LK CONSULT LIMITED

PART OF THE LK GROUP

# WEBSTER PRIMARY SCHOOL MANCHESTER

## PHASE 1 PRELIMINARY RISK ASSESSMENT



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# LK Consult Ltd

# Document Verification

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# 1 INTRODUCTION

## 1.1 Background

LK Consult Ltd (LKC) has been commissioned by ISG to carry out a Phase 1 Preliminary Risk Assessment (PRA) for Webster Primary School, Manchester. The report was undertaken in support of a future planning application for additional building(s) within the existing school grounds.

According to guidance set out in CLR11[1], GPLC1-3[2] and the National Planning Policy Framework (NPPF)[3] a PRA with a site reconnaissance is required as a minimum to ascertain if there is a potential contamination risk.

In accordance with current guidance, the PRA will include a site reconnaissance, site history, geology, hydrogeology, hydrology, mineral search and a landfill search. Information gathered from the desk study and site reconnaissance will be used to develop a contamination conceptual model for the site, which will support the identification and assessment of any pollutant linkages.

In addition, the information gathered will be used to identify potential geotechnical constraints associated with the redevelopment of the site.

Based on the findings of this report, an appropriate site investigation can be derived, if required

## 1.2 Site Detail

A summary of the site details is presented in Table 1-1. Figures 1 and 2 indicate the site location and boundary. .

| | |
|---|---|
| **Location** | Webster Primary School to the south of Denmark Road, Manchester.<br>Centred at approximate National Grid Reference 384350E 395880N. |
| **Area** | 1000m$^2$. |
| **Topography** | 35 metres above ordnance datum (AOD).<br>Site is approximately level. |
| **Current Land Use** | Site<br>The majority of the site comprises a hardstood (tarmacadam) ground bounded by metal fencing. The northwest of the site comprises grassland with 3 mature trees.<br>Surrounding Area<br>North: Webster Primary School.<br>East: Monton Street and a church.<br>South: An unadopted Road and commercial building.<br>West: Webster Primary School. |
| **Proposed Development** | Additional school building(s). It is not known at this stage if any soft landscaping will be present as part of the new development. For the purpose of this PRA LKC have assumed limited soft landscaping will be present. |

Table 1-1: Summary of the site details.

[1] EA (2004). "Model Procedures for the Management of Land Contamination." R&D Publication CLR 11.
[2] EA (2010) "Guiding Principles for Land Contamination." GPLC1-3.
[3] DCL (2012). "National Planning Policy Framework." Department of Communities and Local Government. March 2012.

# 2 SITE HISTORY

## 2.1 Historical Map Review

In compiling the site history, LKC consulted historical mapping provided by the Landmark Information Group Ltd. Copies of relevant historical plans are provided in Appendix A and are summarised Table 2-1. Notable features within 100m of the site boundary have been presented (distances will be approximate). The exception to this will be features within a 250m buffer that could be infilled historically.

| Site Features | Location | Map Dates Present | Comments |
|---|---|---|---|
| Field | NW | 1848 only | |
| Roads | S and E | 1848 only | - Un-named roads form the S and E of the site. |
| Monton Street | E | 1893-1975 | - Crossing the NE corner of the site and running along the SE boundary.<br>- No longer present by 1976 mapping. |
| Derby Street | Centre | 1893-1975 | - Crossing the centre of the site from W-E.<br>- No longer present by 1976 mapping. |
| Terrace Housing | Centre and W | 1893-1975 | - Two sections of a row of terraced housing running N-S separated by Derby Street.<br>- No longer present by 1976 mapping. |
| Webster Primary School | Entire Site | 1976-Present | |
| **Surrounding Area Features** | **Distance/ Location** | **Map Dates Present** | **Comments** |
| Pond | 125m W | 1848 only | - No longer present by 1893 mapping. |
| Pond | 180m SW | 1848 only | - No longer present by 1893 mapping. |
| Pond | 185m S | 1848 only | - No longer present by 1893 mapping. |
| Pond | 210m S | 1848 only | - No longer present by 1893 mapping. |
| Pond | 240m SE | 1848 only | - No longer present by 1893 mapping. |
| Rusholme Brook | 60m N | 1848 only | - No longer present by 1893 mapping. |

Table 2-1: Summary of historical features.

# 3 ENVIRONMENTAL SETTING

In compiling this Section, LKC consulted environmental information provided by the Envirocheck Report (Appendix B), British Geological Survey (BGS), the Coal Authority (Appendix C), Natural England and the Environment Agency. A summary is presented in Table 3-1.

| Categories (data sources) | | | Details |
|---|---|---|---|
| Geology | Artificial[1] | | - None recorded on site. |
| | Superficial[1] | | - Till (Devensian). |
| | Bedrock[1,2] | | - Chester Pebble Beds (sandstone). |
| | BGS logs[3] | | - None within 100m of the site. |
| Hydro-geology | Aquifer Designation | Superficial[1] | - Secondary Undifferentiated. |
| | | Bedrock[1] | - Principal. |
| | Source Protection Zone (SPZ)[1] | | - Site is within the total catchment (Zone 3) of an SPZ. |
| | Groundwater Abstractions[1] | | - Heineken UK Ltd, 432m W, Breweries/Wine: General Cooling, permit 102, licence 2569009009. |
| Hydrology | Nearest Surface Water[1] | | - None listed and none apparent on mapping. |
| | Water Quality Data[1] | | - Corn Brook, River Quality C, 957m N. |
| | Flooding[1] | | - No risk from rivers or sea. |
| | Surface Water Abstractions[1] | | None within 500m:<br>- Nearest 1809m N, North Western Electricity Board for cooling. |
| | Discharge Consent[1] | | None within 250m:<br>- Nearest 484m E, United Utilities Water Limited, Public Sewage Overflow. |
| | Pollution Incidents[1] | | - One within 250m: 99m N, Bridgewater Canal catchment (no receiving water listed), spillage of herbicides/fungicides, Category 3 – Minor incident. |
| Minerals / Mining | Coal Mining Development High Risk Area (DHRA)[4] | | - Not within DHRA. |
| | Coal Report[5] | | - Not within coal reporting area. |
| | Surface Extractions[1] | | - No mineral extraction within 500m of the site. |
| | Cheshire Brine Compensation District[5] | | - Not within site area. |
| Ground Stability[1] (on-site) | Collapsible Ground | | - Very low hazard. |
| | Compressible Ground | | - No hazard. |
| | Landslide | | - Very low hazard. |
| | Running Sand | | - Very low hazard. |
| | Shrinking / Swelling Clay | | - Very low hazard. |
| | Ground Dissolution | | - No hazard. |
| Landfill sites | Known/Registered[1] | | None within 250m:<br>- Nearest 597m E, Demolition Services Ltd, active dates: 1994-1995, inert and industrial wastes. |
| | Potential[1] | | 5 within 250m:<br>- 5 Ponds, 125-240m from site all potentially infilled by 1893 mapping. |

Table 3-1: Summary of environmental setting.
**Data Sources**: **1** - Envirocheck Report (Appendix A and B); **2** - BGS Sheet 85 1:50,000; **3** - BGS GeoIndex http://mapapps2.bgs.ac.uk/geoindex/home.html; **4** - The Coal Authority Web Mapping Services (WMS) and Interactive Map Viewer http://coal.decc.gov.uk/en/coal/cms/publications/data/map/map.aspx

| Categories (data sources) | Details |
|---|---|
| Radon[1] | - Probability of <1% of homes above Action Level. No further action required. |
| Designated Sites[1] | - None listed. |
| Contemporary Trade Directory[1] | None within 100m:<br>- Nearest 186m N (chemists and pharmacists). |
| Fuel Station Entries[1] | None within 100m.<br>- Nearest 289m SE, Cordingley Service Station. |
| Unexploded Ordnance (UXO) Risk[5] | - Moderate. |

Table 3-1: Summary of environmental setting.
**Data Sources**: **1** - Envirocheck Report (Appendix A and B); **5** – Coal Authority Report (Appendix C); Zetica Regional Unexploded Bomb Risk (Appendix D).

# 4 SITE RECONNAISSANCE

A site reconnaissance was carried out on 17th August 2017. Hand dug trial holes were undertaken in accessible areas to confirm the shallow ground conditions.

An annotated plan with photographs is provided in Appendix E.

The site, which is roughly quadrilateral in shape, is accessible via double gates in the southeast of the site. site is generally flat in topography.

The site lies within the grounds of Webster Primary School and comprises a tarmacadam playground in the south adjacent to the all-weather sports pitch. The north of the site completes a grassed area with 3no. mature trees and a further small area of tarmacadam.

No significant evidence of contamination was identified.

The surrounding area comprises:

- North: Webster Primary School buildings and play area.
- East: Monton Street and Webster Primary School buildings.
- South: Un-adopted road and Moss Side Health Centre.
- West: Webster Primary School playing field and Residential properties.

# 5 PRELIMINARY CONCEPTUAL MODEL

## 5.1 Introduction

The aim of the conceptual model is to provide a preliminary assessment of the likelihood of a pollutant linkage for each potential combination of contaminant, pathway and receptor. A conceptual model can be used to make an informed decision on the contamination risks associated with the site and whether further site investigation work is required.

The Sections below are therefore divided into potential contaminant, potential pathway and potential receptor as described in CLR11[4]. The final Section provides an assessment of the potential pollutant linkages that may still be present on the site if redevelopment were to occur.

## 5.2 Potential Contaminants

Potential contamination sources are detailed in Table 5-1.

| Source | Contaminants |
|---|---|
| Onsite former buildings | - Asbestos Containing Material (ACM). |
| Onsite Made Ground (terrace housing - possible infilled basements) | - Ash and clinker (e.g. from hearths and boilers, often historically used for site raising / levelling): Heavy metals, sulphates and PAHs.<br>- Other unknown inorganic / organic contaminants (dependant on fill material source).<br>- If significant depth of organic / putrescible material: Hazardous gas (principally carbon dioxide and methane). |

Table 5-1: Potential contamination sources

## 5.3 Potential Receptors

Potential receptors are detailed in Table 5-2.

| Receptors | |
|---|---|
| Human Health | - Future site users (including site users, visitors and site workers).<br>- Offsite land users. |
| Controlled Waters | - Principal Aquifer.<br>- Zone 3 of SPT.<br>- Surface water is not considered to be a receptor due to the distance from site (not within 1000m) |
| Buildings and structures. | |
| Potable water pipes. | |
| Flora within future gardens/landscaping. | |

Table 5-2: Potential receptors

[4] Defra (2004). "Model Procedures for the Management of Land Contamination." R&D Publication CLR 11.

## 5.4 Potential Pathways

Potential pathways are detailed in Table 5-3.

| **Pathways** | | |
|---|---|---|
| Soil | Human Health (Primary School land use)[5] | - Ingestion of soil.<br>- Ingestion of soil-derived indoor dust.<br>- Dermal contact with soil.<br>- Dermal contact with soil-derived indoor dust.<br>- Inhalation of soil-derived outdoor dust.<br>- Inhalation of soil-derived indoor dust.<br>- Inhalation of vapours outside.<br>- Inhalation of vapours inside.<br><br>- Omitted as no private gardens: ingestion of contaminated vegetables and ingestion of soil attached to vegetables. |
| | - Windblown dust / fibres to adjacent receptors. | |
| | - Direct contact with receptors (building foundations, services). | |
| | - Root uptake. | |
| Water | - Surface run-off over impermeable surface. | |
| | - Infiltration into the ground, through potentially contaminated material (contamination possibly going into solution).<br>- Site is predominantly hardstood; therefore, infiltration is likely to be limited. | |
| | - Migration through potentially permeable strata and preferential pathways.<br>- Superficial (Till) likely to be low permeability.<br>- Bedrock (sandstone) likely to be relatively permeable.<br>- Preferential pathways: services. | |
| Gas | - Migration through potentially permeable strata and preferential pathways.<br>- Superficial (Till) likely to be low permeability.<br>- Preferential pathways: services.<br>- Potential for onsite made ground beneath the proposed development. | |
| | - Migration into buildings (e.g. via services) and accumulation of gases in confined spaces (potentially causing explosion if methane is present). | |

Table 5-3: Potential pathways

## 5.5 Preliminary Contamination Conceptual Model

The preliminary contamination conceptual model is illustrated in Table 5-4 and has identified seven generic potential pollutant linkages.

Each linkage is described along with an assessment of the risk based upon guidance on probabilities and consequences outlined in CIRIA C552[6].

In order to assess the potential risk for each pollutant linkage, an assessment of the magnitude of the potential consequence (severity) of the risk occurring and the magnitude of the probability (likelihood) of the risk occurring has been considered and classified. This is based on the guidance provided in CIRIA C552 and further details including a risk matrix is provided in Appendix F.

Where LKC identified a low to very low risk, limited intrusive investigation work, a watching brief (during construction work) or no investigation work will be recommended. This will be dependent on the nature of the site and the proposed development.

[5] EA (2008). "Updated Technical Background to the CLEA Model." Science Report – SC050021/SR3.
[6] CIRIA (2001). "Contaminated land risk assessment: A guide to good practice". C552.

Where the risk falls into the moderate/low risk, LKC will undertake an assessment to establish what category the pollutant linkage will fall into (i.e. moderate or low risk will be chosen).

Where LKC identifies a moderate or higher risk, intrusive work or precautionary remedial measures will be recommended.

It should be noted that there may be risk from short term exposure from contaminated soil to site workers. The Preliminary Contamination Conceptual Model deals with long term exposure to key receptors. Acute risks can be easily mitigated by good environmental management of the site during site works. Standard health and safety precautions (as per HSE guidance[7]) should be adopted by all workers involved with site enabling and construction works. Therefore, this receptor is not considered in the contamination conceptual model.

[7] HSE (1991). "Protection of Workers and the General Public During Development of Contaminated Land" London HMSO.

| Pollutant Linkage | Pathway | Receptor | Contaminant (source) | Probability | Consequence | Risk | Assessment and Recommendations |
|---|---|---|---|---|---|---|---|
| PL1 | – Dermal contact.<br>– Inhalation of soil, fibres and dust.<br>– Ingestion of soils and dust.<br>– Windblown dust. | – Future site users.<br>– Offsite receptors. | – ACM (former buildings, potentially in made ground). | Likely | Severe | **High** | – Likely probability due to age of buildings, date of demolition and potential pathway to receptors in soft landscaping.<br>– **Recommendation:** Intrusive investigation required. |
| | | | – Heavy metals<br>– PAHs<br>(possible unknown made ground). | Low | Medium | **Moderate /** Low | – Low probability given the history of the site and the surrounding area and the limited soft landscaping likely in the proposed development.<br>– Moderate risk assumed as infilled cellars considered possible.<br>– **Recommendation:** Intrusive investigation required. |
| | | | – Heavy end hydrocarbons. | Unlikely | Medium | **Low** | – Unlikely probability as no significant historical source identified.<br>– **Recommendation:** No testing required (TPHCWG testing) unless evidence of hydrocarbons identified in the ground. |
| PL2 | – Inhalation of vapours.<br>– Migration through permeable strata and preferential pathways. | – Future site users.<br>– Offsite receptors. | – Volatile Contaminants (possible unknown made ground). | Unlikely | Medium | **Low** | – Unlikely probability as no significant historical source identified.<br>– **Recommendation:** No testing required unless evidence of volatile contaminants identified in the ground. |
| PL3 | – Inhalation of gas.<br>– Migration through permeable strata and preferential pathways.<br>– Explosion in confined spaces. | – Future site users.<br>– Buildings.<br>– Offsite land users. | – Methane, carbon dioxide. (potentially infilled basements/cellars on site) | Low | Severe | **Moderate** | – Low probability due to limited potential historical sources<br>– **Recommendation:** Gas monitoring. |
| PL4 | – Surface Run-off.<br>– Migration through permeable strata and preferential pathways<br>– Perched waters migration. | – Groundwater (Principal Aquifer). | – Mobile contaminants such as metals and PAHs (unknown made ground).. | Low | Medium | **Moderate /** Low | – Low probability as only limited potential contamination sources identified.<br>– Moderate risk assumed at this stage as the site is within a source protection zone of a principal aquifer.<br>– **Recommendation:** Precautionary sampling required. |
| PL5 | – Sulphate attack on concrete. | – Building structure. | – Sulphate (made ground). | Low | Mild | **Very low** | – Low probability as only limited potential contamination sources identified.<br>– **Recommendation:** Intrusive investigation required as part of PL1 to inform geotechnical design.. |
| PL6 | – Ingestion of tainted water supply. | – Future site users.<br>– Water pipes. | – Organic Contaminants such as hydrocarbons, (made ground). | Unlikely | Medium | **Low** | – Unlikely probability as significant contamination not anticipated at pipeline depth (0.75-1.35m).<br>– **Recommendation:** Sampling required if made ground present at pipeline installation depths. |
| PL7 | – Direct Contact (plant uptake). | – Flora. | – Phytotoxic Contaminants (made ground). | Very Low | Minor | **Very Low** | – Low probability as contamination considered possible, which may be taken up by flora in soft landscaping / gardens.<br>– **Recommendation:** Investigation work as part of PL1. |

Table 5-4 Preliminary Contamination Conceptual Model.

# 6 PRELIMINARY GEOTECHNICAL RISK ASSESSMENT

Geology is mapped as Till underlain by Chester Pebble Beds (Sandstone). Given the history of the site, limited made ground is anticipated however deeper made ground due to the possible presence of cellars/basements from former terrace housing cannot be discounted at this stage.

The Envirocheck Report identified a very low hazard of collapsible ground, landslide, running sand and shrinking / swelling clay; and no hazard of ground dissolution and compressible ground.

The following need to be considered and investigated before any construction work commences:

- Possible deep made ground and / or relic in-ground structures (from basements/cellars) may be present on site which could affect groundworks (e.g. grubbing out of structures) and type of foundations required (e.g. deepening of foundations / pilling).

- The strength and variability of superficial deposits need to be confirmed. Boulder clay is anticipated which is likely to be at least medium strength however softer ground / organic ground / granular pockets may reduce this strength. An allowable bearing pressure of the soils should be confirmed to allow the design of suitable foundations.

- The depth of groundwater and variability of the water table should be confirmed as shallow / fluctuating groundwater can affect the strength of the soil, particularly in granular ground.

- Plasticity of clay deposits should be confirmed, particularly where trees are present or proposed, to identify the shrinkability risk. This could be a problem in the north and south of the site where mature trees were observed.

- The CBR value of the ground for footpath and road design should be calculated. There is a potential for low / poor CBR values from underlying clay, therefore site roads may require the import of suitable granular material or modification of existing clay soils.

- Sulphate content of the made ground and natural ground should be confirmed to assess the concrete requirements.

# 7 SUMMARY CONCLUSIONS AND RECOMMENDATIONS

## 7.1 Summary Conclusions

The proposed development is for the construction of new school building(s).

The site was developed from 1893 mapping with terraced housing, Monton street and Derby Street. The buildings were demolished by 1976 mapping when Webster Primary School was developed across the site and the surrounding area.

The site currently forms a part of the larger Webster Primary School site and comprises an area of tarmacadam hardstanding in the centre and south with a grassed area containing 3 mature trees is present in the north of the site.

The site is surrounded by security fencing, playing fields and the buildings which form and the wider Webster Primary School site.

Potential contamination sources affecting the site were identified as heavy metals, PAHs, sulphate, asbestos, hydrocarbons, and gas (carbon dioxide and methane).

These contaminants may pose a risk to site users (via ingestion/dermal contact/inhalation pathways and explosion), controlled waters (via migration through permeable strata / preferential pathways), buildings and structures (direct contact and explosion), water pipes (direct contact) and flora (root uptake).

A contamination conceptual model has been produced by LKC. This has identified the following risks summarised in Table 7-1.

| Pollutant Linkage | | Risk | Recommendations |
|---|---|---|---|
| 1 | Contaminants posing a risk to future site users via dermal contact, ingestion and inhalation (of soil, dust, fibres and vegetables). | **High** (ACM) | Investigation work required. |
| | | **Moderate /** Low (PAHs, metals) | |
| | | **Low** (hydrocarbons) | |
| 2 | Volatile contaminants posing a risk to future site users via the inhalation of vapours. | **Low** | Sampling not required unless evidence of hydrocarbons / volatile contaminants noted in the ground. |
| 3 | Gas posing a risk to buildings and future site users via the migration of gas into building causing explosion and asphyxiation. | **Moderate** | Gas monitoring required. |
| 4 | Mobile contamination posing a risk to controlled waters via the migration through permeable strata. | **Moderate /** Low | Investigation work not required unless evidence of significant mobile contamination identified. |
| 5 | Sulphate posing a risk to building via direct contact (sulphate attack). | **Very low** | Investigation required as part of PL1 to inform geotechnical design. |
| 6 | Organic contaminants posing a risk to water pipes. | **Low** | Sampling required if made ground is present at pipeline depths. |
| 7 | Phytotoxic metals posing a risk to flora via root uptake. | **Very Low** | Limited investigation work recommended as part of PL1. |

Table 7-1: Summary risk table.

The preliminary geotechnical assessment has also identified the following potential risk which will need to be investigated:

- Unknown strength of soils for foundation design.
- Possible deep made ground with in-ground structures.
- Possible soft / organic material in the former pond in the east of the site.
- Depth and variability of groundwater.
- Plasticity of clay deposits.
- Sulphate content of made ground and natural strata.

Further work is recommended, which is detailed in the following Section.

## 7.2 Recommendations

### *7.2.1 General*

In accordance with NPPF, LKC consider that sufficient information on the potential contaminative status of the site is available in this Preliminary Risk Assessment report to allow the validation of any future planning application by the Local Planning Authority and for conditional planning approval to be granted. Such conditional approval will likely include standard prescriptive conditions requiring a site investigation, risk assessment and, if appropriate, a remedial strategy are completed to the satisfaction of the Local Planning Authority prior to the commencement of any development.

A Phase 2 intrusive survey should be carried out across the site to investigate the identified potential pollutant linkages further. LKC would recommend this can be undertaken pre-planning or once conditional planning approval is granted. The scope of this Phase 2 survey should be prior agreed with the Local Authority and should include the following.

### *7.2.2 Phase 2 investigation*

In order to address the potential pollutant linkages a site investigation is recommended. The site investigation should be carried in accordance with relevant guidance documents (including BS10175[8] and BS5930[9]).

The investigation should include trial pits and / or boreholes at a sampling density of 1 sample per 25-50m square centres for an exploratory investigation and 1 sample per 10-25m square centres for a main investigation.

Soil samples should be collected from the trial pits / boreholes and tested for contaminants of concern based on the preliminary conceptual model and field observations (PID tests and visual / olfactory evidence).

In order to address potential pollutant linkage 3 (gas risk) either gas monitoring or precautionary gas protection measures are recommended.

Boreholes drilled on site should be installed with monitoring wells. Monitoring should be undertaken in accordance with CIRIA C665[10]. As a minimum gas monitoring would likely be over a three-month period with at least six gas monitoring visits under worst case temporal conditions.

[8] British Standard (2011). "Investigation of Potentially Contaminated Sites – Code of Practice." BS10175:2011.
[9] British Standard (2015). "Code of Practice for Ground Investigations. " BS5930:2015.
[10] CIRIA (2007). "Assessing Risks Posed by Hazardous Ground Gases to Buildings." CIRIA C665.

Precautionary groundwater sampling will be carried out to address pollutant linkage 4. Groundwater samples should be collected from boreholes (monitoring wells). If no groundwater is present, soils can be subjected to leachability tests. Samples should be tested for contaminants of concern based on the preliminary risk assessment, field observations and results of the soil analysis.

It should be noted that boreholes and / or trial pits may also be utilised to provide appropriate geotechnical information on sub-surface conditions.

This investigation, in conjunction with appropriate geotechnical testing, will identify and characterise any contaminants encountered. Information from this investigation can then be used to provide a more detailed assessment of the identified pollutant linkages, provide appropriate foundation solutions and, if necessary, identify appropriate remedial measures to ensure that the site is made suitable for its proposed end use.

### *7.2.3 Watching Brief*

Notwithstanding the above, a watching brief should be maintained by the site manager during the clearance of the study area and development works, for any likely contaminated made ground, such as ash and clinker; any unusual ground conditions and any visual and / or olfactory evidence of contamination.

If such evidence of made ground and / or visual and olfactory evidence of contaminants are identified, then sampling will likely be required to characterise the material and recommendations for appropriate remediation undertaken, if required. Samples should be collected in sufficient quantity and analysed for a suitable suite of determinands to demonstrably characterise the study area. Should any significant thickness of made ground be encountered during works within the study area, LKC would recommend that this information is reported to the Local Authority and to LKC for further assessment.

### *7.2.4 Unexploded Ordnance*

A moderate risk from unexploded ordnance (UXO) has been identified from regional UXO mapping. It is recommended that a detailed UXO desk study is carried out to confirm the risk. The detailed desk study will confirm if any special precautions need to be considered before any intrusive work is carried out.

# FIGURES




Contains Ordnance Survey data © Crown copyright and database right 2010

**Figure 1: Site Location Plan, Webster Primary School, Manchester**

**Drawn: September 2017 Scale: 1:25,000 @ A4 (see scale bar)**

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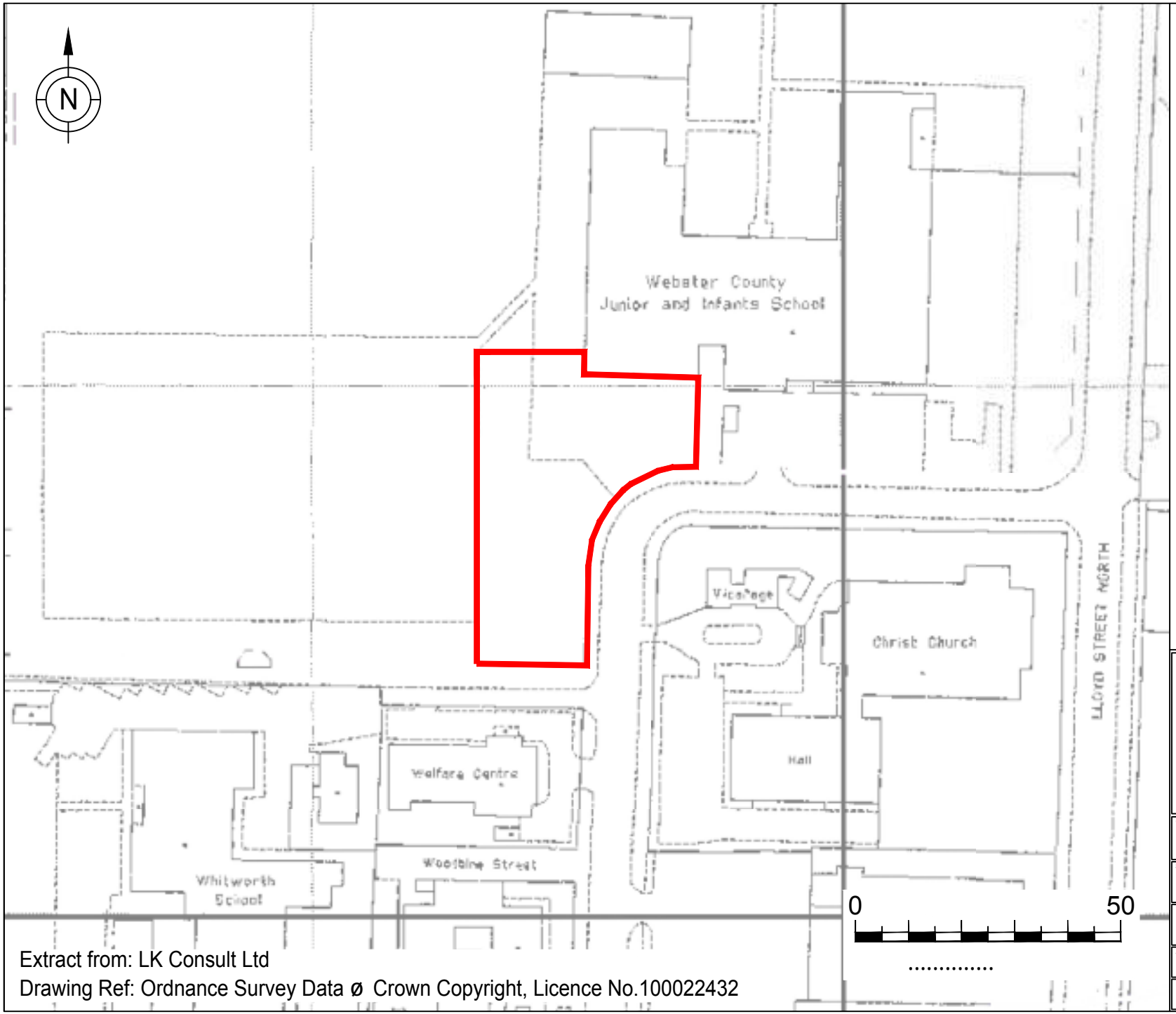


KEY

Site Boundary

Sampling Locations and features annotated by LK Consult Ltd are approximate and are based upon observed measurements unless otherwise stated. Do not scale from this drawing and work from marked dimensions only. All dimensions and features should be confirmed on site by the Contractor. Where this drawing includes information provided to LK Consult Ltd by others, LK Consult Ltd gives no warranty, representation or assurance as to the accuracy of such information.

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Client: ISG

Site: Webster Primary School, Manchester

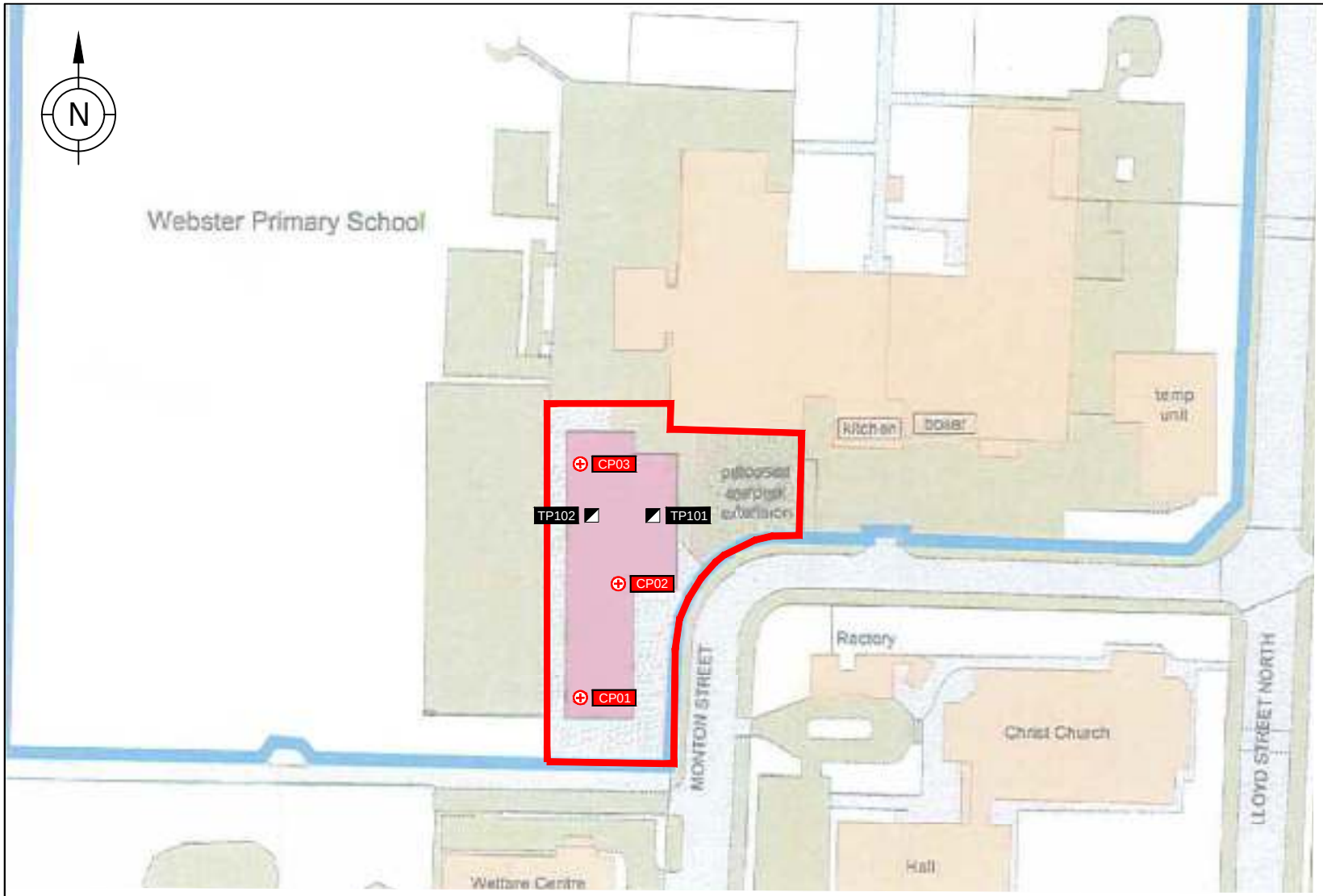
Title: Site Boundary Plan

| Job No.: | Scale (See Scale Bar): | Figure: | Revision: |
|---|---|---|---|
| LKC 17 1298 | 1:1000 @ A4 | 2 | |

| Drawn By: | Checked By: | Drawn: |
|---|---|---|
| AC | BS | Sep 2017 |

Extract from: LK Consult Ltd

Drawing Ref: Ordnance Survey Data ø Crown Copyright, Licence No.100022432




KEY

- Site Boundary
- Cable Percussive Borehole (CP)
- Hand Dug Trial Pit (TP)

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0 50

SCALE (Metres)

Extract from: Manchester City Council
Drawing Ref: Site Plan

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Client: ISG

Site: Webster Primary School, Manchester

Title: Sampling Location Plan

| Job No.: | Scale (See Scale Bar): | Figure: | Revision: |
|---|---|---|---|
| LKC 17 1298 | 1:1000 @ A4 | 3 | |

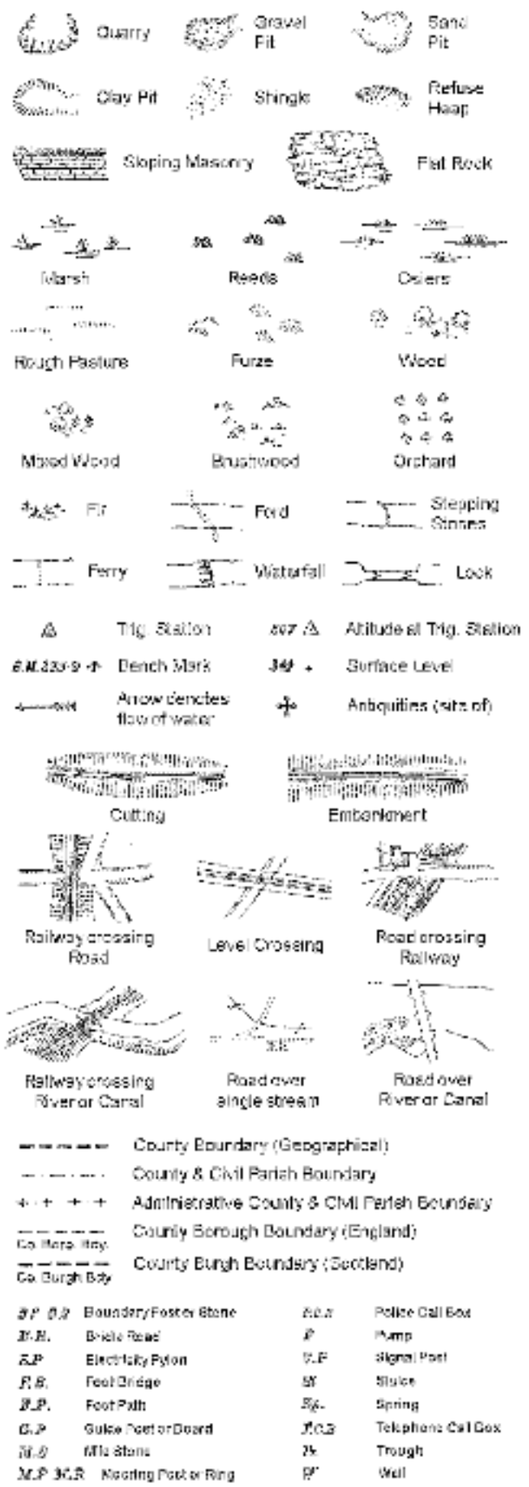
| Drawn By: | Checked By: | Drawn: |
|---|---|---|
| AC | BS | Sep 2017 |

# APPENDIX A

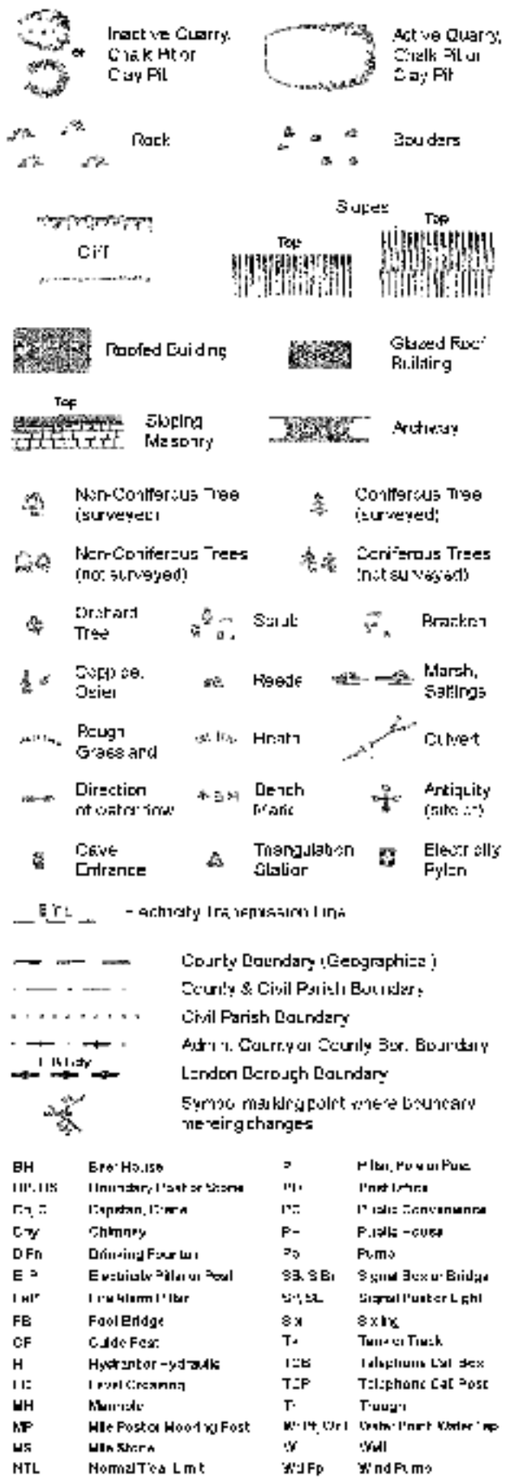
# HISTORICAL MAPS

# Historical Mapping Legends

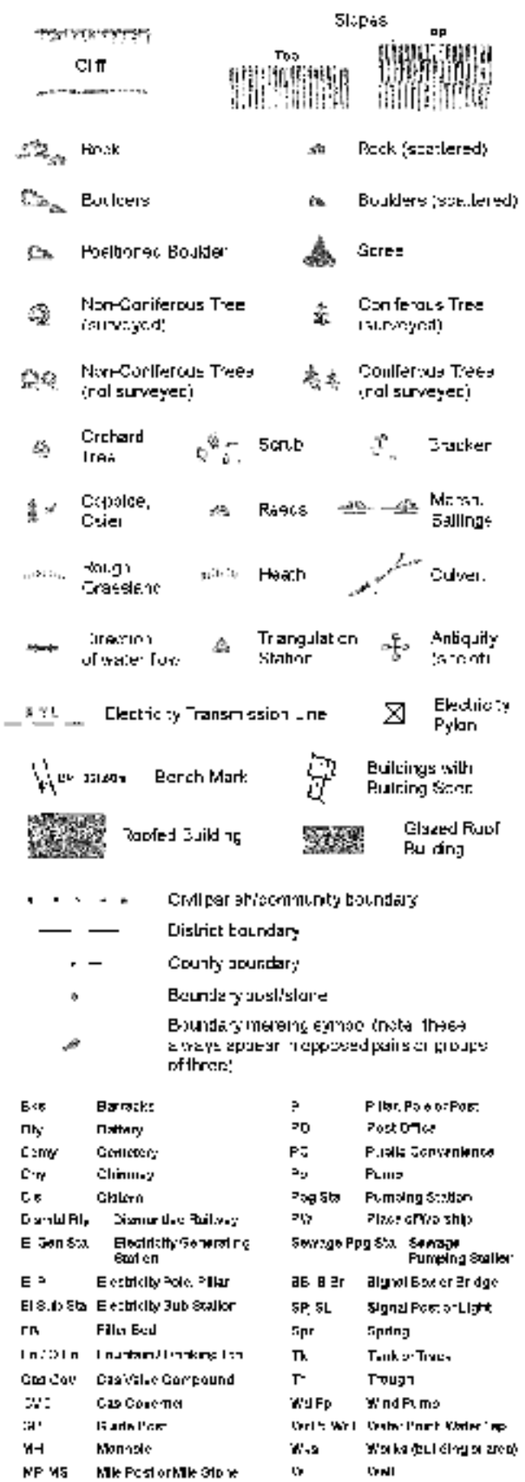
## Ordnance Survey County Series and Ordnance Survey Plan 1:2,500




## 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

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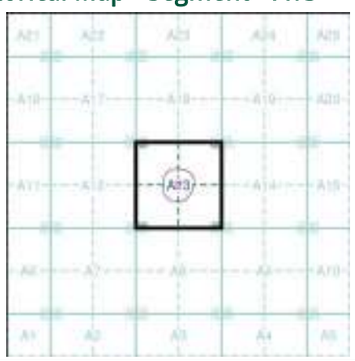
## Historical Mapping & Photography included:

| 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 | 1922 | 4 |
| Ordnance Survey Plan | 1:1,250 | 1949 - 1950 | 5 |
| Ordnance Survey Plan | 1:2,500 | 1951 | 6 |
| Ordnance Survey Plan | 1:1,250 | 1951 - 1961 | 7 |
| Ordnance Survey Plan | 1:2,500 | 1955 - 1963 | 8 |
| Ordnance Survey Plan | 1:1,250 | 1964 - 1980 | 9 |
| Supply of Unpublished Survey Information | 1:1,250 | 1974 - 1977 | 10 |
| Additional SIMs | 1:1,250 | 1977 - 1984 | 11 |
| Ordnance Survey Plan | 1:1,250 | 1985 | 12 |
| Additional SIMs | 1:1,250 | 1985 - 1989 | 13 |
| Large-Scale National Grid Data | 1:1,250 | 1992 | 14 |
| Large-Scale National Grid Data | 1:1,250 | 1993 - 1994 | 15 |
| Large-Scale National Grid Data | 1:1,250 | 1994 - 1995 | 16 |
| Historical Aerial Photography | 1:2,500 | 2000 | 17 |

## Historical Map - Segment A13



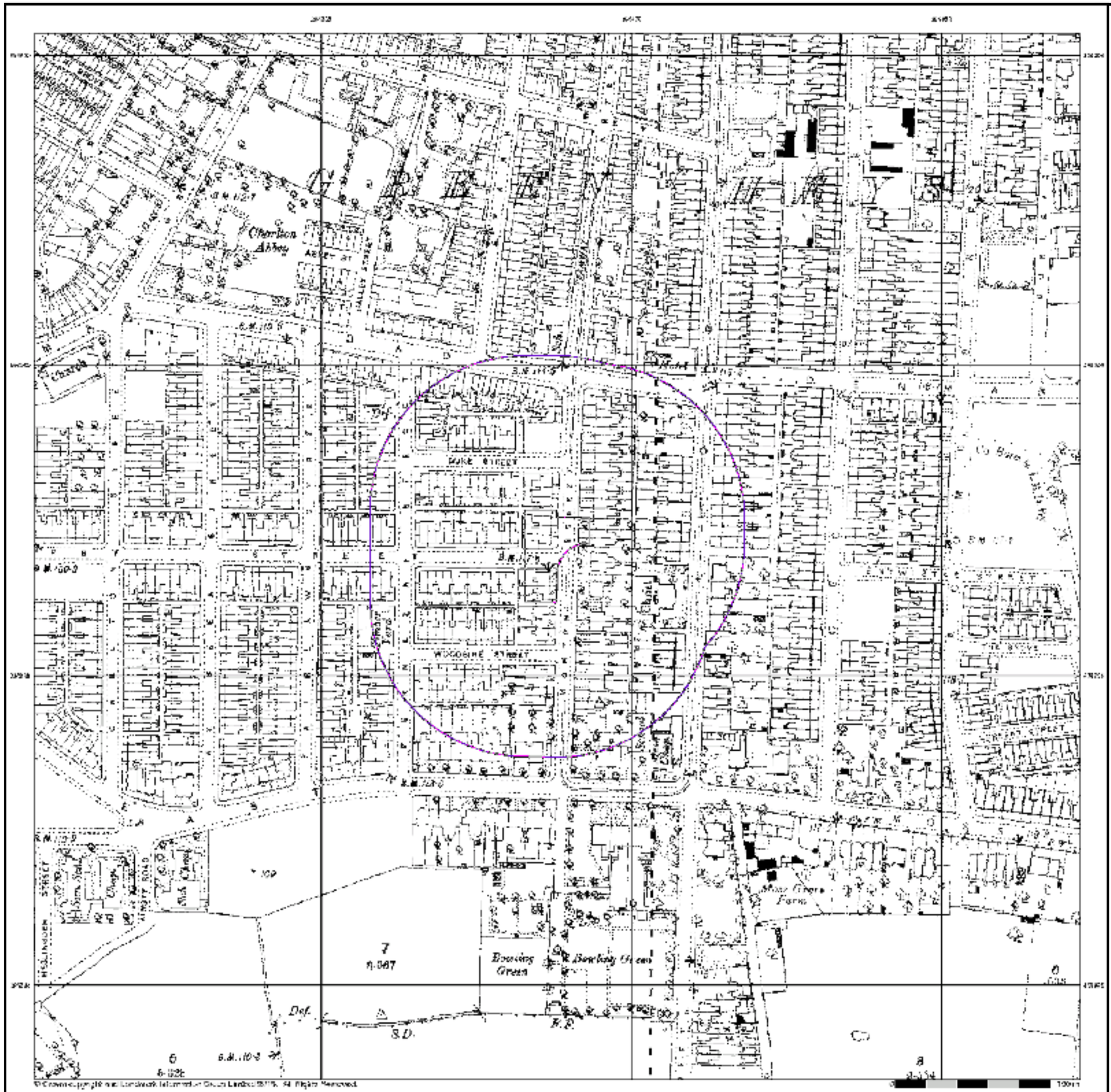

## Order Details

Order Number: 137660777_1_1
Customer Ref: LKC 17 1298
National Grid Reference: 384350, 395880
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

## Site Details

Webster Junior School, Denmark Road, Manchester, M15 6J U


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

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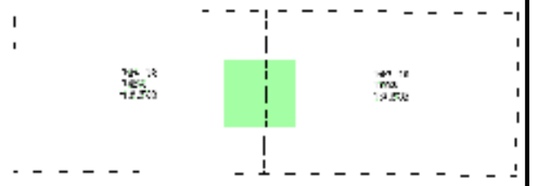
## Lancashire And Furness

## Published 1893

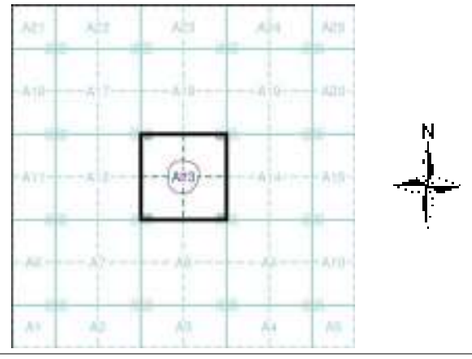
## Source map scale - 1:2,500

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

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| Customer Ref: | LKC 17 1298 |
| National Grid Reference: | 384350, 395880 |
| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 100 |

### Site Details

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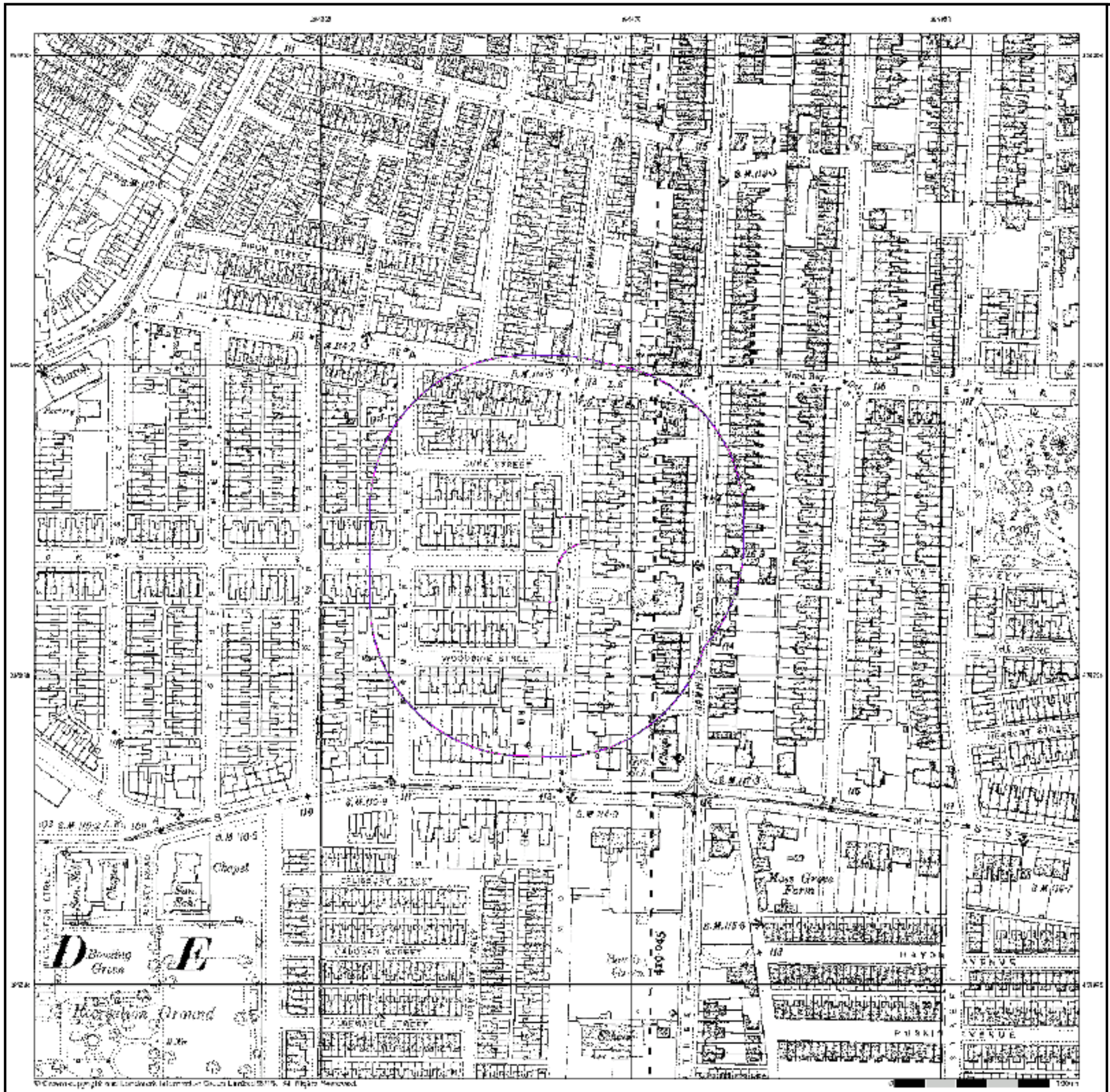


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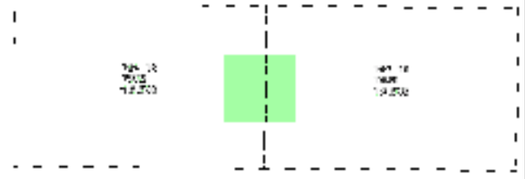
## Lancashire And Furness

## Published 1908

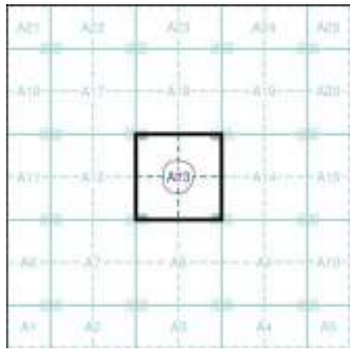
## Source map scale - 1:2,500

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

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| Order Number: | 137660777_1_1 |
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| National Grid Reference: | 384350, 395880 |
| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 100 |

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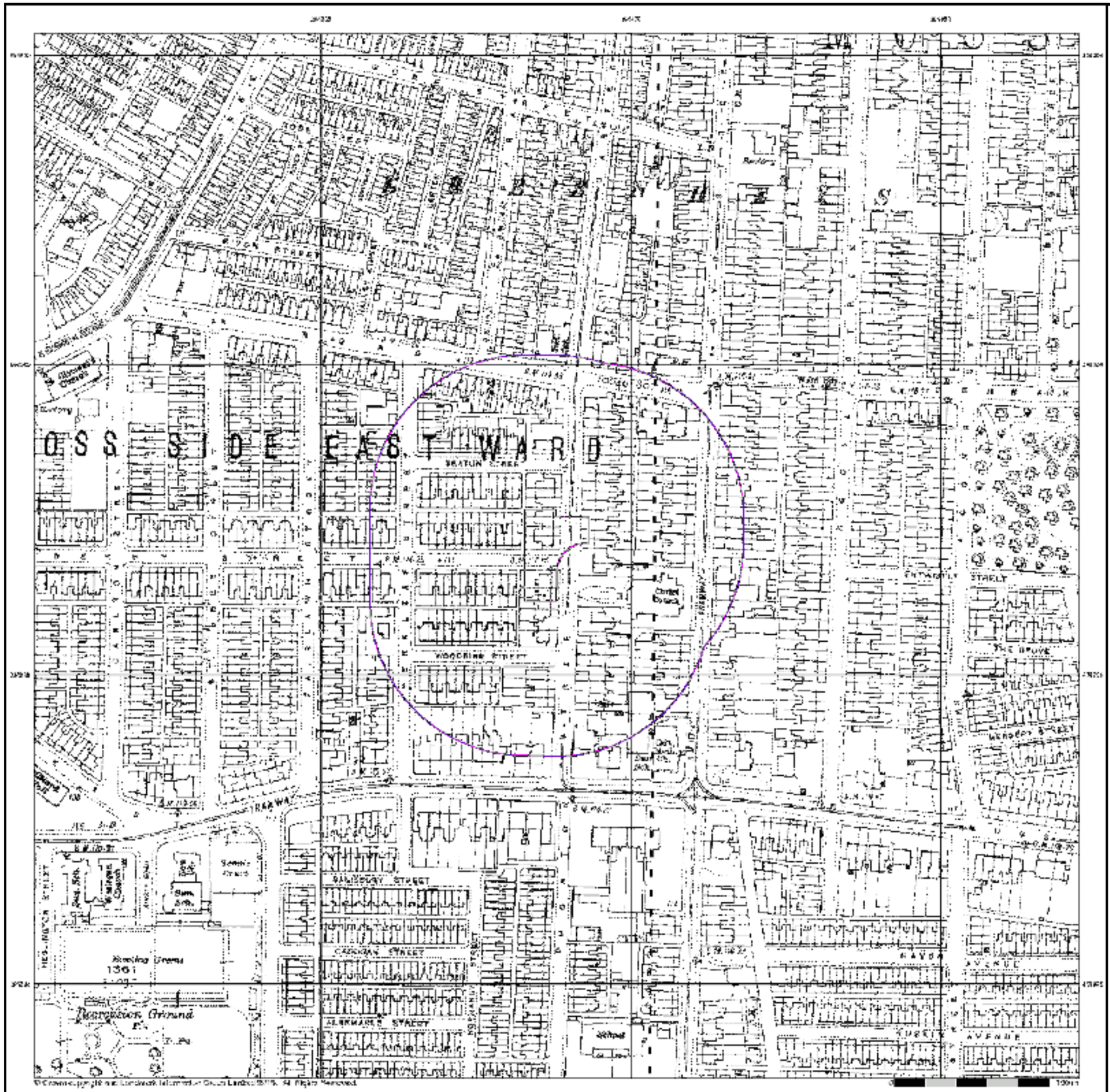
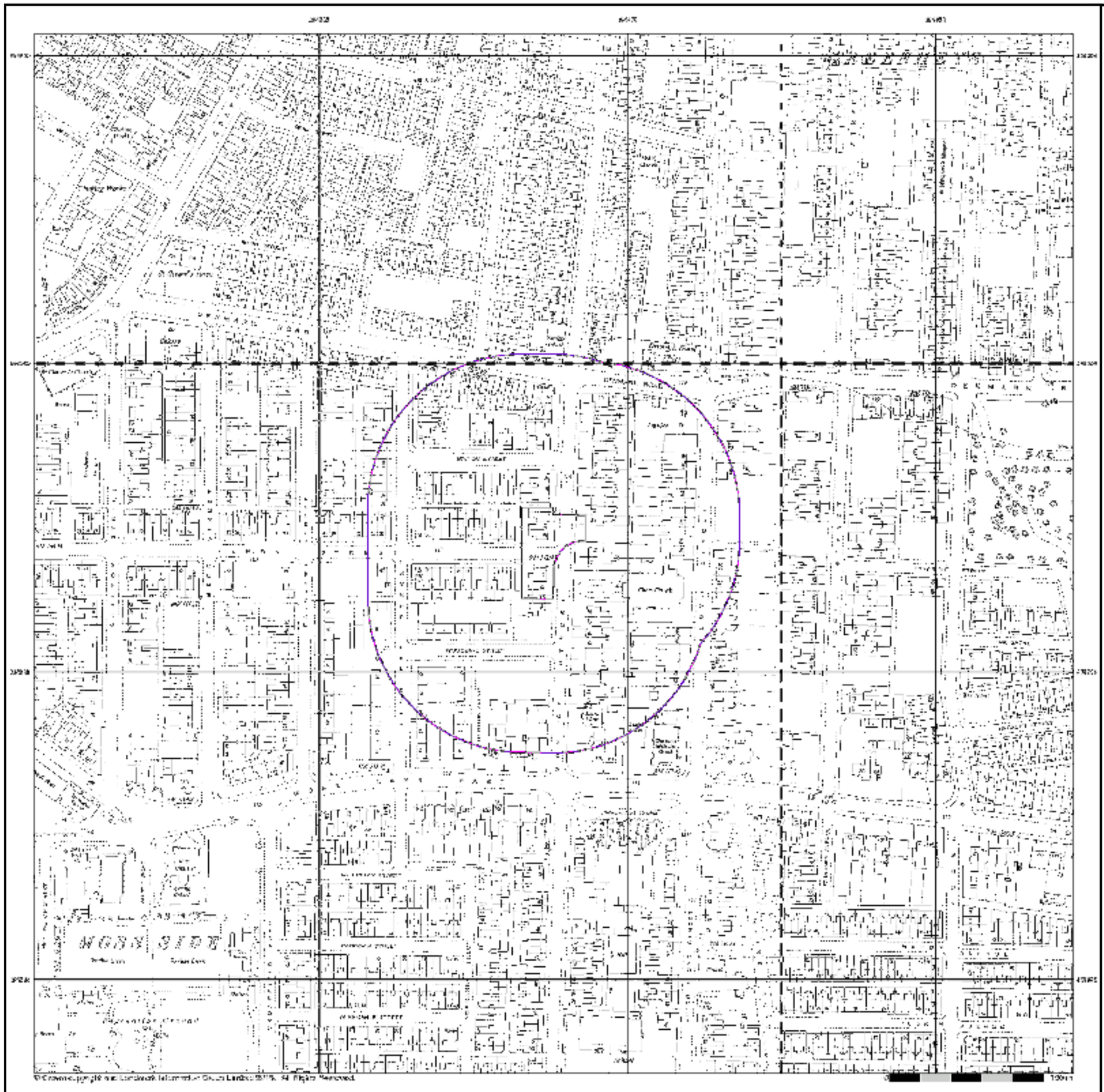

OSS SIDE EAST WARD
Bowling Green
1361
Recreation Ground
Sch.
Sch. Sch.
Weslyan Church
Sunday School
Cricket Ground
Reservoir
Tank
Path
Path
Path



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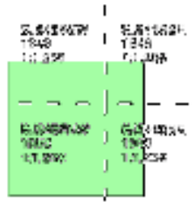
## Ordnance Survey Plan

## Published 1949 - 1950

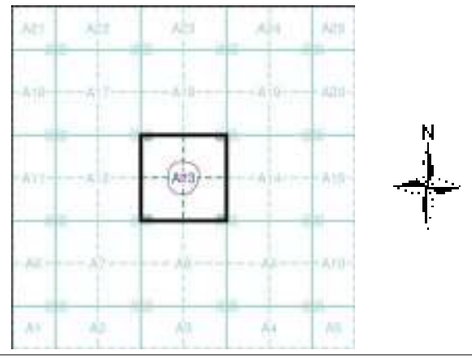
## Source map scale - 1:1,250

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

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| Order Number: | 137660777_1_1 |
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| National Grid Reference: | 384350, 395880 |
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| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 100 |

### Site Details

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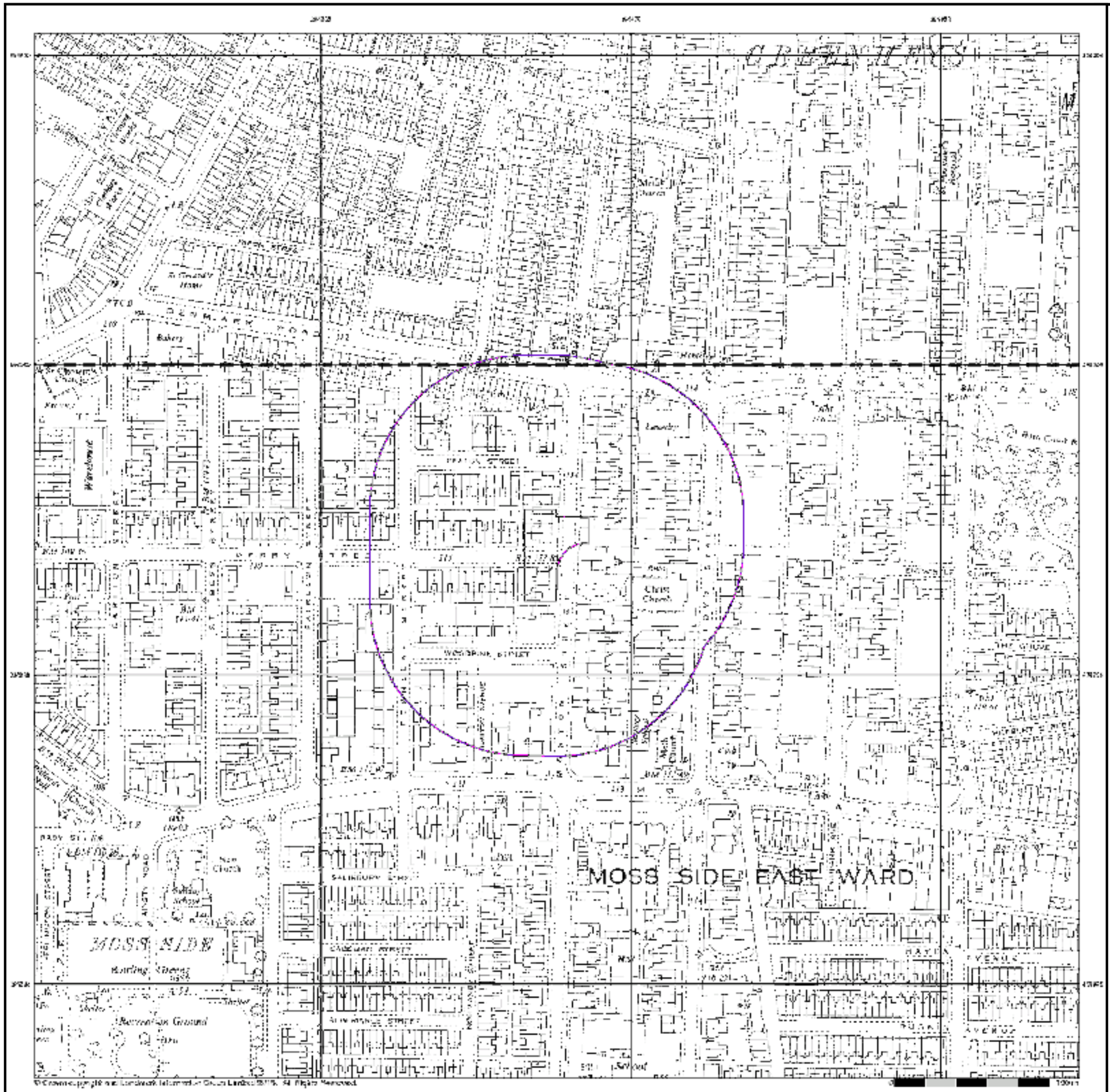



LK CONSULT LIMITED

## Ordnance Survey Plan

## Published 1951

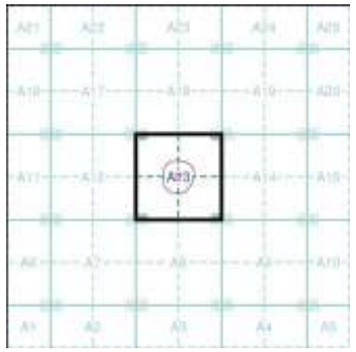
## Source map scale - 1:2,500

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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| Order Number: | 137660777_1_1 |
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| National Grid Reference: | 384350, 395880 |
| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 100 |

## Site Details

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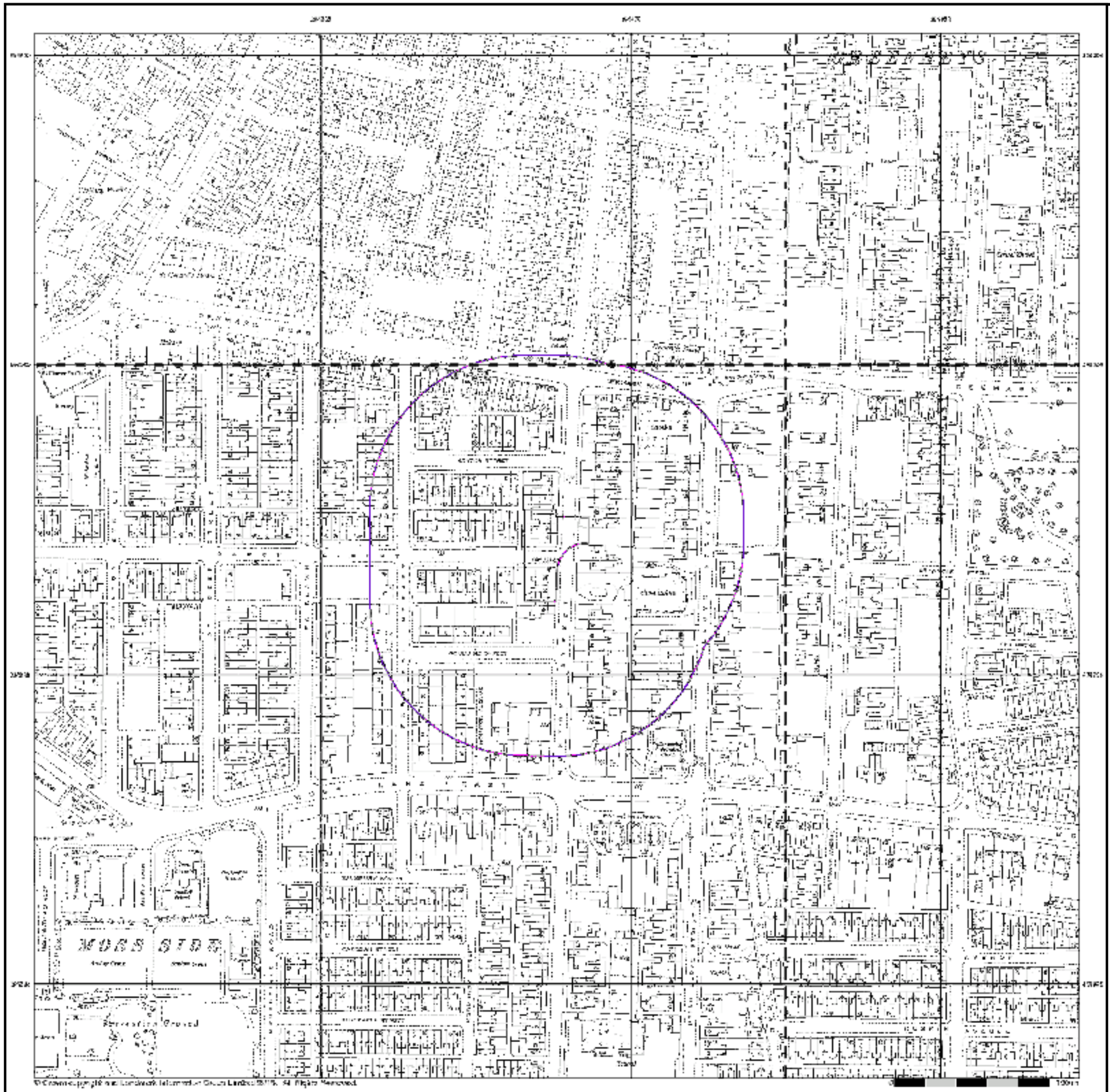

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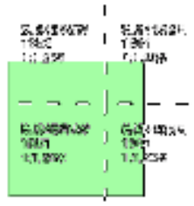
## Ordnance Survey Plan

## Published 1951 - 1961

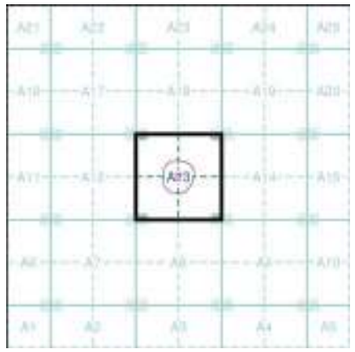
## Source map scale - 1:1,250

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

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| National Grid Reference: | 384350, 395880 |
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| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 100 |

### Site Details

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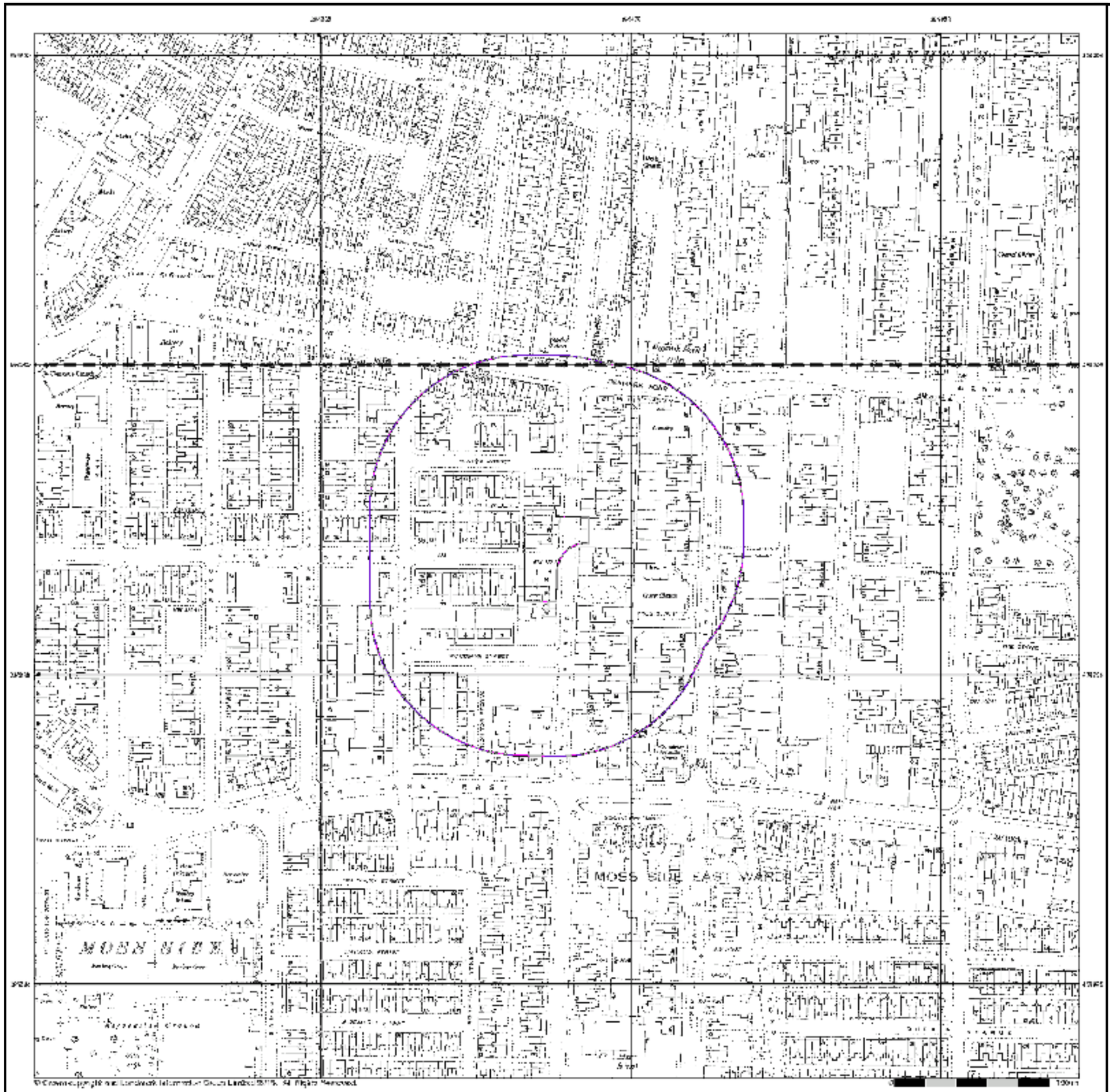



LK CONSULT LIMITED

## Ordnance Survey Plan

## Published 1955 - 1963

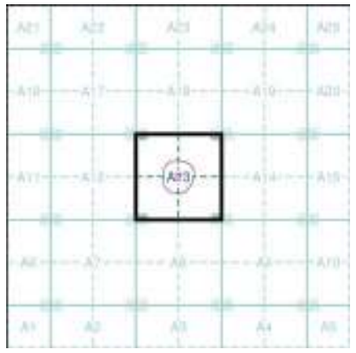
## Source map scale - 1:2,500

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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| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 100 |

## Site Details

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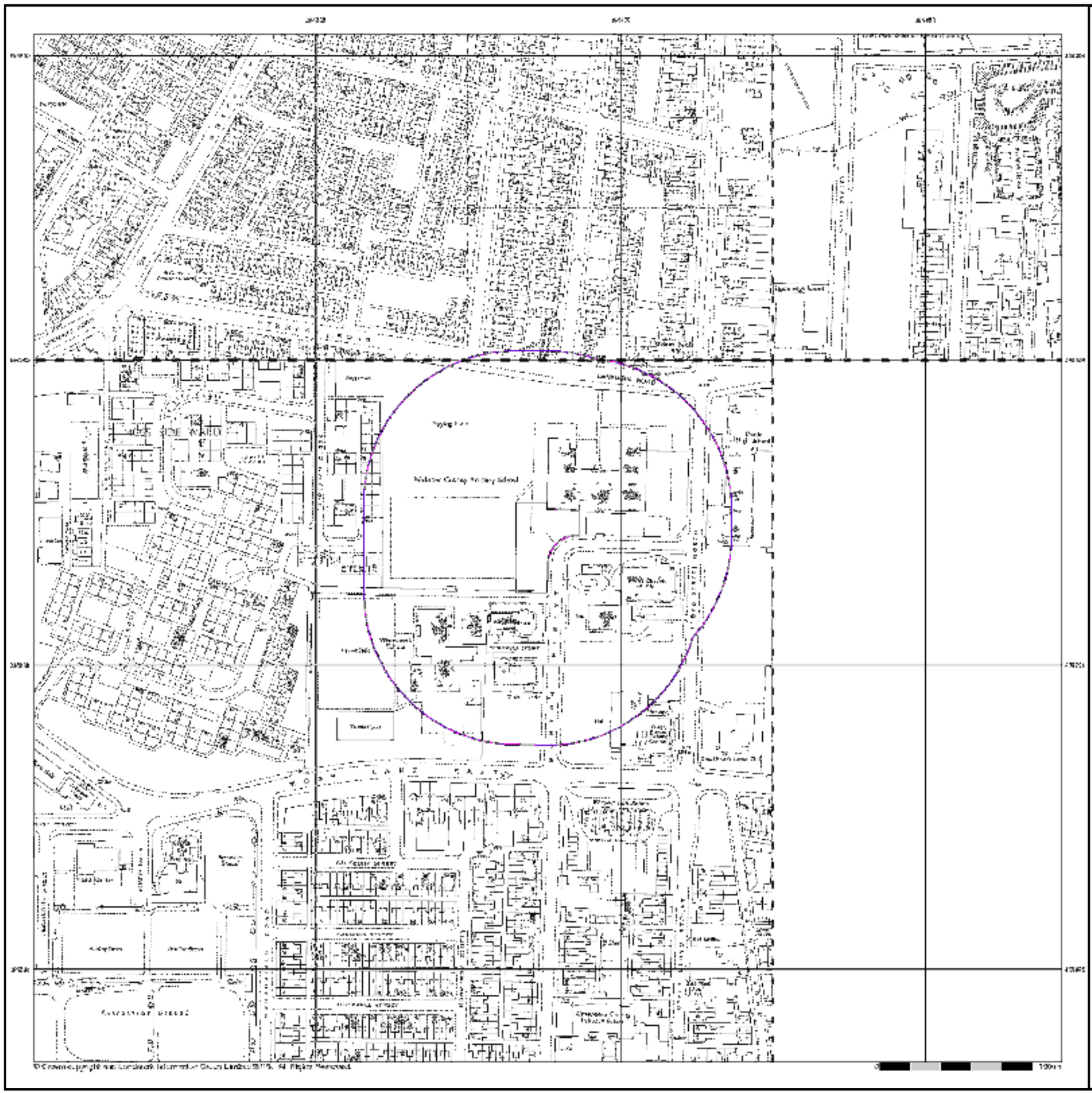

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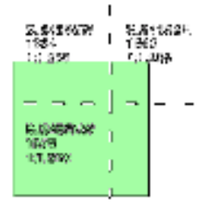
## Ordnance Survey Plan

## Published 1964 - 1980

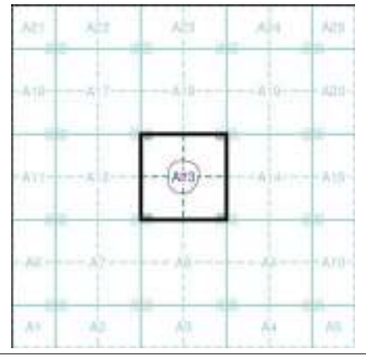
## Source map scale - 1:1,250

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

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| National Grid Reference: | 384350, 395880 |
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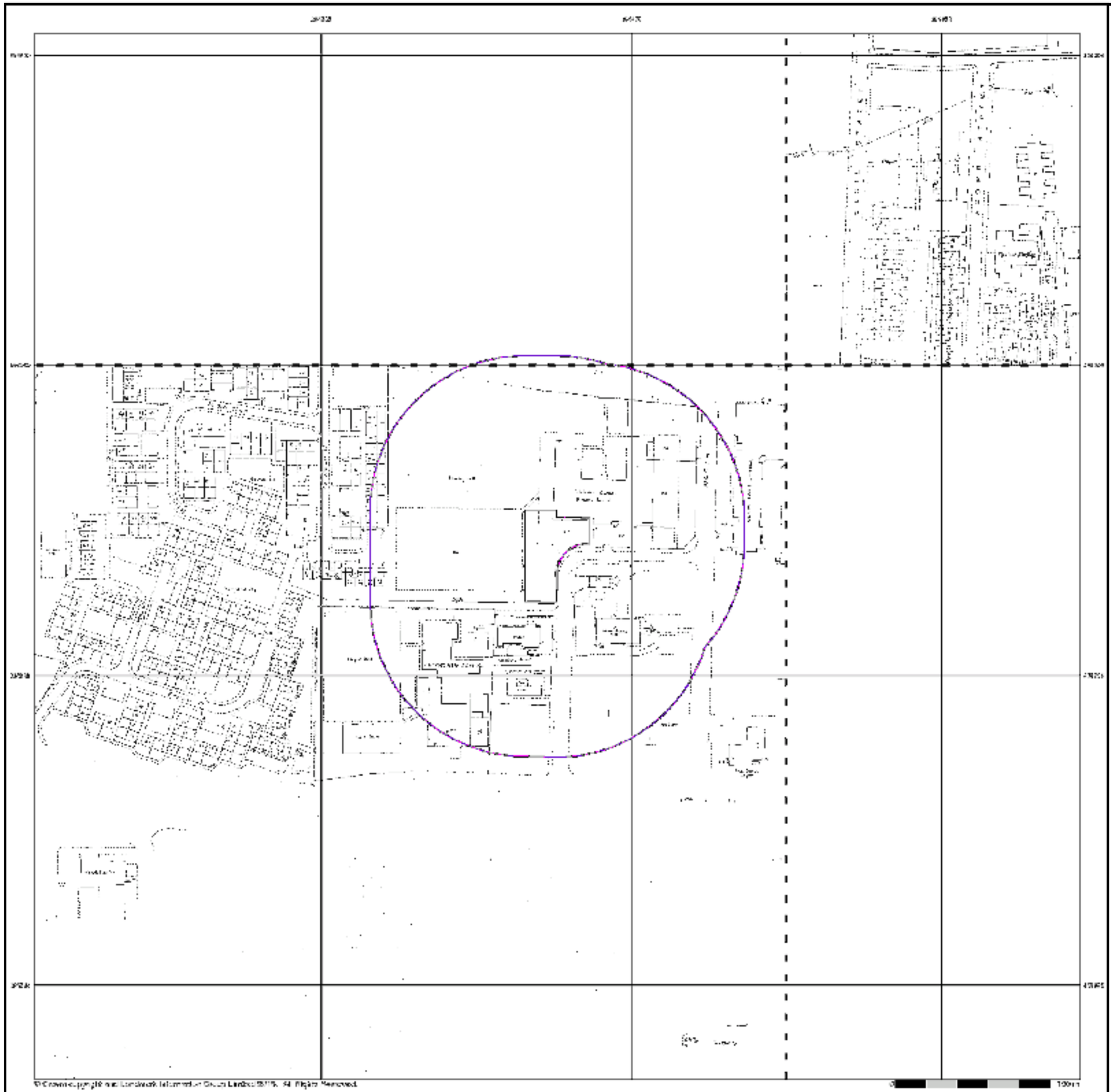
| Search Buffer (m): | 100 |

### Site Details

Webster Junior School, Denmark Road, Manchester, M15 6J U



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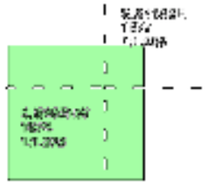
## Supply of Unpublished Survey Information

### Published 1974 - 1977

### Source map scale - 1:1,250

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

## Map Name(s) and Date(s)



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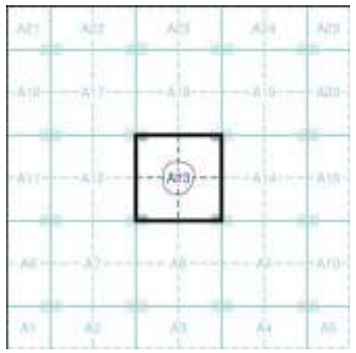


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| Order Number: | 137660777_1_1 |
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| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 100 |

## Site Details

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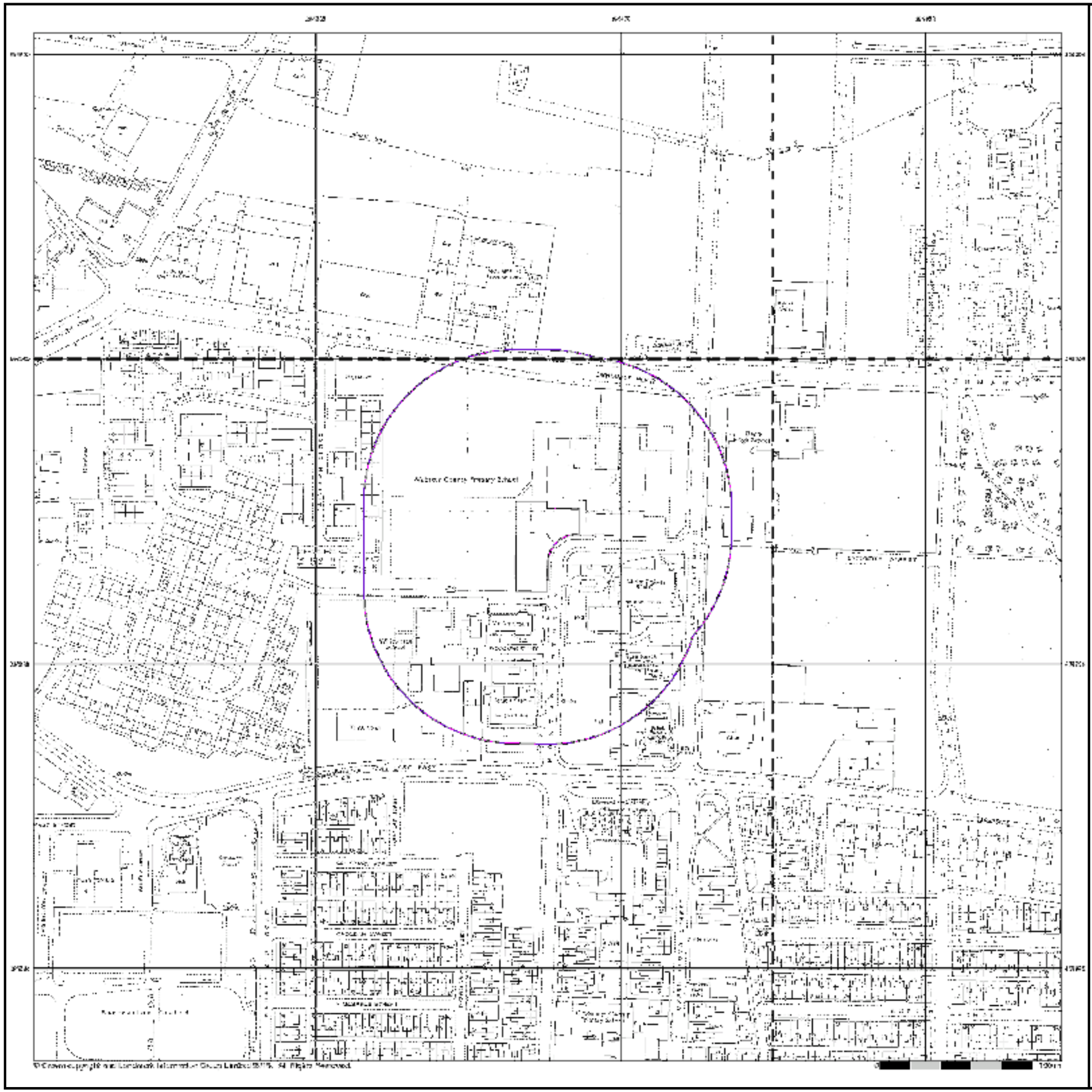


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## Additional SIMs

**Published 1977 - 1984**

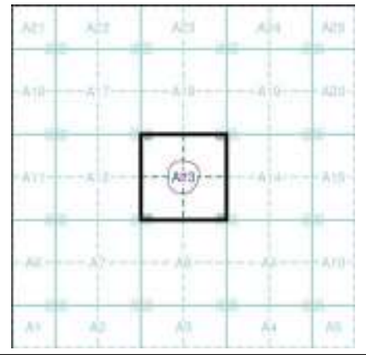
**Source map scale - 1:1,250**

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

## Map Name(s) and Date(s)



## Historical Map - Segment A13

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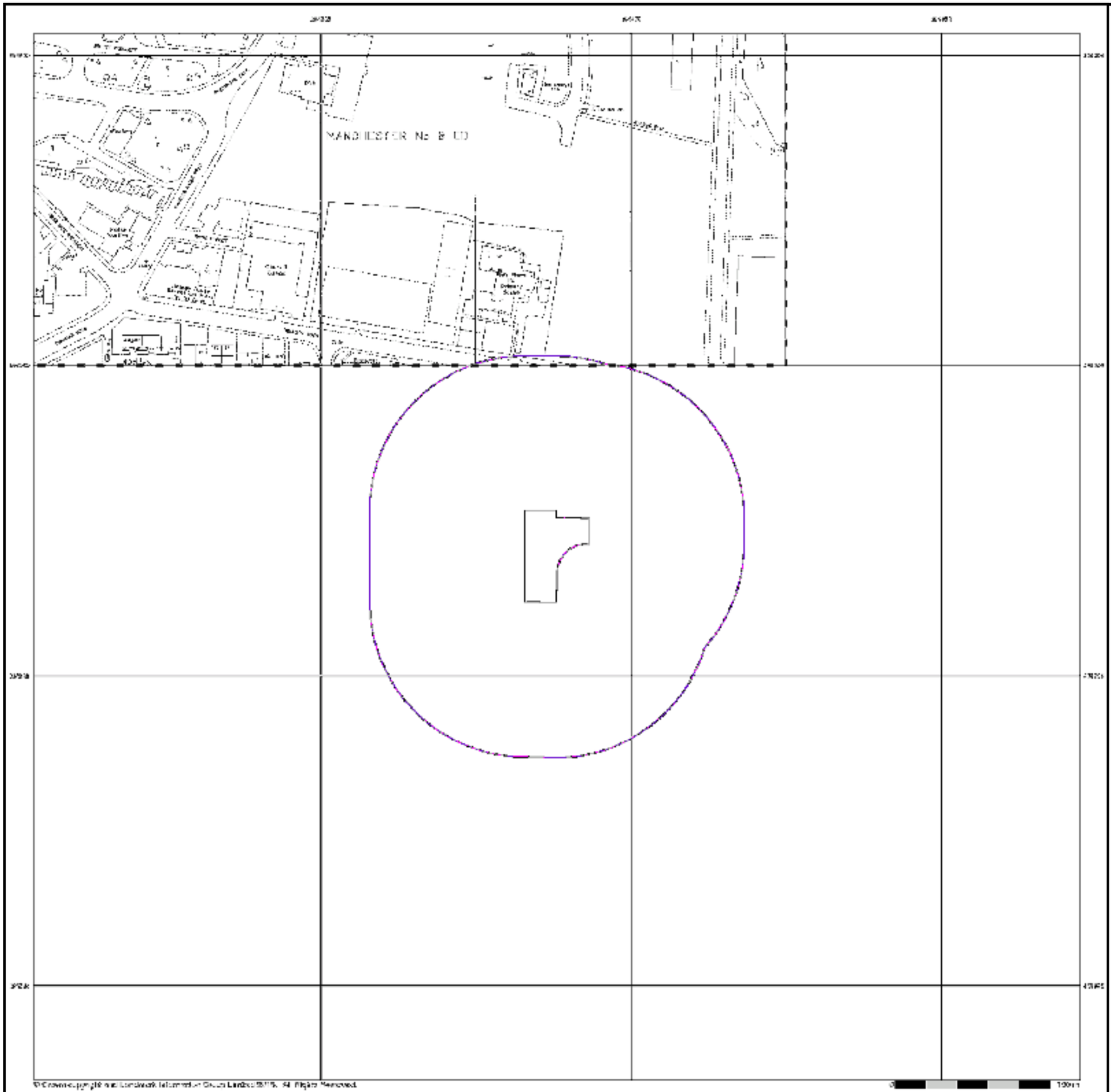


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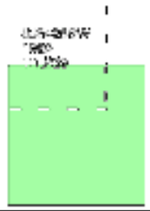
## Ordnance Survey Plan

## Published 1985

## 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)



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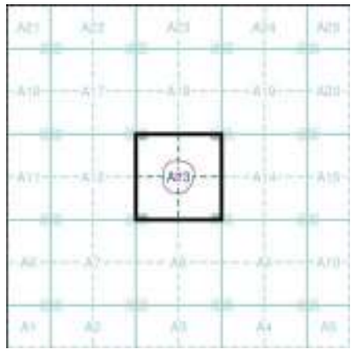


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| Customer Ref: | LKC 17 1298 |
| National Grid Reference: | 384350, 395880 |
| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 100 |

## Site Details

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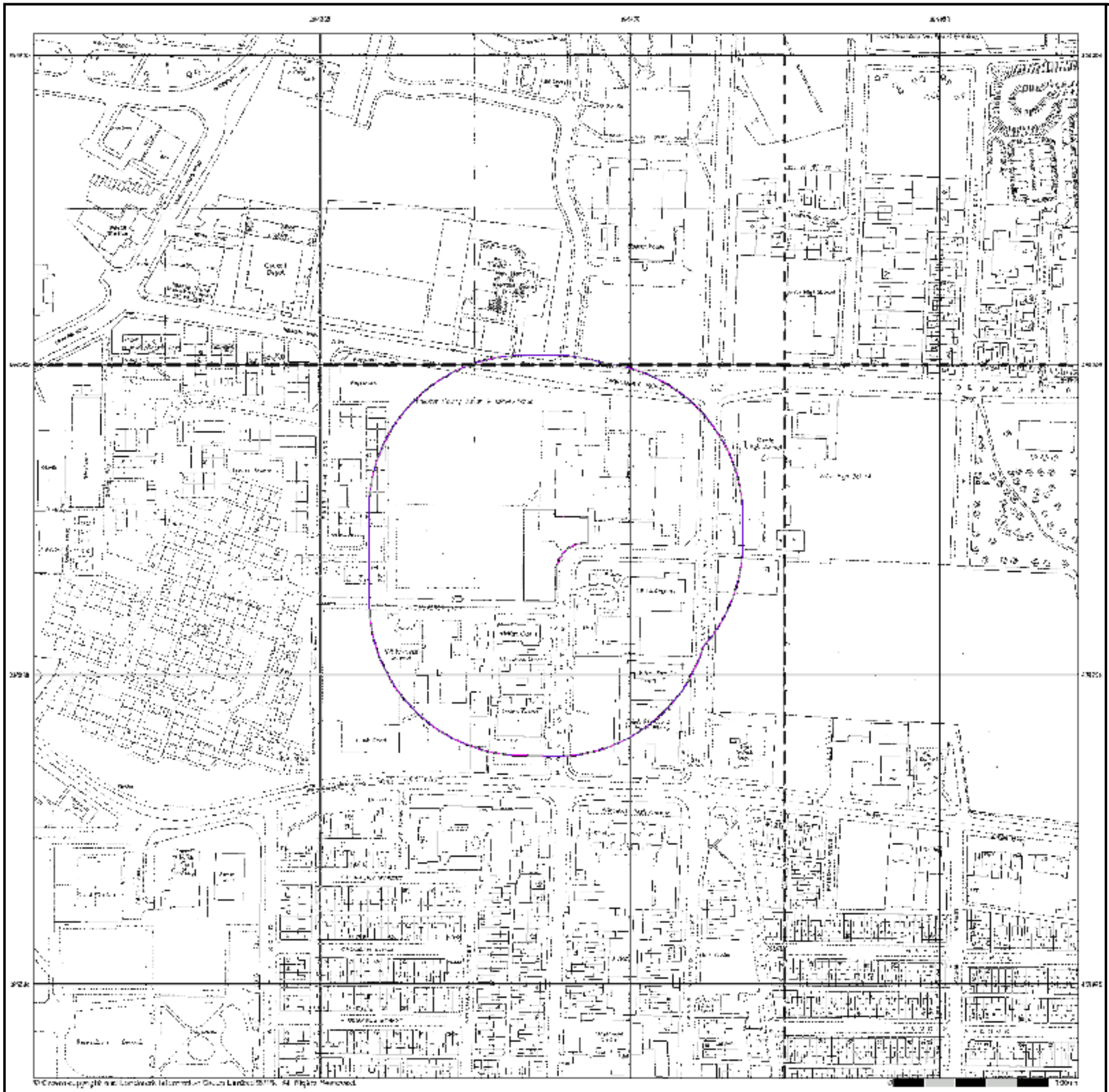
Web: www.envirocheck.co.uk



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## Additional SIMs

**Published 1985 - 1989**

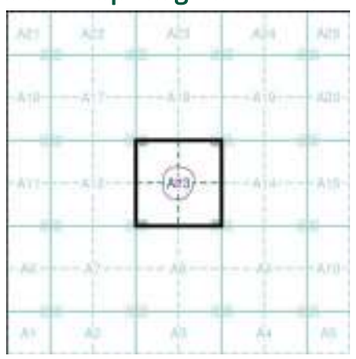
**Source map scale - 1:1,250**

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

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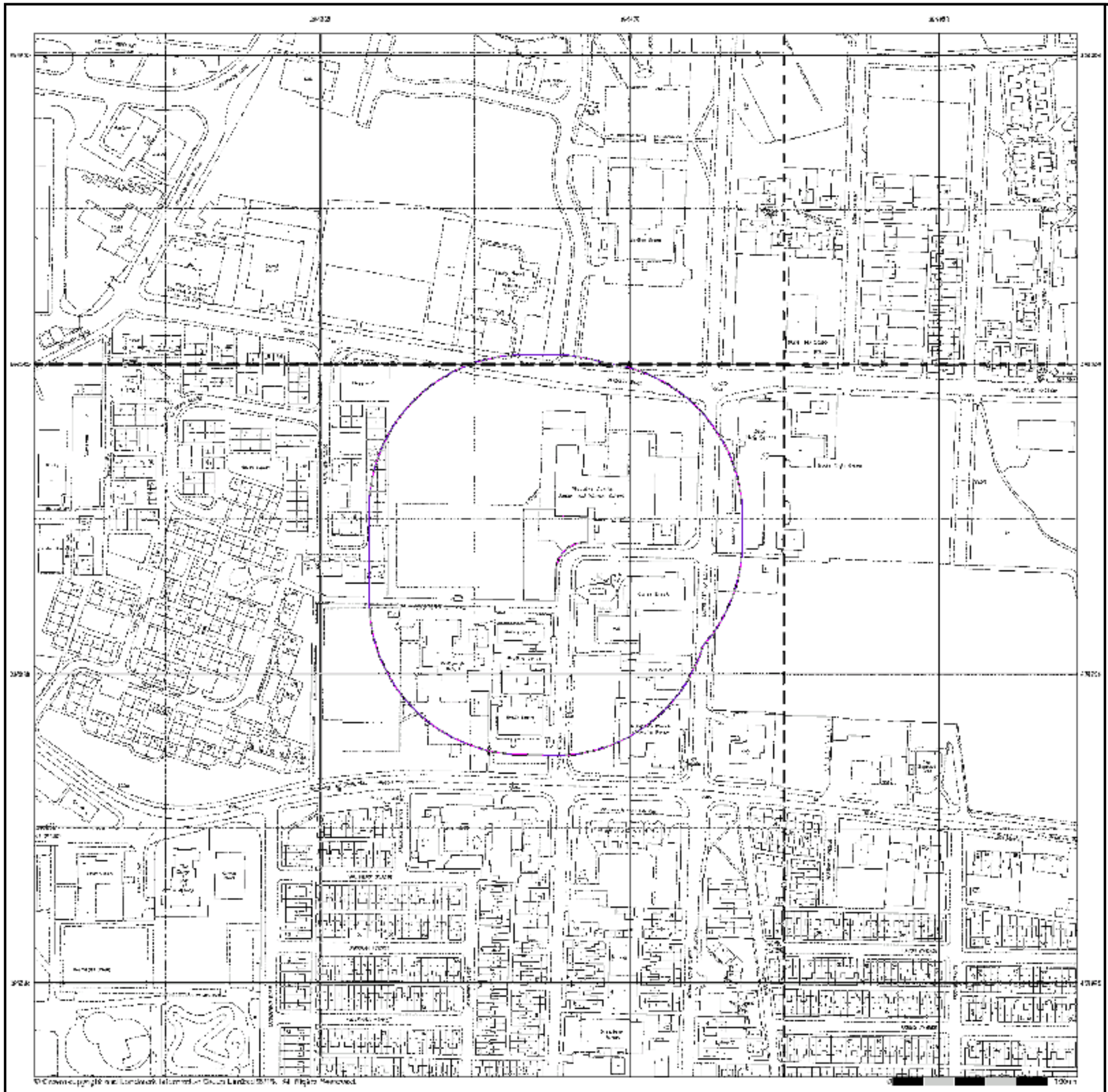
| Order Number: | 137660777_1_1 |
| Customer Ref: | LKC 17 1298 |
| National Grid Reference: | 384350, 395880 |
| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 100 |

## Site Details

Webster Junior School, Denmark Road, Manchester, M15 6JU

Landmark INFORMATION GROUP

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



LK CONSULT LIMITED

## Large-Scale National Grid Data

**Published 1992**

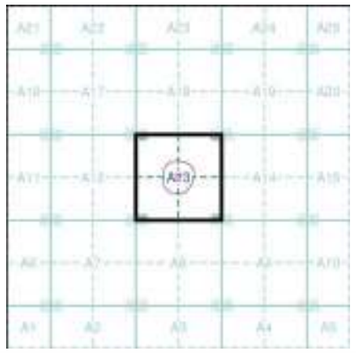
**Source map scale - 1:1,250**

'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)



## Historical Map - Segment A13




## Order Details

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| Order Number: | 137660777_1_1 |
| Customer Ref: | LKC 17 1298 |
| National Grid Reference: | 384350, 395880 |
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| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 100 |

## Site Details

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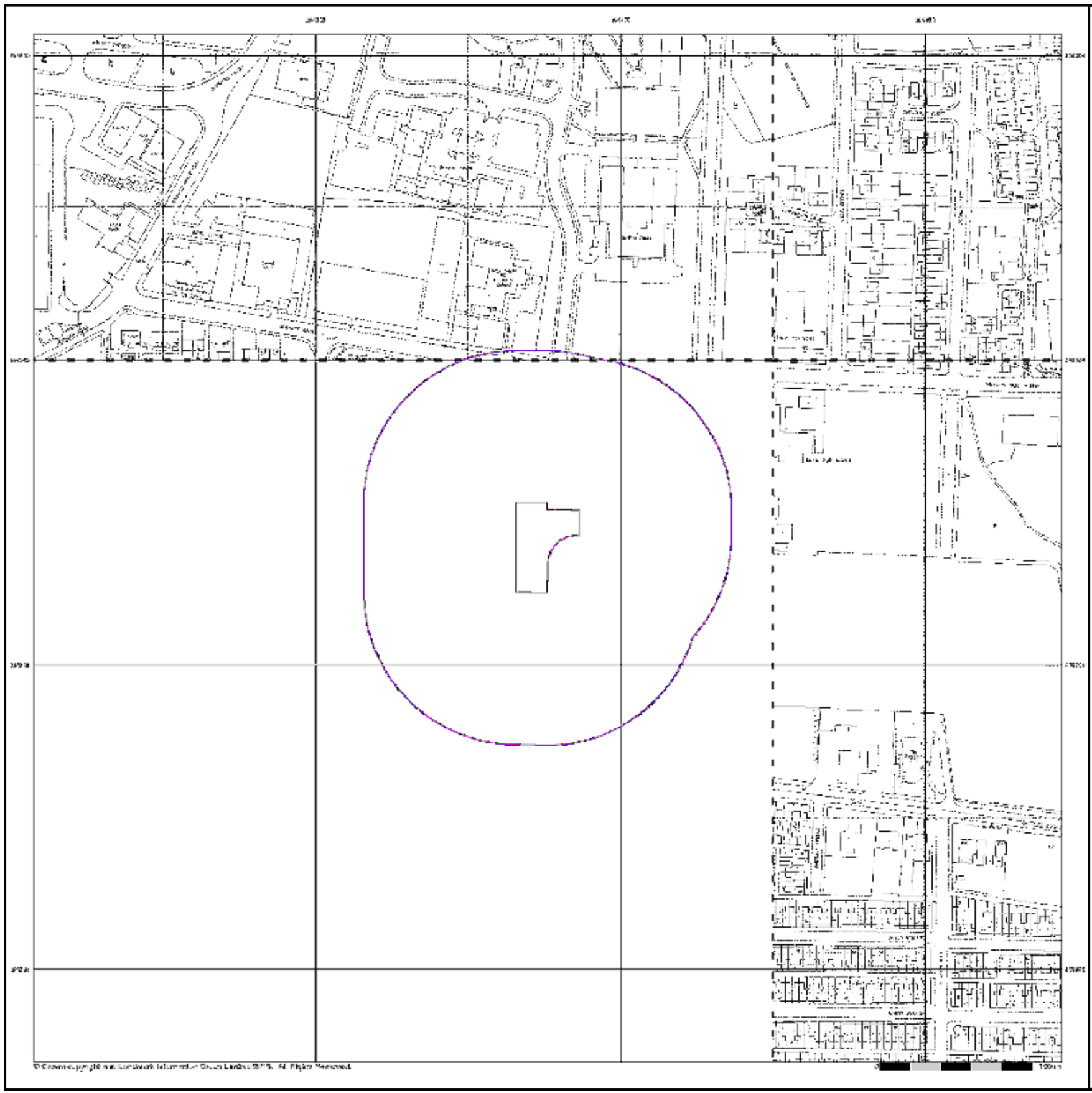

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LK CONSULT LIMITED

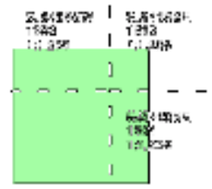
## Large-Scale National Grid Data

**Published 1993 - 1994**

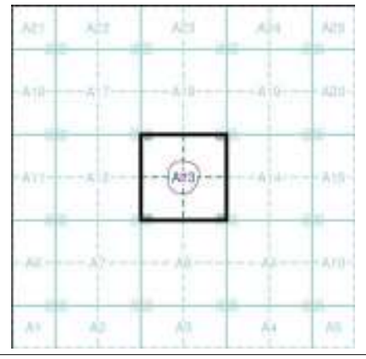
**Source map scale - 1:1,250**

'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)



## Historical Map - Segment A13

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| Order Number: | 137660777_1_1 |
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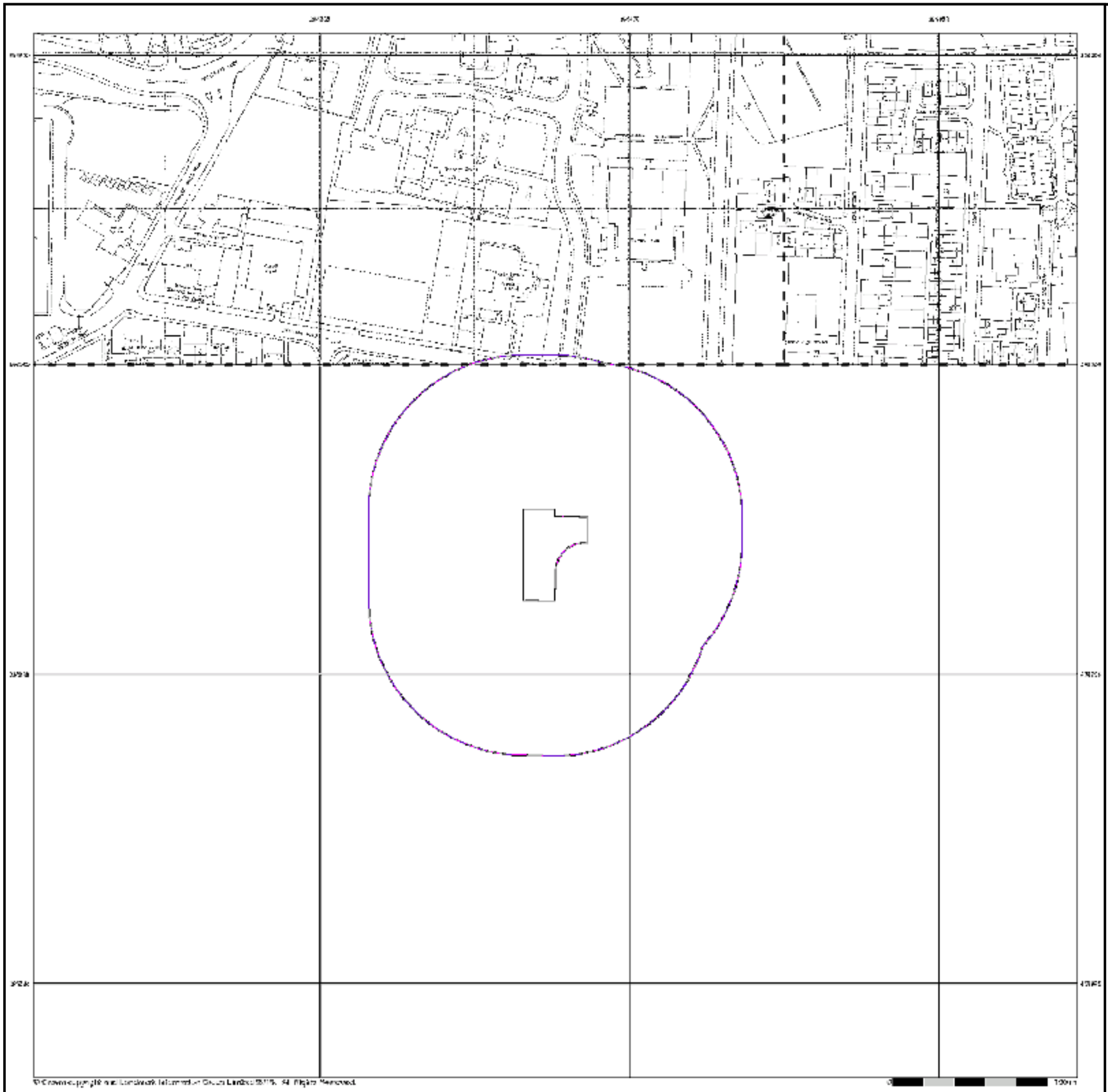


LK CONSULT LIMITED

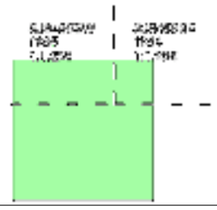
## Large-Scale National Grid Data

**Published 1994 - 1995**

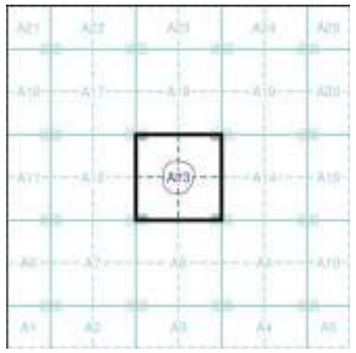
**Source map scale - 1:1,250**

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

## Map Name(s) and Date(s)



## Historical Map - Segment A13

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| Order Number: | 137660777_1_1 |
| Customer Ref: | LKC 17 1298 |
| National Grid Reference: | 384350, 395880 |
| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 100 |

## Site Details

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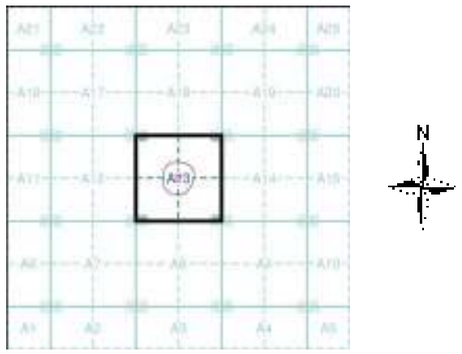
# Historical Aerial Photography

## 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

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| Customer Ref: | LKC 17 1298 |
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### Site Details

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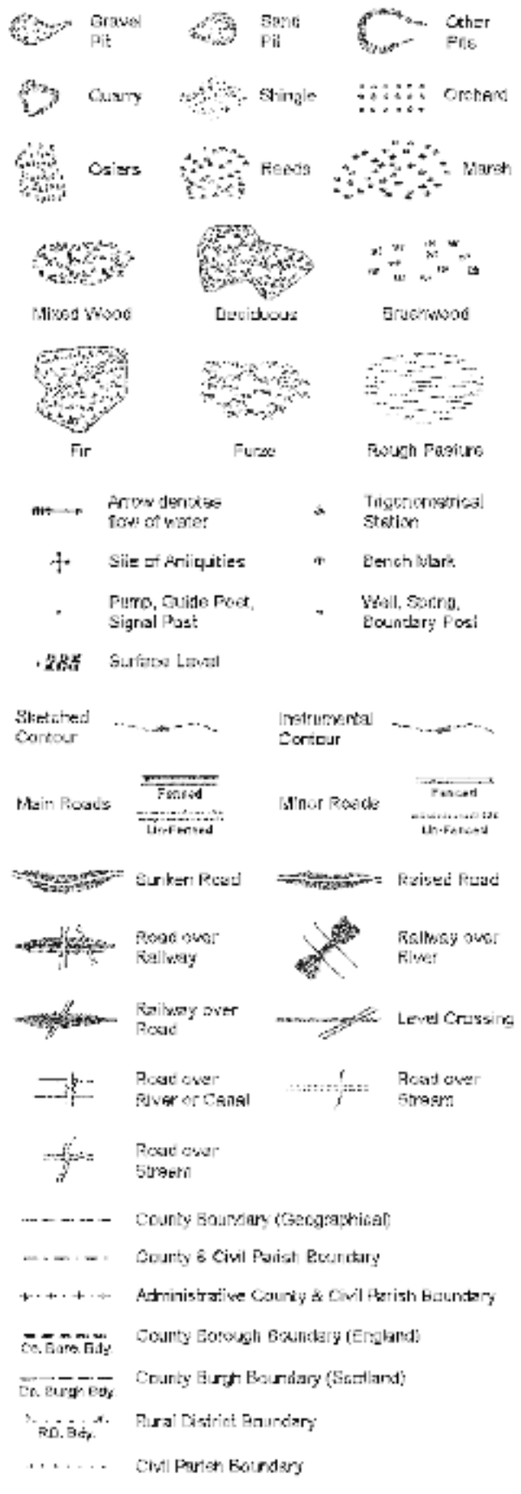
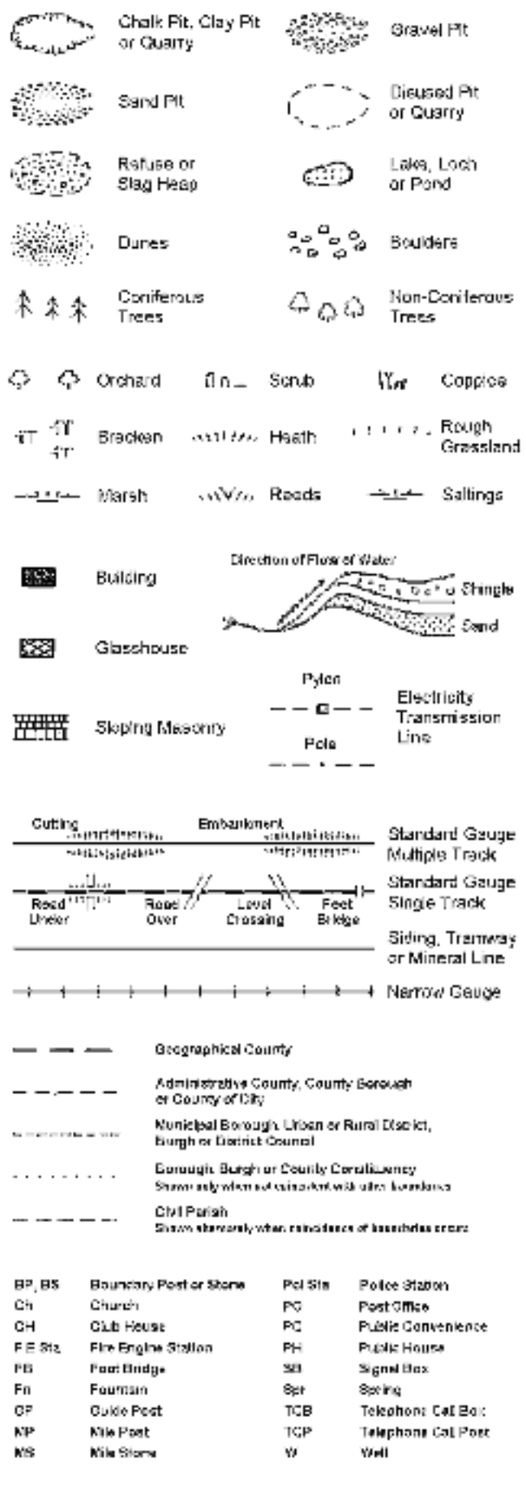
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

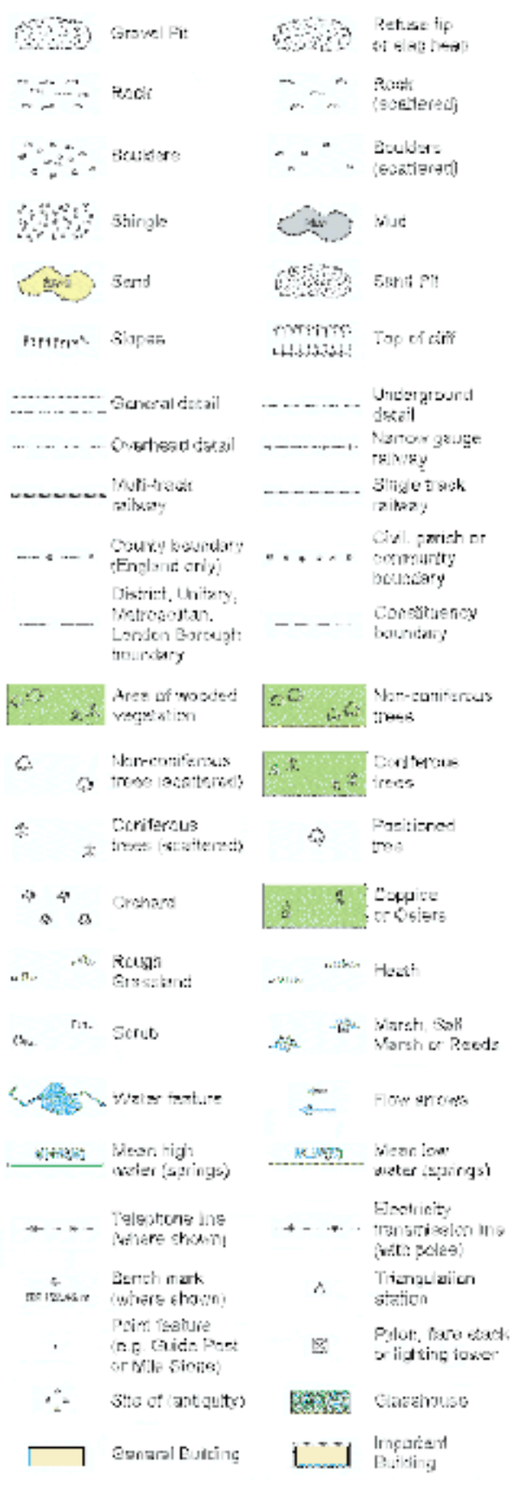



## Ordnance Survey Plan 1:10,000




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

## 1:10,000 Raster Mapping

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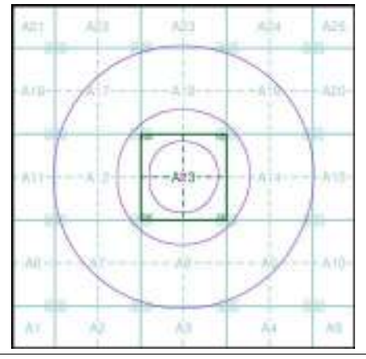
## Historical Mapping & Photography included:

| 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 |
| Cheshire | 1:10,560 | 1899 | 6 |
| Lancashire And Furness | 1:10,560 | 1908 - 1909 | 7 |
| Cheshire | 1:10,560 | 1911 | 8 |
| Lancashire And Furness | 1:10,560 | 1923 | 9 |
| Lancashire And Furness | 1:10,560 | 1932 - 1934 | 10 |
| Lancashire And Furness | 1:10,560 | 1938 | 11 |
| Cheshire | 1:10,560 | 1938 | 12 |
| Ordnance Survey Plan | 1:10,000 | 1955 - 1956 | 13 |
| Ordnance Survey Plan | 1:10,000 | 1965 - 1968 | 14 |
| Ordnance Survey Plan | 1:10,000 | 1972 - 1976 | 15 |
| Manchester | 1:25,000 | 1975 | 16 |
| Ordnance Survey Plan | 1:10,000 | 1980 - 1985 | 17 |
| Ordnance Survey Plan | 1:10,000 | 1985 - 1989 | 18 |
| Ordnance Survey Plan | 1:10,000 | 1989 | 19 |
| Ordnance Survey Plan | 1:10,000 | 1990 - 1994 | 20 |
| 10K Raster Mapping | 1:10,000 | 1999 | 21 |
| 10K Raster Mapping | 1:10,000 | 2006 | 22 |
| VectorMap Local | 1:10,000 | 2017 | 23 |

## Historical Map - Slice A




## Order Details

Order Number: 137660777_1_1
Customer Ref: LKC 17 1298
National Grid Reference: 384350, 395880
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

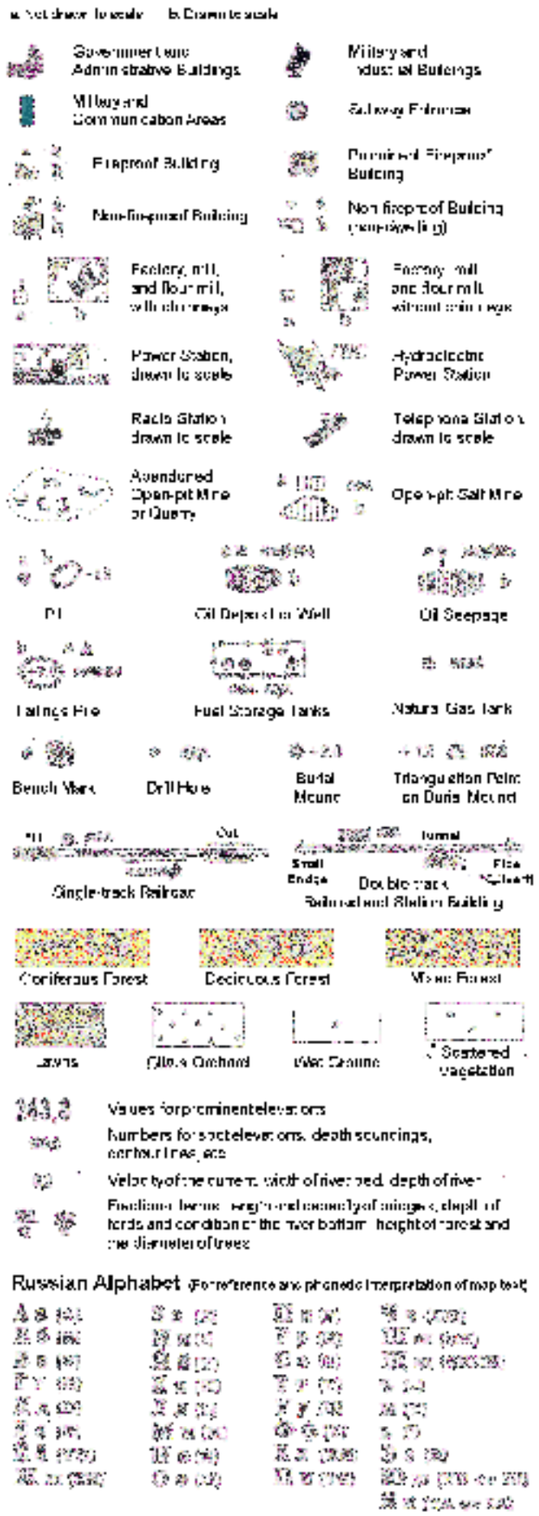
## Site Details

Webster Junior School, Denmark Road, Manchester, M15 6J U


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




## 1:25,000 mapping




## Key to Numbers on Mapping

### SJ89_Manchester

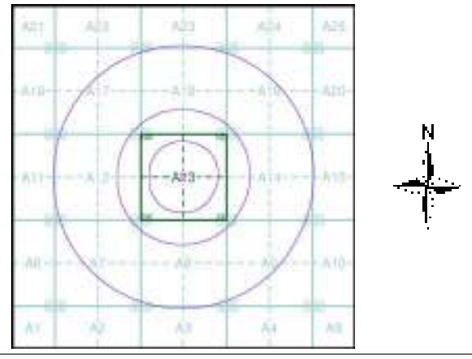
| No. | Description |
|---|---|
| 20 | Depot (Bus) |
| 217 | Education Establishment (University) |

LK CONSULT LIMITED

## 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 |
| Cheshire | 1:10,560 | 1899 | 6 |
| Lancashire And Furness | 1:10,560 | 1908 - 1909 | 7 |
| Cheshire | 1:10,560 | 1911 | 8 |
| Lancashire And Furness | 1:10,560 | 1923 | 9 |
| Lancashire And Furness | 1:10,560 | 1932 - 1934 | 10 |
| Lancashire And Furness | 1:10,560 | 1938 | 11 |
| Cheshire | 1:10,560 | 1938 | 12 |
| Ordnance Survey Plan | 1:10,000 | 1955 - 1956 | 13 |
| Ordnance Survey Plan | 1:10,000 | 1965 - 1968 | 14 |
| Ordnance Survey Plan | 1:10,000 | 1972 - 1976 | 15 |
| Manchester | 1:25,000 | 1975 | 16 |
| Ordnance Survey Plan | 1:10,000 | 1980 - 1985 | 17 |
| Ordnance Survey Plan | 1:10,000 | 1985 - 1989 | 18 |
| Ordnance Survey Plan | 1:10,000 | 1989 | 19 |
| Ordnance Survey Plan | 1:10,000 | 1990 - 1994 | 20 |
| 10K Raster Mapping | 1:10,000 | 1999 | 21 |
| 10K Raster Mapping | 1:10,000 | 2006 | 22 |
| VectorMap Local | 1:10,000 | 2017 | 23 |

## Russian Map - Slice A



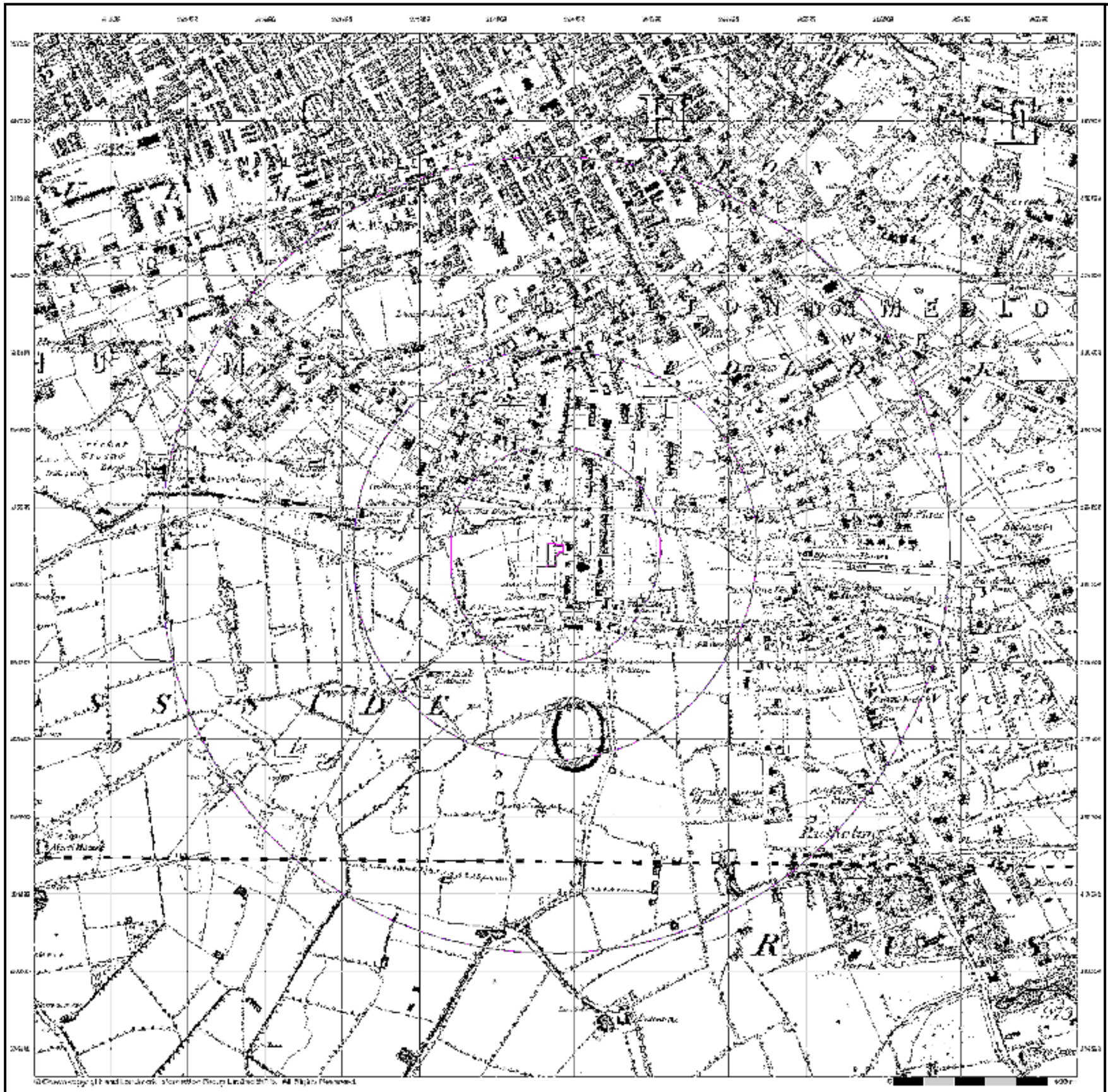

## Order Details

Order Number: 137660777_1_1
Customer Ref: LKC 17 1298
National Grid Reference: 384350, 395880
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

## Site Details

Webster Junior School, Denmark Road, Manchester, M15 6J U


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




LK CONSULT LIMITED

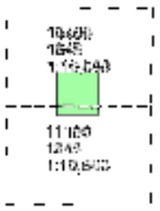
## Lancashire And Furness

## Published 1848

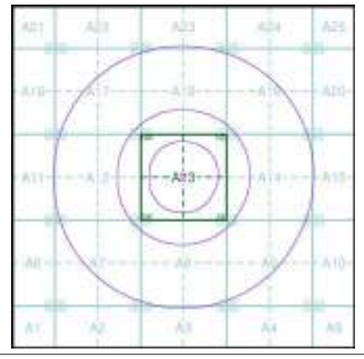
## Source map scale - 1:10,560

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

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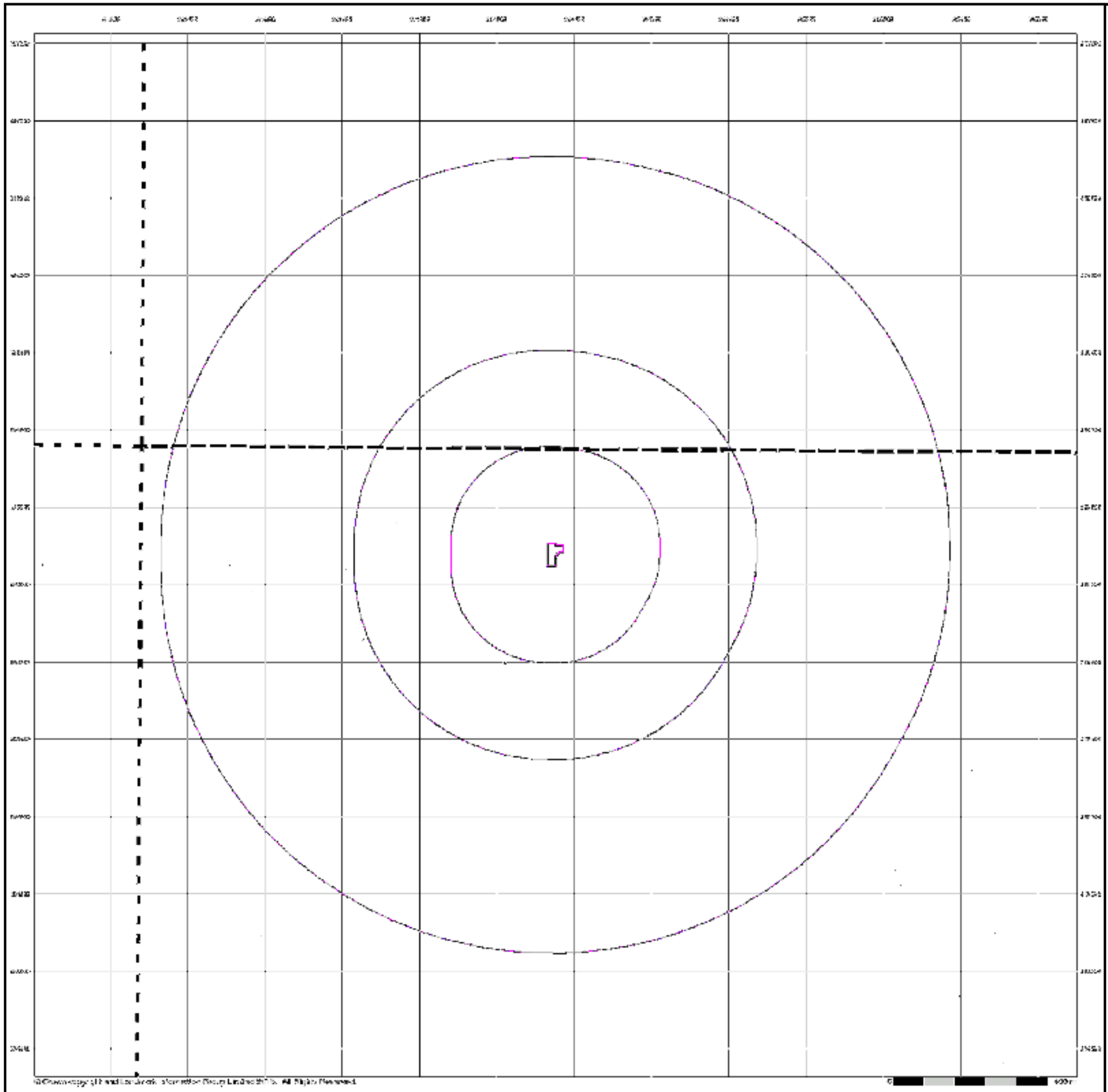
## Site Details

Webster Junior School, Denmark Road, Manchester, M15 6J U



LK CONSULT LIMITED

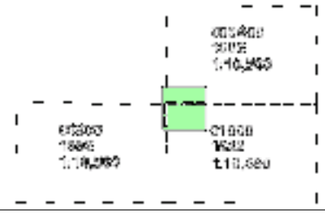
## Cheshire

## Published 1882

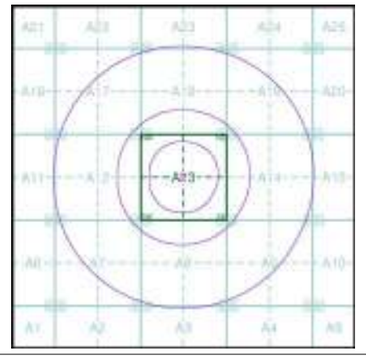
## Source map scale - 1:10,560

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

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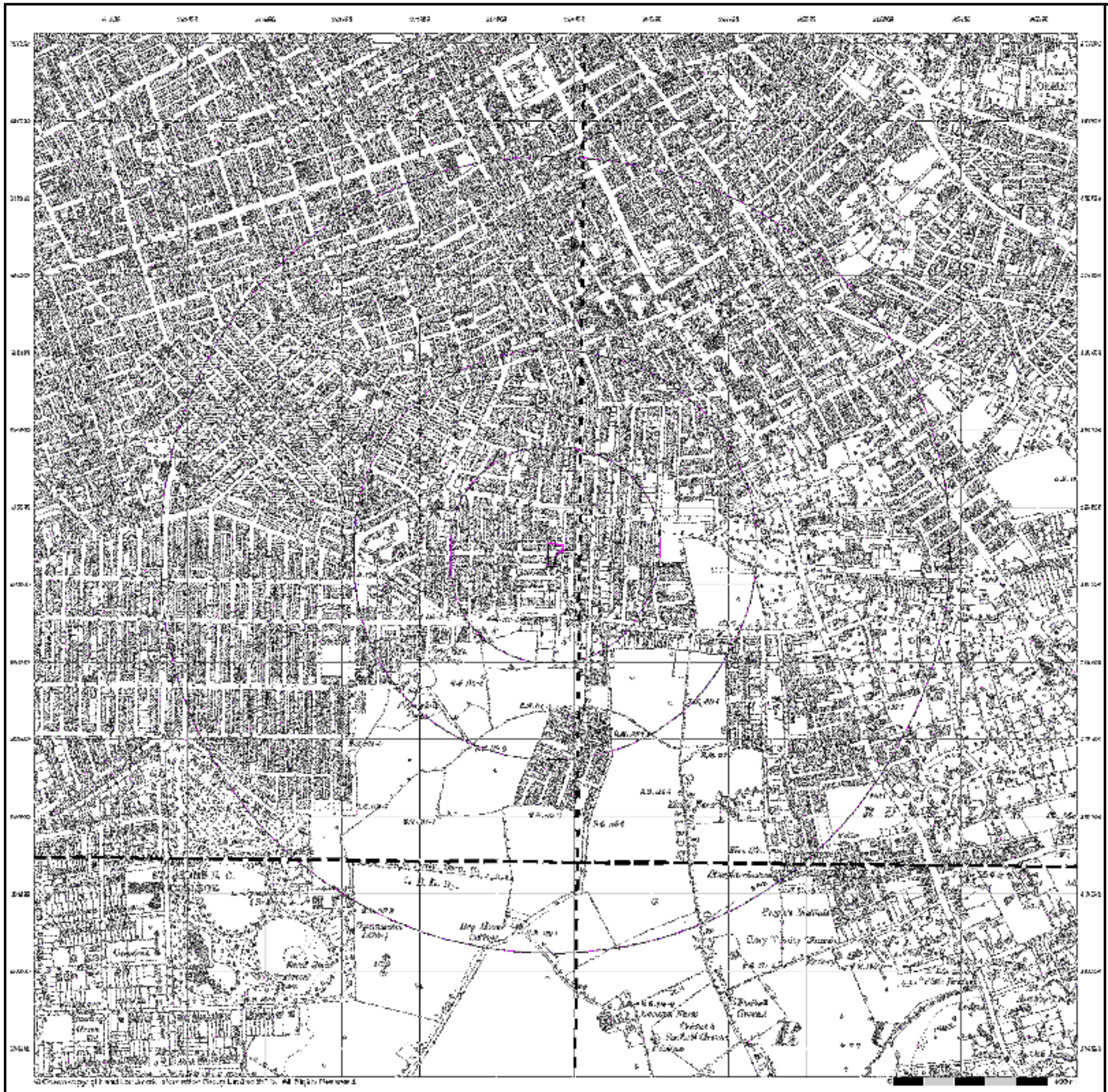


LK CONSULT LIMITED

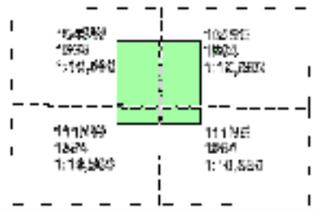
## Lancashire And Furness

## Published 1894 - 1896

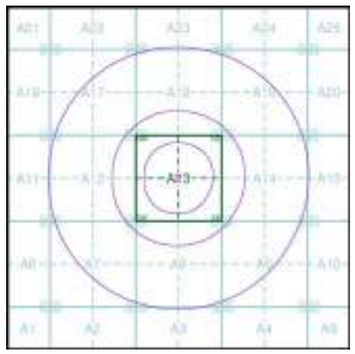
## Source map scale - 1:10,560

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

## Map Name(s) and Date(s)



## Historical Map - Slice A



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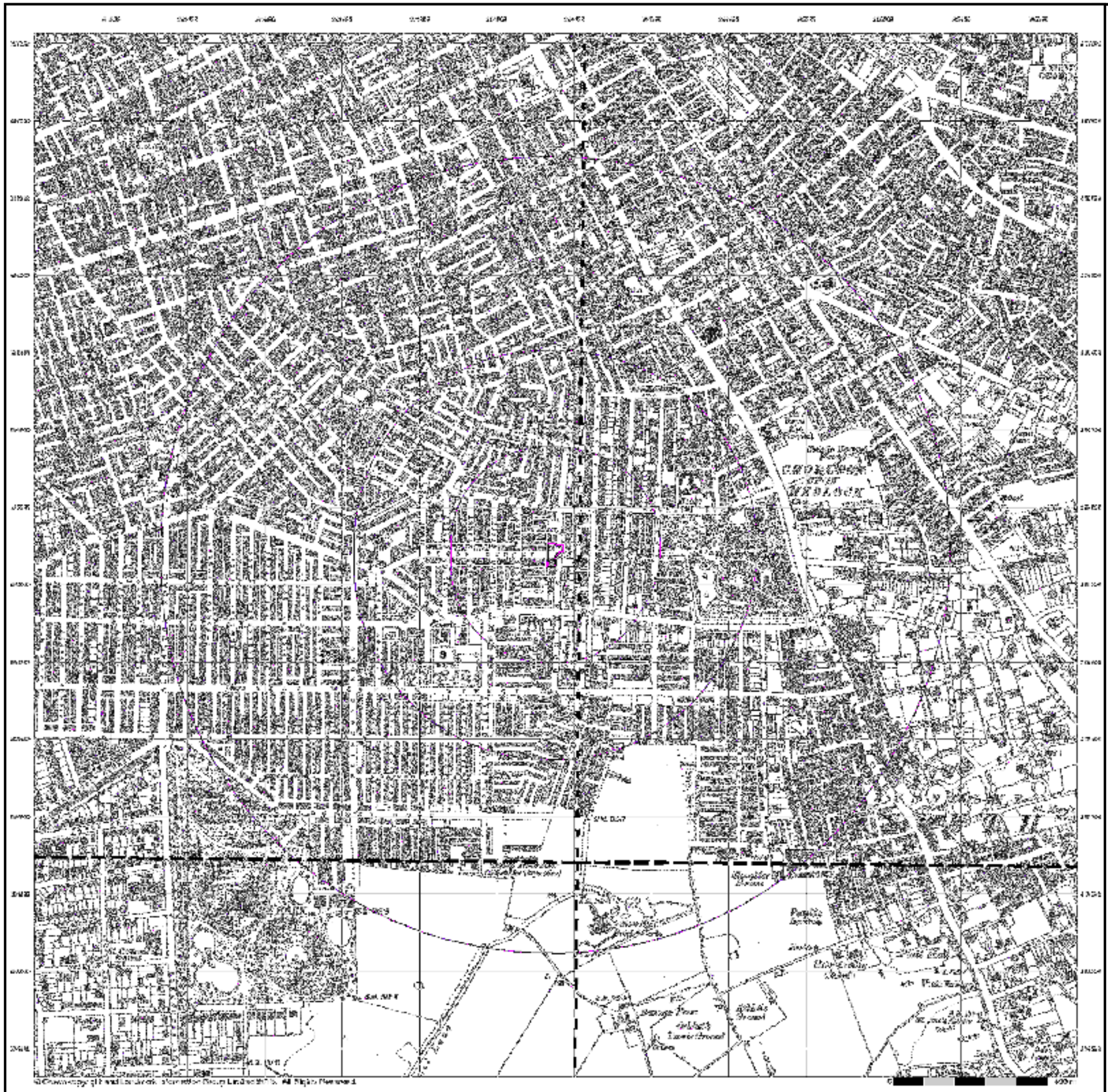


LK CONSULT LIMITED

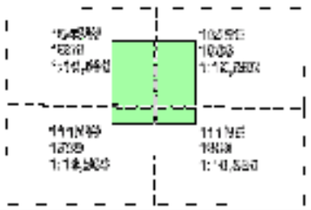
## Lancashire And Furness

## Published 1908 - 1909

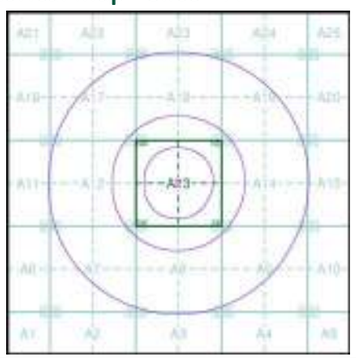
## Source map scale - 1:10,560

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)



## Historical Map - Slice A

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| Search Buffer (m): | 1000 |

## Site Details

Webster Junior School, Denmark Road, Manchester, M15 6J U



LK CONSULT LIMITED

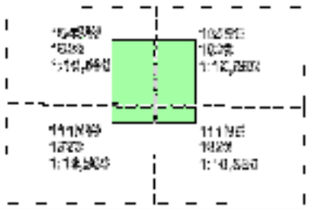
## Lancashire And Furness

## Published 1923

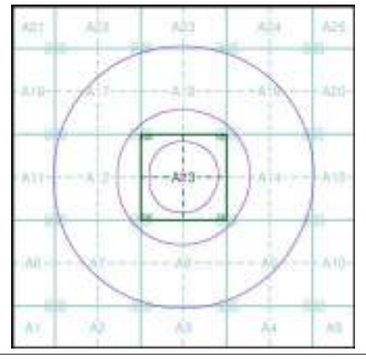
## Source map scale - 1:10,560

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)



## Historical Map - Slice A




## Order Details

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| Order Number: | 137660777_1_1 |
| Customer Ref: | LKC 17 1298 |
| National Grid Reference: | 384350, 395880 |
| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 1000 |

## Site Details

Webster Junior School, Denmark Road, Manchester, M15 6J U

Landmark INFORMATION GROUP

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



LK CONSULT LIMITED

## 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.

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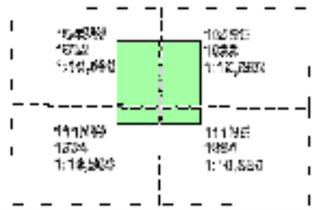
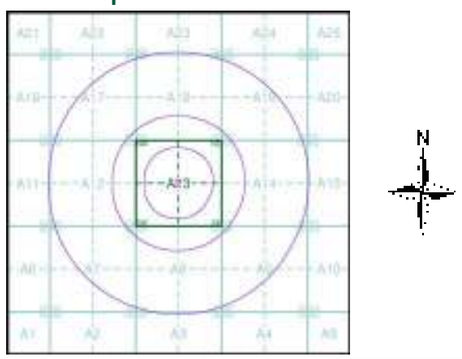


### Historical Map - Slice A



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### Site Details

Webster Junior School, Denmark Road, Manchester, M15 6JU



LK CONSULT LIMITED

## Lancashire And Furness

## Published 1938

## Source map scale - 1:10,560

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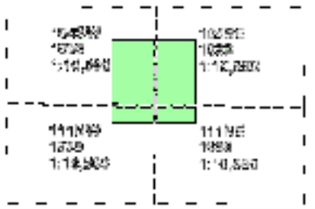
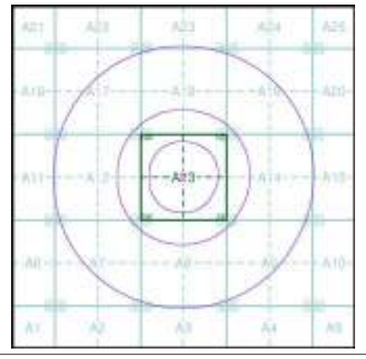


### Historical Map - Slice A

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### Site Details

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Landmark INFORMATION GROUP

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



LK CONSULT LIMITED

## Ordnance Survey Plan

## Published 1955 - 1956

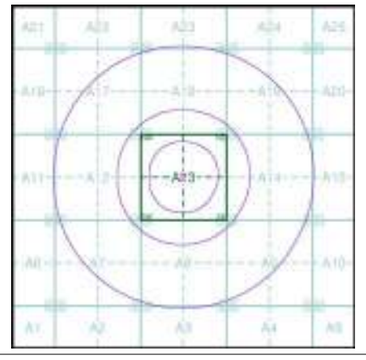
## Source map scale - 1:10,000

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)



## Historical Map - Slice A




## Order Details

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| Site Area (Ha): | 0.17 |
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## Site Details

Webster Junior School, Denmark Road, Manchester, M15 6J U




LK CONSULT LIMITED

## Ordnance Survey Plan

## Published 1972 - 1976

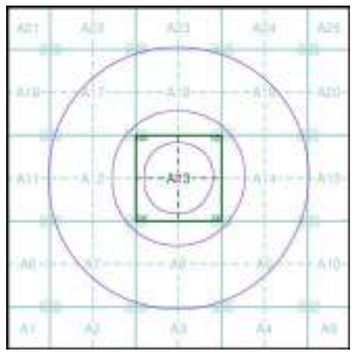
## Source map scale - 1:10,000

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

## Map Name(s) and Date(s)



## Historical Map - Slice A




## Order Details

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| National Grid Reference: | 384350, 395880 |
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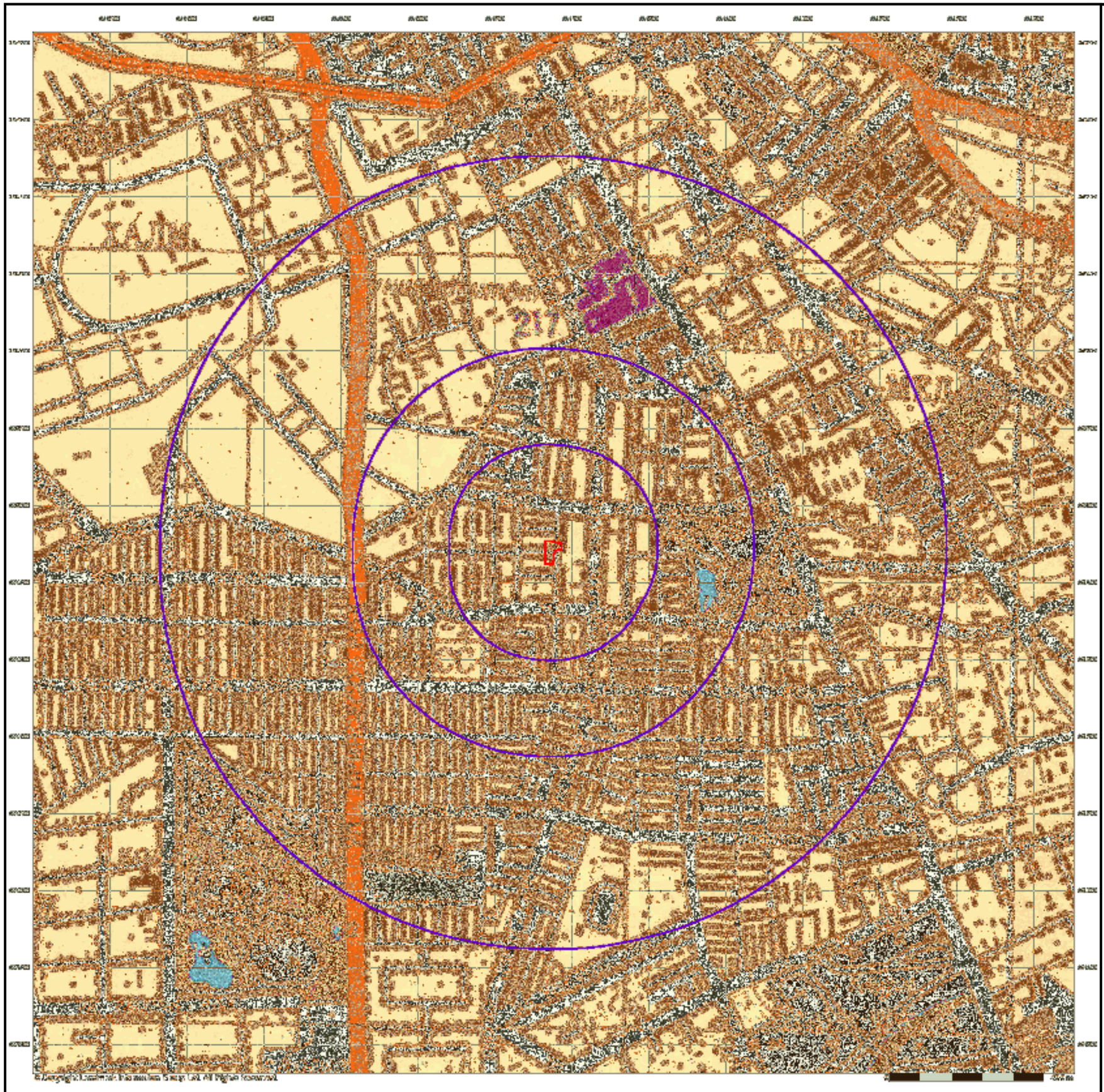



LK CONSULT LIMITED

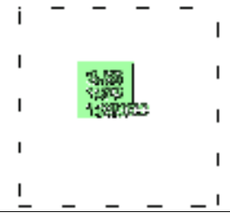
## Manchester

## Published 1975

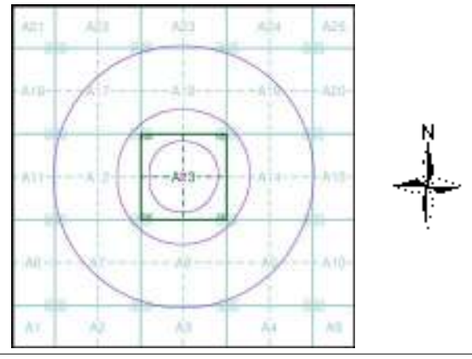
## Source map scale - 1:25,000

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

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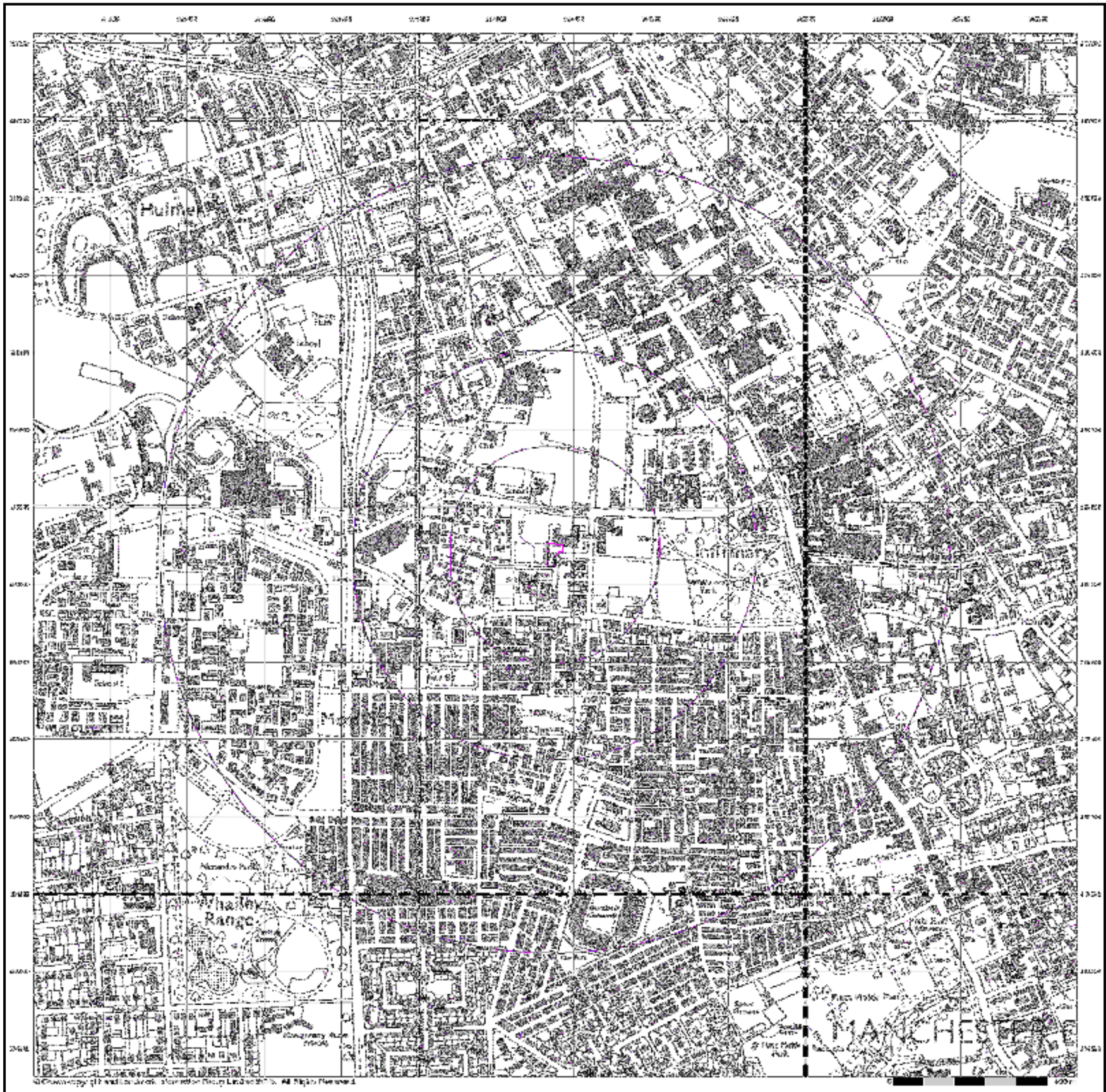
Webster Junior School, Denmark Road, Manchester, M15 6J U




LK CONSULT LIMITED

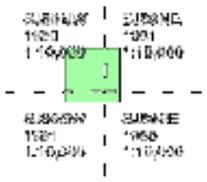
## Ordnance Survey Plan

### Published 1980 - 1985

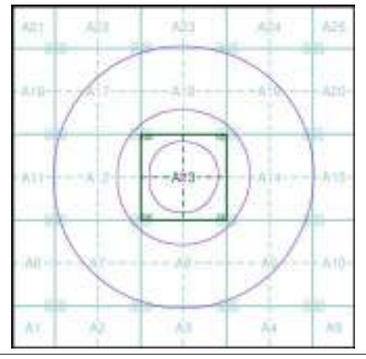
### Source map scale - 1:10,000

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)



## Historical Map - Slice A

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## Site Details

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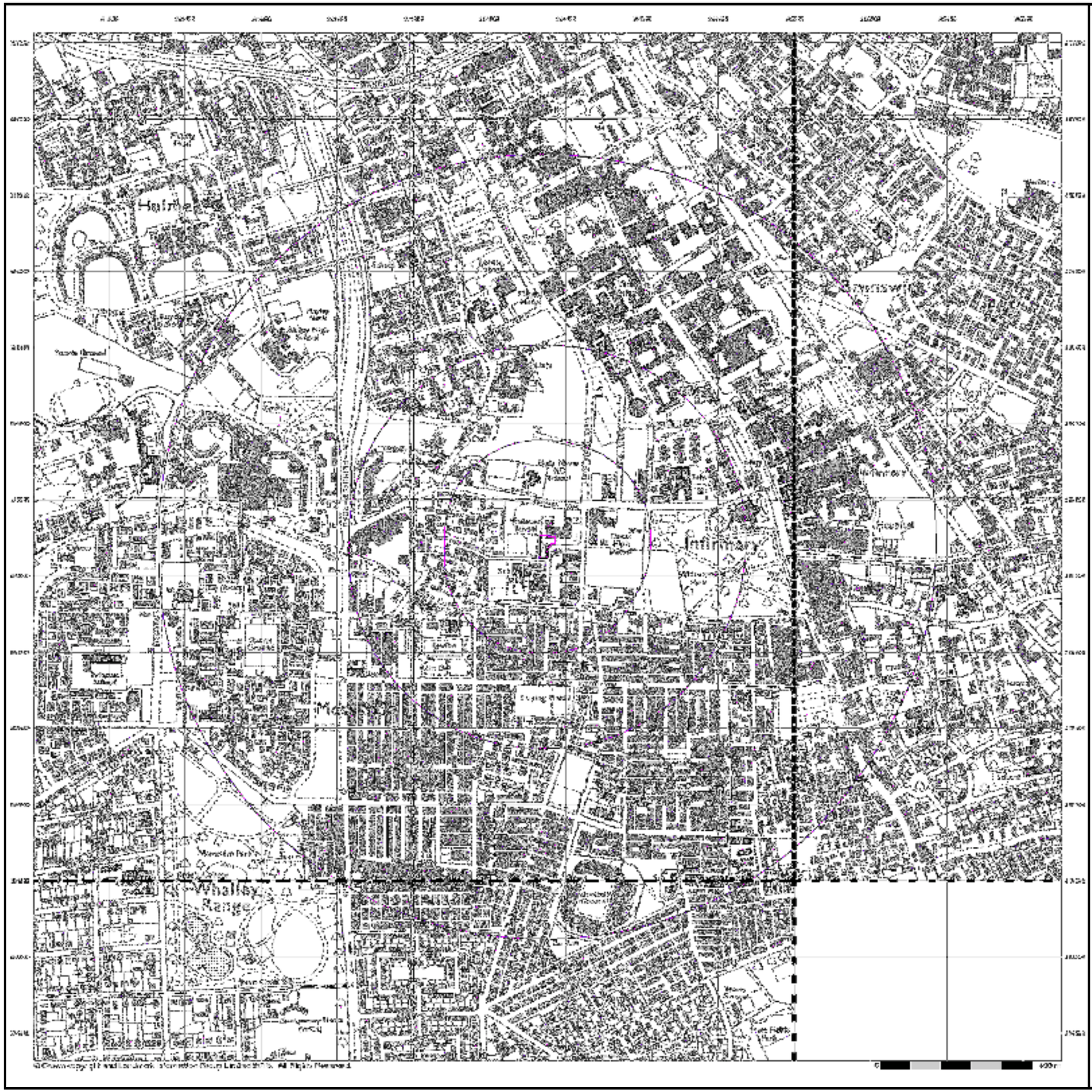


LK CONSULT LIMITED

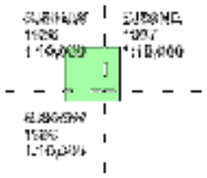
## Ordnance Survey Plan

## Published 1985 - 1989

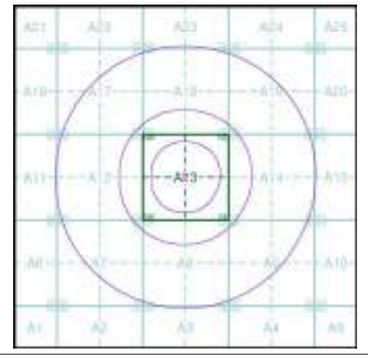
## Source map scale - 1:10,000

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)



## Historical Map - Slice A




## Order Details

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| Order Number: | 137660777_1_1 |
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## Site Details

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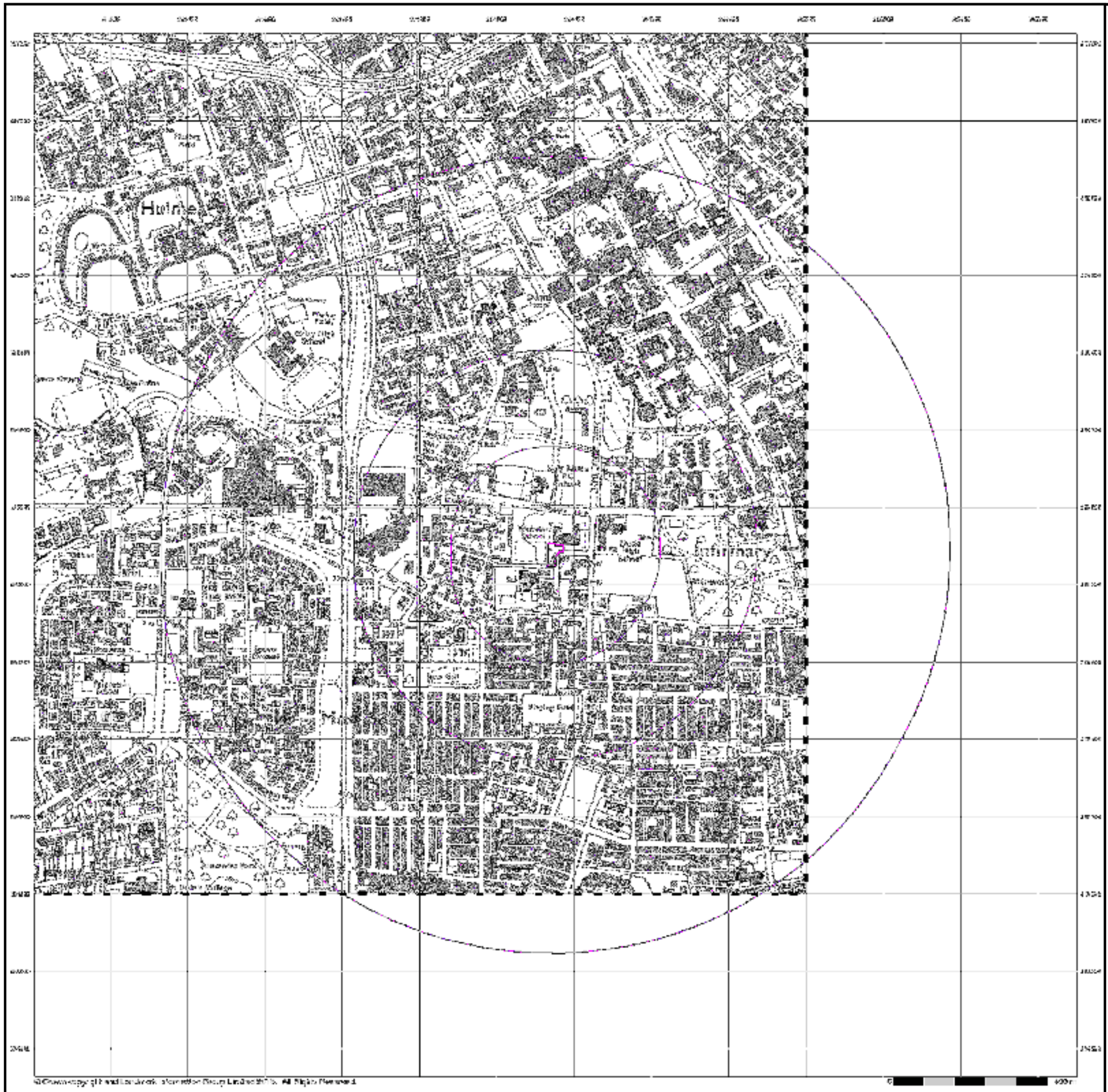


LK CONSULT LIMITED

## Ordnance Survey Plan

## Published 1989

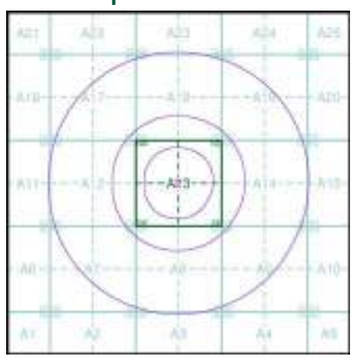
## Source map scale - 1:10,000

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)



## Historical Map - Slice A




## Order Details

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| Order Number: | 137660777_1_1 |
| Customer Ref: | LKC 17 1298 |
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| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 1000 |

## Site Details

Webster Junior School, Denmark Road, Manchester, M15 6J U



LK CONSULT LIMITED

## 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.

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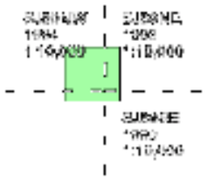
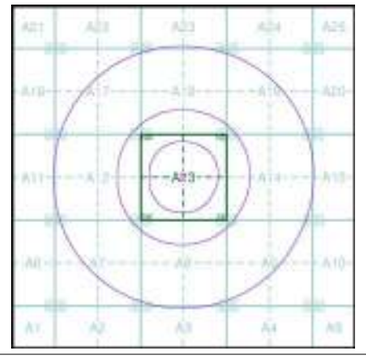


## Historical Map - Slice A

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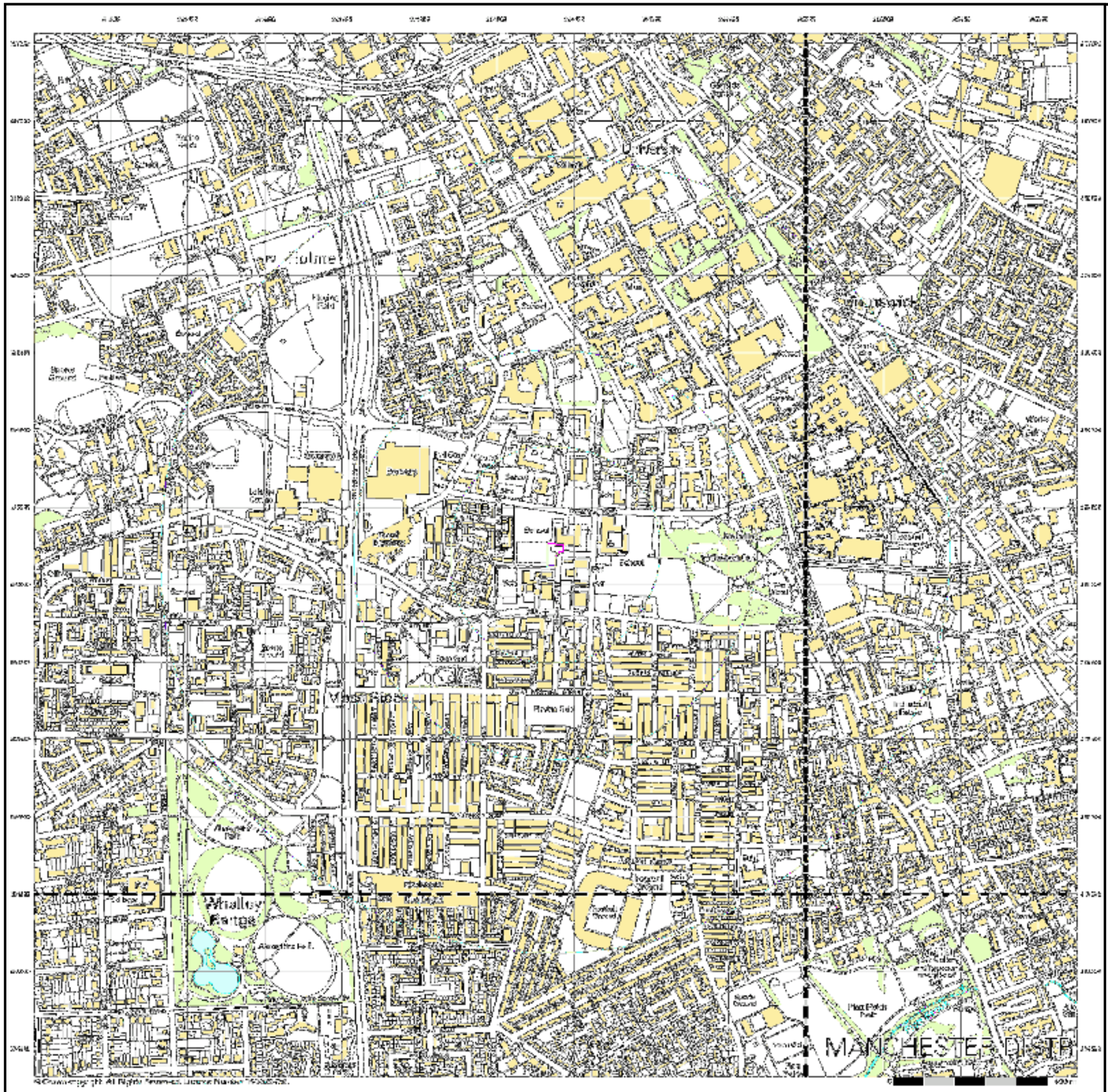



LK CONSULT LIMITED

## 10k Raster Mapping

## Published 1999

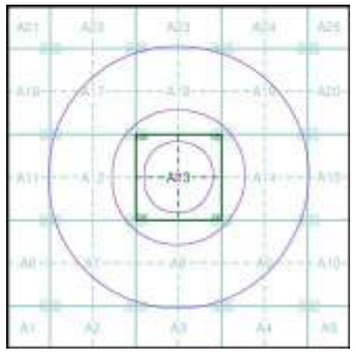
## Source map scale - 1:10,000

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

## Map Name(s) and Date(s)



## Historical Map - Slice A

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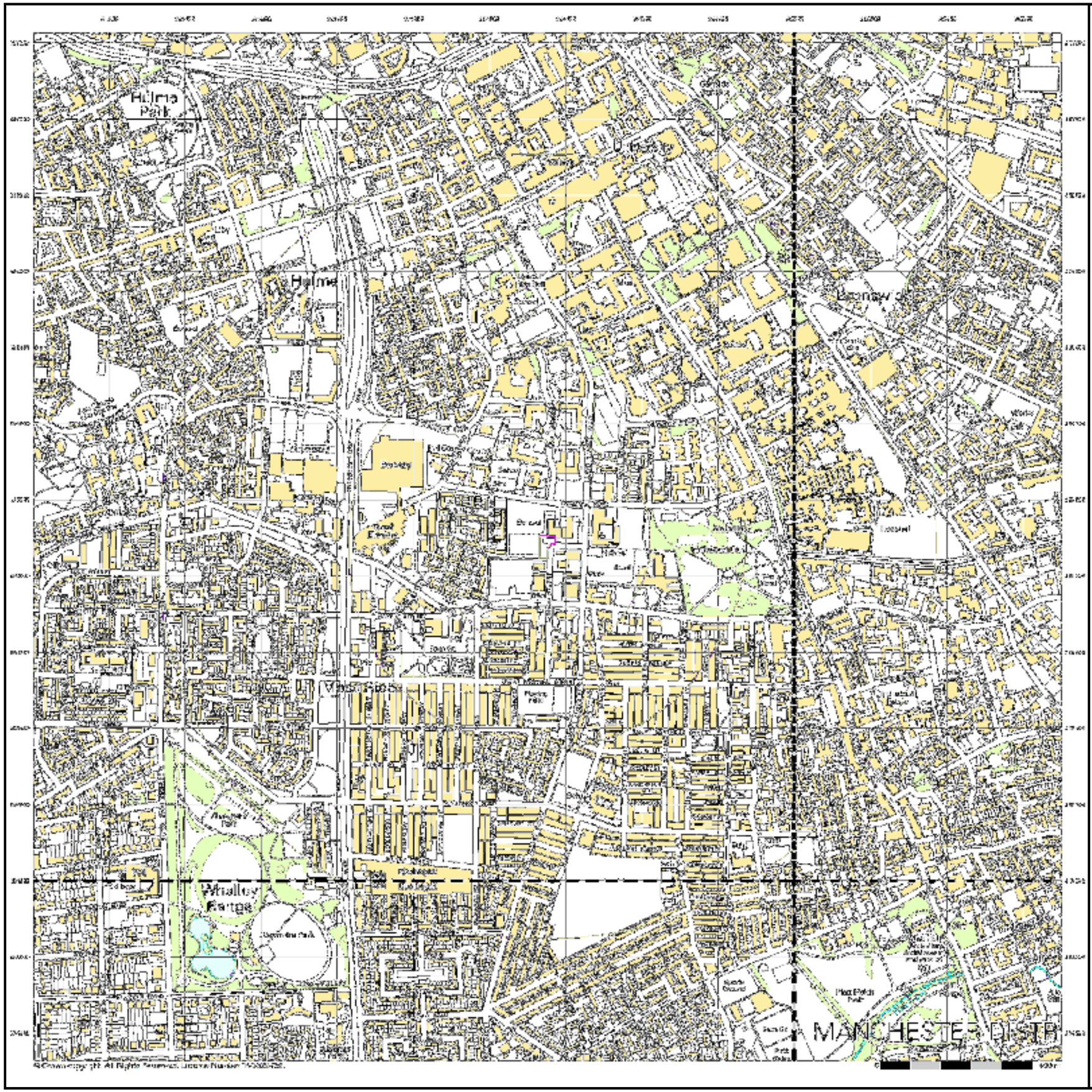



LK CONSULT LIMITED

## 10k Raster Mapping

## Published 2006

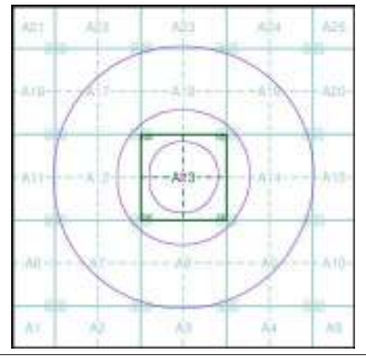
## Source map scale - 1:10,000

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

## Map Name(s) and Date(s)



## Historical Map - Slice A

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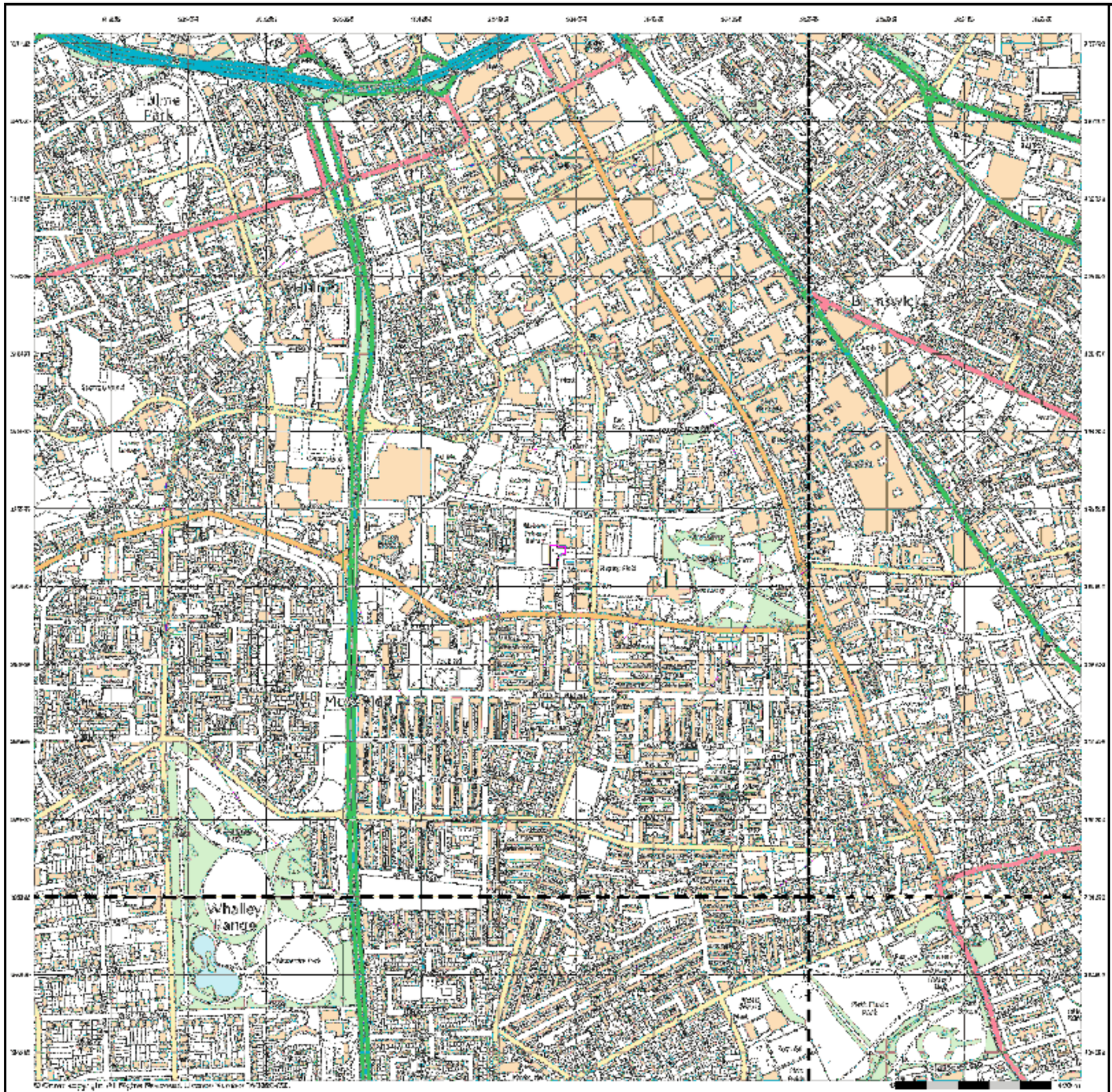



LK CONSULT LIMITED

## VectorMap Local

**Published 2017**

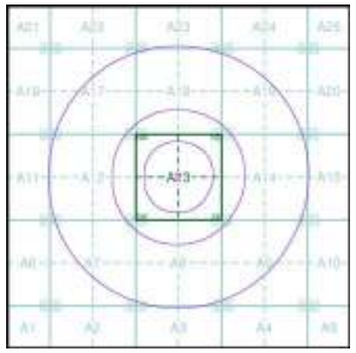
**Source map scale - 1:10,000**

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)



## Historical Map - Slice A

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|---|---|
| Order Number: | 137660777_1_1 |
| Customer Ref: | LKC 17 1298 |
| National Grid Reference: | 384350, 395880 |
| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 1000 |

## Site Details

Webster Junior School, Denmark Road, Manchester, M15 6JU

Landmark INFORMATION GROUP

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Web: www.envirocheck.co.uk

# APPENDIX B

# ENVIROCHECK REPORT

# Envirocheck® Report:

# Datasheet

## Order Details:

**Order Number:**
137660777_1_1

**Customer Reference:**
LKC 17 1298

**National Grid Reference:**
384350, 395880

**Slice:**
A

**Site Area (Ha):**
0.17

**Search Buffer (m):**
1000

## Site Details:

Webster Junior School
Denmark Road
Manchester
M15 6JU

## Client Details:

L Consult
LK Consult Ltd
Unit 29 Eton Business Park
Eton Hill Road
Radcliffe
Greater Manchester
M26 2ZS

# Contents


| Report Section | Page Number |
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| Summary | - |
| Agency & Hydrological | 1 |
| Waste | 23 |
| Hazardous Substances | - |
| Geological | 27 |
| Industrial Land Use | 32 |
| Sensitive Land Use | - |
| Data Currency | 50 |
| Data Suppliers | 57 |
| Useful Contacts | 58 |


**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 the attached 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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Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.


**Report Version v53.0**

# Summary

| 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 | | | n/a |
| Contaminated Land Register Entries and Notices | | | | | |
| Discharge Consents | pg 1 | | | 3 | 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 | | | 16 | |
| Local Authority Integrated Pollution Prevention And Control | | | | | |
| Local Authority Pollution Prevention and Controls | pg 6 | | | | 10 |
| Local Authority Pollution Prevention and Control Enforcements | | | | | |
| Nearest Surface Water Feature | | | | | |
| Pollution Incidents to Controlled Waters | pg 7 | | 1 | | 1 |
| Prosecutions Relating to Authorised Processes | | | | | |
| Registered Radioactive Substances | pg 8 | | 6 | | 41 |
| River Quality | pg 15 | | | | 1 |
| River Quality Biology Sampling Points | | | | | |
| River Quality Chemistry Sampling Points | | | | | |
| Substantiated Pollution Incident Register | | | | | |
| Water Abstractions | pg 16 | | | 8 | (*16) |
| Water Industry Act Referrals | | | | | |
| Groundwater Vulnerability | pg 21 | Yes | n/a | n/a | n/a |
| Drift Deposits | pg 22 | 1 | n/a | n/a | n/a |
| Bedrock Aquifer Designations | pg 22 | Yes | n/a | n/a | n/a |
| Superficial Aquifer Designations | pg 22 | Yes | n/a | n/a | n/a |
| Source Protection Zones | pg 22 | 1 | 1 | 2 | |
| Extreme Flooding from Rivers or Sea without Defences | pg 22 | | Yes | n/a | n/a |
| Flooding from Rivers or Sea without Defences | pg 22 | | Yes | n/a | n/a |
| Areas Benefiting from Flood Defences | | | | n/a | n/a |
| Flood Water Storage Areas | | | | n/a | n/a |
| Flood Defences | | | | n/a | n/a |
| OS Water Network Lines | pg 22 | | | 1 | |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Waste** | | | | | |
| BGS Recorded Landfill Sites | | | | | |
| Historical Landfill Sites | pg 23 | | | | 1 |
| Integrated Pollution Control Registered Waste Sites | | | | | |
| Licensed Waste Management Facilities (Landfill Boundaries) | | | | | |
| Licensed Waste Management Facilities (Locations) | | | | | |
| 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 | | 5 | 7 | 45 |
| Registered Landfill Sites | pg 26 | | | | 1 |
| 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 | | | | | |

# Summary

| 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 |
| BGS Recorded Mineral Sites | pg 27 | | | | 1 |
| BGS Urban Soil Chemistry | pg 28 | | Yes | Yes | Yes |
| BGS Urban Soil Chemistry Averages | pg 31 | 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 31 | Yes | | n/a | n/a |
| Potential for Compressible Ground Stability Hazards | | | | n/a | n/a |
| Potential for Ground Dissolution Stability Hazards | | | | n/a | n/a |
| Potential for Landslide Ground Stability Hazards | pg 31 | Yes | | n/a | n/a |
| Potential for Running Sand Ground Stability Hazards | pg 31 | Yes | | n/a | n/a |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 31 | Yes | | n/a | n/a |
| Radon Potential - Radon Affected Areas | | | n/a | n/a | n/a |
| Radon Potential - Radon Protection Measures | | | n/a | n/a | n/a |
| **Industrial Land Use** | | | | | |
| Contemporary Trade Directory Entries | pg 32 | | 7 | 27 | 71 |
| Fuel Station Entries | pg 41 | | | 1 | 6 |
| Points of Interest - Commercial Services | pg 42 | | 1 | 4 | 8 |
| Points of Interest - Education and Health | pg 43 | | | | 20 |
| Points of Interest - Manufacturing and Production | pg 44 | | | 10 | 17 |
| Points of Interest - Public Infrastructure | pg 47 | | | 1 | 17 |
| Points of Interest - Recreational and Environmental | pg 48 | | | 2 | 9 |
| Gas Pipelines | | | | | |
| Underground Electrical Cables | | | | | |

# Summary

| 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**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NW (SW) | 0 | 1 | 384348 395879 |
| 1 | **Discharge Consents**<br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Oxford Road Cso, Manchester, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 016982917<br>Permit Version: 3<br>Effective Date: 8th November 1995<br>Issued Date: 8th November 1995<br>Revocation Date: 13th July 2005<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Malkin Brook Trib Corn Bk<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Located by supplier to within 100m | A14SW (E) | 484 | 2 | 384850 395810 |
| 1 | **Discharge Consents**<br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Oxford Road Cso, Manchester, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982917<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 10th May 1995<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Malkin Brook Trib Corn Bk<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Located by supplier to within 10m | A14SW (E) | 484 | 2 | 384850 395810 |
| 1 | **Discharge Consents**<br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Oxford Road Cso, Manchester, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982917<br>Permit Version: 2<br>Effective Date: 11th May 1995<br>Issued Date: Not Supplied<br>Revocation Date: 7th November 1995<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Malkin Brook Trib Corn Bk<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Located by supplier to within 10m | A14SW (E) | 484 | 2 | 384850 395810 |
| 2 | **Discharge Consents**<br>Operator: Manchester Metropolitan University<br>Property Type: EDUCATION/NURSERY/SCHOOL/COLLEGE/UNI/TRAINING VENUE<br>Location: Manchester Metropolitan University Birley Fields Campus, Hulme, Manchester, ., M15 6bh<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: Eprub3936ax<br>Permit Version: 1<br>Effective Date: 14th August 2013<br>Issued Date: 14th August 2013<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Discharges - Cooling Water<br>Discharge Environment: Into Land<br>Receiving Water: Groundwater Via A Borehole<br>**Status: New issued under EPR 2010**<br>Positional Accuracy: Located by supplier to within 10m | A17NE (NW) | 880 | 2 | 383779 396591 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 3 | **Discharge Consents**<br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Walmer St/Wilmslow Rd, Manchester, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0382<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989**<br>Positional Accuracy: Located by supplier to within 100m | A9NE (SE) | 916 | 2 | 385150 395400 |
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Ondeo Industrial Solutions Limited<br>Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: HP3836KU<br>Original Permit Ref: Cp3531gm<br>Effective Date: 15th March 2010<br>**Status:** **Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Simple Standard Variation<br>Positional Accuracy: Manually positioned to the address or location<br>Activity Code: 6.8 A(1) (D) (II)<br>Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day<br>Primary Activity: Y<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N | A12NE (W) | 412 | 2 | 383920 395923 |
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Ondeo Industrial Solutions Limited<br>Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: CP3531GM<br>Original Permit Ref: Cp3531gm<br>Effective Date: 1st April 2009<br>**Status:** **Superseded By Variation**<br>Application Type: Transfer<br>App. Sub Type: Whole with Fit and Proper Person<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N<br>Activity Code: 6.8 A(1) (D) (II)<br>Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day<br>Primary Activity: Y | A12NE (W) | 412 | 2 | 383920 395923 |
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Heineken Uk Ltd<br>Location: Royal Brewery, 201, Denmark Road, Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: SP3736UP<br>Original Permit Ref: Bv7796iw<br>Effective Date: 1st August 2008<br>**Status:** **Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Standard<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 6.8 A(1) (D) (II)<br>Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day<br>Primary Activity: Y | A12NE (W) | 412 | 2 | 383920 395923 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Heineken Uk Ltd<br>Location: Royal Brewery, 201, Denmark Road, Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: UP3131UM<br>Original Permit Ref: Bv7796iw<br>Effective Date: 22nd February 2008<br>**Status: Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Simple Standard Variation<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 6.8 A(1) (D) (II)<br>Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day<br>Primary Activity: Y | A12NE (W) | 412 | 2 | 383920 395923 |
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Heineken Uk Ltd<br>Location: Royal Brewery, Royal Brewery, Denmark Road, Manchester, Greater Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: DP3431LK<br>Original Permit Ref: Bv7796iw<br>Effective Date: 27th November 2006<br>**Status: Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Simple Standard Variation<br>Positional Accuracy: Manually positioned to the address or location<br>Activity Code: 6.8 A(1) (D) (II)<br>Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day<br>Primary Activity: Y | A12NE (W) | 412 | 2 | 383920 395922 |
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Vws (Uk) Ltd<br>Location: Royal Brewery Effluent Treatment Plant, Denmark Road, Moss Side,, Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: Ep3637pu<br>Original Permit Ref: Ep3637pu<br>Effective Date: 13th January 2006<br>**Status: Superseded By Variation**<br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N<br>Activity Code: 6.8 A(1) (D) (II)<br>Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day<br>Primary Activity: Y | A12NE (W) | 412 | 2 | 383920 395923 |
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Heineken Uk Ltd<br>Location: Royal Brewery, ROYAL BREWERY, DENMARK ROAD, MANCHESTER, Lancashire, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bv7796iw<br>Original Permit Ref: Bv7796iw<br>Effective Date: 22nd December 2005<br>**Status: Superseded By Variation**<br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 6.8 A(1) (D) (II)<br>Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day<br>Primary Activity: Y | A12NE (W) | 412 | 2 | 383920 395923 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Suez Industrial Water Ltd<br>Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: UP3232YC<br>Original Permit Ref: Cp3531gm<br>Effective Date: 8th May 2017<br>**Status: Effective**<br>Application Type: Variation<br>App. Sub Type: Minor<br>Positional Accuracy: Located by supplier to within 100m<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N<br>Activity Code: 5.4 A(1) a) (i)<br>Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT<br>Primary Activity: Y | A12NE (W) | 432 | 2 | 383900 395900 |
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Heineken Uk Ltd<br>Location: Royal Brewery Manchester, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: DP3530YY<br>Original Permit Ref: Bv7796iw<br>Effective Date: 18th April 2017<br>**Status: Effective**<br>Application Type: Variation<br>App. Sub Type: Standard<br>Positional Accuracy: Located by supplier to within 100m<br>Activity Code: 6.8 A(1) (D) (II)<br>Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day<br>Primary Activity: Y | A12NE (W) | 432 | 2 | 383900 395900 |
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Suez Industrial Water Ltd<br>Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: RP3335DD<br>Original Permit Ref: Cp3531gm<br>Effective Date: 30th June 2016<br>**Status: Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Minor<br>Positional Accuracy: Located by supplier to within 100m<br>Activity Code: 5.4 A(1) a) (i)<br>Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT<br>Primary Activity: Y<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N | A12NE (W) | 432 | 2 | 383900 395900 |
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Ondeo Industrial Solutions Limited<br>Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: KP3630WM<br>Original Permit Ref: Cp3531gm<br>Effective Date: 5th December 2014<br>**Status: Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Substantial<br>Positional Accuracy: Located by supplier to within 100m<br>Activity Code: 5.4 A(1) a) (i)<br>Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT<br>Primary Activity: Y<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N | A12NE (W) | 432 | 2 | 383900 395900 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Heineken Uk Ltd<br>Location: Royal Brewery Manchester, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: KP3830WK<br>Original Permit Ref: Bv7796iw<br>Effective Date: 5th December 2014<br>**Status: Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Substantial<br>Positional Accuracy: Located by supplier to within 100m<br>Activity Code: 6.8 A(1) (D) (II)<br>Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day<br>Primary Activity: Y | A12NE (W) | 432 | 2 | 383900 395900 |
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Heineken Uk Ltd<br>Location: Royal Brewery Manchester, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: LP3732VH<br>Original Permit Ref: Bv7796iw<br>Effective Date: 28th August 2014<br>**Status: Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Standard<br>Positional Accuracy: Located by supplier to within 100m<br>Activity Code: 6.8 A(1) (D) (II)<br>Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day<br>Primary Activity: Y | A12NE (W) | 432 | 2 | 383900 395900 |
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Ondeo Industrial Solutions Limited<br>Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: ZP3037VD<br>Original Permit Ref: Cp3531gm<br>Effective Date: 23rd June 2014<br>**Status: Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Minor<br>Positional Accuracy: Located by supplier to within 100m<br>Activity Code: 5.4 A(1) a) (i)<br>Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT<br>Primary Activity: Y<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N | A12NE (W) | 432 | 2 | 383900 395900 |
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Heineken Uk Ltd<br>Location: Royal Brewery Manchester, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: QP3438EM<br>Original Permit Ref: Bv7796iw<br>Effective Date: 26th March 2014<br>**Status: Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Simple Standard Variation<br>Positional Accuracy: Located by supplier to within 100m<br>Activity Code: 6.8 A(1) (D) (II)<br>Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day<br>Primary Activity: Y | A12NE (W) | 432 | 2 | 383900 395900 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 4 | **Integrated Pollution Prevention And Control**<br>Name: Heineken Uk Ltd<br>Location: Royal Brewery, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD<br>Authority: Environment Agency, North West Region<br>Permit Reference: JP3631CT<br>Original Permit Ref: Bv7796iw<br>Effective Date: 6th November 2012<br>**Status: Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Simple Standard Variation<br>Positional Accuracy: Located by supplier to within 100m<br>Activity Code: 6.8 A(1) (D) (II)<br>Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day<br>Primary Activity: Y | A12NE (W) | 432 | 2 | 383900 395900 |
| 5 | **Local Authority Pollution Prevention and Controls**<br>Name: Asda Hulme<br>Location: 100 Princess Road, Hulme, MANCHESTER, Lancashire, M15 5AQ<br>Authority: Manchester City Council, Environmental Health Department<br>Permit Reference: PPC/PFS/RM/006/06<br>Dated: 25th February 1998<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br>**Status: Authorised**<br>Positional Accuracy: Manually positioned to the address or location | A12NE (W) | 553 | 3 | 383791 396022 |
| 6 | **Local Authority Pollution Prevention and Controls**<br>Name: Alexandra Service Station<br>Location: 95 Princess Road, Moss Side, MANCHESTER, Lancashire, M14 4TH<br>Authority: Manchester City Council, Environmental Health Department<br>Permit Reference: Pfs/18/98<br>Dated: 12th March 2001<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Automatically positioned to the address | A12SE (SW) | 558 | 3 | 383845 395575 |
| 7 | **Local Authority Pollution Prevention and Controls**<br>Name: Save Service Station Whitworth Park<br>Location: 490 Moss Lane East, Rusholme, MANCHESTER, Lancashire, M14 4PA<br>Authority: Manchester City Council, Environmental Health Department<br>Permit Reference: PFS/36/98/02<br>Dated: 16th December 1998<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Automatically positioned to the address | A14SW (E) | 584 | 3 | 384909 395655 |
| 8 | **Local Authority Pollution Prevention and Controls**<br>Name: Manchester Road Garages<br>Location: Oxford Road, Rusholme, Manchester, Greater Manchester, M13 0jd<br>Authority: Manchester City Council, Environmental Health Department<br>Permit Reference: N/A<br>Dated: 4th November 1993<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/34 Respraying of road vehicles<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Located by supplier to within 10m | A14SE (E) | 705 | 3 | 385069 395780 |
| 9 | **Local Authority Pollution Prevention and Controls**<br>Name: Green Brothers Ltd<br>Location: Condor Works, Rusholme Place, MANCHESTER, Lancashire, M14 5GB<br>Authority: Manchester City Council, Environmental Health Department<br>Permit Reference: 47/93<br>Dated: 31st August 1993<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/23 Coating of metal and plastic<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Automatically positioned to the address | A14SE (E) | 765 | 3 | 385131 395784 |
| 10 | **Local Authority Pollution Prevention and Controls**<br>Name: Moss Side Service Station<br>Location: Wilmslow Road, Rusholme, MANCHESTER, Lancashire, M14 5AQ<br>Authority: Manchester City Council, Environmental Health Department<br>Permit Reference: PFS/8/98<br>Dated: 22nd December 1998<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br>**Status: Authorised**<br>Positional Accuracy: Located by supplier to within 10m | A14SE (SE) | 776 | 3 | 385071 395547 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 11 | **Local Authority Pollution Prevention and Controls**<br>Name: Tcs - Rusholme<br>Location: 25-33 Wilmslow Road, Rusholme, M14 5tb<br>Authority: Manchester City Council, Environmental Health Department<br>Permit Reference: PPC/PFS/RM/024/06<br>Dated: 22nd December 1998<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/14 Petrol filling station<br>**Status: Permitted**<br>Positional Accuracy: Located by supplier to within 10m | A14SE (E) | 788 | 3 | 385110 395607 |
| 11 | **Local Authority Pollution Prevention and Controls**<br>Name: Tcs Rushome<br>Location: 25-33 Wilmslow Road, Rusholme, MANCHESTER, Lancashire, M14 5TB<br>Authority: Manchester City Council, Environmental Health Department<br>Permit Reference: PFS/39/98-99<br>Dated: 21st June 1999<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Automatically positioned to the address | A14SE (E) | 796 | 3 | 385118 395606 |
| 12 | **Local Authority Pollution Prevention and Controls**<br>Name: Manchester Royal Infirmary<br>Location: Central Services Complex, off Hathersage Road, Rusholme, MANCHESTER, Lancashire, M13 9WL<br>Authority: Manchester City Council, Environmental Health Department<br>Permit Reference: Not Given<br>Dated: 22nd May 1996<br>Process Type: Local Authority Air Pollution Control<br>Description: PG5/1Clinical waste incineration processes under 1 tonne an hour<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Manually positioned to the address or location | A14NE (E) | 830 | 3 | 385178 396099 |
| 13 | **Local Authority Pollution Prevention and Controls**<br>Name: Tesco Express (Mancunian Service Station)<br>Location: 257 Upper Brook Street, Victoria Park, Rusholme, Manchester, M13 0hl<br>Authority: Manchester City Council, Environmental Health Department<br>Permit Reference: PPC/PFS/RM/031/06<br>Dated: 3rd March 2003<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/14 Petrol filling station<br>**Status: Permitted**<br>Positional Accuracy: Located by supplier to within 10m | A14NE (E) | 995 | 3 | 385353 396071 |
| | **Nearest Surface Water Feature**<br>None | | | | |
| 14 | **Pollution Incidents to Controlled Waters**<br>Property Type: Spillage; Accident - Static Site<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Chemicals - Herbicides/Fungicide<br>Note: Malkin Brook<br>Incident Date: 17th July 1992<br>Incident Reference: 92641296<br>Catchment Area: Bridgewater Canal<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A13NW (N) | 99 | 2 | 384300 396000 |
| 15 | **Pollution Incidents to Controlled Waters**<br>Property Type: Not Given<br>Location: Greater Manchester<br>Authority: Environment Agency, North West Region<br>Pollutant: Unknown<br>Note: No Pollution Found<br>Incident Date: 26th January 1994<br>Incident Reference: 94640185<br>Catchment Area: Manchester Ship Canal<br>Receiving Water: Not Given<br>Cause of Incident: Other Incident/Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A12SE (W) | 552 | 2 | 383800 395700 |

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| 16 | **Registered Radioactive Substances**<br>Name: Medeval Ltd<br>Location: Skelton House, Manchester Science Park, Lloyd Street North, Manchester, Greater Manchester, M15 6sh<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bw5853<br>Dated: 1st December 2003<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A13NE (N) | 179 | 2 | 384409 396076 |
| 16 | **Registered Radioactive Substances**<br>Name: Medeval Ltd<br>Location: Skelton House, Lloyd Street North, Manchester Science Park, MANCHESTER, Greater Manchester, M15 6SH<br>Authority: Environment Agency, North West Region<br>Permit Reference: AC8533<br>Dated: 31st March 1991<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A13NE (N) | 181 | 2 | 384411 396078 |
| 16 | **Registered Radioactive Substances**<br>Name: Cyprotex Discovery Ltd<br>Location: Skelton House, Manchester Science Park, Lloyd Street North, MANCHESTER, Greater Manchester, M15 6SH<br>Authority: Environment Agency, North West Region<br>Permit Reference: BI8023<br>Dated: 4th October 2001<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A13NE (N) | 185 | 2 | 384410 396082 |
| 16 | **Registered Radioactive Substances**<br>Name: Medeval Ltd<br>Location: Skelton House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SH<br>Authority: Environment Agency, North West Region<br>Permit Reference: BY5447<br>Dated: 12th May 2006<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Authorisation either revoked or cancelledCancelled**<br>Positional Accuracy: Automatically positioned to the address | A13NE (N) | 186 | 2 | 384411 396083 |
| 16 | **Registered Radioactive Substances**<br>Name: Medeval Ltd<br>Location: Skelton House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SH<br>Authority: Environment Agency, North West Region<br>Permit Reference: BY5455<br>Dated: 12th May 2006<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation either revoked or cancelledCancelled**<br>Positional Accuracy: Automatically positioned to the address | A13NE (N) | 186 | 2 | 384411 396083 |
| 16 | **Registered Radioactive Substances**<br>Name: Medeval Ltd<br>Location: Skelton House, Manchester Science Park, Lloyd Street North, MANCHESTER, Greater Manchester, M15 6SH<br>Authority: Environment Agency, North West Region<br>Permit Reference: AC8525<br>Dated: 31st March 1991<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A13NE (N) | 186 | 2 | 384411 396083 |

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| 17 | **Registered Radioactive Substances**<br>Name: Central Manchester And Manchester Childrens Nhs Trust<br>Location: Manchester Royal Eye Hospital, Nelson Street, MANCHESTER, Greater Manchester, M13 9WH<br>Authority: Environment Agency, North West Region<br>Permit Reference: AP9353<br>Dated: 1st April 1991<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Unknown | A14NW (NE) | 630 | 2 | 384932 396191 |
| 18 | **Registered Radioactive Substances**<br>Name: Central Manchester University Hospitals Nhs Foundation Trust<br>Location: Radiological Protection Service, 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PL<br>Authority: Environment Agency, North West Region<br>Permit Reference: BA0536<br>Dated: 6th March 1998<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 659 | 2 | 384706 396470 |
| 18 | **Registered Radioactive Substances**<br>Name: Central Manchester University Hospitals Nhs Foundation Trust<br>Location: Radiological Protection Service,327 Oxford Road, MANCHESTER, M13 9PL<br>Authority: Environment Agency, North West Region<br>Permit Reference: CD4486<br>Dated: 17th March 2009<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Application has been authorised and any conditions apply to the operatorAuthorised**<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE) | 677 | 2 | 384720 396482 |
| 18 | **Registered Radioactive Substances**<br>Name: Central Manchester University Hospitals Nhs Foundation Trust<br>Location: 327, Oxford Road, Manchester, M13 9PG<br>Authority: Environment Agency, North West Region<br>Permit Reference: CA6121<br>Dated: 26th October 2006<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE) | 677 | 2 | 384720 396482 |
| 18 | **Registered Radioactive Substances**<br>Name: University Of Manchester<br>Location: 327 Oxford Road, MANCHESTER, Lancashire, M13 9PG<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bw5900<br>Dated: 1st December 2003<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation either revoked or cancelledCancelled**<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE) | 677 | 2 | 384720 396482 |
| 18 | **Registered Radioactive Substances**<br>Name: University Of Manchester<br>Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG<br>Authority: Environment Agency, North West Region<br>Permit Reference: Br5949<br>Dated: 28th February 2002<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 677 | 2 | 384720 396482 |

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| 18 | **Registered Radioactive Substances**<br>Name: University Of Manchester<br>Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG<br>Authority: Environment Agency, North West Region<br>Permit Reference: BI5954<br>Dated: 11th September 2001<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Initial variation to an authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 677 | 2 | 384720 396482 |
| 18 | **Registered Radioactive Substances**<br>Name: University Of Manchester<br>Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG<br>Authority: Environment Agency, North West Region<br>Permit Reference: AY6961<br>Dated: 10th July 1997<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 677 | 2 | 384720 396482 |
| 18 | **Registered Radioactive Substances**<br>Name: University Of Manchester<br>Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG<br>Authority: Environment Agency, North West Region<br>Permit Reference: AU1097<br>Dated: 16th February 1996<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Substantial variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 677 | 2 | 384720 396482 |
| 18 | **Registered Radioactive Substances**<br>Name: University Of Manchester<br>Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG<br>Authority: Environment Agency, North West Region<br>Permit Reference: AO5492<br>Dated: 20th October 1994<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 677 | 2 | 384720 396482 |
| 18 | **Registered Radioactive Substances**<br>Name: University Of Manchester<br>Location: Health And Safety Services, Radiological Protection, 327 Oxford Road, MANCHESTER, Lancashire, M13 9PG<br>Authority: Environment Agency, North West Region<br>Permit Reference: AG3983<br>Dated: 12th February 1993<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA dated pre April 1991<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE) | 677 | 2 | 384720 396482 |
| 18 | **Registered Radioactive Substances**<br>Name: University Of Manchester<br>Location: Radiological Protection Service, 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG<br>Authority: Environment Agency, North West Region<br>Permit Reference: AD0180<br>Dated: 31st March 1991<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br>**Status: Authorisation either revoked or cancelledCancelled**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 677 | 2 | 384720 396482 |

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| 19 | **Registered Radioactive Substances**<br>Name: Central Manchester University Hospitals Nhs Foundation Trust<br>Location: Nuclear Medicine Department,Manchester Royal Infirmary,Oxford Road, MANCHESTER, Greater Manchester, M13 9WL<br>Authority: Environment Agency, North West Region<br>Permit Reference: CD4508<br>Dated: 17th March 2009<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Application has been authorised and any conditions apply to the operatorAuthorised**<br>Positional Accuracy: Automatically positioned to the address | A14NW (NE) | 682 | 2 | 384979 396212 |
| 19 | **Registered Radioactive Substances**<br>Name: Central Manchester University Hospitals Nhs Foundation Trust<br>Location: Manchester Royal Infirmary, Oxford Road, MANCHESTER, M13 9WL<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bz5027<br>Dated: 19th September 2005<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A14NW (NE) | 682 | 2 | 384979 396212 |
| 19 | **Registered Radioactive Substances**<br>Name: Central Manchester University Hospitals Nhs Foundation Trust<br>Location: Nuclear Medecine Department, Manchester Royal Infirmary, Oxford Road, Manchester, Greater Manchester, M13 9WL<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bz4675<br>Dated: 19th September 2005<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Substantial variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 707 | 2 | 385004 396218 |
| 19 | **Registered Radioactive Substances**<br>Name: Central Manchester University Hospitals Nhs Foundation Trust<br>Location: Nuclear Medecine Department, Manchester Royal Infirmary, Oxford Road, Manchester, Greater Manchester, M13 9WL<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bw6051<br>Dated: 1st December 2003<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 707 | 2 | 385004 396218 |
| 19 | **Registered Radioactive Substances**<br>Name: Central Manchester University Hospitals Nhs Foundation Trust<br>Location: Nuclear Medecine Department, Manchester Royal Infirmary, Oxford Road, Manchester, Greater Manchester, M13 9WL<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bm2926<br>Dated: 19th November 2001<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Substantial variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 707 | 2 | 385004 396218 |
| 19 | **Registered Radioactive Substances**<br>Name: Central Manchester University Hospitals Nhs Foundation Trust<br>Location: Nuclear Medecine Department, Manchester Royal Infirmary, Oxford Road, Manchester, Greater Manchester, M13 9WL<br>Authority: Environment Agency, North West Region<br>Permit Reference: AS1266<br>Dated: 29th March 1995<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 707 | 2 | 385004 396218 |

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| 19 | **Registered Radioactive Substances**<br>Name: Manchester Central Hospitals Nhs Trust<br>Location: Nuclear Medecine Department, Manchester Royal Infirmary, Oxford Road, Manchester, Greater Manchester, M13 9WL<br>Authority: Environment Agency, North West Region<br>Permit Reference: AB9712<br>Dated: 31st March 1991<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br>**Status: Authorisation either revoked or cancelledCancelled**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 707 | 2 | 385004 396218 |
| 20 | **Registered Radioactive Substances**<br>Name: Renovo Ltd<br>Location: Manchester Incubator Building, Grafton Street, Manchester, M13 9xx<br>Authority: Environment Agency, North West Region<br>Permit Reference: By5196<br>Dated: 19th October 2004<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 687 | 2 | 384859 396386 |
| 20 | **Registered Radioactive Substances**<br>Name: Manchester Incubator Co Ltd<br>Location: Manchester Incubator Building, Grafton Street, Manchester, M13 9xx<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bw6175<br>Dated: 1st December 2003<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 701 | 2 | 384853 396412 |
| 20 | **Registered Radioactive Substances**<br>Name: Manchester Incubator Co Ltd<br>Location: Incubator Building, 48, Grafton Street, MANCHESTER, M13 9XX<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bz3075<br>Dated: 23rd June 2005<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Substantial variation to authorisation under RSA<br>**Status: Application has been authorised and any conditions apply to the operatorAuthorised**<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE) | 706 | 2 | 384843 396428 |
| 20 | **Registered Radioactive Substances**<br>Name: Manchester Incubator Co Ltd<br>Location: Manchester Incubator Building, Grafton Street, Manchester, M13 9XX<br>Authority: Environment Agency, North West Region<br>Permit Reference: By9248<br>Dated: 4th February 2005<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 706 | 2 | 384843 396427 |
| 20 | **Registered Radioactive Substances**<br>Name: Renovo Ltd<br>Location: Manchester Incubator Building, Grafton Street, Manchester, M13 9XX<br>Authority: Environment Agency, North West Region<br>Permit Reference: By9264<br>Dated: 4th February 2005<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation either revoked or cancelledCancelled**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 706 | 2 | 384843 396427 |

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| 21 | **Registered Radioactive Substances**<br>Name: Motac Neuroscience Ltd<br>Location: Manchester Incubator Building, Grafton Street, MANCHESTER, M13 9XX<br>Authority: Environment Agency, North West Region<br>Permit Reference: BI1924<br>Dated: 27th July 2001<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Authorisation either revoked or cancelledCancelled**<br>Positional Accuracy: Manually positioned to the road within the address or location | A19SW (NE) | 707 | 2 | 384934 396330 |
| 21 | **Registered Radioactive Substances**<br>Name: Motac Neuroscience Ltd<br>Location: Manchester Incubator Building, Grafton Street, MANCHESTER, M13 9XX<br>Authority: Environment Agency, North West Region<br>Permit Reference: BI1916<br>Dated: 27th July 2001<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br>**Status: Authorisation either revoked or cancelledCancelled**<br>Positional Accuracy: Manually positioned to the road within the address or location | A19SW (NE) | 707 | 2 | 384934 396330 |
| 21 | **Registered Radioactive Substances**<br>Name: Manchester Incubator Co Ltd<br>Location: Manchester Incubator Building, Grafton Street, MANCHESTER, M13 9XX<br>Authority: Environment Agency, North West Region<br>Permit Reference: BI1932<br>Dated: 27th July 2001<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the road within the address or location | A19SW (NE) | 720 | 2 | 384946 396336 |
| 21 | **Registered Radioactive Substances**<br>Name: Syngenta Ltd<br>Location: Manchester Incubator Building, Grafton Street, MANCHESTER, M13 9XX<br>Authority: Environment Agency, North West Region<br>Permit Reference: BI2955<br>Dated: 27th July 2001<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Authorisation either revoked or cancelledCancelled**<br>Positional Accuracy: Manually positioned to the road within the address or location | A19SW (NE) | 728 | 2 | 384953 396341 |
| 21 | **Registered Radioactive Substances**<br>Name: Syngenta Ltd<br>Location: Manchester Incubator Building, Grafton Street, MANCHESTER, M13 9XX<br>Authority: Environment Agency, North West Region<br>Permit Reference: BI2963<br>Dated: 27th July 2001<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br>**Status: Authorisation either revoked or cancelledCancelled**<br>Positional Accuracy: Manually positioned to the road within the address or location | A19SW (NE) | 728 | 2 | 384953 396341 |
| 22 | **Registered Radioactive Substances**<br>Name: Renovo Ltd<br>Location: Manchester Incubator Building, Grafton Street, MANCHESTER, M13 9XX<br>Authority: Environment Agency, North West Region<br>Permit Reference: BI1959<br>Dated: 27th July 2001<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Authorisation either revoked or cancelledCancelled**<br>Positional Accuracy: Manually positioned to the road within the address or location | A19SW (NE) | 763 | 2 | 384984 396357 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 22 | **Registered Radioactive Substances**<br>Name: Renovo Ltd<br>Location: Manchester Incubator Building, Grafton Street, MANCHESTER, M13 9XX<br>Authority: Environment Agency, North West Region<br>Permit Reference: BI1967<br>Dated: 27th July 2001<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the road within the address or location | A19SW (NE) | 763 | 2 | 384984 396357 |
| 23 | **Registered Radioactive Substances**<br>Name: Renovo Ltd<br>Location: Manchester Incubator Building, Grafton Street, Manchester, M13 9xx<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bw6183<br>Dated: 1st December 2003<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A19SW (NE) | 785 | 2 | 384914 396469 |
| 24 | **Registered Radioactive Substances**<br>Name: Victoria University Of Manchester<br>Location: Williamson Building, Oxford Road, MANCHESTER, Greater Manchester, M13 9PL<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bt9640<br>Dated: 3rd February 2003<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Substantial variation to a registration under the Act of an open source which is not the subject of an authorisation, or an application for an authorisation<br>**Status: Authorisation either revoked or cancelledCancelled**<br>Positional Accuracy: Manually positioned to the address or location | A18NE (N) | 837 | 2 | 384645 396692 |
| 24 | **Registered Radioactive Substances**<br>Name: Victoria University Of Manchester<br>Location: Williamson Building, Oxford Road, MANCHESTER, Greater Manchester, M13 9PL<br>Authority: Environment Agency, North West Region<br>Permit Reference: BG4739<br>Dated: 16th August 1999<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Substantial variation to a registration under the Act of an open source which is not the subject of an authorisation, or an application for an authorisation<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A18NE (N) | 837 | 2 | 384645 396692 |
| 24 | **Registered Radioactive Substances**<br>Name: Victoria University Of Manchester<br>Location: Williamsom Building, Oxford Road, MANCHESTER, Greater Manchester, M13 9PL<br>Authority: Environment Agency, North West Region<br>Permit Reference: AP8713<br>Dated: 20th February 1995<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A18NE (N) | 837 | 2 | 384645 396692 |
| 24 | **Registered Radioactive Substances**<br>Name: University Of Manchester<br>Location: Williamson Building, Oxford Road, MANCHESTER, Greater Manchester, M13 9PL<br>Authority: Environment Agency, North West Region<br>Permit Reference: AD0155<br>Dated: 31st March 1991<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br>**Status: Authorisation either revoked or cancelledCancelled**<br>Positional Accuracy: Manually positioned to the address or location | A18NE (N) | 837 | 2 | 384645 396692 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 25 | **Registered Radioactive Substances**<br>Name: Central Manchester University Hospitals Nhs Foundation Trust<br>Location: Oxford Road, Manchester, Lancashire, M13 9PL<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bm2918<br>Dated: 19th November 2001<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A18NE (N) | 954 | 2 | 384615 396824 |
| 25 | **Registered Radioactive Substances**<br>Name: University Of Manchester<br>Location: Oxford Road, Manchester, M13 9PL<br>Authority: Environment Agency, North West Region<br>Permit Reference: CB0137<br>Dated: 8th December 2006<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Application has been authorised and any conditions apply to the operatorAuthorised**<br>Positional Accuracy: Automatically positioned to the address | A18NE (N) | 955 | 2 | 384615 396824 |
| 25 | **Registered Radioactive Substances**<br>Name: University Of Manchester<br>Location: Oxford Road, MANCHESTER, M13 9PL<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bz3067<br>Dated: 28th June 2005<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Initial variation to an authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A18NE (N) | 955 | 2 | 384615 396824 |
| 25 | **Registered Radioactive Substances**<br>Name: University Of Manchester<br>Location: Oxford Road, MANCHESTER, Lancashire, M13 9PL<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bx8548<br>Dated: 1st October 2004<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Application has been authorised and any conditions apply to the operatorAuthorised**<br>Positional Accuracy: Automatically positioned to the address | A18NE (N) | 955 | 2 | 384615 396824 |
| 25 | **Registered Radioactive Substances**<br>Name: University Of Manchester<br>Location: Oxford Road, MANCHESTER, Lancashire, M13 9PL<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bx8564<br>Dated: 2nd September 2004<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A18NE (N) | 955 | 2 | 384615 396824 |
| | **River Quality**<br>Name: Corn Bk<br>GQA Grade: River Quality C<br>Reach: Qsl At Openshaw To Msc<br>Estimated Distance (km): 5.6<br>Flow Rate: Flow less than 0.31 cumecs<br>Flow Type: River<br>Year: 2000 | A18NW (N) | 957 | 2 | 384266 396861 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 26 | **Water Abstractions**<br>Operator: Heineken Uk Ltd<br>Licence Number: 2569007007<br>Permit Version: 102<br>Location: Borehole At Premises Moss Side Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (High Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Premises At Moss Side, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 23rd November 2009<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A12NE (W) | 432 | 2 | 383900 395900 |
| 26 | **Water Abstractions**<br>Operator: Heineken Uk Ltd<br>Licence Number: 2569007007<br>Permit Version: 102<br>Location: Borehole At Premises Moss Side Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Process Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Premises At Moss Side, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 23rd November 2009<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A12NE (W) | 432 | 2 | 383900 395900 |
| 26 | **Water Abstractions**<br>Operator: Scottish And Newcastle Uk Ltd<br>Licence Number: 2569007007<br>Permit Version: 101<br>Location: Borehole At Premises Moss Side Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (High Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Premises At Moss Side, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 17th April 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A12NE (W) | 432 | 2 | 383900 395900 |
| 26 | **Water Abstractions**<br>Operator: Scottish And Newcastle Uk Ltd<br>Licence Number: 2569007007<br>Permit Version: 101<br>Location: Borehole At Premises Moss Side Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Process Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Premises At Moss Side, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 17th April 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A12NE (W) | 432 | 2 | 383900 395900 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 26 | **Water Abstractions**<br>Operator: Scottish Courage Brewing Ltd<br>Licence Number: 2569007007<br>Permit Version: 100<br>Location: Borehole At Premises Moss Side Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (High Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 900<br>Yearly Rate (m3): 227000<br>Details: Premises At Moss Side, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 31st December 2003<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A12NE (W) | 432 | 2 | 383900 395900 |
| 26 | **Water Abstractions**<br>Operator: Scottish Courage Brewing Ltd<br>Licence Number: 2569007007<br>Permit Version: 100<br>Location: Borehole At Premises Moss Side Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Process Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Premises At Moss Side, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 31st December 2003<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A12NE (W) | 432 | 2 | 383900 395900 |
| 26 | **Water Abstractions**<br>Operator: Heineken Uk Ltd<br>Licence Number: 2569007007<br>Permit Version: 103<br>Location: Borehole At Premises Moss Side Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Process Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Premises At Moss Side, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 8th May 2014<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A12NE (W) | 467 | 2 | 383865 395909 |
| 26 | **Water Abstractions**<br>Operator: Heineken Uk Ltd<br>Licence Number: 2569007007<br>Permit Version: 103<br>Location: Borehole At Premises Moss Side Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (High Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Premises At Moss Side, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 8th May 2014<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A12NE (W) | 467 | 2 | 383865 395909 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: Manchester Metropolitan University<br>Licence Number: Nw/069/0004/003<br>Permit Version: 1<br>Location: Borehole At Manchester Metropolitan University<br>Authority: Environment Agency, North West Region<br>Abstraction: Schools and Colleges: Heat Pump<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 1st January 2015<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A17NE (NW) | 1042 | 2 | 383715 396746 |
| | **Water Abstractions**<br>Operator: Manchester Metropolitan University<br>Licence Number: Nw/069/0004/003<br>Permit Version: 1<br>Location: Borehole At Manchester Metropolitan University<br>Authority: Environment Agency, North West Region<br>Abstraction: Schools and Colleges: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 1st January 2015<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A17NE (NW) | 1042 | 2 | 383715 396746 |
| | **Water Abstractions**<br>Operator: Hydes Brewery Ltd<br>Licence Number: 2569007009<br>Permit Version: 102<br>Location: Borehole At Premises, Moss Lane West Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Process Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: 46 Moss Lane West, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 12th April 2006<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A11SE (W) | 1112 | 2 | 383220 395850 |
| | **Water Abstractions**<br>Operator: Hydes Brewery Ltd<br>Licence Number: 2569007009<br>Permit Version: 101<br>Location: Borehole At Premises, Moss Lane West Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (Low Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 373<br>Yearly Rate (m3): 66826<br>Details: 46 Moss Lane West, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 7th October 2000<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A11SE (W) | 1112 | 2 | 383220 395850 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: Hydes Brewery Ltd<br>Licence Number: 2569007009<br>Permit Version: 101<br>Location: Borehole At Premises, Moss Lane West Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Process Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: 46 Moss Lane West, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 7th October 2000<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A11SE (W) | 1112 | 2 | 383220 395850 |
| | **Water Abstractions**<br>Operator: Manchester Metropolitan University<br>Licence Number: Nw/069/0006/003<br>Permit Version: 2<br>Location: Borehole 1 At Lower Chatham Street<br>Authority: Environment Agency, North West Region<br>Abstraction: Schools and Colleges: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 4th April 2014<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A23SW (N) | 1195 | 2 | 384180 397091 |
| | **Water Abstractions**<br>Operator: Manchester Metropolitan University<br>Licence Number: Nw/069/0006/003<br>Permit Version: 2<br>Location: Borehole 1 At Lower Chatham Street<br>Authority: Environment Agency, North West Region<br>Abstraction: Schools and Colleges: Heat Pump<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 4th April 2014<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A23SW (N) | 1195 | 2 | 384180 397091 |
| | **Water Abstractions**<br>Operator: Manchester Metropolitan University<br>Licence Number: Nw/069/0006/003<br>Permit Version: 1<br>Location: Borehole 1 At Lower Chatham Street<br>Authority: Environment Agency, North West Region<br>Abstraction: Schools and Colleges: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 1st April 2011<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A23SW (N) | 1195 | 2 | 384180 397091 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: Manchester Metropolitan University<br>Licence Number: Nw/069/0006/003<br>Permit Version: 1<br>Location: Borehole 1 At Lower Chatham Street<br>Authority: Environment Agency, North West Region<br>Abstraction: Schools and Colleges: Heat Pump<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 1st April 2011<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A23SW (N) | 1195 | 2 | 384180 397091 |
| | **Water Abstractions**<br>Operator: Dunlop Rubber Co Limited<br>Licence Number: 2569007027<br>Permit Version: Not Supplied<br>Location: Borehole, Cambridge Street, MANCHESTER<br>Authority: Environment Agency, North West Region<br>Abstraction: Cooling<br>Abstraction Type: Not Supplied<br>Source: Groundwater<br>Daily Rate (m3): 1811<br>Yearly Rate (m3): 154564<br>Details: Licence Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A22SE (N) | 1336 | 2 | 384000 397200 |
| | **Water Abstractions**<br>Operator: G T Energy Uk Limited<br>Licence Number: Nw/069/0004/005<br>Permit Version: 2<br>Location: Area Of Abstraction - Lower Carboniferous Limestone<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: Heat Pump<br>Abstraction Type: Water may be abstracted from any point within an area<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Devonshire Street, Manchester<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 11th June 2013<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A20NE (NE) | 1615 | 2 | 385729 396778 |
| | **Water Abstractions**<br>Operator: Gt Energy Limited<br>Licence Number: Nw/069/0004/005<br>Permit Version: 1<br>Location: Area Of Abstraction - Lower Carboniferous Limestone<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: Heat Pump<br>Abstraction Type: Water may be abstracted from any point within an area<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 17th January 2013<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A20NE (NE) | 1615 | 2 | 385729 396778 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: North Western Electricity Board<br>Licence Number: 2569006023<br>Permit Version: Not Supplied<br>Location: Rochdale Canal, Dickinson Street, MANCHESTER<br>Authority: Environment Agency, North West Region<br>Abstraction: Cooling<br>Abstraction Type: Not Supplied<br>Source: Canal<br>Daily Rate (m3): 82<br>Yearly Rate (m3): 25230<br>Details: Licence Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | (N) | 1809 | 2 | 384100<br>397700 |
| | **Water Abstractions**<br>Operator: West Contracting<br>Licence Number: Nw0690006001<br>Permit Version: 1<br>Location: Boreholes At Origin Developments, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 May<br>Authorised End: 30 September<br>Permit Start Date: 19th January 2009<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (N) | 1828 | 2 | 384378<br>397733 |
| | **Water Abstractions**<br>Operator: West Contracting<br>Licence Number: Nw/069/0006/001<br>Permit Version: 1<br>Location: Boreholes At Origin Developments, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 May<br>Authorised End: 30 September<br>Permit Start Date: 19th January 2009<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (N) | 1828 | 2 | 384378<br>397733 |
| | **Water Abstractions**<br>Operator: Moseley Rubber Co Ltd<br>Licence Number: 2569006001<br>Permit Version: 100<br>Location: Borehole At Premises, Broadie St, Ardwick, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Rubber: General Cooling (Existing Licences Only) (Low Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 909<br>Yearly Rate (m3): 331858<br>Details: Premises At Broadie St., Ardwick<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 8th February 1966<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A24NE (NE) | 1854 | 2 | 385240<br>397540 |
| | **Groundwater Vulnerability**<br>Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise<br>Map Sheet: Sheet 17 Derbyshire & North Staffordshire<br>Scale: 1:100,000 | A13NW (SW) | 0 | 2 | 384348<br>395879 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Drift Deposits**<br>Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium<br>Map Sheet: Sheet 17 Derbyshire & North Staffordshire<br>Scale: 1:100,000 | A13NW (SW) | 0 | 2 | 384348 395879 |
| | **Bedrock Aquifer Designations**<br>Aquifer Designation: Principal Aquifer | A13NW (SW) | 0 | 1 | 384348 395879 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | A13NW (SW) | 0 | 1 | 384348 395879 |
| 27 | **Source Protection Zones**<br>Name: Moss Side<br>Source: Environment Agency, Head Office<br>Reference: Nw097<br>Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source. | A13NW (SW) | 0 | 2 | 384348 395879 |
| 28 | **Source Protection Zones**<br>Name: Moss Side<br>Source: Environment Agency, Head Office<br>Reference: Nw097<br>Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater. | A13NW (W) | 233 | 2 | 384098 395887 |
| 29 | **Source Protection Zones**<br>Name: Moss Side<br>Source: Environment Agency, Head Office<br>Reference: Nw097<br>Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source. | A12NE (W) | 363 | 2 | 383969 395889 |
| 30 | **Source Protection Zones**<br>Name: Moss Side<br>Source: Environment Agency, Head Office<br>Reference: Nw097<br>Type: Groundwater Source | A12NE (W) | 482 | 2 | 383850 395900 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NW (N) | 191 | 2 | 384320 396097 |
| | **Flooding from Rivers or Sea without Defences**<br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NW (NW) | 245 | 2 | 384110 396009 |
| | **Areas Benefiting from Flood Defences**<br>None | | | | |
| | **Flood Water Storage Areas**<br>None | | | | |
| | **Flood Defences**<br>None | | | | |
| 31 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 6195.1<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1 | A13NW (NW) | 285 | 4 | 384077 396034 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 32 | **Historical Landfill Sites**<br>Licence Holder: Demolition Service Limited<br>Location: Hulme, Manchester<br>Name: Moss Side Shopping Centre<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD16588<br>First Input Date: 31st May 1994<br>Last Input Date: 5th June 1995<br>Specified Waste Type: Deposited Waste included Inert and Industrial Waste<br>EA Waste Ref: 0<br>Regis Ref: Not Supplied<br>WRC Ref: 4200/9100<br>BGS Ref: Not Supplied<br>Other Ref: F061 ,0103, RD/LIC/1036/93 | A12NE (W) | 597 | 2 | 383738 395969 |
| | **Local Authority Landfill Coverage**<br>Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency | | 0 | 5 | 384348 395879 |
| 33 | **Potentially Infilled Land (Non-Water)**<br>Bearing Ref: S<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1989 | A8SE (S) | 779 | - | 384407 395071 |
| 34 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A13NW (N) | 71 | - | 384338 395978 |
| 35 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A13SW (W) | 90 | - | 384241 395844 |
| 36 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A13SW (S) | 145 | - | 384281 395712 |
| 37 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A13SW (S) | 192 | - | 384329 395656 |
| 38 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A13SE (E) | 240 | - | 384601 395813 |
| 39 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A13SE (SE) | 262 | - | 384532 395658 |
| 40 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1956 | A14SW (E) | 344 | - | 384713 395837 |
| 41 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1895 | A8NE (S) | 393 | - | 384498 395483 |
| 42 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A14NW (NE) | 407 | - | 384714 396122 |
| 43 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A18SE (N) | 414 | - | 384480 396301 |
| 44 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A14SW (SE) | 431 | - | 384740 395662 |
| 45 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A12SE (SW) | 496 | - | 383941 395543 |
| 46 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A18SE (NE) | 507 | - | 384663 396316 |
| 47 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A8NW (SW) | 508 | - | 384124 395385 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 48 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A12SE (SW) | 542 | - | 383878 395552 |
| 49 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A8NE (S) | 550 | - | 384498 395317 |
| 50 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A8NW (S) | 558 | - | 384204 395304 |
| 51 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A9NW (SE) | 559 | - | 384792 395504 |
| 52 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A18SW (N) | 564 | - | 384166 396445 |
| 53 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1956 | A14SW (E) | 574 | - | 384936 395779 |
| 54 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A12NE (NW) | 609 | - | 383762 396123 |
| 55 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A7NE (SW) | 613 | - | 383982 395345 |
| 56 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A8NW (S) | 615 | - | 384299 395234 |
| 57 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A8NW (S) | 618 | - | 384209 395242 |
| 58 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A8NW (S) | 646 | - | 384313 395202 |
| 59 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A12SE (W) | 647 | - | 383707 395679 |
| 60 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A8SW (S) | 670 | - | 384180 395196 |
| 61 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A7NE (SW) | 696 | - | 383954 395263 |
| 62 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A12NW (W) | 708 | - | 383638 396051 |
| 63 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A12SW (W) | 711 | - | 383640 395682 |
| 64 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A19SW (NE) | 750 | - | 384943 396388 |
| 65 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1909 | A14NE (E) | 760 | - | 385105 396104 |
| 66 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A12NW (W) | 761 | - | 383578 396013 |
| 67 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A7NE (SW) | 777 | - | 383752 395330 |
| 68 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A9NW (SE) | 777 | - | 384801 395214 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 69 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A8SE (S) | 782 | - | 384610 395109 |
| 70 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A12SW (W) | 813 | - | 383525 395744 |
| 71 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A9NW (SE) | 816 | - | 384880 395225 |
| 72 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A12NW (W) | 819 | - | 383545 396134 |
| 73 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A17SE (NW) | 843 | - | 383771 396536 |
| 74 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A8SW (S) | 855 | - | 384074 395033 |
| 75 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A18NE (N) | 865 | - | 384654 396719 |
| 76 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A9SW (SE) | 870 | - | 384783 395092 |
| 77 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A7NW (SW) | 880 | - | 383573 395402 |
| 78 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A9SW (SE) | 887 | - | 384778 395070 |
| 79 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A7SE (SW) | 924 | - | 383813 395084 |
| 80 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A9SW (SE) | 935 | - | 385013 395187 |
| 81 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A9NE (SE) | 936 | - | 385047 395221 |
| 82 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A14SE (E) | 941 | - | 385312 395856 |
| 83 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A7NW (SW) | 947 | - | 383613 395231 |
| 84 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A8SW (S) | 959 | - | 384186 394900 |
| 85 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A7NW (SW) | 967 | - | 383534 395303 |
| 86 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A19SE (E) | 974 | - | 385292 396220 |
| 87 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A7SE (SW) | 978 | - | 383946 394949 |
| 88 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A8SW (S) | 981 | - | 384178 394879 |
| 89 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A8SE (S) | 982 | - | 384662 394916 |

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| | **Potentially Infilled Land (Water)** | | | | |
| 90 | Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A19SE (NE) | 987 | - | 385242 396368 |
| | **Registered Landfill Sites** | | | | |
| 91 | Licence Holder: Demolition Services Ltd<br>Licence Reference: 01036<br>Site Location: Moss Side District Shopping Centre, Moss Side, Manchester, Greater Manchester<br>Licence Easting: 383500<br>Licence Northing: 396100<br>Operator Location: Croft House, Whitehall Road, Drighlington, Bradford, West Yorkshire<br>Authority: Environment Agency - North West Region, South Area<br>Site Category: Landfill<br>Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year)<br>Waste Source Restrictions: Some restriction on source of waste<br>Status: Licence has completion certificateSurrendered<br>Dated: 1st April 1994<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Max.Waste Permitted By Licence<br>Rubble,Hardcore,Stone,Brickwk,Concrete<br>Prohibited Waste: Asbestos<br>Liquid Wastes<br>Sludge Wastes<br>Special Wastes<br>Waste In Drums<br>Waste In Skips<br>Waste N.O.S Whether/Not Pack./Pre-Trt | A12NW (W) | 854 | 2 | 383500 396100 |
| | **Registered Waste Treatment or Disposal Sites** | | | | |
| 92 | Licence Holder: Central Manchester Area Health Auth<br>Licence Reference: 00589/M01<br>Site Location: Manchester Royal Infirmary, Oxford Road, Manchester, Greater Manchester, M13 9wl<br>Operator Location: Cobbett House, Manchester, Greater Manchester<br>Authority: Environment Agency - North West Region, South Area<br>Site Category: Storage<br>Max Input Rate: Undefined<br>Waste Source Restrictions: Only waste produced on site<br>Licence Status: Operational as far as is knownOperational<br>Dated: 1st April 1990<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Contaminated Rubbish/Bags/Sacks<br>Domestic/Com. From Hospital Sources<br>Hospital Clinical Wastes<br>Medical, Surgical, Veterinary Wastes | A14NE (E) | 933 | 2 | 385300 396000 |

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| | **BGS 1:625,000 Solid Geology**<br>Description: Triassic Rocks (Undifferentiated) | A13NW (SW) | 0 | 1 | 384348 395879 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A13NW (SW) | 0 | 1 | 384348 395879 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 25 - 35 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A14NE (E) | 729 | 1 | 385097 395981 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 25 - 35 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel Concentration: 45 - 60 mg/kg | A18NE (N) | 918 | 1 | 384630 396782 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 25 - 35 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A14NE (E) | 936 | 1 | 385287 396098 |
| 93 | **BGS Recorded Mineral Sites**<br>Site Name: Moss Side Brick Works<br>Location: , Moss Side, Manchester<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 91151<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Quaternary<br>Geology: Till, Devensian<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m | A8SE (S) | 928 | 1 | 384556 394942 |

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| | **BGS Measured Urban Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 384140, 395740<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured Concentration: 17.90 mg/kg<br>Cadmium Measured Concentration: 1.00 mg/kg<br>Chromium Measured Concentration: 70.10 mg/kg<br>Lead Measured Concentration: 317.80 mg/kg<br>Nickel Measured Concentration: 28.20 mg/kg | A13SW (SW) | 220 | 1 | 384140 395740 |
| | **BGS Measured Urban Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 384230, 396230<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured Concentration: 14.10 mg/kg<br>Cadmium Measured Concentration: 0.70 mg/kg<br>Chromium Measured Concentration: 51.90 mg/kg<br>Lead Measured Concentration: 174.60 mg/kg<br>Nickel Measured Concentration: 19.20 mg/kg | A18SW (N) | 340 | 1 | 384230 396230 |
| | **BGS Measured Urban Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 384830, 395870<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured Concentration: 26.80 mg/kg<br>Cadmium Measured Concentration: 0.60 mg/kg<br>Chromium Measured Concentration: 74.20 mg/kg<br>Lead Measured Concentration: 291.00 mg/kg<br>Nickel Measured Concentration: 30.00 mg/kg | A14SW (E) | 458 | 1 | 384830 395870 |
| | **BGS Measured Urban Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 383780, 395730<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured Concentration: 20.40 mg/kg<br>Cadmium Measured Concentration: 1.10 mg/kg<br>Chromium Measured Concentration: 74.20 mg/kg<br>Lead Measured Concentration: 175.00 mg/kg<br>Nickel Measured Concentration: 29.00 mg/kg | A12SE (W) | 564 | 1 | 383780 395730 |
| | **BGS Measured Urban Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 384760, 396320<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured Concentration: 36.70 mg/kg<br>Cadmium Measured Concentration: 1.70 mg/kg<br>Chromium Measured Concentration: 88.30 mg/kg<br>Lead Measured Concentration: 690.30 mg/kg<br>Nickel Measured Concentration: 42.60 mg/kg | A19SW (NE) | 571 | 1 | 384760 396320 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Measured Urban Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 384250, 395280<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured Concentration: 14.60 mg/kg<br>Cadmium Measured Concentration: 0.90 mg/kg<br>Chromium Measured Concentration: 67.10 mg/kg<br>Lead Measured Concentration: 133.80 mg/kg<br>Nickel Measured Concentration: 22.60 mg/kg | A8NW (S) | 574 | 1 | 384250 395280 |
| | **BGS Measured Urban Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 384270, 396640<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured Concentration: 31.40 mg/kg<br>Cadmium Measured Concentration: 1.70 mg/kg<br>Chromium Measured Concentration: 63.00 mg/kg<br>Lead Measured Concentration: 203.20 mg/kg<br>Nickel Measured Concentration: 26.60 mg/kg | A18NW (N) | 737 | 1 | 384270 396640 |
| | **BGS Measured Urban Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 383660, 396290<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured Concentration: 26.50 mg/kg<br>Cadmium Measured Concentration: 0.50 mg/kg<br>Chromium Measured Concentration: 76.20 mg/kg<br>Lead Measured Concentration: 272.90 mg/kg<br>Nickel Measured Concentration: 32.60 mg/kg | A17SW (NW) | 774 | 1 | 383660 396290 |
| | **BGS Measured Urban Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 384830, 395220<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured Concentration: 18.10 mg/kg<br>Cadmium Measured Concentration: 0.90 mg/kg<br>Chromium Measured Concentration: 106.60 mg/kg<br>Lead Measured Concentration: 165.80 mg/kg<br>Nickel Measured Concentration: 22.70 mg/kg | A9NW (SE) | 789 | 1 | 384830 395220 |
| | **BGS Measured Urban Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 384720, 396660<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured Concentration: 117.40 mg/kg<br>Cadmium Measured Concentration: 2.50 mg/kg<br>Chromium Measured Concentration: 361.90 mg/kg<br>Lead Measured Concentration: 1513.50 mg/kg<br>Nickel Measured Concentration: 129.20 mg/kg | A19NW (NE) | 835 | 1 | 384720 396660 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Measured Urban Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 385220, 395710<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured Concentration: 35.50 mg/kg<br>Cadmium Measured Concentration: 1.00 mg/kg<br>Chromium Measured Concentration: 172.40 mg/kg<br>Lead Measured Concentration: 579.80 mg/kg<br>Nickel Measured Concentration: 36.30 mg/kg | A14SE (E) | 866 | 1 | 385220 395710 |
| | **BGS Measured Urban Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 385180, 396250<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured Concentration: 16.10 mg/kg<br>Cadmium Measured Concentration: 0.30 mg/kg<br>Chromium Measured Concentration: 113.70 mg/kg<br>Lead Measured Concentration: 124.30 mg/kg<br>Nickel Measured Concentration: 27.40 mg/kg | A19SE (NE) | 880 | 1 | 385180 396250 |
| | **BGS Measured Urban Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 383680, 395190<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured Concentration: 15.00 mg/kg<br>Cadmium Measured Concentration: 0.30 mg/kg<br>Chromium Measured Concentration: 60.00 mg/kg<br>Lead Measured Concentration: 237.40 mg/kg<br>Nickel Measured Concentration: 24.20 mg/kg | A7SE (SW) | 926 | 1 | 383680 395190 |
| | **BGS Measured Urban Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 383760, 396710<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured Concentration: 14.70 mg/kg<br>Cadmium Measured Concentration: 0.50 mg/kg<br>Chromium Measured Concentration: 38.70 mg/kg<br>Lead Measured Concentration: 110.90 mg/kg<br>Nickel Measured Concentration: 13.20 mg/kg | A17NE (NW) | 987 | 1 | 383760 396710 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Urban Soil Chemistry Averages**<br>Source: British Geological Survey, National Geoscience Information Service<br>Sample Area: Manchester<br>Count Id: 300<br>Arsenic Minimum Concentration: 3.00 mg/kg<br>Arsenic Average Concentration: 28.00 mg/kg<br>Arsenic Maximum Concentration: 1008.00 mg/kg<br>Cadmium Minimum Concentration: 0.30 mg/kg<br>Cadmium Average Concentration: 1.40 mg/kg<br>Cadmium Maximum Concentration: 80.30 mg/kg<br>Chromium Minimum Concentration: 29.00 mg/kg<br>Chromium Average Concentration: 92.00 mg/kg<br>Chromium Maximum Concentration: 1252.00 mg/kg<br>Lead Minimum Concentration: 20.00 mg/kg<br>Lead Average Concentration: 270.00 mg/kg<br>Lead Maximum Concentration: 2687.00 mg/kg<br>Nickel Minimum Concentration: 5.00 mg/kg<br>Nickel Average Concentration: 32.00 mg/kg<br>Nickel Maximum Concentration: 137.00 mg/kg | A13NW (SW) | 0 | 1 | 384348 395879 |
| | **Coal Mining Affected Areas**<br>In an area that might not be affected by coal mining | | | | |
| | **Non Coal Mining Areas of Great Britain**<br>No Hazard | | | | |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 1 | 384348 395879 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 1 | 384348 395879 |
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 1 | 384348 395879 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 1 | 384348 395879 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 1 | 384348 395879 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 1 | 384348 395879 |
| | **Radon Potential - Radon Affected Areas**<br>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).<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 1 | 384348 395879 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 1 | 384348 395879 |

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| 94 | **Contemporary Trade Directory Entries**<br>Name: Qiagen<br>Location: Skelton House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SH<br>Classification: Chemists' & Pharmacists' Suppliers & Wholesalers<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A13NE (N) | 186 | - | 384411 396083 |
| 95 | **Contemporary Trade Directory Entries**<br>Name: Dot Vehicle Repairs<br>Location: Salisbury St, Manchester, M14 4ND<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A13SW (SW) | 208 | - | 384228 395668 |
| 96 | **Contemporary Trade Directory Entries**<br>Name: Ossur (Uk) Ltd<br>Location: Synergy House, Guildhall Close, Manchester Science Park, Manchester, M15 6SY<br>Classification: Disability Equipment - Manufacturers & Suppliers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A13NW (N) | 220 | - | 384268 396116 |
| 96 | **Contemporary Trade Directory Entries**<br>Name: Relisys<br>Location: Synergy House, Guildhall Close, Manchester Science Park, Manchester, M15 6SY<br>Classification: Computer Manufacturers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A13NW (N) | 220 | - | 384268 396116 |
| 96 | **Contemporary Trade Directory Entries**<br>Name: Sasc<br>Location: Synergy House, Guildhall Close, Manchester Science Park, Manchester, Lancashire, M15 6SY<br>Classification: Chemical Manufacturers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A13NW (N) | 220 | - | 384268 396116 |
| 97 | **Contemporary Trade Directory Entries**<br>Name: Greenhey'S M O T Station Ltd<br>Location: Unit 4 Monton Street, Monton Trading Estate, Manchester, Greater Manchester, M14 4LS<br>Classification: Mot Testing Centres<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A13SE (S) | 232 | - | 384354 395616 |
| 97 | **Contemporary Trade Directory Entries**<br>Name: Greenheys M O T Station<br>Location: Unit 4 Monton Street,Monton Trading Estate, Manchester, Greater Manchester, M14 4LS<br>Classification: Mot Testing Centres<br>**Status: Active**<br>Positional Accuracy: Manually positioned within the geographical locality | A13SE (S) | 238 | - | 384369 395610 |
| 97 | **Contemporary Trade Directory Entries**<br>Name: Greenheys Workshop<br>Location: Monton St, Manchester, M14 4LS<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A13SW (S) | 277 | - | 384350 395571 |
| 98 | **Contemporary Trade Directory Entries**<br>Name: Oudscent<br>Location: 2, Maine Road, Manchester, M14 4DW<br>Classification: Perfume Suppliers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A13SE (S) | 285 | - | 384462 395585 |
| 98 | **Contemporary Trade Directory Entries**<br>Name: Olympics Ltd<br>Location: 37-39 Upper Lloyd St, Manchester, Lancashire, M14 4HY<br>Classification: Domestic Appliances - Servicing, Repairs & Parts<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the address or location | A13SE (S) | 286 | - | 384462 395584 |
| 98 | **Contemporary Trade Directory Entries**<br>Name: Henson Hardware<br>Location: 227-229, Great Western Street, Manchester, M14 4LG<br>Classification: Hardware<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A13SE (S) | 330 | - | 384473 395541 |

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| 98 | **Contemporary Trade Directory Entries**<br>Name: Caribbean Style Agency<br>Location: 235, Great Western Street, Manchester, M14 4LQ<br>Classification: Freight Forwarders<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A8NE (SE) | 345 | - | 384502 395537 |
| 99 | **Contemporary Trade Directory Entries**<br>Name: Zilico<br>Location: Rutherford House, 40, Pencroft Way, Manchester Science Park, Manchester, M15 6SZ<br>Classification: Medical Equipment Manufacturers<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A18SW (N) | 333 | - | 384310 396238 |
| 99 | **Contemporary Trade Directory Entries**<br>Name: Trinity Integrated Systems<br>Location: Kingston House, Towers Business Park, Wilmslow Road, Manchester, M20 2LD<br>Classification: Automation Systems & Equipment<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A18SW (N) | 333 | - | 384312 396239 |
| 99 | **Contemporary Trade Directory Entries**<br>Name: I P E C<br>Location: Rutherford House, 40, Pencroft Way, Manchester Science Park, MANCHESTER, M15 6SZ<br>Classification: Electronic Engineers<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A18SW (N) | 333 | - | 384312 396239 |
| 99 | **Contemporary Trade Directory Entries**<br>Name: Pharmalogical<br>Location: Rutherford House, 40, Pencroft Way, Manchester Science Park, Manchester, Lancashire, M15 6SZ<br>Classification: Chemists' & Pharmacists' Suppliers & Wholesalers<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the address or location | A18SW (N) | 333 | - | 384312 396239 |
| 99 | **Contemporary Trade Directory Entries**<br>Name: Igm Resins<br>Location: Rutherford House, 40, Pencroft Way, Manchester Science Park, Manchester, M15 6GG<br>Classification: Chemicals - Distributors & Wholesalers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A18SW (N) | 333 | - | 384312 396239 |
| 100 | **Contemporary Trade Directory Entries**<br>Name: W M Engineering Ltd<br>Location: Enterprise House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE<br>Classification: Engineers - General<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A18SE (N) | 349 | - | 384435 396244 |
| 100 | **Contemporary Trade Directory Entries**<br>Name: Sensalyse Ltd<br>Location: Enterprise House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE<br>Classification: Laboratories<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A18SE (N) | 349 | - | 384435 396244 |
| 101 | **Contemporary Trade Directory Entries**<br>Name: Protein Technologies<br>Location: Unit 51, Greenheys Business Centre, 10, Pencroft Way, Manchester, M15 6JJ<br>Classification: Laboratories<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A18SW (N) | 386 | - | 384268 396287 |
| 101 | **Contemporary Trade Directory Entries**<br>Name: Scientific Laboratory Supplies Ltd<br>Location: Greenheys Business Centre, Pencroft Way, Manchester, Lancashire, M15 6JJ<br>Classification: Laboratory Equipment, Instruments & Supplies<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A18SW (N) | 386 | - | 384268 396287 |
| 101 | **Contemporary Trade Directory Entries**<br>Name: Kaiku Ltd<br>Location: Greenheys Business Centre, Pencroft Way, Manchester, M15 6JJ<br>Classification: Scientific Apparatus & Instruments - Manufacturers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A18SW (N) | 386 | - | 384268 396287 |

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|---|---|---|---|---|---|
| 101 | **Contemporary Trade Directory Entries**<br>Name: Idvac<br>Location: Unit 15, Greenheys Business Centre, 10, Pencroft Way, Manchester, M15 6JJ<br>Classification: Coating Specialists<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A18SW (N) | 386 | - | 384268 396287 |
| 101 | **Contemporary Trade Directory Entries**<br>Name: Ipec<br>Location: Greenheys Business Centre,Pencroft Way, Manchester, Lancashire, M15 6JJ<br>Classification: Engineers - General<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the address or location | A18SW (N) | 386 | - | 384267 396286 |
| 101 | **Contemporary Trade Directory Entries**<br>Name: Grand Healthcare<br>Location: 40 Greenheys Business Centre,Pencroft Way, Manchester, Lancashire, M15 6JJ<br>Classification: Disability Equipment - Manufacturers & Suppliers<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the address or location | A18SW (N) | 386 | - | 384267 396286 |
| 101 | **Contemporary Trade Directory Entries**<br>Name: Green Digits<br>Location: Greenheys Business Centre,Pencroft Way, Manchester, Lancashire, M15 6JJ<br>Classification: Recycling Services<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned within the geographical locality | A18SW (N) | 386 | - | 384268 396287 |
| 102 | **Contemporary Trade Directory Entries**<br>Name: 1st Callautolocksmith.Co.Uk<br>Location: 9, Greenheys Lane, Manchester, M15 6NQ<br>Classification: Lock Suppliers and Manufacturers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A18SW (N) | 412 | - | 384226 396304 |
| 102 | **Contemporary Trade Directory Entries**<br>Name: Cedric'S Motors<br>Location: 1-5, Greenheys Lane, Manchester, M15 6NQ<br>Classification: Mot Testing Centres<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A18SW (N) | 435 | - | 384232 396329 |
| 103 | **Contemporary Trade Directory Entries**<br>Name: Heineken<br>Location: Royal Brewery, 201, Denmark Road, Manchester, M15 6LD<br>Classification: Brewers<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned within the geographical locality | A12NE (W) | 412 | - | 383920 395923 |
| 103 | **Contemporary Trade Directory Entries**<br>Name: Scottish-Newcastle Ltd<br>Location: 201, Denmark Road, Manchester, M15 6LD<br>Classification: Brewers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NE (W) | 412 | - | 383920 395923 |
| 104 | **Contemporary Trade Directory Entries**<br>Name: Emerge Recycling<br>Location: First Floor,Barnhill Studios,Westwood St, Manchester, M14 4SW<br>Classification: Recycling Centres<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A12SE (SW) | 416 | - | 383958 395666 |
| 104 | **Contemporary Trade Directory Entries**<br>Name: Emerge Recycling Ltd<br>Location: First Floor, Barnhill Studios, Westwood Street, Manchester, M14 4SW<br>Classification: Recycling Centres<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned in the proximity of the address | A12SE (SW) | 441 | - | 383941 395643 |
| 105 | **Contemporary Trade Directory Entries**<br>Name: Best Cleaning Manchester<br>Location: 4, Gascoyne Street, Manchester, M14 4FU<br>Classification: Cleaning Services - Domestic<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A8NE (S) | 428 | - | 384508 395449 |

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| 106 | **Contemporary Trade Directory Entries**<br>Name: Gothard Pine<br>Location: Fallover House, 30, Bronte Street, Manchester, M15 6QL<br>Classification: Furniture Manufacturers - Home & Office<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A18SW (NW) | 499 | - | 384031 396304 |
| 107 | **Contemporary Trade Directory Entries**<br>Name: Lig Biowise Ltd<br>Location: Williams House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE<br>Classification: Laboratory Equipment, Instruments & Supplies<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A18SE (N) | 507 | - | 384405 396410 |
| 108 | **Contemporary Trade Directory Entries**<br>Name: Domestic Care<br>Location: 352, Great Western Street, Manchester, M14 4BY<br>Classification: Washing Machines - Servicing & Repairs<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A9NW (SE) | 511 | - | 384728 395503 |
| 108 | **Contemporary Trade Directory Entries**<br>Name: Domestic Care Appliance Ltd<br>Location: 352, Great Western Street, Manchester, M14 4BY<br>Classification: Domestic Appliances - Servicing, Repairs & Parts<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A9NW (SE) | 511 | - | 384728 395503 |
| 109 | **Contemporary Trade Directory Entries**<br>Name: L T Switchgear Ltd<br>Location: 120, Princess Road, Manchester, M15 5AT<br>Classification: Electrical Goods - Manufacturers & Wholesalers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NE (W) | 533 | - | 383799 395917 |
| 109 | **Contemporary Trade Directory Entries**<br>Name: Bridgwater Hospital<br>Location: 120, Princess Road, Manchester, M15 5AT<br>Classification: Hospitals<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NE (W) | 533 | - | 383799 395917 |
| 109 | **Contemporary Trade Directory Entries**<br>Name: Bridgewater Hospital<br>Location: 120, Princess Road, Manchester, M15 5AT<br>Classification: Hospitals<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NE (W) | 534 | - | 383798 395916 |
| 110 | **Contemporary Trade Directory Entries**<br>Name: Aquatech - Pressmain<br>Location: Dolphin House, 130, Princess Road, Manchester, Lancashire, M16 7BY<br>Classification: Pumps - Sales, Servicing & Repairs<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 539 | - | 383795 395798 |
| 110 | **Contemporary Trade Directory Entries**<br>Name: Aquatech Pressmain<br>Location: Dolphin House, 130, Princess Road, Manchester, M16 7BY<br>Classification: Manufacturers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 539 | - | 383795 395798 |
| 111 | **Contemporary Trade Directory Entries**<br>Name: Alexandra Service Station<br>Location: 95, Princess Road, Manchester, M14 4TH<br>Classification: Petrol Filling Stations - 24 Hour<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SE (SW) | 558 | - | 383845 395575 |
| 112 | **Contemporary Trade Directory Entries**<br>Name: Sky Blue Box<br>Location: 5, Brownbank Walk, Manchester, M15 6WS<br>Classification: Printers Textile<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A17SE (NW) | 567 | - | 383940 396315 |

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| 113 | **Contemporary Trade Directory Entries**<br>Name: U Products Co Ltd<br>Location: Unity House, 42, Great Southern Street, Manchester, M14 4EZ<br>Classification: Packaging & Wrapping Equipment & Supplies<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A8NE (SE) | 582 | - | 384679 395366 |
| 114 | **Contemporary Trade Directory Entries**<br>Name: Save Service Station<br>Location: 490, Moss Lane East, Manchester, M14 4PA<br>Classification: Petrol Filling Stations<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A14SW (E) | 584 | - | 384909 395655 |
| 114 | **Contemporary Trade Directory Entries**<br>Name: Whitworth Autos<br>Location: 6 Heald Gro, Manchester, M14 4PB<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A14SW (SE) | 612 | - | 384918 395608 |
| 115 | **Contemporary Trade Directory Entries**<br>Name: Nuffield Health Assessment<br>Location: Nelson Street, Manchester, Greater Manchester, M13 9NQ<br>Classification: Hospitals<br>**Status: Active**<br>Positional Accuracy: Manually positioned within the geographical locality | A19SW (NE) | 590 | - | 384870 396219 |
| 116 | **Contemporary Trade Directory Entries**<br>Name: Asda Petrol<br>Location: 100, Princess Road, Manchester, M15 5AS<br>Classification: Petrol Filling Stations<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NE (W) | 594 | - | 383757 396058 |
| 117 | **Contemporary Trade Directory Entries**<br>Name: U-Print<br>Location: Steve Biko Building, Oxford Road, Manchester, M13 9PR<br>Classification: Printers<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A18SE (NE) | 610 | - | 384676 396430 |
| 117 | **Contemporary Trade Directory Entries**<br>Name: U Print<br>Location: Manchester Students Union Oxford Road, Manchester, Greater Manchester, M13 9PR<br>Classification: Copying & Duplicating Services<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned within the geographical locality | A18SE (NE) | 611 | - | 384681 396429 |
| 118 | **Contemporary Trade Directory Entries**<br>Name: Super Cleaning Services<br>Location: 111, Princess Road, Manchester, M14 4RB<br>Classification: Cleaning Services - Commercial<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A7NE (SW) | 614 | - | 383845 395474 |
| 118 | **Contemporary Trade Directory Entries**<br>Name: Super Cleaning Services Uk Ltd<br>Location: 111, Princess Road, Manchester, M14 4RB<br>Classification: Commercial Cleaning Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A7NE (SW) | 614 | - | 383845 395474 |
| 119 | **Contemporary Trade Directory Entries**<br>Name: Engravings Services Ltd<br>Location: 21, Radnor Street, Hulme, Manchester, M15 5RD<br>Classification: Printers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NE (W) | 620 | - | 383716 395973 |
| 120 | **Contemporary Trade Directory Entries**<br>Name: Andrology Laboratory<br>Location: St Marys Hospital,Hathersage Road, Manchester, Greater Manchester, M13 0JH<br>Classification: Laboratories<br>**Status: Active**<br>Positional Accuracy: Manually positioned within the geographical locality | A14NW (E) | 624 | - | 384996 395909 |

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| 121 | **Contemporary Trade Directory Entries**<br>Name: University Dental Hospital Of Manchester<br>Location: University Dental Hospital of Manchester, Higher Cambridge Street, Manchester, M15 6FH<br>Classification: Hospitals<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A18SE (N) | 637 | - | 384383 396542 |
| 122 | **Contemporary Trade Directory Entries**<br>Name: Road Runners Removals<br>Location: Kreativ House,2 Acker St, Rochdale, Lancashire, OL16 1HZ<br>Classification: Road Haulage Services<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A19SW (NE) | 654 | - | 384773 396418 |
| 123 | **Contemporary Trade Directory Entries**<br>Name: Royal Manchester Childrens Hospital<br>Location: Manchester, M13 9WL<br>Classification: Hospitals<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE) | 658 | - | 384944 396228 |
| 123 | **Contemporary Trade Directory Entries**<br>Name: Central Manchester Hospital<br>Location: The Lodge Atm, Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL<br>Classification: Hospitals<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE) | 658 | - | 384944 396228 |
| 123 | **Contemporary Trade Directory Entries**<br>Name: Manchester Royal Infirmary<br>Location: The Lodge Atm, Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL<br>Classification: Hospitals<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE) | 658 | - | 384944 396228 |
| 123 | **Contemporary Trade Directory Entries**<br>Name: The Kellgren Centre<br>Location: Manchester Royal Infirmary,Oxford Road, Manchester, Greater Manchester, M13 9WL<br>Classification: Hospitals<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE) | 658 | - | 384944 396228 |
| 123 | **Contemporary Trade Directory Entries**<br>Name: Central Manchester Healthcare Trust<br>Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL<br>Classification: Hospitals<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A14NW (NE) | 682 | - | 384979 396212 |
| 123 | **Contemporary Trade Directory Entries**<br>Name: Manchester Royal Eye Hospital<br>Location: Manchester Royal Infirmary,Oxford Rd, Manchester, Lancashire, M13 9WL<br>Classification: Hospitals<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned within the geographical locality | A14NW (NE) | 682 | - | 384979 396212 |
| 123 | **Contemporary Trade Directory Entries**<br>Name: St Mary'S Hospital<br>Location: Manchester Royal Infirmary,Oxford Rd, Manchester, Lancashire, M13 9WL<br>Classification: Hospitals<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned within the geographical locality | A14NW (NE) | 682 | - | 384979 396212 |
| 123 | **Contemporary Trade Directory Entries**<br>Name: Manchester Childrens Hospital<br>Location: Manchester Royal Infirmary,Oxford Rd, Manchester, Lancashire, M13 9WL<br>Classification: Hospitals<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned within the geographical locality | A14NW (NE) | 682 | - | 384979 396212 |
| 124 | **Contemporary Trade Directory Entries**<br>Name: Aayo Travel Cargo<br>Location: 304, Claremont Road, Manchester, M14 4EP<br>Classification: Cargo Handling Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A8SE (S) | 693 | - | 384403 395157 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 125 | **Contemporary Trade Directory Entries**<br>Name: Epistem Ltd<br>Location: 48, Grafton Street, Manchester, M13 9XX<br>Classification: Laboratories<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE) | 706 | - | 384843 396428 |
| 126 | **Contemporary Trade Directory Entries**<br>Name: Scrap Car Now Today Cash Rusholme<br>Location: Wilmslow Road, Manchester, Lancashire, m14 5tp<br>Classification: Car Breakers & Dismantlers<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned within the geographical locality | A14SE (E) | 739 | - | 385056 395604 |
| 126 | **Contemporary Trade Directory Entries**<br>Name: Manchester Flatpack<br>Location: Suite 611,6 Wilmslow Road, Manchester, Greater Manchester, M14 5TP<br>Classification: Boxes & Cartons<br>**Status: Active**<br>Positional Accuracy: Manually positioned within the geographical locality | A14SE (E) | 739 | - | 385056 395604 |
| 126 | **Contemporary Trade Directory Entries**<br>Name: Mail Boxes Etc<br>Location: 6, Wilmslow Road, Manchester, M14 5TP<br>Classification: Copying & Duplicating Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A14SE (E) | 739 | - | 385056 395604 |
| 126 | **Contemporary Trade Directory Entries**<br>Name: United Halal Centre<br>Location: 6, Wilmslow Road, Manchester, M14 5TP<br>Classification: Meat - Wholesale<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A14SE (E) | 739 | - | 385056 395604 |
| 127 | **Contemporary Trade Directory Entries**<br>Name: Alpha M Services<br>Location: Apartment 52, 99, Greenheys Lane West, Manchester, M15 5AX<br>Classification: Car Engine Tuning & Diagnostic Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NW (NW) | 742 | - | 383646 396189 |
| 128 | **Contemporary Trade Directory Entries**<br>Name: Manchester Incubator Building Ltd<br>Location: 48, Grafton Street, Manchester, M13 9XX<br>Classification: Laboratories<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE) | 756 | - | 384952 396387 |
| 129 | **Contemporary Trade Directory Entries**<br>Name: Nuffield Hospital<br>Location: Nelson Street, Manchester, Greater Manchester, M13 9NQ<br>Classification: Hospitals<br>**Status: Active**<br>Positional Accuracy: Manually positioned to the address or location | A19SE (NE) | 763 | - | 385043 396265 |
| 130 | **Contemporary Trade Directory Entries**<br>Name: Travel Saveway & Cargo Ltd<br>Location: 179, Princess Road, Manchester, M14 4RL<br>Classification: Cargo Handling Services<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A7NE (SW) | 771 | - | 383848 395247 |
| 131 | **Contemporary Trade Directory Entries**<br>Name: Timpson Locksmiths<br>Location: 187, Princess Road, Manchester, M14 4RL<br>Classification: Hardware<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A7NE (SW) | 787 | - | 383858 395219 |
| 131 | **Contemporary Trade Directory Entries**<br>Name: 1 Time Domestics<br>Location: 92, Claremont Road, Manchester, M14 4RR<br>Classification: Domestic Appliances - Servicing, Repairs & Parts<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A7SE (SW) | 820 | - | 383843 395190 |
| 132 | **Contemporary Trade Directory Entries**<br>Name: Williams Land Rover<br>Location: Birchall Way, Manchester, M15 6DU<br>Classification: Car Dealers<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A17NE (NW) | 787 | - | 383898 396562 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 133 | **Contemporary Trade Directory Entries**<br>Name: St Mary'S Hospital<br>Location: Oxford Road, Manchester, Greater Manchester, M13 9WL<br>Classification: Hospitals<br>**Status: Active**<br>Positional Accuracy: Manually positioned to the address or location | A14NE (E) | 793 | - | 385154 396033 |
| 134 | **Contemporary Trade Directory Entries**<br>Name: Rusholme Service Station<br>Location: 25-33, Wilmslow Road, Manchester, M14 5TB<br>Classification: Petrol Filling Stations - 24 Hour<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A14SE (E) | 796 | - | 385118 395606 |
| 135 | **Contemporary Trade Directory Entries**<br>Name: Northern 14 Dust Fairies & Handyman Services<br>Location: 133, Heald Place, Manchester, M14 4AT<br>Classification: Commercial Cleaning Services<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A9NW (SE) | 808 | - | 384908 395262 |
| 136 | **Contemporary Trade Directory Entries**<br>Name: Photolink<br>Location: 55, Wilmslow Road, Manchester, M14 5TB<br>Classification: Photographic Processors<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A9NE (SE) | 836 | - | 385131 395535 |
| 136 | **Contemporary Trade Directory Entries**<br>Name: Photo Zone<br>Location: 69, Wilmslow Road, Manchester, M14 5TB<br>Classification: Photographic Processors<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A9NE (SE) | 852 | - | 385139 395512 |
| 136 | **Contemporary Trade Directory Entries**<br>Name: Photozone<br>Location: 69, Wilmslow Road, Manchester, Lancashire, M14 5TB<br>Classification: Photo & Digital Imaging Bureaus<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A9NE (SE) | 852 | - | 385139 395512 |
| 137 | **Contemporary Trade Directory Entries**<br>Name: Shell Rusholme Service Station<br>Location: 10 Wilmslow Road,Rusholme, Manchester, Greater Manchester, M14 5TQ<br>Classification: Petrol Filling Stations<br>**Status: Active**<br>Positional Accuracy: Manually positioned to the address or location | A9NE (SE) | 853 | - | 385115 395464 |
| 138 | **Contemporary Trade Directory Entries**<br>Name: Central Manchester Foundation Trust<br>Location: Manchester Royal Infirmary, Oxford Road, MANCHESTER, M13 9WL<br>Classification: Hospitals<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A14NE (E) | 861 | - | 385228 395997 |
| 139 | **Contemporary Trade Directory Entries**<br>Name: Gordon Motors<br>Location: 14 Bowes St, Manchester, M14 4UL<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A7SE (S) | 861 | - | 384008 395050 |
| 140 | **Contemporary Trade Directory Entries**<br>Name: Oxford Garage<br>Location: Unit 3, Dagenham Road Industrial Estate, Manchester, M14 5ED<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A9NE (SE) | 907 | - | 385179 395470 |
| 140 | **Contemporary Trade Directory Entries**<br>Name: Star Snacks<br>Location: Unit 4, Dagenham Road Industrial Estate, Manchester, M14 5ED<br>Classification: Food Products - Manufacturers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A9NE (SE) | 914 | - | 385182 395461 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 140 | **Contemporary Trade Directory Entries**<br>Name: Shisha House Ltd<br>Location: Unit 7 Walmer Street East, Rusholme, Manchester, Greater Manchester, M14 5SS<br>Classification: Catering Equipment<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned within the geographical locality | A9NE (SE) | 952 | - | 385208 395429 |
| 141 | **Contemporary Trade Directory Entries**<br>Name: Butler Refrigeration Ltd<br>Location: 30, Laurel Avenue, Manchester, Lancashire, M14 7JW<br>Classification: Air Conditioning & Refrigeration Contractors<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A8SW (S) | 911 | - | 384122 394961 |
| 142 | **Contemporary Trade Directory Entries**<br>Name: Rubbish Removals<br>Location: 52, Viscount Street, Manchester, M14 5UH<br>Classification: Rubbish Clearance<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A9NE (SE) | 936 | - | 385038 395212 |
| 143 | **Contemporary Trade Directory Entries**<br>Name: The Rennie Tool Co Ltd<br>Location: 227, Upper Brook Street, Manchester, M13 0HB<br>Classification: Engineers - General<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A19SE (E) | 941 | - | 385248 396246 |
| 144 | **Contemporary Trade Directory Entries**<br>Name: Justakajamesdesigns<br>Location: 234, Greenheys Lane West, Manchester, M15 5AF<br>Classification: Clothing & Fabrics - Manufacturers<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A17SW (NW) | 944 | - | 383454 396254 |
| 145 | **Contemporary Trade Directory Entries**<br>Name: Muprint Ltd<br>Location: 28, Higher Cambridge Street, MANCHESTER, M15 6AA<br>Classification: Printers<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A18NW (N) | 949 | - | 384162 396839 |
| 146 | **Contemporary Trade Directory Entries**<br>Name: Euro Testing Station<br>Location: 5-7, Walmer Street East, Manchester, M14 5SS<br>Classification: Mot Testing Centres<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A9NE (SE) | 949 | - | 385197 395416 |
| 146 | **Contemporary Trade Directory Entries**<br>Name: Euro Testing Station<br>Location: Walmer St East, Rusholme, Manchester, Lancashire, M14 5SS<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the address or location | A9NE (SE) | 954 | - | 385204 395418 |
| 146 | **Contemporary Trade Directory Entries**<br>Name: Mona Lisa (Manchester) Ltd<br>Location: Unit 2, Walmer Street East, Rusholme, Manchester, M14 5SS<br>Classification: Food Products - Manufacturers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A9NE (SE) | 972 | - | 385198 395370 |
| 147 | **Contemporary Trade Directory Entries**<br>Name: K & C Cleaning<br>Location: 76, Wilmslow Road, Manchester, Lancashire, M14 5AL<br>Classification: Commercial Cleaning Services<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the address or location | A9NE (SE) | 950 | - | 385147 395329 |
| 148 | **Contemporary Trade Directory Entries**<br>Name: Yating Lighting<br>Location: Oxford Rd, Manchester, Lancashire, M13 9PL<br>Classification: Lighting Manufacturers<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned within the geographical locality | A18NE (N) | 954 | - | 384615 396824 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 149 | **Contemporary Trade Directory Entries**<br>Name: B J Products Ltd<br>Location: 27, Lloyd Street South, Manchester, M14 7HS<br>Classification: Electrical goods - servicing & repairs<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A8SW (S) | 955 | - | 384271 394895 |
| 150 | **Contemporary Trade Directory Entries**<br>Name: Dolly Tub Laundry Service<br>Location: 1a, Bonsall Street, Manchester, M15 6DR<br>Classification: Laundries & Launderettes<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A18NW (N) | 960 | - | 384034 396819 |
| 150 | **Contemporary Trade Directory Entries**<br>Name: The Dolly Tub<br>Location: 1, Bonsall Street, Manchester, M15 6DR<br>Classification: Ironing & Home Laundry Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A18NW (N) | 960 | - | 384034 396819 |
| 151 | **Contemporary Trade Directory Entries**<br>Name: Pro Cleaners Hulme<br>Location: 17c, Chichester Road South, Manchester, M15 5PL<br>Classification: Cleaning Services - Domestic<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 975 | - | 383389 396155 |
| 152 | **Contemporary Trade Directory Entries**<br>Name: Esso<br>Location: 257, Upper Brook Street, Manchester, M13 0HL<br>Classification: Petrol Filling Stations<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A14NE (E) | 987 | - | 385343 396083 |
| 153 | **Fuel Station Entries**<br>Name: Cordingley Service Station<br>Location: 353 Moss Lane East, Manchester, M14 4PY<br>Brand: OBSOLETE<br>Premises Type: Not Applicable<br>**Status: Obsolete**<br>Positional Accuracy: Approximate location provided by supplier | A13SE (SE) | 289 | - | 384612 395722 |
| 154 | **Fuel Station Entries**<br>Name: Alexandra Service Station<br>Location: 95 Princess Road, Mosside, Manchester, M14 4TH<br>Brand: Obsolete<br>Premises Type: Not Applicable<br>**Status: Obsolete**<br>Positional Accuracy: Automatically positioned to the address | A12SE (SW) | 558 | - | 383845 395575 |
| 155 | **Fuel Station Entries**<br>Name: Save Whitworth Park<br>Location: 490 Moss Lane East, Heald Grove & Heald Place, Rusholme, Manchester, Lancashire, M14 4PA<br>Brand: Obsolete<br>Premises Type: Not Applicable<br>**Status: Obsolete**<br>Positional Accuracy: Located by supplier to within 100m | A14SW (SE) | 647 | - | 384957 395608 |
| 156 | **Fuel Station Entries**<br>Name: Asda Hulme<br>Location: Greenhays Lane West, Archway, Hulme, Manchester, Lancashire, M15 5AQ<br>Brand: ASDA<br>Premises Type: Hypermarket<br>**Status: Open**<br>Positional Accuracy: Manually positioned to the address or location | A17SE (NW) | 745 | - | 383694 396292 |
| 157 | **Fuel Station Entries**<br>Name: Rusholme Service Station<br>Location: 10 Wilmslow Road, Rusholme, Manchester, Lancashire, M14 5TQ<br>Brand: Shell<br>Premises Type: Petrol Station<br>**Status: Open**<br>Positional Accuracy: Manually positioned to the address or location | A14SE (SE) | 767 | - | 385069 395564 |
| 158 | **Fuel Station Entries**<br>Name: Rusholme Service Station<br>Location: 25-33 Wilmslow Road, Rusholme, Manchester, M14 5TB<br>Brand: Obsolete<br>Premises Type: Not Applicable<br>**Status: Obsolete**<br>Positional Accuracy: Manually positioned to the address or location | A14SE (E) | 796 | - | 385119 395608 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 159 | **Fuel Station Entries**<br>Name: Rusholme Express<br>Location: 257, Upper Brook Street, Manchester, M13 0HL<br>Brand: Esso<br>Premises Type: Petrol Station<br>**Status: Open**<br>Positional Accuracy: Manually positioned to the address or location | A14NE (E) | 988 | - | 385343 396087 |
| 160 | **Points of Interest - Commercial Services**<br>Name: Greenheys M O T Station<br>Location: Unit 4 Monton Street, Monton Trading Estate, Manchester, M14 4LS<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A13SE (S) | 193 | 7 | 384374 395656 |
| 161 | **Points of Interest - Commercial Services**<br>Name: Greenheys MOT Station<br>Location: Monton Street, Manchester, M14 4LS<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A13SE (S) | 286 | 7 | 384373 395563 |
| 162 | **Points of Interest - Commercial Services**<br>Name: Caribbean Style Agency<br>Location: 235 Great Western Street, Manchester, M14 4LQ<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A8NE (SE) | 346 | 7 | 384501 395536 |
| 163 | **Points of Interest - Commercial Services**<br>Name: Cedric's Motors<br>Location: 1-5 Greenheys Lane, Manchester, M15 6NQ<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A18SW (N) | 434 | 7 | 384232 396328 |
| 163 | **Points of Interest - Commercial Services**<br>Name: Cedric's Motors<br>Location: 1-5 Greenheys Lane, Manchester, M15 6NQ<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A18SW (N) | 435 | 7 | 384232 396329 |
| 164 | **Points of Interest - Commercial Services**<br>Name: Car Wash<br>Location: Greenhays Lane West, Archway, Hulme, Manchester, Lancashire, M15 5AQ<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location | A17SE (NW) | 745 | 7 | 383694 396292 |
| 164 | **Points of Interest - Commercial Services**<br>Name: Asda Hulme<br>Location: Greenhays Lane West, Archway, Hulme, Manchester, M15 5AQ<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location | A17SE (NW) | 773 | 7 | 383681 396323 |
| 165 | **Points of Interest - Commercial Services**<br>Name: Shell Rusholme<br>Location: 10 Wilmslow Road, Rusholme, Manchester, M14 5TQ<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location | A14SE (SE) | 766 | 7 | 385059 395545 |
| 165 | **Points of Interest - Commercial Services**<br>Name: Car Wash<br>Location: 10 Wilmslow Road, Rusholme, Manchester, Lancashire, M14 5TQ<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location | A14SE (SE) | 767 | 7 | 385069 395564 |
| 166 | **Points of Interest - Commercial Services**<br>Name: Travel Saveway & Cargo Ltd<br>Location: 179 Princess Road, Manchester, M14 4RL<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A7NE (SW) | 771 | 7 | 383848 395247 |
| 167 | **Points of Interest - Commercial Services**<br>Name: A A A A A Windscreens<br>Location: 6 Yew Tree Avenue, Fallowfield, Manchester, M14 7JP<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A8SW (S) | 979 | 7 | 384070 394905 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 167 | **Points of Interest - Commercial Services**<br>Name: L D Windscreen Repairs<br>Location: 6 Yew Tree Avenue, Fallowfield, Manchester, M14 7JP<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A8SW (S) | 979 | 7 | 384070 394905 |
| 168 | **Points of Interest - Commercial Services**<br>Name: Euro Testing Station<br>Location: Unit 4a, Walmer Street East, Rusholme, Manchester, M14 5SS<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A9NE (SE) | 983 | 7 | 385218 395382 |
| 169 | **Points of Interest - Education and Health**<br>Name: Bridgewater Hospital<br>Location: 120 Princess Road, Manchester, M15 5AT<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A12NE (W) | 533 | 7 | 383799 395917 |
| 169 | **Points of Interest - Education and Health**<br>Name: Bridgewater Hospital<br>Location: 120 Princess Road, Manchester, M15 5AT<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A12NE (W) | 533 | 7 | 383799 395917 |
| 169 | **Points of Interest - Education and Health**<br>Name: Bridgewater Wellness Clinic<br>Location: 120 Princess Road, Manchester, M15 5AT<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A12NE (W) | 534 | 7 | 383798 395916 |
| 170 | **Points of Interest - Education and Health**<br>Name: University Dental Hospital of Manchester<br>Location: University Dental Hospital of Manchester, Higher Cambridge Street, Manchester, M15 6FH<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A18SE (N) | 637 | 7 | 384383 396542 |
| 170 | **Points of Interest - Education and Health**<br>Name: University Dental Hospital<br>Location: University Dental Hospital of Manchester, Higher Cambridge Street, Manchester, M15 6FH<br>Category: Health Practitioners and Establishments<br>Class Code: Accident & Emergency Department<br>Positional Accuracy: Positioned to address or location | A18SE (N) | 637 | 7 | 384383 396542 |
| 170 | **Points of Interest - Education and Health**<br>Name: University Dental Hospital<br>Location: University Dental Hospital of Manchester, Higher Cambridge Street, Manchester, M15 6FH<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A18SE (N) | 637 | 7 | 384383 396542 |
| 171 | **Points of Interest - Education and Health**<br>Name: York House<br>Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A14NW (E) | 640 | 7 | 385010 395956 |
| 172 | **Points of Interest - Education and Health**<br>Name: Royal Manchester Children's Hospital<br>Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A14NW (NE) | 682 | 7 | 384979 396212 |
| 172 | **Points of Interest - Education and Health**<br>Name: Manchester Royal Infirmary<br>Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL<br>Category: Health Practitioners and Establishments<br>Class Code: Accident & Emergency Department<br>Positional Accuracy: Positioned to address or location | A14NW (NE) | 682 | 7 | 384979 396212 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 172 | **Points of Interest - Education and Health**<br>Name: Manchester Royal Infirmary<br>Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A14NW (NE) | 682 | 7 | 384979 396212 |
| 173 | **Points of Interest - Education and Health**<br>Name: Royal Manchester Children's Hospital<br>Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A14NE (E) | 783 | 7 | 385147 396013 |
| 174 | **Points of Interest - Education and Health**<br>Name: Manchester Royal Infirmary<br>Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A19SE (NE) | 790 | 7 | 385081 396250 |
| 174 | **Points of Interest - Education and Health**<br>Name: Manchester Royal Infirmary<br>Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL<br>Category: Health Practitioners and Establishments<br>Class Code: Accident & Emergency Department<br>Positional Accuracy: Positioned to address or location | A19SE (NE) | 835 | 7 | 385103 396306 |
| 175 | **Points of Interest - Education and Health**<br>Name: Manchester Royal Eye Hospital<br>Location: Manchester Royal Eye Hospital, Nelson Street, Manchester, M13 9WH<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A14NE (E) | 830 | 7 | 385178 396099 |
| 175 | **Points of Interest - Education and Health**<br>Name: Royal Manchester Children's Hospital<br>Location: Royal Manchester Children's Hospital, Oxford Road, Manchester, M13 9WL<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A14NE (E) | 830 | 7 | 385178 396099 |
| 175 | **Points of Interest - Education and Health**<br>Name: St Mary's Hospital<br>Location: Oxford Road, (Access From Hathersage Road), Manchester, M13 9WL<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A14NE (E) | 830 | 7 | 385178 396099 |
| 175 | **Points of Interest - Education and Health**<br>Name: Manchester Royal Eye Hospital<br>Location: Manchester Royal Eye Hospital, Oxford Road, Manchester, M13 9WL<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A14NE (E) | 830 | 7 | 385178 396099 |
| 175 | **Points of Interest - Education and Health**<br>Name: St Mary's Hospital<br>Location: St. Marys Hospital, Hathersage Road, Manchester, M13 0JH<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A14NE (E) | 856 | 7 | 385208 396085 |
| 176 | **Points of Interest - Education and Health**<br>Name: Paediatric Emergency Department - Royal Manchester Children's Hospital<br>Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL<br>Category: Health Practitioners and Establishments<br>Class Code: Accident & Emergency Department<br>Positional Accuracy: Positioned to address or location | A14NE (E) | 902 | 7 | 385260 396060 |
| 177 | **Points of Interest - Education and Health**<br>Name: Edale House<br>Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A14NE (E) | 910 | 7 | 385282 395889 |
| 178 | **Points of Interest - Manufacturing and Production**<br>Name: Works<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A13NW (W) | 306 | 7 | 384027 395935 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 178 | **Points of Interest - Manufacturing and Production**<br>Name: Works<br>Location: M14<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A13NW (W) | 306 | 7 | 384027 395934 |
| 179 | **Points of Interest - Manufacturing and Production**<br>Name: Manchester Science Partnerships<br>Location: Kilburn House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location | A18SE (N) | 384 | 7 | 384440 396280 |
| 179 | **Points of Interest - Manufacturing and Production**<br>Name: Manchester Science Park<br>Location: Kilburn House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location | A18SE (N) | 384 | 7 | 384440 396280 |
| 179 | **Points of Interest - Manufacturing and Production**<br>Name: Manchester Science Park<br>Location: Kilburn House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location | A18SE (N) | 384 | 7 | 384440 396280 |
| 180 | **Points of Interest - Manufacturing and Production**<br>Name: Tanks<br>Location: M15<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location | A12SE (W) | 395 | 7 | 383937 395874 |
| 181 | **Points of Interest - Manufacturing and Production**<br>Name: Factory<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A18SW (N) | 411 | 7 | 384245 396308 |
| 181 | **Points of Interest - Manufacturing and Production**<br>Name: Factory<br>Location: M15<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to address or location | A18SW (N) | 422 | 7 | 384225 396314 |
| 182 | **Points of Interest - Manufacturing and Production**<br>Name: Tank<br>Location: M15<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location | A12NE (W) | 466 | 7 | 383867 395943 |
| 182 | **Points of Interest - Manufacturing and Production**<br>Name: Tank<br>Location: M15<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location | A12NE (W) | 486 | 7 | 383846 395879 |
| 183 | **Points of Interest - Manufacturing and Production**<br>Name: Tank<br>Location: M15<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location | A12NE (W) | 573 | 7 | 383769 396012 |
| 184 | **Points of Interest - Manufacturing and Production**<br>Name: Factory<br>Location: M14<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to address or location | A9NW (SE) | 585 | 7 | 384699 395377 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 184 | **Points of Interest - Manufacturing and Production**<br>Name: Factory<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A9NW (SE) | 589 | 7 | 384697 395371 |
| 185 | **Points of Interest - Manufacturing and Production**<br>Name: Factory<br>Location: M14<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A14SW (SE) | 631 | 7 | 384947 395624 |
| 185 | **Points of Interest - Manufacturing and Production**<br>Name: Factory<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A14SW (SE) | 636 | 7 | 384953 395625 |
| 186 | **Points of Interest - Manufacturing and Production**<br>Name: Factory<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A8SE (S) | 732 | 7 | 384609 395162 |
| 187 | **Points of Interest - Manufacturing and Production**<br>Name: Vetter<br>Location: 3 Archway, Manchester, M15 5QJ<br>Category: Extractive Industries<br>Class Code: Stone Quarrying and Preparation<br>Positional Accuracy: Positioned to address or location | A17SE (NW) | 733 | 7 | 383785 396395 |
| 188 | **Points of Interest - Manufacturing and Production**<br>Name: Works<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A14SE (E) | 767 | 7 | 385131 395776 |
| 189 | **Points of Interest - Manufacturing and Production**<br>Name: Industrial Estate<br>Location: M14<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to an adjacent address or location | A9NE (SE) | 911 | 7 | 385191 395486 |
| 190 | **Points of Interest - Manufacturing and Production**<br>Name: Tank<br>Location: M13<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location | A14NE (E) | 948 | 7 | 385309 396045 |
| 190 | **Points of Interest - Manufacturing and Production**<br>Name: Tank<br>Location: M13<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location | A14NE (E) | 949 | 7 | 385312 396032 |
| 191 | **Points of Interest - Manufacturing and Production**<br>Name: Works<br>Location: M14<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A9NE (SE) | 958 | 7 | 385191 395387 |
| 191 | **Points of Interest - Manufacturing and Production**<br>Name: Works<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A9NE (SE) | 961 | 7 | 385193 395384 |
| 191 | **Points of Interest - Manufacturing and Production**<br>Name: Works<br>Location: M14<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A9NE (SE) | 983 | 7 | 385197 395347 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 191 | **Points of Interest - Manufacturing and Production**<br>Name: Works<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A9NE (SE) | 986 | 7 | 385201 395347 |
| 192 | **Points of Interest - Manufacturing and Production**<br>Name: Works<br>Location: M13<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A19SE (NE) | 974 | 7 | 385276 396264 |
| 192 | **Points of Interest - Manufacturing and Production**<br>Name: Works<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A19SE (E) | 979 | 7 | 385281 396265 |
| 193 | **Points of Interest - Public Infrastructure**<br>Name: Greenheys Section Divisional Police Headquarters<br>Location: Greenheys Police Station, Charles Halle Road, Manchester, M15 6NP<br>Category: Central and Local Government<br>Class Code: Police Stations<br>Positional Accuracy: Positioned to address or location | A13NW (NW) | 329 | 7 | 384059 396090 |
| 194 | **Points of Interest - Public Infrastructure**<br>Name: Moss Side Fire Station<br>Location: Moss Side Fire Station 9, Denhill Road, Manchester, M15 5NR<br>Category: Central and Local Government<br>Class Code: Fire Brigade Stations<br>Positional Accuracy: Positioned to address or location | A12NE (W) | 587 | 7 | 383745 395929 |
| 194 | **Points of Interest - Public Infrastructure**<br>Name: Fire<br>Location: Moss Side Fire Station 9, Denhill Road, Manchester, M15 5NR<br>Category: Central and Local Government<br>Class Code: Fire Brigade Stations<br>Positional Accuracy: Positioned to address or location | A12NE (W) | 587 | 7 | 383745 395930 |
| 194 | **Points of Interest - Public Infrastructure**<br>Name: Greater Manchester Fire & Rescue Services<br>Location: Moss Side Fire Station 9, Denhill Road, Manchester, M15 5NR<br>Category: Central and Local Government<br>Class Code: Fire Brigade Stations<br>Positional Accuracy: Positioned to address or location | A12NE (W) | 587 | 7 | 383745 395930 |
| 195 | **Points of Interest - Public Infrastructure**<br>Name: Asda Petrol<br>Location: 100 Princess Road, Manchester, M15 5AS<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A17SE (NW) | 745 | 7 | 383694 396292 |
| 195 | **Points of Interest - Public Infrastructure**<br>Name: Hulme<br>Location: 100 Princess Road, Manchester, M15 5AS<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A17SE (NW) | 745 | 7 | 383694 396291 |
| 195 | **Points of Interest - Public Infrastructure**<br>Name: Asda Hulme<br>Location: Greenhays Lane West, Archway, Hulme, Manchester, M15 5AQ<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A17SE (NW) | 745 | 7 | 383694 396292 |
| 196 | **Points of Interest - Public Infrastructure**<br>Name: Shell Rusholme<br>Location: M14<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A14SE (SE) | 767 | 7 | 385069 395564 |
| 196 | **Points of Interest - Public Infrastructure**<br>Name: Tcs Rusholme<br>Location: Wilmslow Road, Rusholme, Greater Manchester, M14 5TQ<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A14SE (SE) | 767 | 7 | 385070 395566 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 196 | **Points of Interest - Public Infrastructure**<br>Name: Shell Rusholme<br>Location: 10 Wilmslow Road, Rusholme, Manchester, M14 5TQ<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A14SE (SE) | 767 | 7 | 385069 395564 |
| 197 | **Points of Interest - Public Infrastructure**<br>Name: Bus Depot<br>Location: M14<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Bus and Coach Stations, Depots and Companies<br>Positional Accuracy: Positioned to an adjacent address or location | A8SW (S) | 906 | 7 | 384061 394983 |
| 198 | **Points of Interest - Public Infrastructure**<br>Name: Rubbish Removals<br>Location: 52 Viscount Street, Manchester, M14 5UH<br>Category: Infrastructure and Facilities<br>Class Code: Waste Storage, Processing and Disposal<br>Positional Accuracy: Positioned to address or location | A9NE (SE) | 936 | 7 | 385038 395212 |
| 199 | **Points of Interest - Public Infrastructure**<br>Name: Graveyard<br>Location: M13<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location | A19NE (NE) | 954 | 7 | 385055 396567 |
| 199 | **Points of Interest - Public Infrastructure**<br>Name: Graveyard<br>Location: Not Supplied<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location | A19NE (NE) | 959 | 7 | 385062 396568 |
| 200 | **Points of Interest - Public Infrastructure**<br>Name: Rusholme Express<br>Location: 257 Upper Brook Street, Manchester, Lancashire, M13 0HL<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A14NE (E) | 987 | 7 | 385342 396084 |
| 200 | **Points of Interest - Public Infrastructure**<br>Name: Esso<br>Location: 257 Upper Brook Street, Manchester, M13 0HL<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A14NE (E) | 988 | 7 | 385343 396086 |
| 200 | **Points of Interest - Public Infrastructure**<br>Name: Esso<br>Location: 257 Upper Brook Street, Manchester, M13 0HL<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A14NE (E) | 988 | 7 | 385343 396085 |
| 200 | **Points of Interest - Public Infrastructure**<br>Name: Rusholme Express<br>Location: 257 Upper Brook Street, Manchester, M13 0HL<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A14NE (E) | 988 | 7 | 385343 396087 |
| 201 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A14NW (E) | 342 | 7 | 384710 395957 |
| 201 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Denmark Road, M15<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to address or location | A14NW (E) | 343 | 7 | 384711 395956 |
| 202 | **Points of Interest - Recreational and Environmental**<br>Name: Play Area<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A7NE (SW) | 606 | 7 | 383995 395344 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 203 | **Points of Interest - Recreational and Environmental**<br>Name: Play Area<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A9NW (SE) | 623 | 7 | 384693 395326 |
| 204 | **Points of Interest - Recreational and Environmental**<br>Name: Play Area<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A12SW (SW) | 776 | 7 | 383609 395565 |
| 204 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Great Western Street, M16<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to address or location | A12SW (SW) | 776 | 7 | 383609 395565 |
| 205 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Sargent Drive, M16<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to address or location | A12SW (W) | 890 | 7 | 383442 395832 |
| 206 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A12SW (W) | 984 | 7 | 383371 395637 |
| 206 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Alexandra Road, M16<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A12SW (W) | 992 | 7 | 383363 395636 |
| 207 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Heald Place, M14<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to address or location | A9SW (SE) | 985 | 7 | 384955 395069 |
| 207 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A9SW (SE) | 986 | 7 | 384953 395067 |

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

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Substantiated Pollution Incident Register**<br>Environment Agency - North West Region - South Area | April 2017 | Quarterly |
| **Water Abstractions**<br>Environment Agency - North West Region | April 2017 | Quarterly |
| **Water Industry Act Referrals**<br>Environment Agency - North West Region | July 2017 | Quarterly |
| **Groundwater Vulnerability**<br>Environment Agency - Head Office | April 2015 | Not Applicable |
| **Drift Deposits**<br>Environment Agency - Head Office | January 1999 | Not Applicable |
| **Bedrock Aquifer Designations**<br>British Geological Survey - National Geoscience Information Service | August 2015 | As notified |
| **Superficial Aquifer Designations**<br>British Geological Survey - National Geoscience Information Service | August 2015 | As notified |
| **Source Protection Zones**<br>Environment Agency - Head Office | July 2017 | Quarterly |
| **Extreme Flooding from Rivers or Sea without Defences**<br>Environment Agency - Head Office | August 2017 | Quarterly |
| **Flooding from Rivers or Sea without Defences**<br>Environment Agency - Head Office | August 2017 | Quarterly |
| **Areas Benefiting from Flood Defences**<br>Environment Agency - Head Office | August 2017 | Quarterly |
| **Flood Water Storage Areas**<br>Environment Agency - Head Office | August 2017 | Quarterly |
| **Flood Defences**<br>Environment Agency - Head Office | August 2017 | Quarterly |
| **OS Water Network Lines**<br>Ordnance Survey | April 2017 | 6 Weekly |
| **Surface Water 1 in 30 year Flood Extent**<br>Environment Agency - Head Office | October 2013 | As notified |
| **Surface Water 1 in 100 year Flood Extent**<br>Environment Agency - Head Office | October 2013 | As notified |
| **Surface Water 1 in 1000 year Flood Extent**<br>Environment Agency - Head Office | October 2013 | As notified |
| **Surface Water Suitability**<br>Environment Agency - Head Office | October 2013 | As notified |
| **BGS Groundwater Flooding Susceptibility**<br>British Geological Survey - National Geoscience Information Service | May 2013 | Annually |

# Data Currency

| Waste | Version | Update Cycle |
|---|---|---|
| **BGS Recorded Landfill Sites** | | |
| British Geological Survey - National Geoscience Information Service | June 1996 | Not Applicable |
| **Historical Landfill Sites** | | |
| Environment Agency - Head Office | May 2017 | Quarterly |
| **Integrated Pollution Control Registered Waste Sites** | | |
| Environment Agency - North West Region | October 2008 | Not Applicable |
| **Licensed Waste Management Facilities (Landfill Boundaries)** | | |
| Environment Agency - North West Region - South Area | May 2017 | Quarterly |
| **Licensed Waste Management Facilities (Locations)** | | |
| Environment Agency - North West Region - South Area | July 2017 | Quarterly |
| **Local Authority Landfill Coverage** | | |
| Bury Metropolitan Borough Council | May 2000 | Not Applicable |
| Manchester City Council - Planning Department | May 2000 | Not Applicable |
| Salford City Council - Environmental Health Department | May 2000 | Not Applicable |
| Stockport Metropolitan Borough Council - Environmental Health Department, EEDD | May 2000 | Not Applicable |
| Tameside Metropolitan Borough Council | May 2000 | Not Applicable |
| Trafford Metropolitan Borough Council - Environmental Health Department | May 2000 | Not Applicable |
| **Local Authority Recorded Landfill Sites** | | |
| Bury Metropolitan Borough Council | May 2000 | Not Applicable |
| Manchester City Council - Planning Department | May 2000 | Not Applicable |
| Salford City Council - Environmental Health Department | May 2000 | Not Applicable |
| Stockport Metropolitan Borough Council - Environmental Health Department, EEDD | May 2000 | Not Applicable |
| Tameside Metropolitan Borough Council | May 2000 | Not Applicable |
| Trafford Metropolitan Borough Council - Environmental Health Department | May 2000 | Not Applicable |
| **Potentially Infilled Land (Non-Water)** | | |
| Landmark Information Group Limited | December 1999 | Not Applicable |
| **Potentially Infilled Land (Water)** | | |
| Landmark Information Group Limited | December 1999 | Not Applicable |
| **Registered Landfill Sites** | | |
| Environment Agency - North West Region - South Area | March 2003 | Not Applicable |
| **Registered Waste Transfer Sites** | | |
| Environment Agency - North West Region - South Area | March 2003 | Not Applicable |
| **Registered Waste Treatment or Disposal Sites** | | |
| Environment Agency - North West Region - South Area | March 2003 | Not Applicable |

| Hazardous Substances | Version | Update Cycle |
|---|---|---|
| **Control of Major Accident Hazards Sites (COMAH)** | | |
| Health and Safety Executive | March 2017 | Bi-Annually |
| **Explosive Sites** | | |
| Health and Safety Executive | March 2017 | Bi-Annually |
| **Notification of Installations Handling Hazardous Substances (NIHHS)** | | |
| Health and Safety Executive | November 2000 | Not Applicable |
| **Planning Hazardous Substance Enforcements** | | |
| Trafford Metropolitan Borough Council | April 2016 | Annual Rolling Update |
| Bury Metropolitan Borough Council | February 2016 | Annual Rolling Update |
| Manchester City Council - Planning Department | February 2016 | Annual Rolling Update |
| Stockport Metropolitan Borough Council - Environment and Economic Development | February 2016 | Annual Rolling Update |
| Tameside Metropolitan Borough Council - Planning and Building Control | February 2016 | Annual Rolling Update |
| Salford City Council | June 2016 | Annual Rolling Update |
| **Planning Hazardous Substance Consents** | | |
| Trafford Metropolitan Borough Council | April 2016 | Annual Rolling Update |
| Bury Metropolitan Borough Council | February 2016 | Annual Rolling Update |
| Manchester City Council - Planning Department | February 2016 | Annual Rolling Update |
| Stockport Metropolitan Borough Council - Environment and Economic Development | February 2016 | Annual Rolling Update |
| Tameside Metropolitan Borough Council - Planning and Building Control | February 2016 | Annual Rolling Update |
| Salford City Council | June 2016 | Annual Rolling Update |

| Geological | Version | Update Cycle |
|---|---|---|
| **BGS 1:625,000 Solid Geology**<br>British Geological Survey - National Geoscience Information Service | January 2009 | Not Applicable |
| **BGS Estimated Soil Chemistry**<br>British Geological Survey - National Geoscience Information Service | October 2015 | As notified |
| **BGS Recorded Mineral Sites**<br>British Geological Survey - National Geoscience Information Service | April 2017 | Bi-Annually |
| **BGS Urban Soil Chemistry**<br>British Geological Survey - National Geoscience Information Service | October 2015 | As notified |
| **BGS Urban Soil Chemistry Averages**<br>British Geological Survey - National Geoscience Information Service | October 2015 | As notified |
| **CBSCB Compensation District**<br>Cheshire Brine Subsidence Compensation Board (CBSCB) | August 2011 | Not Applicable |
| **Coal Mining Affected Areas**<br>The Coal Authority - Property Searches | March 2014 | As notified |
| **Mining Instability**<br>Ove Arup & Partners | October 2000 | Not Applicable |
| **Non Coal Mining Areas of Great Britain**<br>British Geological Survey - National Geoscience Information Service | May 2015 | Not Applicable |
| **Potential for Collapsible Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2015 | Annually |
| **Potential for Compressible Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2015 | Annually |
| **Potential for Ground Dissolution Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2015 | Annually |
| **Potential for Landslide Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2015 | Annually |
| **Potential for Running Sand Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2015 | Annually |
| **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2015 | Annually |
| **Radon Potential - Radon Affected Areas**<br>British Geological Survey - National Geoscience Information Service | July 2011 | As notified |
| **Radon Potential - Radon Protection Measures**<br>British Geological Survey - National Geoscience Information Service | July 2011 | As notified |

# Data Currency

| Industrial Land Use | Version | Update Cycle |
|---|---|---|
| **Contemporary Trade Directory Entries**<br>Thomson Directories | June 2017 | Quarterly |
| **Fuel Station Entries**<br>Catalist Ltd - Experian | May 2017 | Quarterly |
| **Gas Pipelines**<br>National Grid | July 2014 | Quarterly |
| **Points of Interest - Commercial Services**<br>PointX | December 2016 | Quarterly |
| **Points of Interest - Education and Health**<br>PointX | December 2016 | Quarterly |
| **Points of Interest - Manufacturing and Production**<br>PointX | December 2016 | Quarterly |
| **Points of Interest - Public Infrastructure**<br>PointX | December 2016 | Quarterly |
| **Points of Interest - Recreational and Environmental**<br>PointX | December 2016 | Quarterly |
| **Underground Electrical Cables**<br>National Grid | December 2015 | Bi-Annually |

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

# Data Suppliers

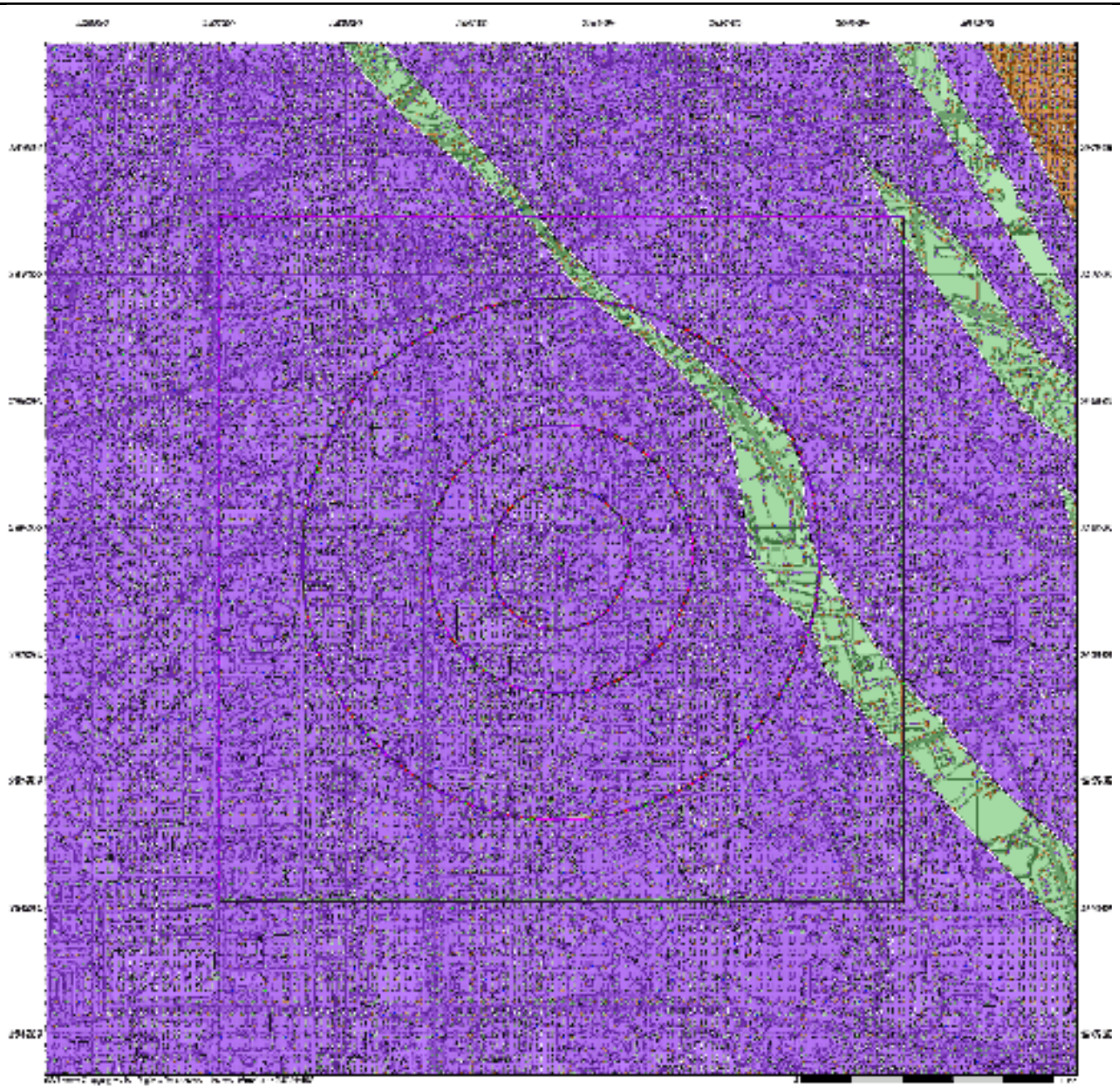
A selection of organisations who provide data within this report

| Data Supplier | Data Supplier Logo |
|---|---|
| **Ordnance Survey** | |
| **Environment Agency** | |
| **Scottish Environment Protection Agency** | |
| **The Coal Authority** | |
| **British Geological Survey** | |
| **Centre for Ecology and Hydrology** | |
| **Natural Resources Wales** | |
| **Scottish Natural Heritage** | |
| **Natural England** | |
| **Public Health England** | |
| **Ove Arup** | |
| **Peter Brett Associates** | |

# Useful Contacts

| Contact | Name and Address | Contact Details |
|---|---|---|
| 1 | **British Geological Survey - Enquiry Service**<br>British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk |
| 2 | **Environment Agency - National Customer Contact Centre (NCCC)**<br>PO Box 544, Templeborough, Rotherham, S60 1BY | Telephone: 03708 506 506<br>Email: enquiries@environment-agency.gov.uk |
| 3 | **Manchester City Council - Environmental Health Department**<br>PO Box 463, Town Hall Extension, Albert Square, Manchester, Greater Manchester, M60 3NY | Telephone: 0161 234 4884 / 234 4873.<br>Fax: 0161 234 4508<br>Website: www.manchester.gov.uk |
| 4 | **Ordnance Survey**<br>Adanac Drive, Southampton, Hampshire, SO16 0AS | Telephone: 023 8079 2000<br>Email: customerservices@ordnancesurvey.co.uk<br>Website: www.ordnancesurvey.gov.uk |
| 5 | **Manchester City Council - Planning Department**<br>Town Hall, Manchester, Greater Manchester, M60 2LA | Telephone: 0161 234 5000<br>Fax: 0161 234 4508<br>Website: www.manchester.gov.uk |
| 6 | **The Coal Authority - Property Searches**<br>200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG | Telephone: 0345 762 6848<br>Fax: 01623 637 338<br>Email: groundstability@coal.gov.uk<br>Website: www2.groundstability.com |
| 7 | **PointX**<br>7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY | Website: www.pointx.co.uk |
| 8 | **Environment Agency - Head Office**<br>Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD | Telephone: 01454 624400<br>Fax: 01454 624409 |
| - | **Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards**<br>Chilton, Didcot, Oxfordshire, OX11 0RQ | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@phe.gov.uk<br>Website: www.ukradon.org |
| - | **Landmark Information Group Limited**<br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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



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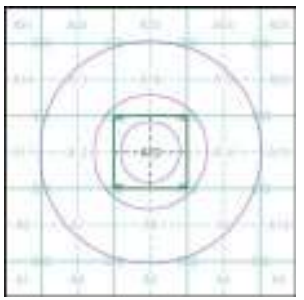
# Groundwater Vulnerability

## General

## Agency and Hydrological

Geological Classes | Soil Classes

## Site Sensitivity Context Map - Slice A



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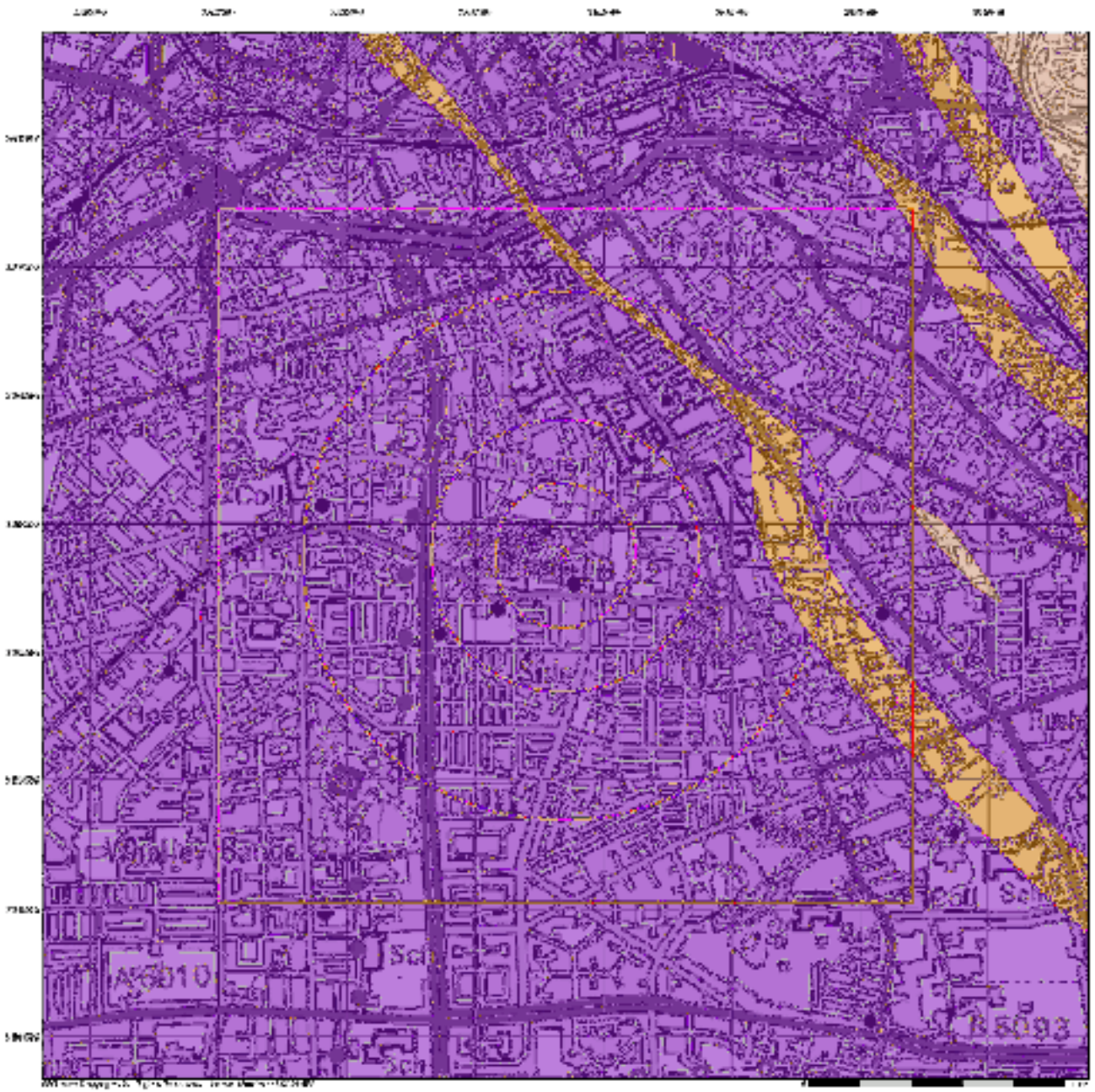
| Order Number: | 137660777_1_1 |
| Customer Ref: | LKC 17 1298 |
| National Grid Reference: | 384350, 395880 |
| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 1000 |

## Site Details

Webster Junior School, Denmark Road, Manchester, M15 6JU



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# Bedrock Aquifer Designation

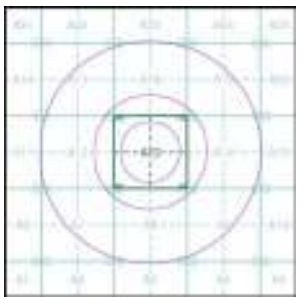
General

Agency and Hydrological

Geological Classes

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

## Site Sensitivity Context Map - Slice A



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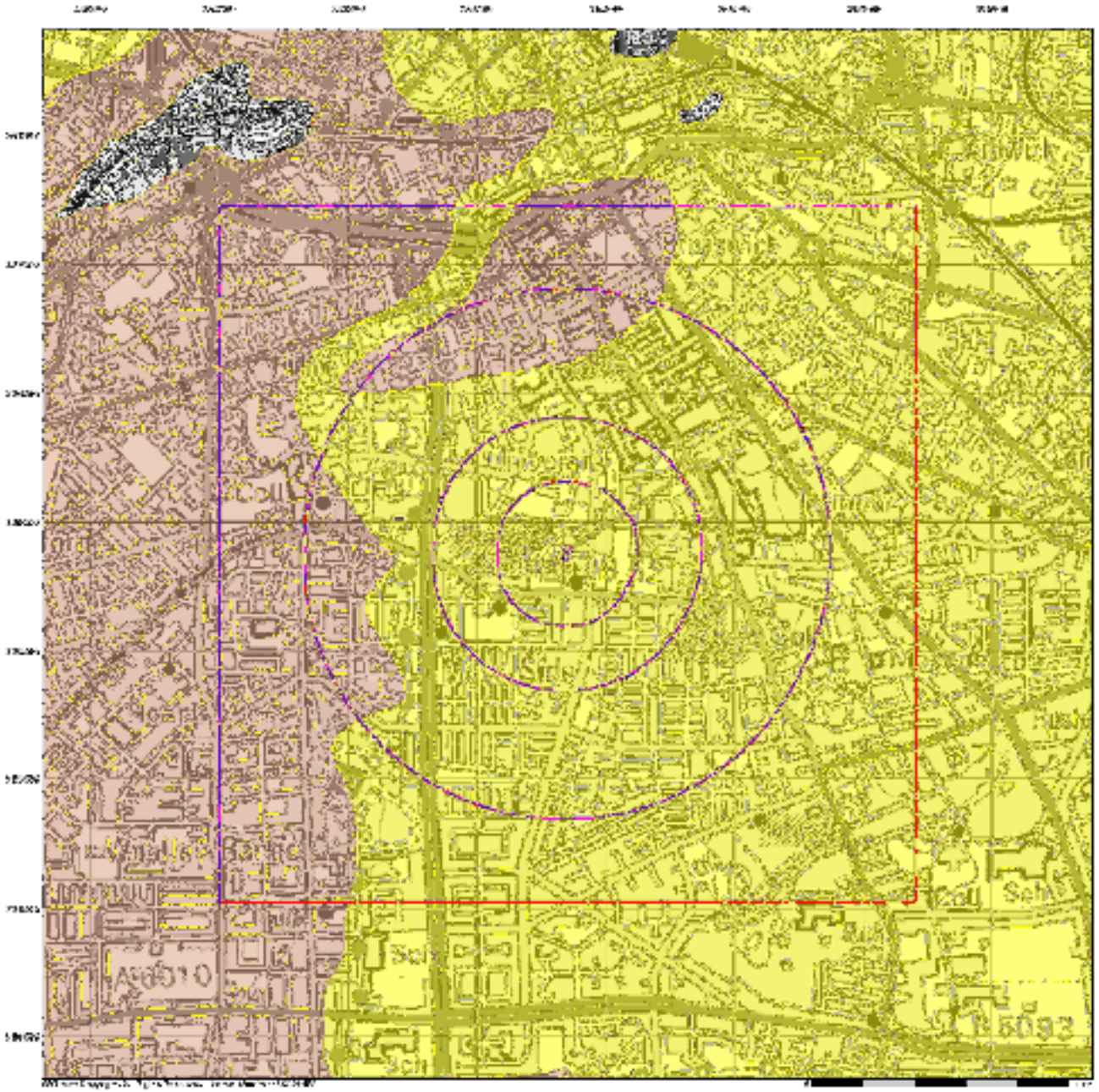

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## Superficial Aquifer Designation

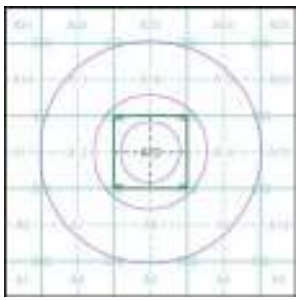
General

Agency and Hydrological

Geological Classes

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

### Site Sensitivity Context Map - Slice A



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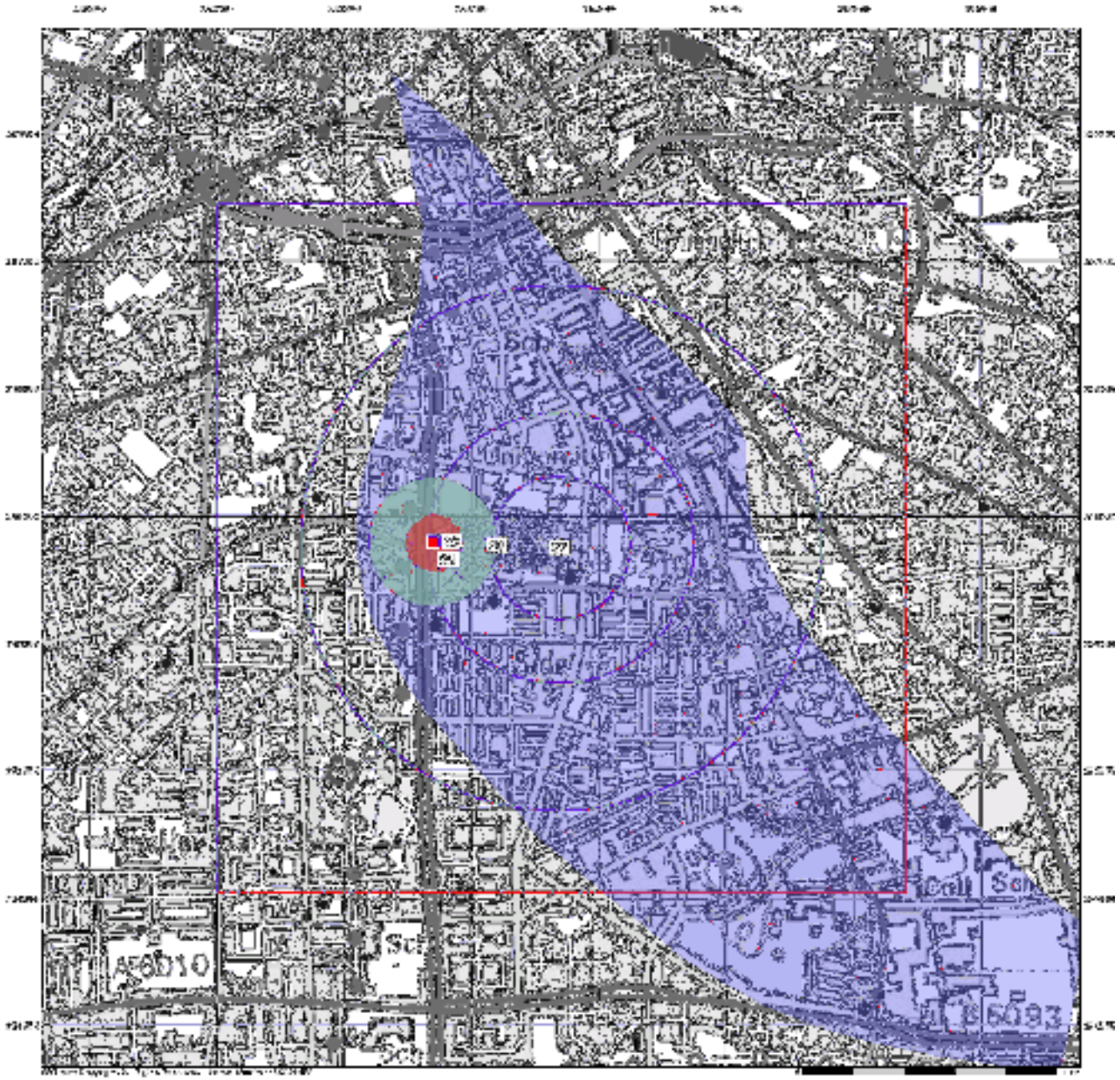
Webster Junior School, Denmark Road, Manchester, M15 6JU

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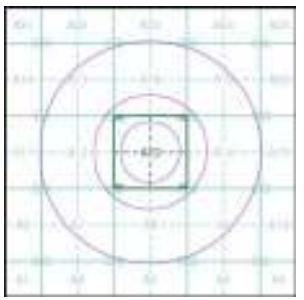
## Source Protection Zones

General

Agency and Hydrological

## Site Sensitivity Context Map - Slice A

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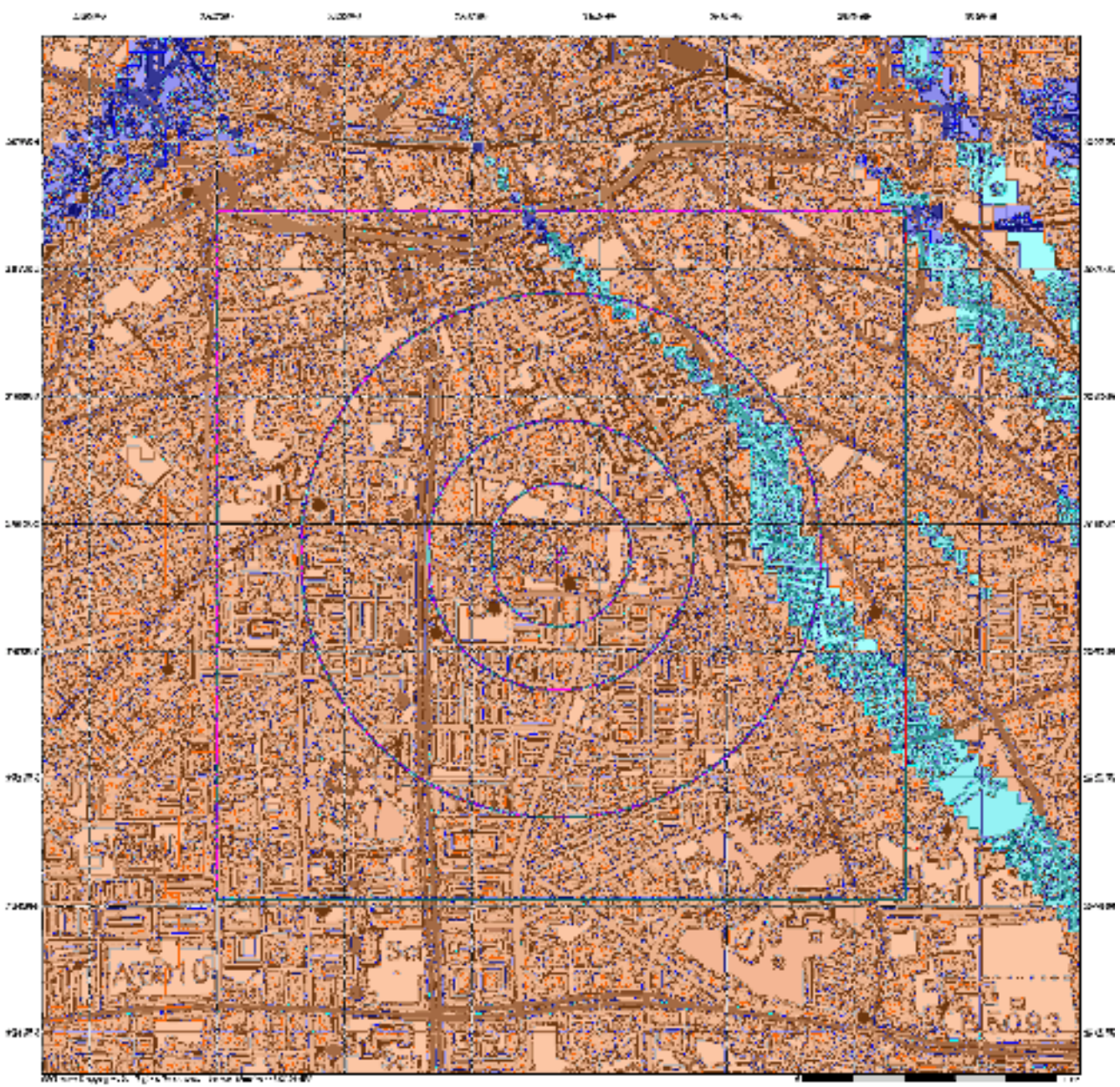

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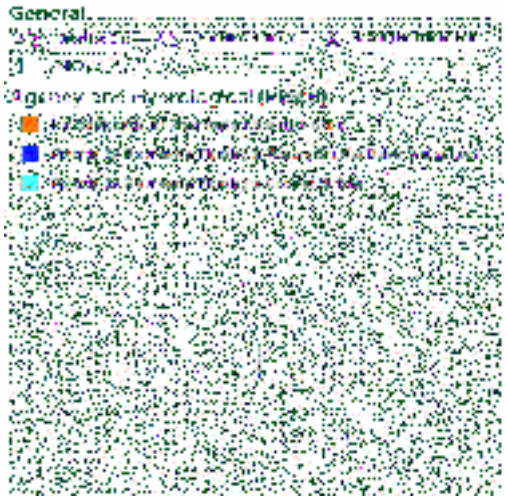
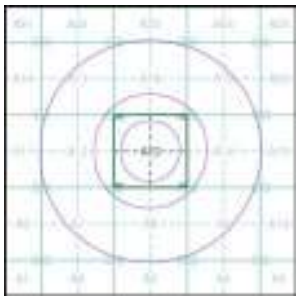
## BGS Flood GFS Data




## Site Sensitivity Context Map - Slice A

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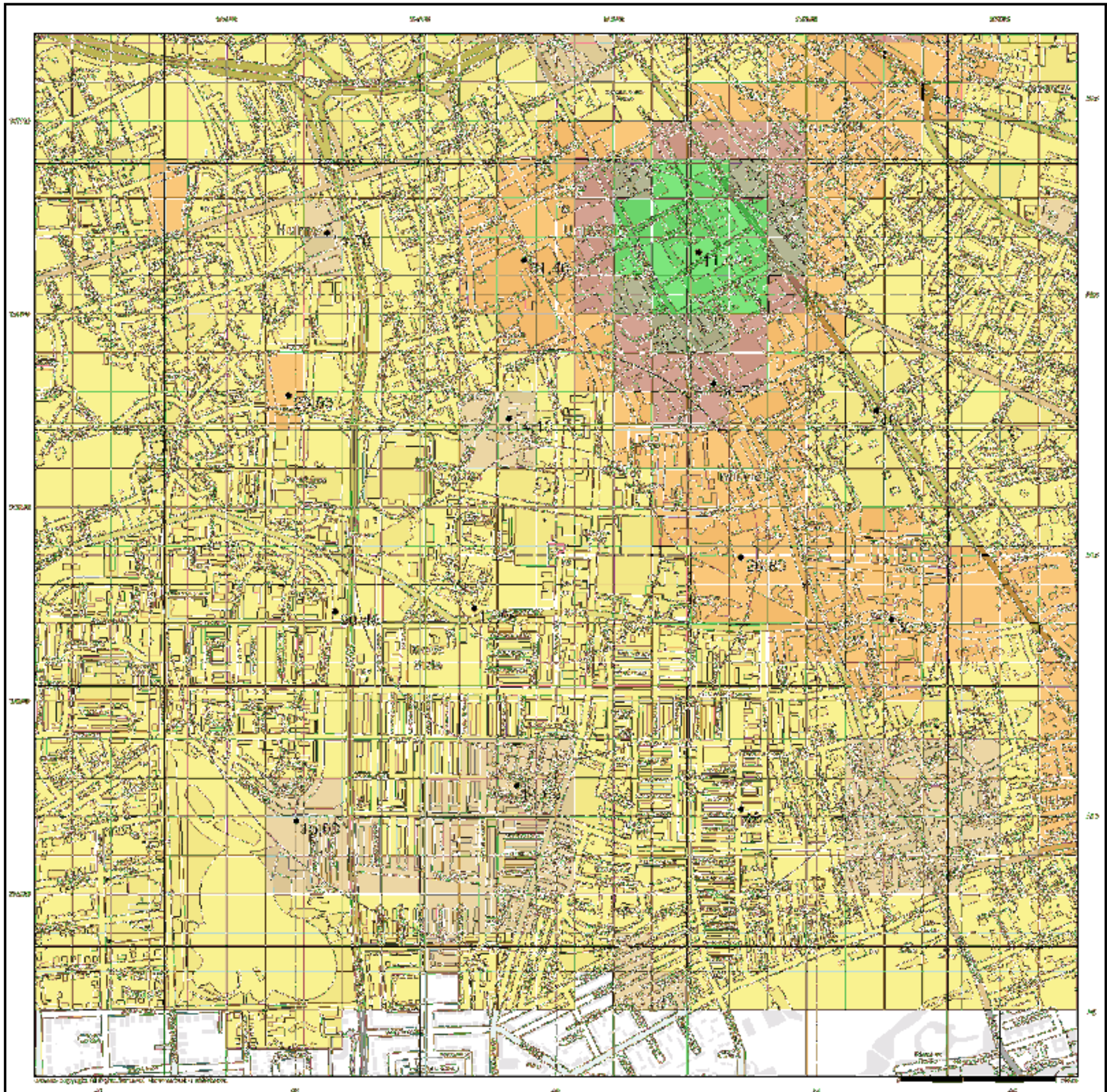

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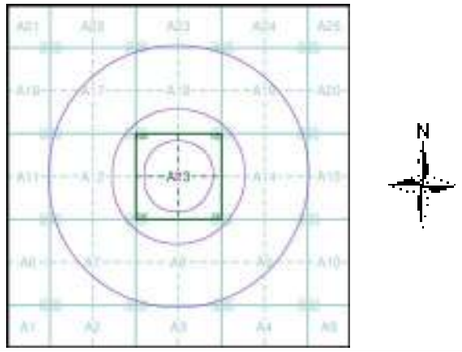
**General**

Urban Soil Chemistry Arsenic

## Urban Soil Chemistry Arsenic - Slice A



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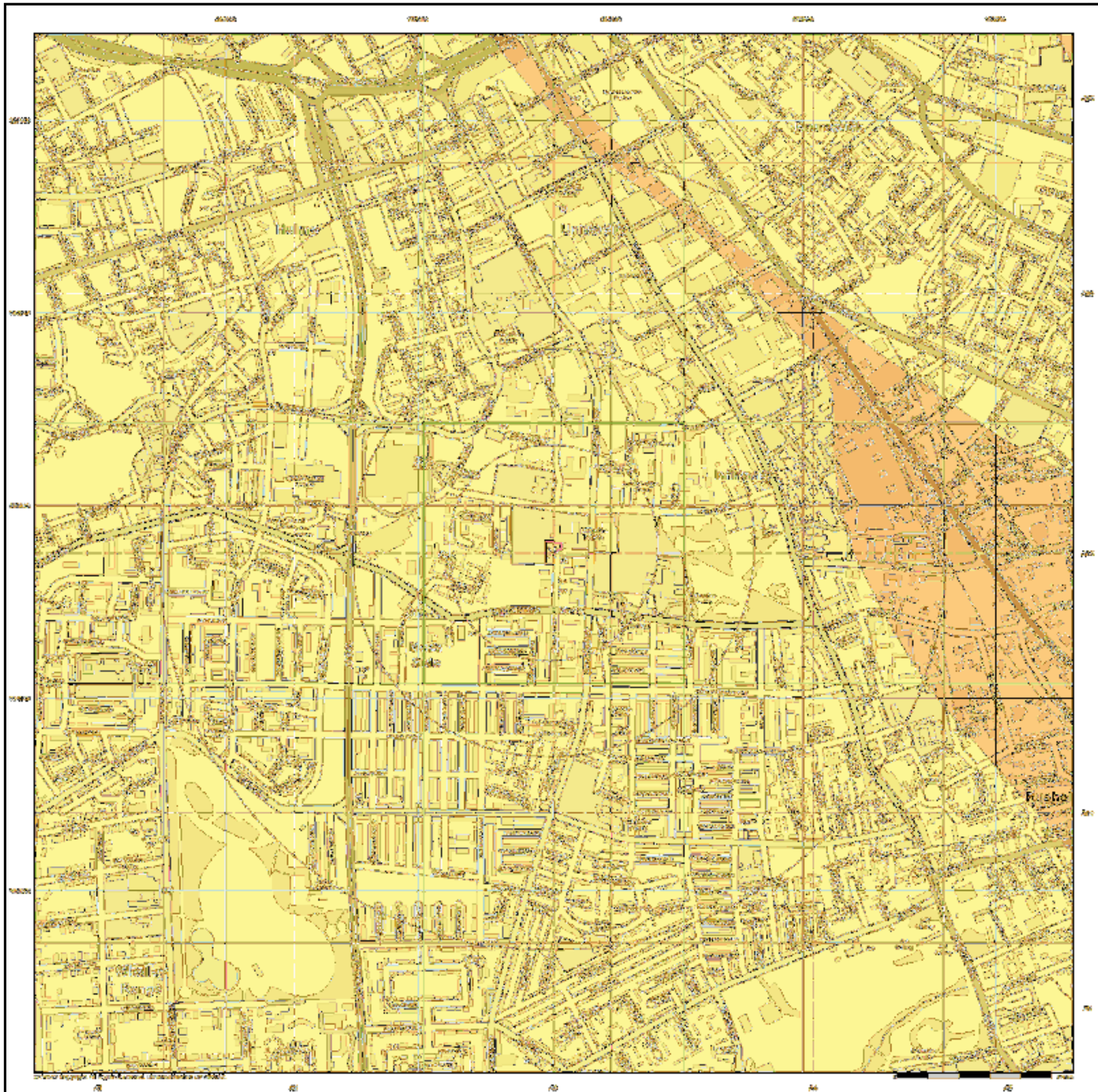
## Site Details

Webster Junior School, Denmark Road, Manchester, M15 6JU

Landmark INFORMATION GROUP

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



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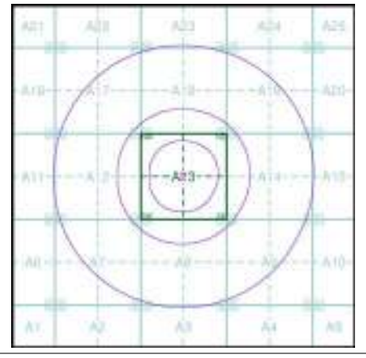
**General**

**Estimated Soil Chemistry Arsenic**

**Estimated Soil Chemistry Arsenic - Slice A**



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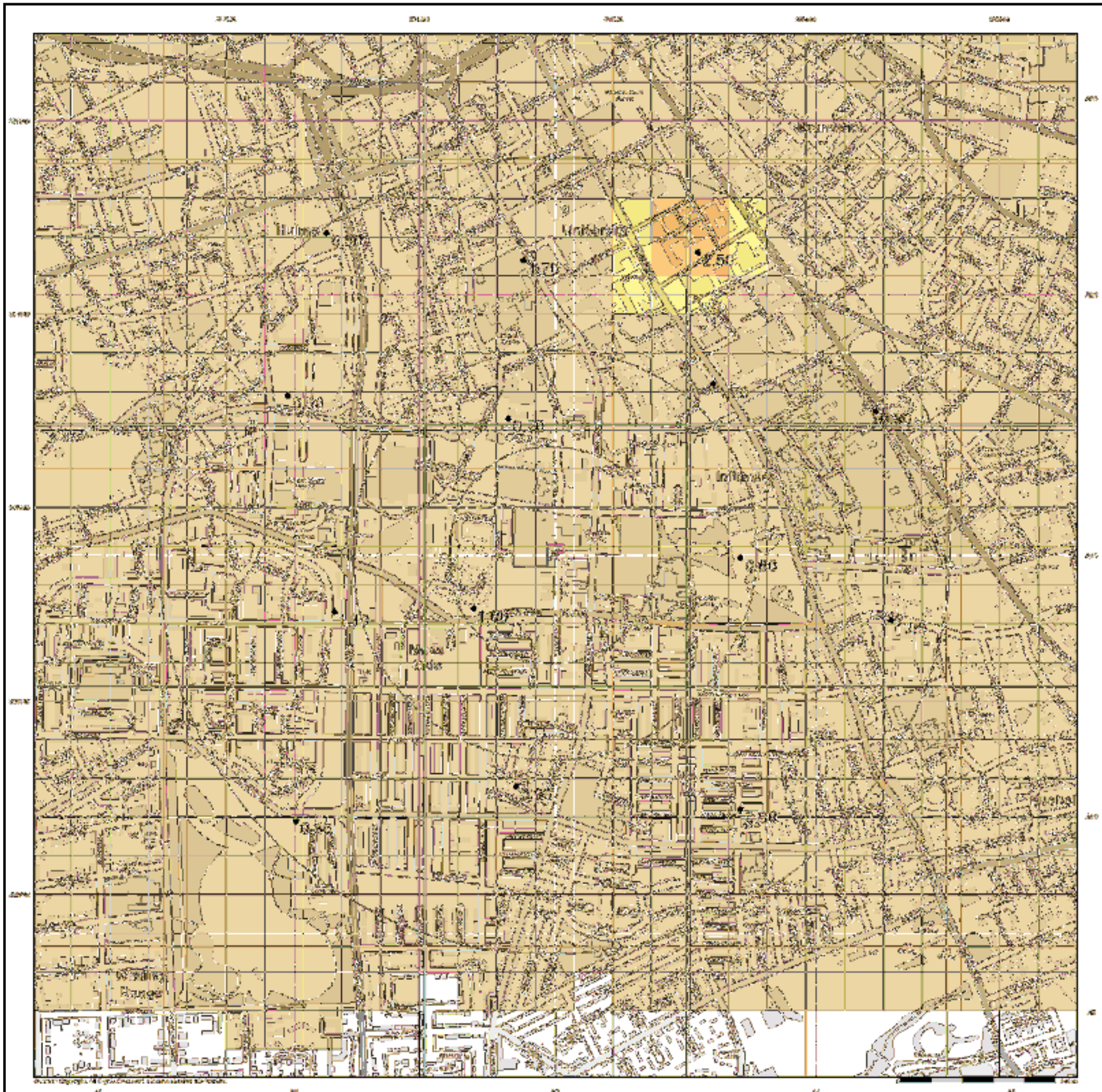

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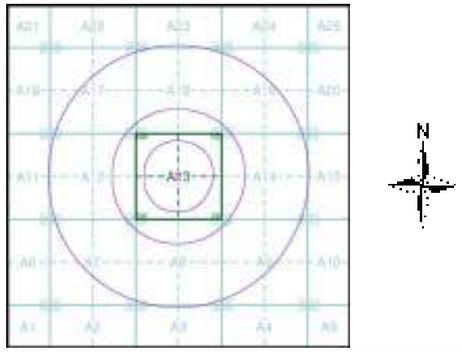
General

Urban Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

| | |
|---|---|
| | < 1.8 |
| | 1.8 - 2.2 |
| | 2.2 - 3.0 |
| | > 3.0 |

## Urban Soil Chemistry Cadmium - Slice A

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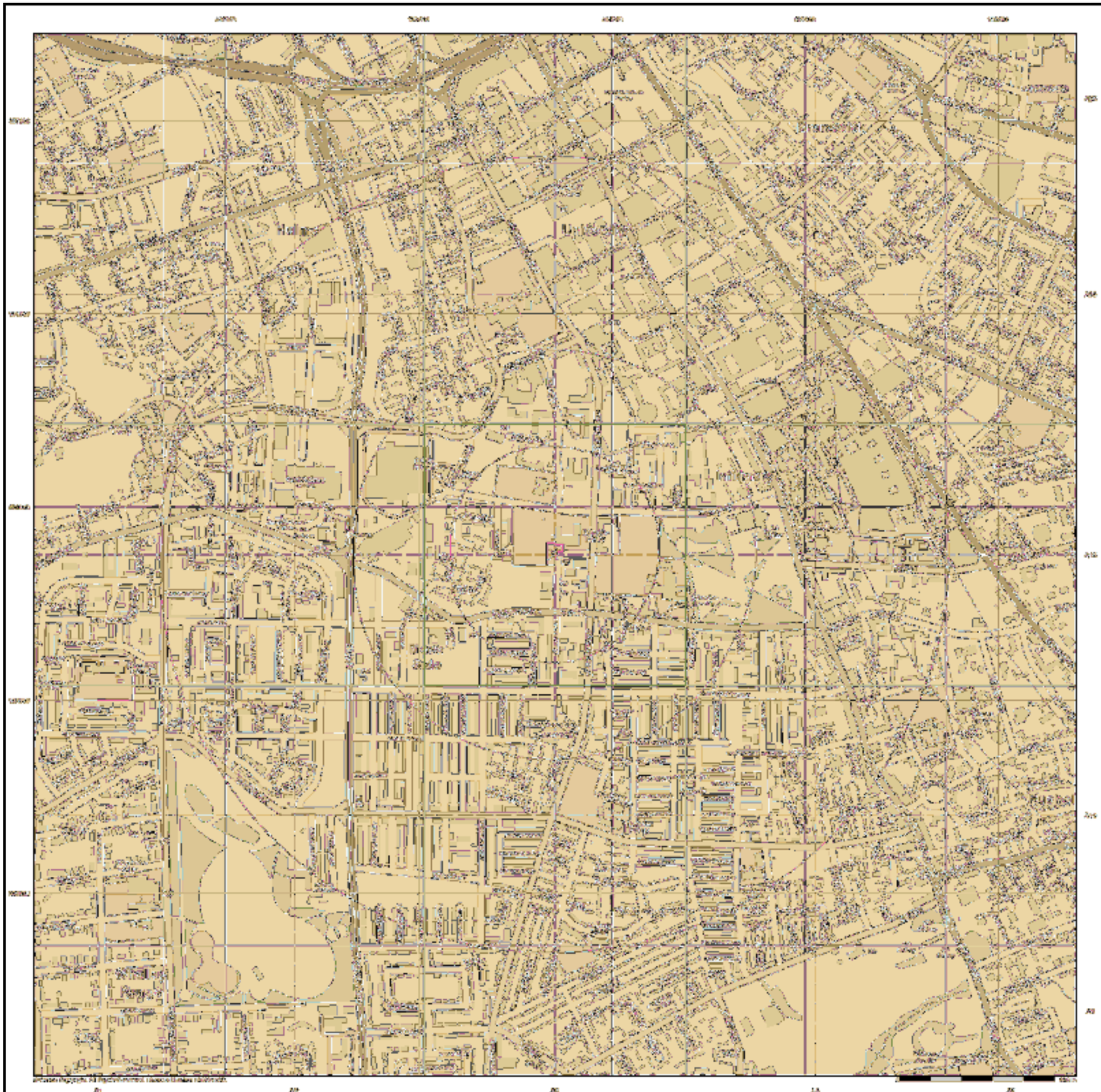

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General

Estimated Soil Chemistry Cadmium

Cadmium Concentration mg/kg

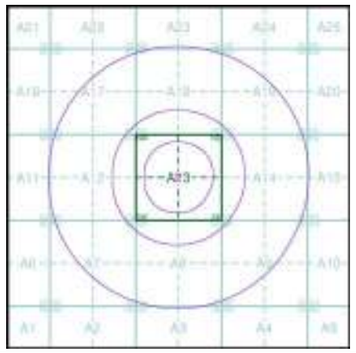
< 1.8

1.8 - 2.2

2.2 - 3.5

> 3.5

## Estimated Soil Chemistry Cadmium - Slice A

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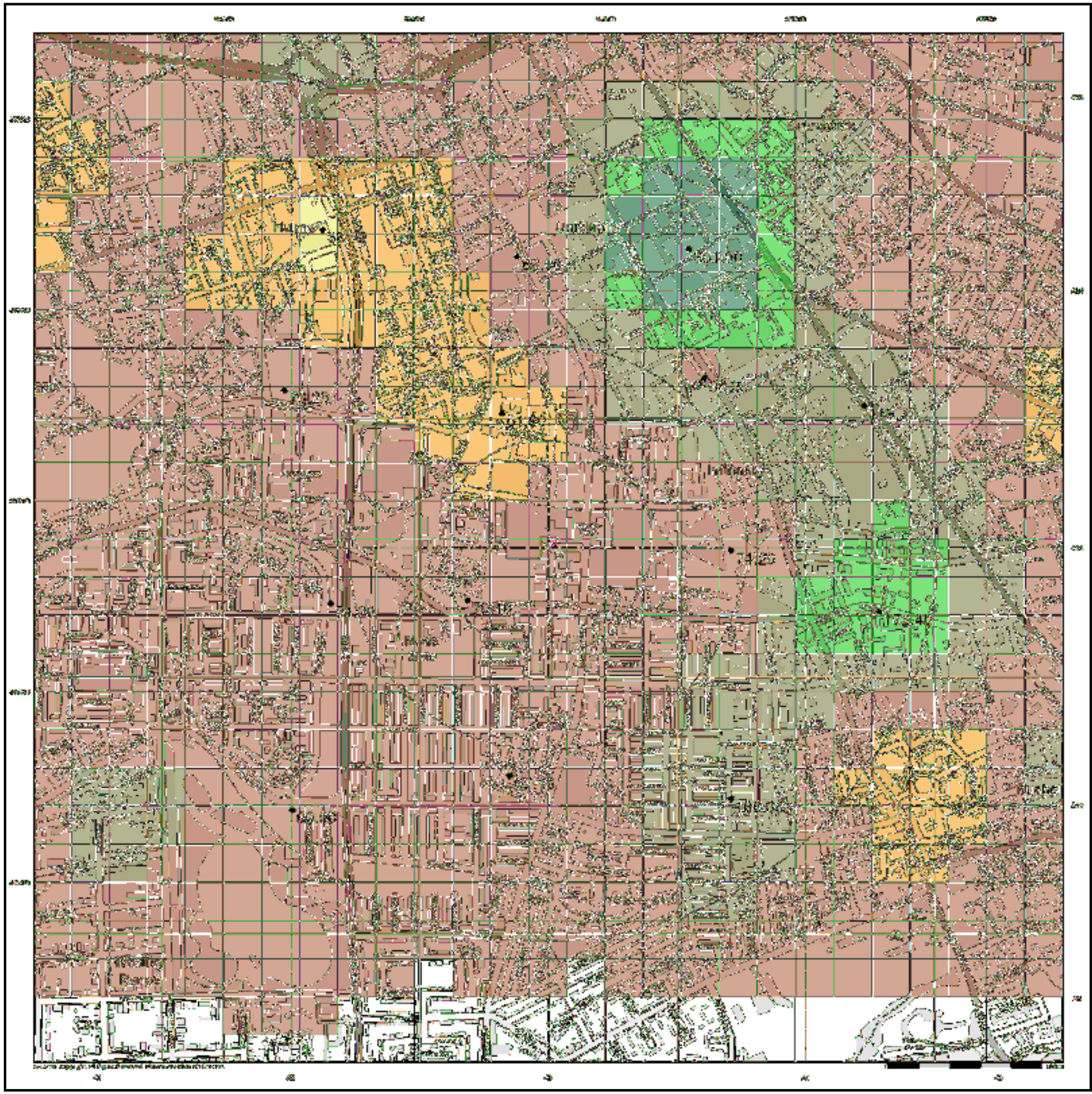
Webster Junior School, Denmark Road, Manchester, M15 6JU



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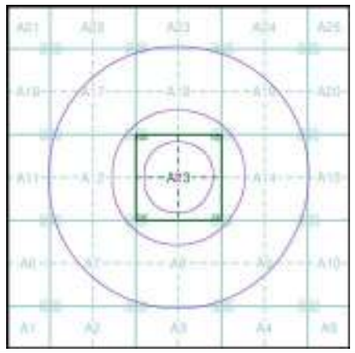
General

Urban Soil Chemistry Chromium

## Urban Soil Chemistry Chromium - Slice A



## Order Details

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Landmark INFORMATION GROUP

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



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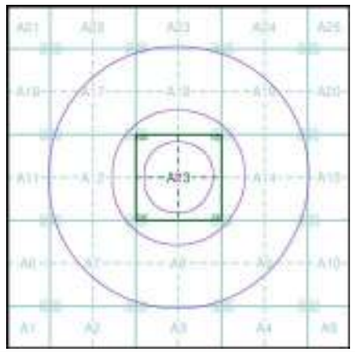
General

Extended Soil Chemistry Chromium

Chromium Concentrations mg/kg



## Estimated Soil Chemistry Chromium - Slice A






## Order Details

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| National Grid Reference: | 384350, 395880 |
| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search buffer (m): | 1000 |

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Webster Junior School, Denmark Road, Manchester, M15 6JU

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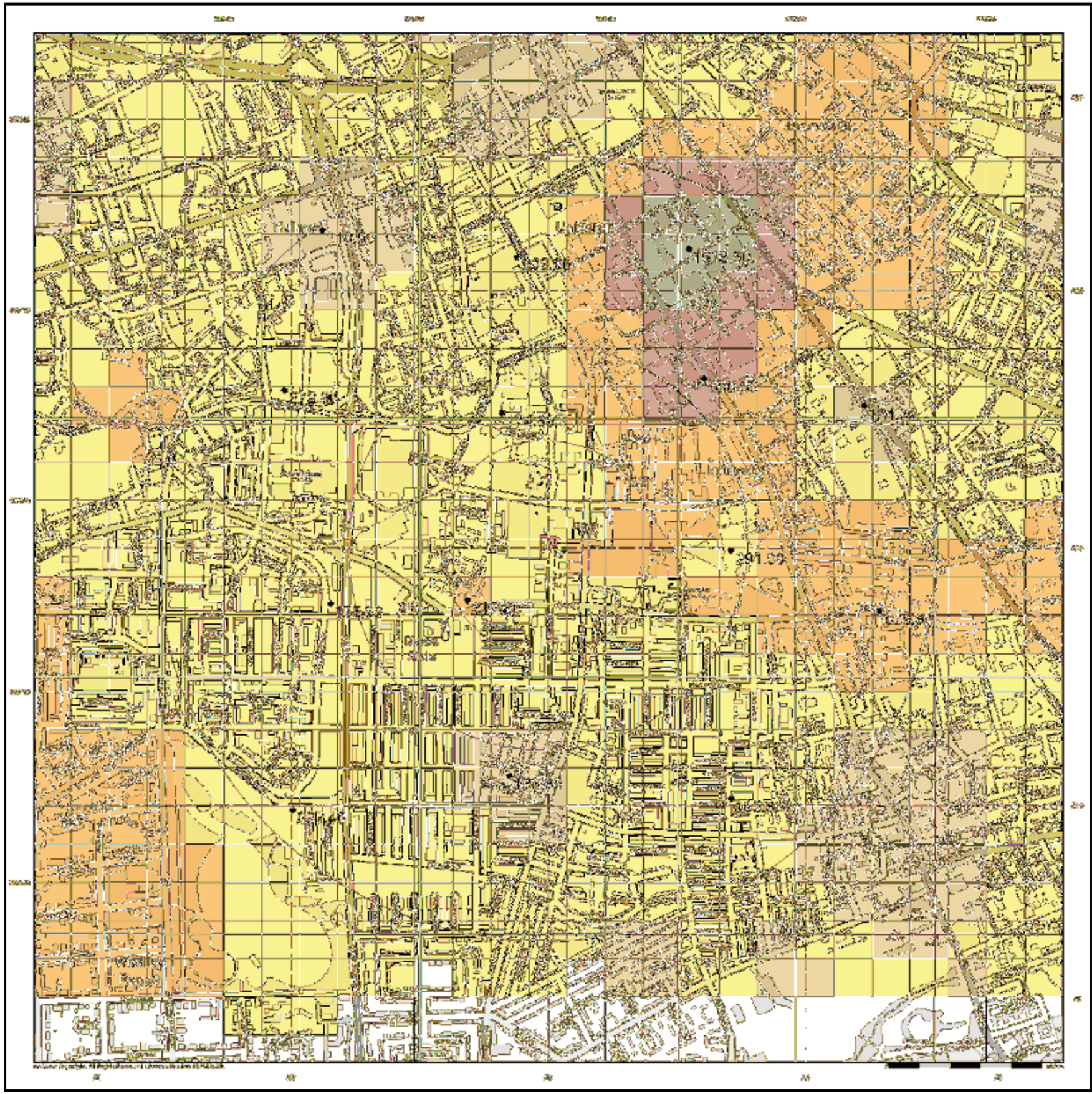


LK CONSULT LIMITED

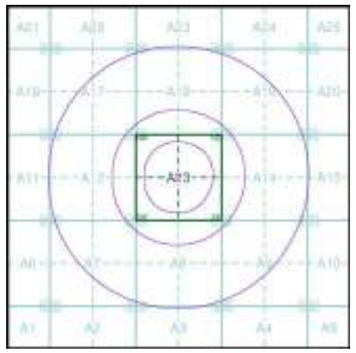
General

Urban Soil Chemistry Lead

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

Lead Concentration (mg/kg)

## Urban Soil Chemistry Lead - Slice A



N

## Order Details

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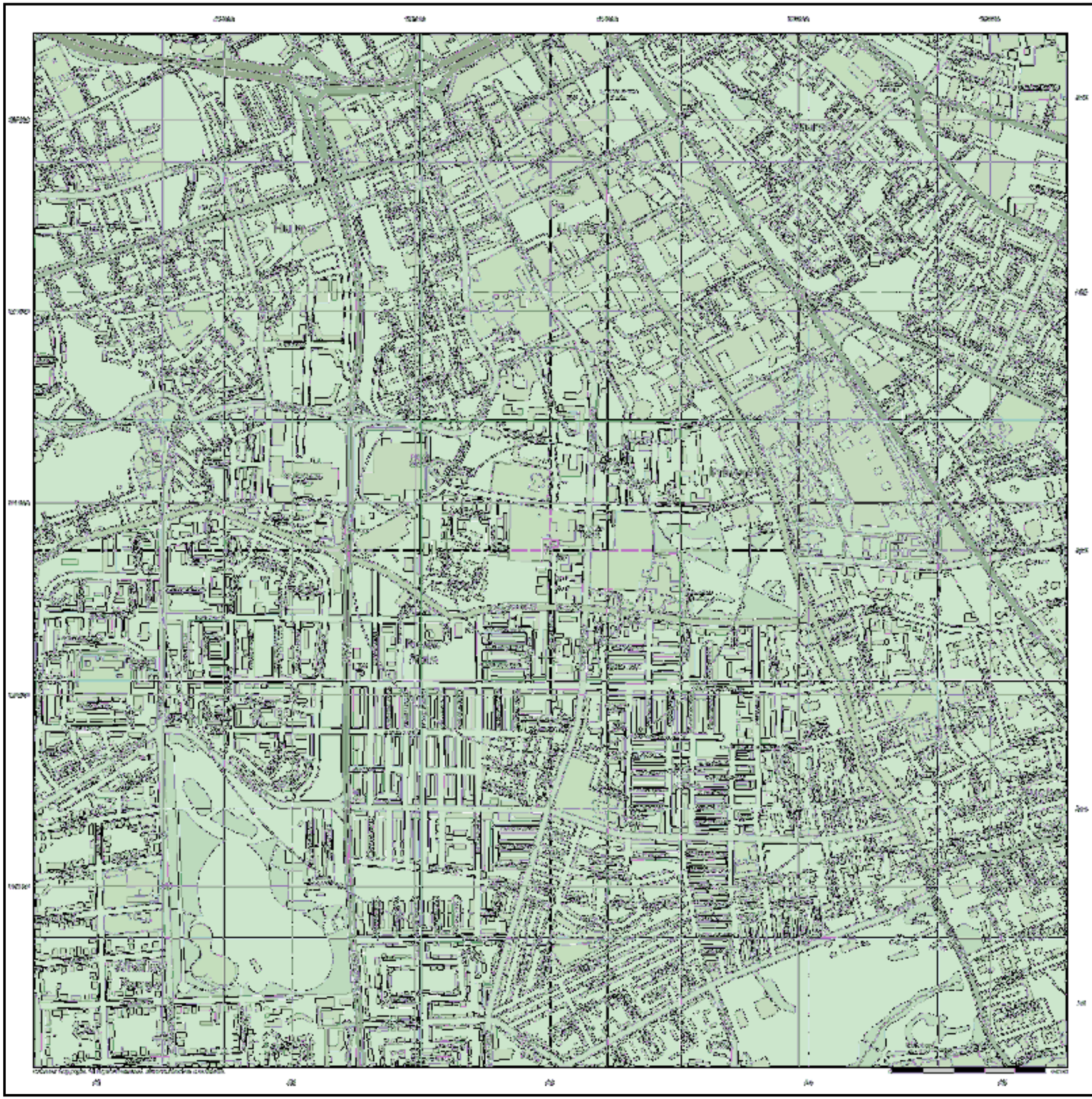
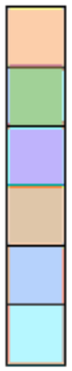


LK CONSULT LIMITED

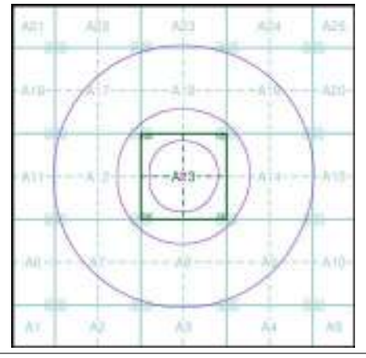
General

Estimated Soil Chemistry Lead

Lead concentration (mg/kg)



## Estimated Soil Chemistry Lead - Slice A






## Order Details

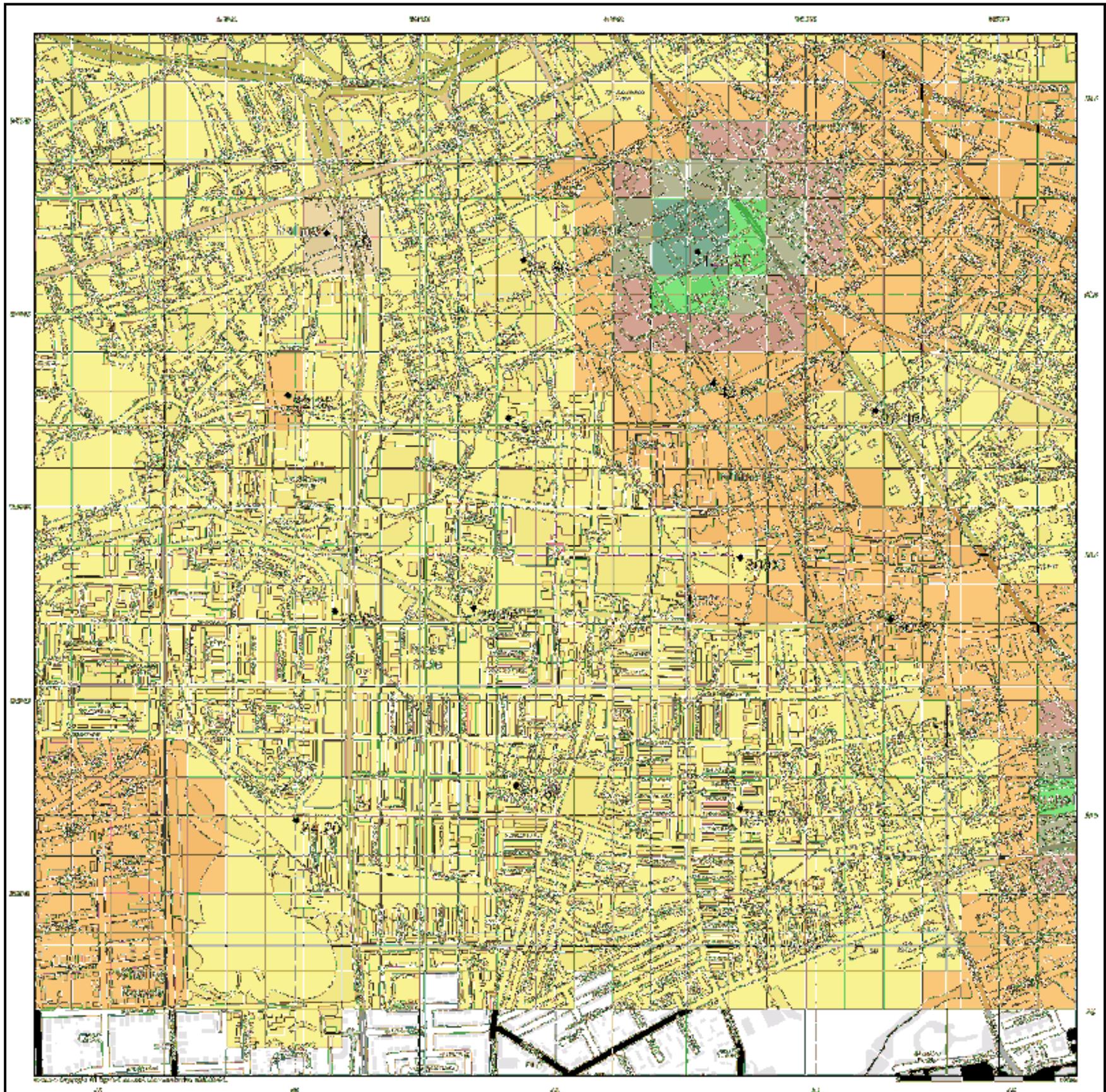
| | |
|---|---|
| Order Details: | 137660777_1_1 |
| Customer Ref: | LKC 17 1298 |
| National Grid Reference: | 384350, 395880 |
| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search buffer (m): | 1000 |

## Site Details

Webster Junior School, Denmark Road, Manchester, M15 6JU

Landmark INFORMATION GROUP

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



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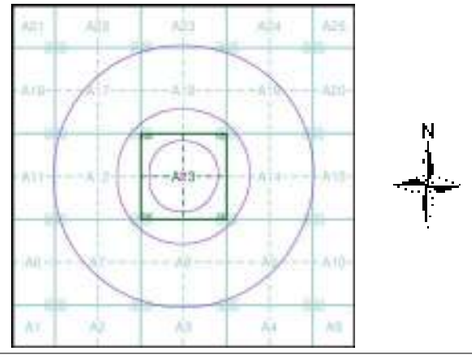
General

Urban Soil Chemistry Nickel

## Urban Soil Chemistry Nickel - Slice A



## Order Details

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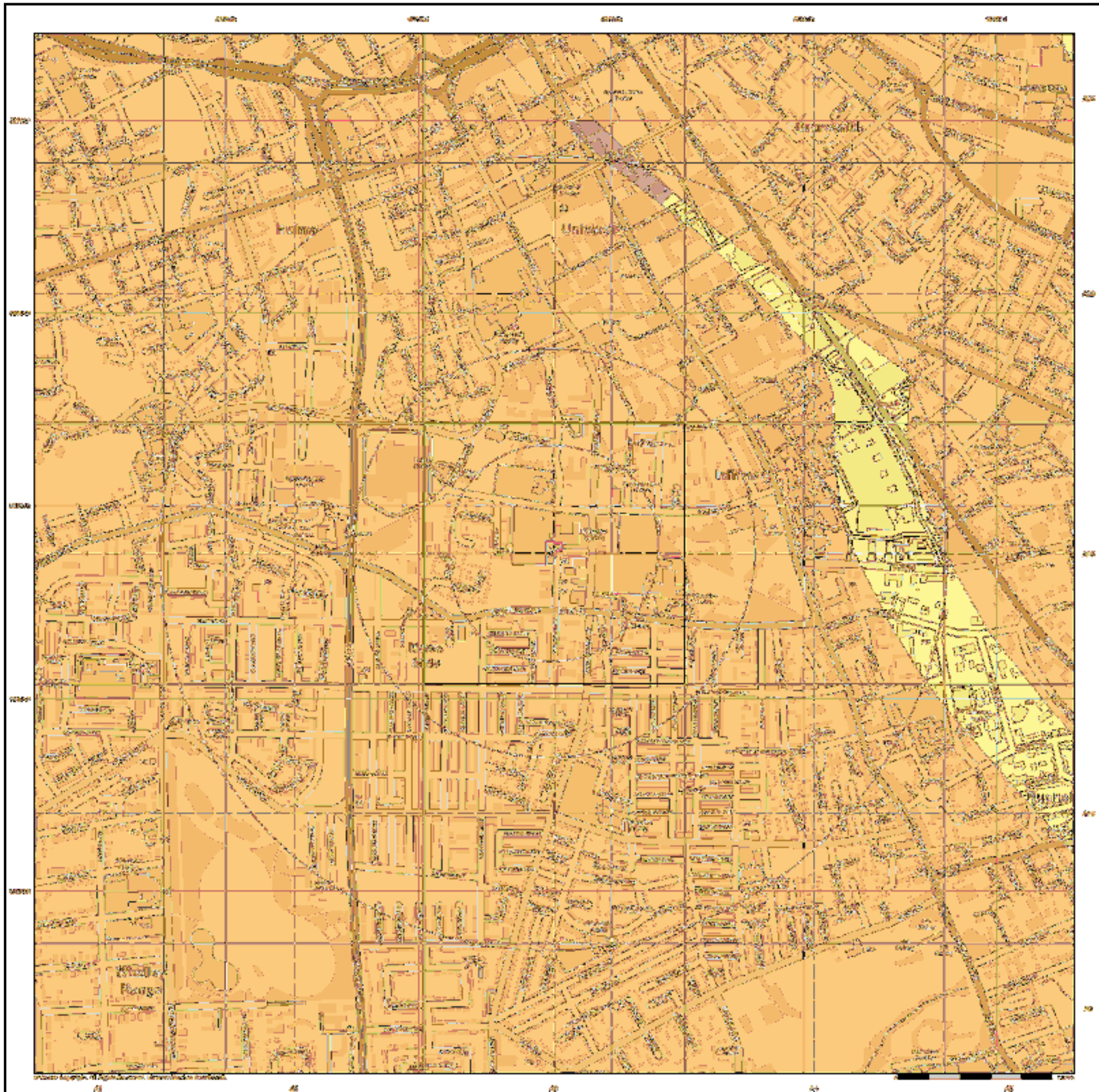

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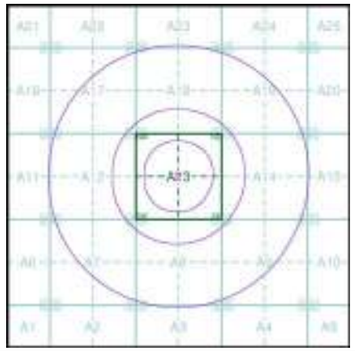
General

Estimated Soil Chemistry Nickel

## Estimated Soil Chemistry Nickel - Slice A



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| | |
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| Order Details: | 137660777_1_1 |
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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 | Cenozoic - Cenozoic |
| | MGR | Made Ground (Undivided) | Artificial Deposit | Holocene - Holocene |

## Superficial Geology

| Map Colour | Lex Code | Rock Name | Rock Type | Min and Max Age |
|---|---|---|---|---|
| | ALV | Alluvium | Clay, Silt, Sand and Gravel | Flandrian - Flandrian |
| | ALV | Alluvium | Sand with Clay And Gravel | Flandrian - Flandrian |
| | TILLD | Till, Devensian | Diamicton | Devensian - Devensian |
| | GFSDD | Glaciofluvial Sheet Deposits, Devensian | Sand and Gravel | Devensian - Devensian |
| | GFICD | Glaciofluvial Ice Contact Deposits, Devensian | Sand and Gravel | Devensian - Devensian |

## Bedrock and Faults

| Map Colour | Lex Code | Rock Name | Rock Type | Min and Max Age |
|---|---|---|---|---|
| | CPB | Chester Pebble Beds Formation | Sandstone | Early Triassic - Early Triassic |
| | WLSF | Wilmslow Sandstone Formation | Sandstone | Early Triassic - Early Triassic |
| | CPB | Chester Pebble Beds Formation | Sandstone, Pebbly (Gravelly) | Early Triassic - Early Triassic |
| | MM | Manchester Marls Formation | Mudstone | Late Permian - Late Permian |
| | CS | Collyhurst Sandstone Formation | Sandstone | Cisuralian - Cisuralian |
| | HA | Halesowen Formation | Mudstone, Siltstone and Sandstone | Westphalian D - Westphalian D |
| | GML | Great Mine Limestone | Limestone | Westphalian D - Westphalian D |
| | | Faults | | |

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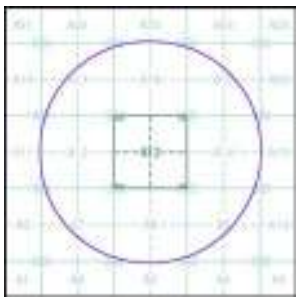
## Geology 1:50,000 Maps

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:** | **2011** |
| **Bedrock Geology:** | **Available** |
| **Superficial Geology:** | **Available** |
| **Artificial Geology:** | **Available** |
| **Faults:** | **Not Supplied** |
| **Landslip:** | **Available** |
| **Rock Segments:** | **Not Supplied** |

## Geology 1:50,000 Maps - Slice A



## Order Details:

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|---|---|
| Order Number: | 137660777_1_1 |
| Customer Reference: | LKC 17 1298 |
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Webster Junior School, Denmark Road, Manchester, M15 6JU

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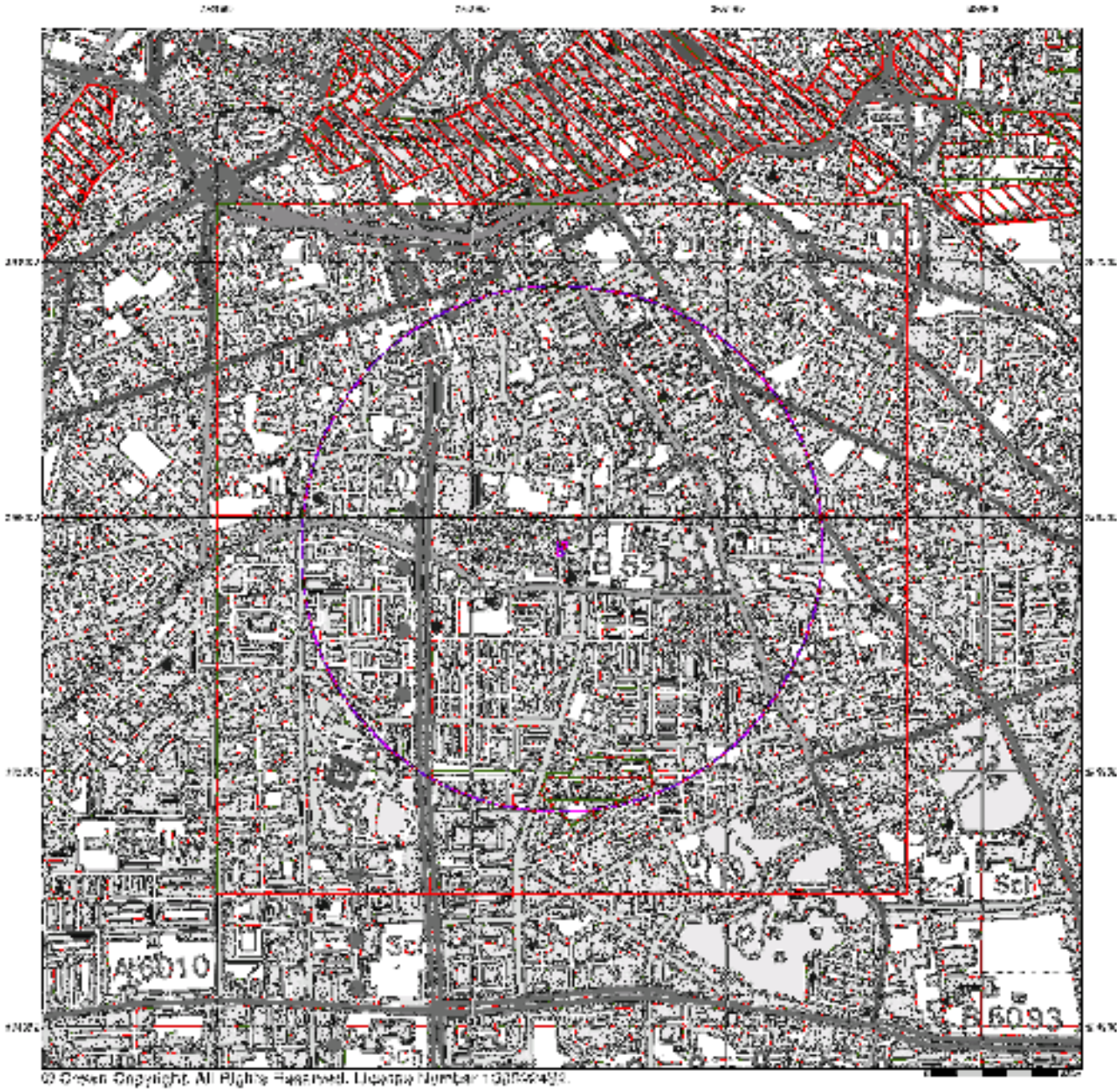
Web: www.envirocheck.co.uk



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## Artificial Ground and Landslip

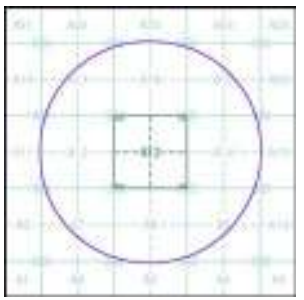
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

## Artificial Ground and Landslip Map - Slice A




## Order Details:

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|---|---|
| Order Number: | 137660777_1_1 |
| Customer Reference: | LKC 17 1298 |
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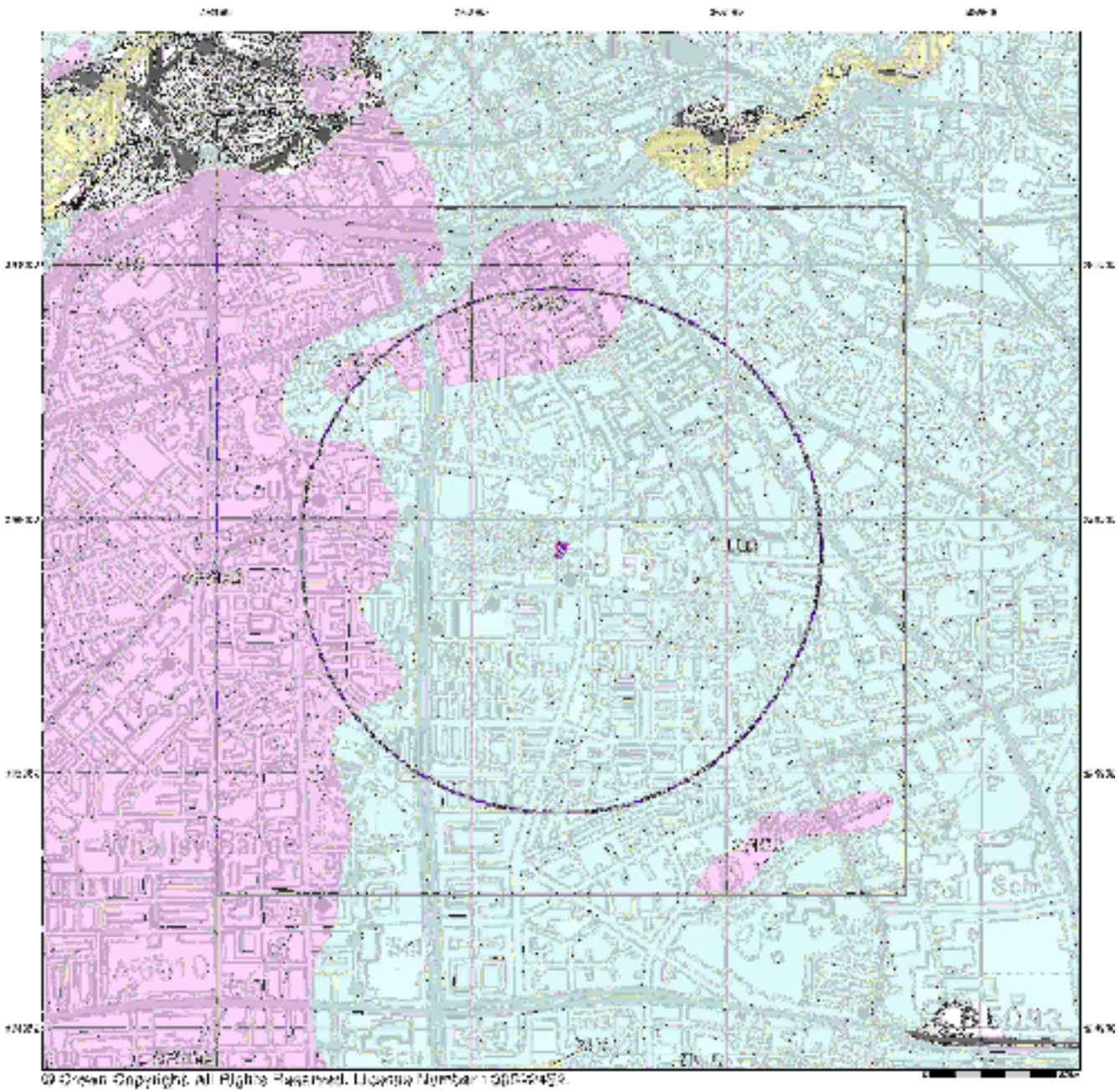
Webster Junior School, Denmark Road, Manchester, M15 6JU

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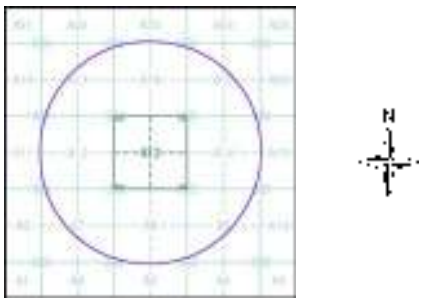
## Superficial Geology

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

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| Order Number: | 137660777_1_1 |
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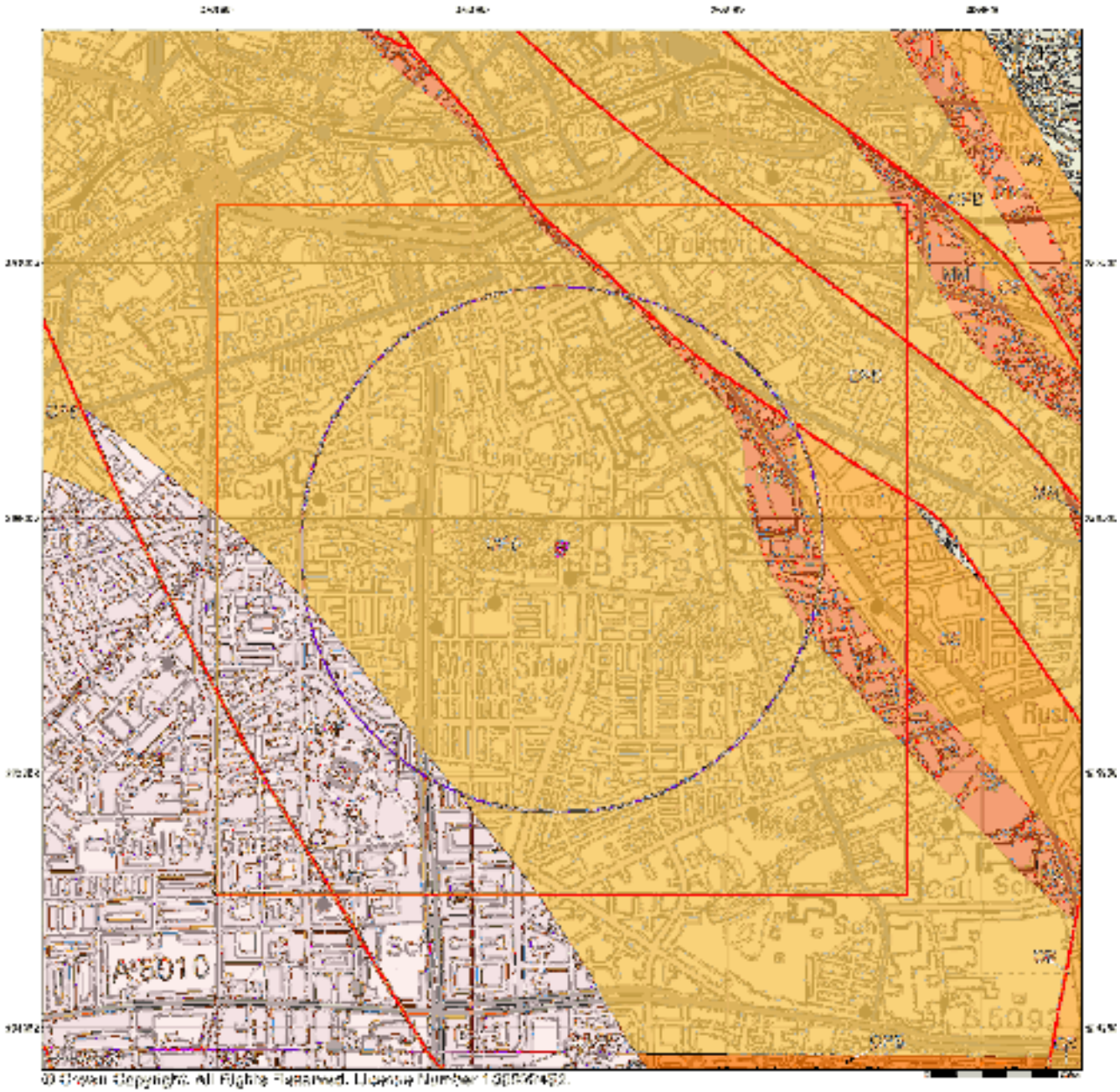
Webster Junior School, Denmark Road, Manchester, M15 6JU

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## Bedrock and Faults

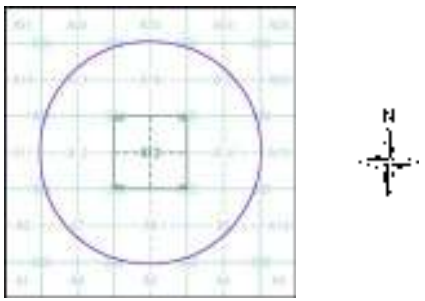
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

## Bedrock and Faults Map - Slice A

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## Site Details:

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Landmark INFORMATION GROUP

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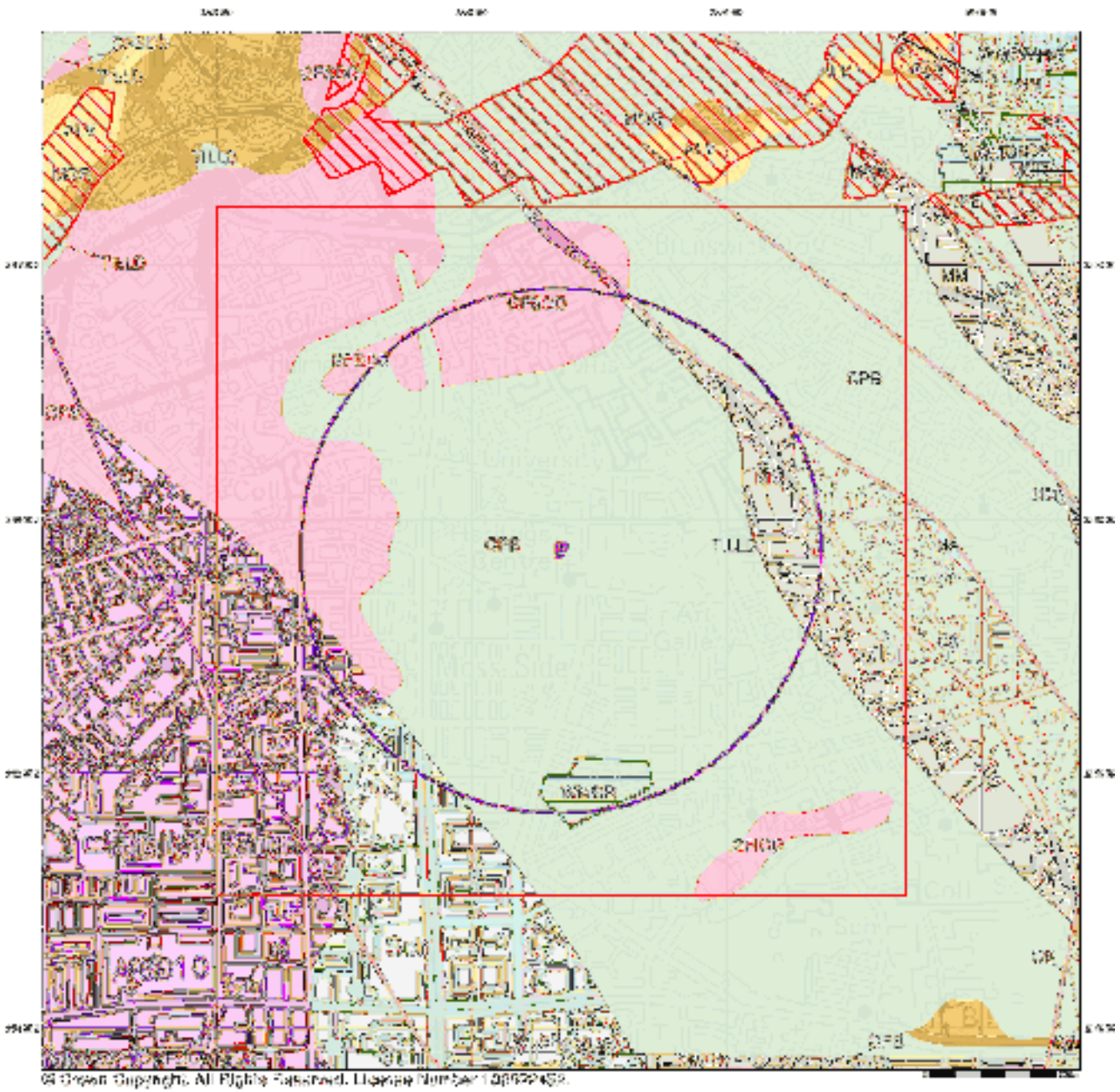
Web: www.envirocheck.co.uk

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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.

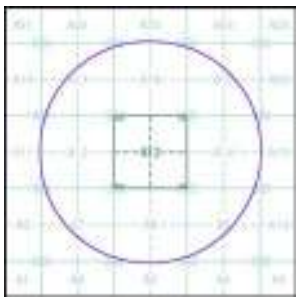
## Additional Information

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: | 137660777_1_1 |
| Customer Reference: | LKC 17 1298 |
| National Grid Reference: | 384350, 395880 |
| Slice: | A |
| Site Area (Ha): | 0.17 |
| Search Buffer (m): | 1000 |

## Site Details:

Webster Junior School, Denmark Road, Manchester, M15 6JU

# APPENDIX C

# COAL AUTHORITY REPORT

The Coal Authority

Resolving the impacts of mining

# CON29M Non-Residential Mining Report








## WEBSTER JUNIOR SCHOOL
## DENMARK ROAD
## GREATER MANCHESTER

| | |
|---|---|
| Date of enquiry: | 30 August 2017 |
| Date enquiry received: | 30 August 2017 |
| Issue date: | 30 August 2017 |
| Our reference: | 51001613464001 |
| Your reference: | 137660777_2\| |

# CON29M Non-Residential Mining Report

This report is based on, and limited to, the records held by the Coal Authority and the Cheshire Brine Subsidence Compensation Board's records, at the time we answer the search.

**Client name**

LANDMARK INFORMATION GROUP LIMITED

**Enquiry address**

WEBSTER JUNIOR SCHOOL, DENMARK ROAD, GREATER MANCHESTER




Approximate position of property

Map data

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## How to contact us

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+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

www.groundstability.com

/company/the-coal-authority
/thecoalauthority
/coalauthority

# Summary

| Has the search report highlighted evidence or potential of | | |
|---|---|---|
| 1 | Past underground coal mining | No |
| 2 | Present underground coal mining | No |
| 3 | Future underground coal mining | No |
| 4 | Mine entries | No |
| 5 | Coal mining geology | No |
| 6 | Past opencast coal mining | No |
| 7 | Present opencast coal mining | No |
| 8 | Future opencast coal mining | No |
| 9 | Coal mining subsidence | No |
| 10 | Mine gas | No |
| 11 | Hazards related to coal mining | No |
| 12 | Withdrawal of support | No |
| 13 | Working facilities order | No |
| 14 | Payments to owners of former copyhold land | No |
| 15 | Information from the Cheshire Brine Subsidence Compensation Board | No |

**For detailed findings, please go to page 4.**

# Detailed findings

### 1. Past underground coal mining

The property is not within a surface area that could be affected by past underground mining.

### 2. Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

### 3. Future underground coal mining

The property is not in an area where the Coal Authority has plans to grant a licence to remove coal using underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

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

### 4. Mine entries

There are no known coal mine entries within, or within 20 metres of, the boundary of the property.

### 5. Coal mining geology

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

### 6. Past opencast coal mining

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

### 7. Present opencast coal mining
The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

### 8. Future opencast coal mining
There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

### 9. Coal mining subsidence
The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres, since 31 October 1994.

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

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

### 10. Mine gas
The Coal Authority has no record of a mine gas emission requiring action.

### 11. Hazards related to coal mining
The property has not been subject to remedial works, by or on behalf of the Authority, under its Emergency Surface Hazard Call Out procedures.

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

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

### 13. Working facilities order
The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

### 14. Payments to owners of former copyhold land
The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

## 15. Information from the Cheshire Brine Subsidence Compensation Board

The property lies outside the Cheshire Brine Compensation District.

## Additional remarks

Information provided by the Coal Authority in this report is compiled in response to the Law Society's Con29M Coal Mining and Brine Subsidence Claim enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL. Please note that Brine Subsidence Claim enquiries are only relevant for England and Wales. This report is prepared in accordance with the Law Society's Guidance Notes 2006, the User Guide 2006 and the Coal Authority and Cheshire Brine Board's Terms and Conditions applicable at the time the report was produced.

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## Alternative formats

If you would like this report in an alternative format, please contact our communications team.

# Enquiry boundary

**Key**

Approximate position of enquiry boundary shown




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NG18 4RG

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/company/the-coal-authority
/thecoalauthority
/coalauthority

# APPENDIX D

# Zetica UXO Pre-Desk Study Assessment

# Pre-Desk Study Assessment

| | |
|---|---|
| **Site:** | Webster Junior School, Denmark Road, Manchester |
| **Client:** | LK Group |
| **Contact:** | Punit Patel |
| **Date:** | 25th August 2017 |
| | |
| Pre-WWI Military Activity on or Affecting the Site | None identified. |
| WWI Military Activity on or Affecting the Site | None identified. |
| WWI Strategic Targets (within 5km of Site) | The following strategic targets were located in the vicinity of the Site:<br>■ Manchester Ship Canal.<br>■ Salford Docks.<br>■ Industries important to the war effect, including aircraft manufacturing works.<br>■ Royal Flying Corps (RFC) Alexandra Park.<br>■ Military barracks.<br>■ Transport infrastructure and public utilities.<br>■ Anti-Aircraft (AA) guns. |
| WWI Bombing | None identified on the Site. |
| Interwar Military Activity on or Affecting the Site | None identified. |
| WWII Military Activity on or Affecting the Site | None identified. |
| WWII Strategic Targets (within 5km of Site) | The following strategic targets were located in the vicinity of the Site:<br>■ Manchester Ship Canal.<br>■ Salford Docks.<br>■ Industries important to the war effect, including engineering, chemical and textile works.<br>■ Mode Wheel fuel depot.<br>■ Military barracks.<br>■ Transport infrastructure and public utilities.<br>■ AA and anti-invasion defences. |
| WWII Bombing Decoys (within 5km of Site) | None. |
| | |

| | |
|---|---|
| WWII Bombing | During WWII the Site was located in the County Borough (CB) of Manchester, which officially recorded 757No. High Explosive (HE) bombs with a low-moderate regional bombing density of 27 bombs per 405 hectares (ha).<br><br>The Manchester area was heavily bombed between the 22nd and 24th December 1940 (the 'Manchester Blitz'). Over 400No. HE bombs and more than 30,000 Incendiary Bombs (IBs) fell across the region. Bombing was concentrated on the city centre, approximately 1.5km north of the Site.<br><br>Readily available records have been found indicating that buildings on the Site sustained significant bomb damage. |
| Post-WWII Military Activity on or Affecting the Site | None identified. |
| Recommendation | Readily available records have been found indicating that during WWII buildings on the Site sustained significant bomb damage.<br><br>Given this, a detailed desk study is recommended to assess and potentially zone the Unexploded Ordnance (UXO) hazard level on the Site. |

This summary is based on a cursory review of readily available records. Caution is advised if you plan to action work based on this summary. It is possible that further research may change the level of identified hazard.

It should be noted that where a potentially significant source of UXO hazard has been identified on the Site, the requirement for a detailed desk study and risk assessment has been confirmed and no further research will be undertaken at this stage. It is possible that further in-depth research as part of a detailed UXO desk study and risk assessment may identify other potential sources of UXO hazard on the Site.

# APPENDIX E

# SITE RECONNAISSANCE

# Site Reconnaissance – Webster Primary School, Manchester



Photograph 1 (P1)
View to the south from the north of the site.



Photograph 2 (P2)
View of the all-weather pitch to the west of the site.



Photograph 3 (P3)
Mature trees and small grassed area in the north of the site

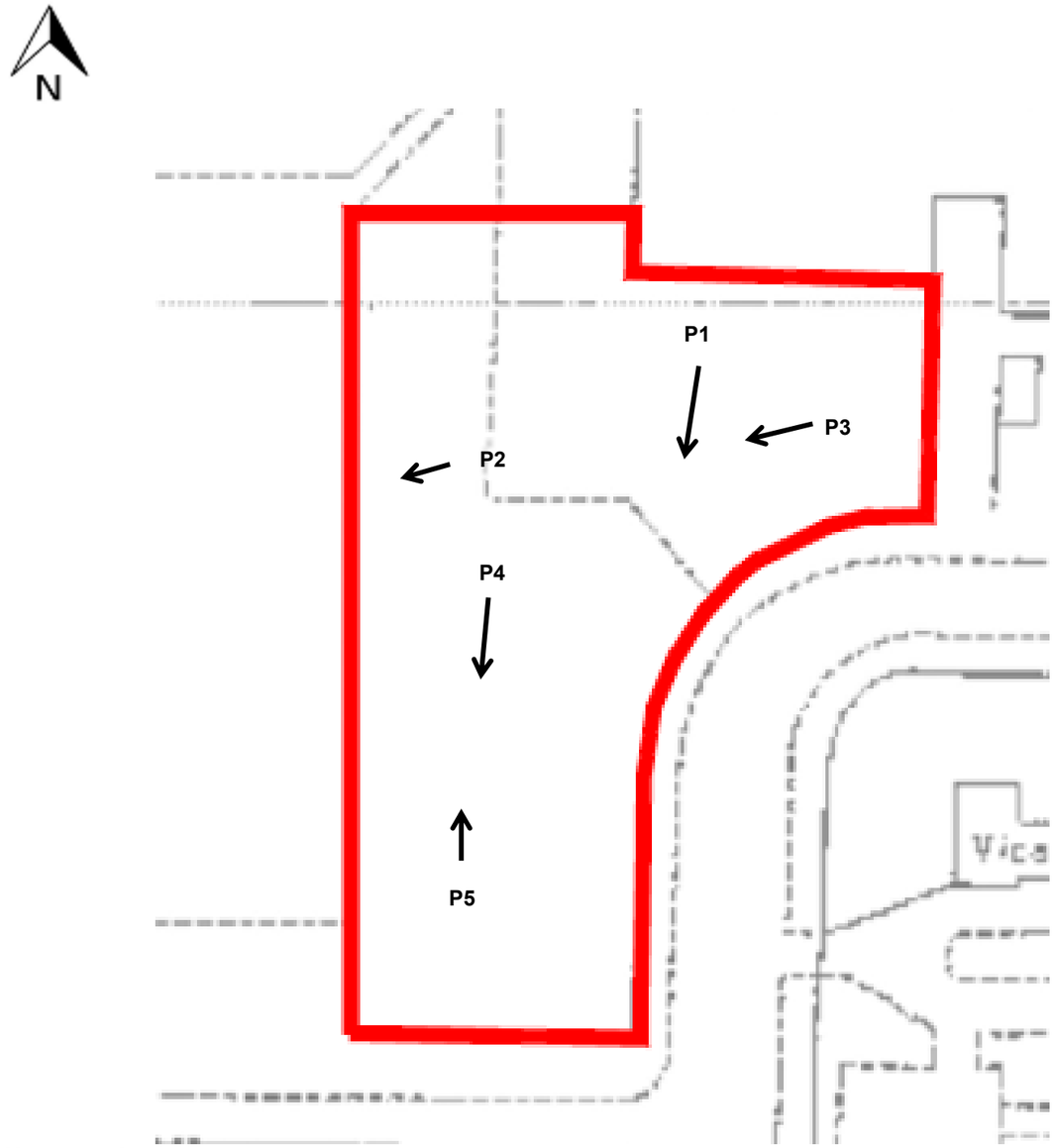


Photograph 4 (P4)
Several services have been marked on the tarmacadam in the centre and south of the site.



Photograph 5 (P5)
View from the south looking north across the site.

-




Not to scale

# APPENDIX F

# RISK EVALUATION

# Risk Evaluation

The method for risk evaluation is a qualitative method of interpreting the output from the risk estimation stage of the assessment, based on CIRIA 552[11]. It involves the classification of the:

- Magnitude of the potential consequence (severity) of the risk occurring (Table A).
- Magnitude if the probability (likelihood) of the risk occurring (Table B).

| Consequence (Severity) | | |
|---|---|---|
| **Classification** | **Definition** | **Example** |
| **Severe** | - Short term (acute) risk to human health likely to results in 'significant harm' as defined by the Environment Protection Act 1990, Part IIA.<br>- Short term risk of pollution (note: water Resources Act contains no scope for considering significance of pollution) of sensitive water resource.<br>- Catastrophic damage to buildings/properties.<br>- A short term risk to a particular ecosystem, or organism forming part of such ecosystem (note: the definition of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000). | - High Concentrations of cyanide on the surface of an informal recreation area.<br>- Major spillage of contaminants from site into controlled waters.<br>- Explosion, causing building collapse (can also equate to short term human health risk if buildings are occupied). |
| **Medium** | - Chronic damage to Human Health ('significant harm' as defined in DETR, 2000).<br>- Pollution of sensitive water resources (note Water Resources Act contains no scope for considering significance of pollution).<br>- A significant change in a particular ecosystem, or organism forming part of such ecosystem. | - Concentrations of a contaminant from site exceed generic, or site specific assessment criteria.<br>- Leaching of contaminants from a site to a major or minor aquifer (Principal and Secondary).<br>- Death of a species within a designated nature reserve. |
| **Mild** | - Pollution of non-sensitive water resources.<br>- Significant damage to crops, buildings, structures and services ('significant harm' as defined in DETR, 2000).<br>- Damage to sensitive buildings/structures/services or the environment. | - Pollution of non-classified groundwater.<br>- Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability). |
| **Minor** | - Harm, although not necessarily significant harm, which may result in a financial loss, or expenditure to resolve.<br>- Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc).<br>- Easily repairable damage to buildings, structures and services. | - The presence of contaminants at such concentrations that protective equipment is required during site works.<br>- The loss of plants in a landscaping scheme.<br>- Discoloration of concrete. |

Table A. Classification of Consequence

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

Table B. Classification of Probability.

[11] CIRIA C552 (2001) Contaminated Land Risk Assessment - A guide to good practice.

These classifications are then compared to indicate the risk presented by each pollutant linkage (Table C). It is important that this classification is only applied where there is a possibility (which can range from high likelihood to unlikely) of a pollutant linkage existing.

| | | 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 | Very Low Risk |

Table C. Comparison of Consequence against Probability

Once the risk has been determined the corresponding action can be assessed (Table D).

| Risk | Action Required |
|---|---|
| **Very High Risk** | There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that sever harm to a designated receptor is currently happening.<br>This risk, if realised, is likely to results in a substantial liability.<br>Urgent investigation (if not already undertaken) and remediation are likely to be required. |
| **High Risk** | Harm is likely to arise to a designated receptor from an identified hazard.<br>Realisation of the risk is likely to present a substantial liability.<br>Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the longer term. |
| **Moderate Risk** | It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild.<br>Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term. |
| **Low Risk** | It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild. |
| **Very Low Risk** | There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe. |

Table D. Description of the Classification and Likely Action Required.

Where LKC identified a low to very low risk either limited intrusive investigation work, a watching brief (during construction work) or no investigation work will be recommended. This will be dependent on the nature of the site and the proposed development.

Where the risk falls into the moderate/low risk, LKC will undertake an assessment to establish what category the pollutant linkage will fall into (i.e. moderate or low risk will be chosen).

Where LKC identifies a moderate or higher risk intrusive work or precautionary remedial measures will be recommended.

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