

# Alberton House, Manchester

## Phase 1 Preliminary Risk Assessment

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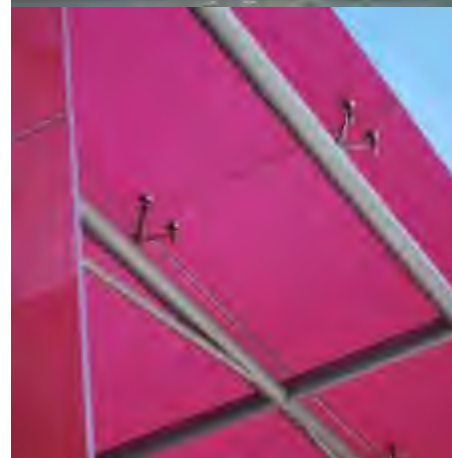
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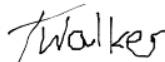
Client Address: Union, Albert Square, Manchester, M2 6LW

Site Address: Alberton House, 30 St Mary's Parsonage, Manchester, M3 2WJ



| Rev | Description | Issued by | Checked | Date |
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## Executive Summary

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appointment         | <p>In July 2021 Curtins were instructed by Bruntwood RB Limited to undertake a Phase 1 Preliminary Risk Assessment of land occupied by Alberton House, 30 St Mary's Parsonage, Manchester, M3 2WJ. The site is centred on NGR SJ 83479 98428 and covers an area of approximately 0.19 Ha.</p> <p>It is understood that the site is to be redeveloped for circa 18 storey mixed-use development of offices, event space, cafe and rooftop bar, restaurant and spa facilities. At the time of writing, no proposed development plans were available.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Current Site Status | <p>The site is currently occupied by a 12-storey building with 4 storey annexe situated off St Mary's Parsonage, with hardstanding surrounding as well as areas of raised landscaping present on site. At the eastern side there is car parking and access to the north of site of the site. There is also car parking and access at the west of the site leading to a basement car park which extends under the footprint of the 12-storey section. The site's topography is relatively flat except at the vehicular access route on the west which slopes moderately towards the basement access.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Site History        | <p>Earliest mapping (1840's) shows the site as developed with a copper and brass works in the north of the site with Albert Street splitting the site from a gas works encroaching the south of the site. By 1891; the metal works was no longer shown and the north of the site appears to be used for warehouse buildings later identified for yarn and cork. The gas works was also demolished at this time and a police station constructed on the southern part of the site.</p> <p>The police station was demolished on the southern boundary by 1938 and by 1948 the warehouses are marked as Ruins after WWII. Albert Street was de-constructed by 1962, and the site fully re-developed with Alberton House buildings by 1973 with associated carparking areas. The site remains in a similar lay out to the present day.</p> <p>The surrounding area is re-developed with Albert Bridge House immediately west of the site by 1962. By 1980's, almost all industrial land use surrounding the site is re-developed for commercial businesses, office space and multistorey carparking. By 1996, Trinity Bridge was constructed within 10m northwest of the site.</p>                                                                                                                                                                                                                                                                                                                                              |
| Geology             | <p>BGS mapping indicates the site is not underlain by any superficial deposits but is underlain by bedrock of the Chester Formation comprising weathered sandstone. The BGS records borehole logs off-site (172m and 173m W) recorded Made Ground to 2.80m bgl (sandy clay and brick fill) overlying predominantly sandstone to 25.0m. The second borehole recorded clayey silty sand from 2.0m to 2.70m overlying dense red sand to 3.0m overlying predominantly sandstone to 111m bgl.</p> <p>The site is located in a low probability radon area where &lt;1% of homes are estimated to be at or above the radon Action Level.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Mining              | <p>The site is located within a Coal Mining reporting area but not located within a Development High-Risk Area and there are no recorded mine entries, coal workings or probable coal workings within 1km of the site. The risk from shallow coal mining is therefore considered to be <b>Low</b>.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Hydrogeology        | <p>The site is underlain by a Principal Aquifer (Chester Formation). The site is not located within a Source Protection Zone (SPZ). There are 6 no. groundwater abstraction points within 500m of the site and 3 no. groundwater abstraction points for potable water supplies within 1km of the site.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Hydrology           | <p>The nearest surface water feature is River Irwell recorded 1m north of the site. There are no surface water abstractions within 1km.</p> <p>There are several discharge consents within 500m of the site, all relating to United Utilities stormwater overflow outages.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Unexploded Ordnance | <p>Online UXO risk mapping identifies the site as being in a high-risk area. Due to identified bomb-damaged areas within on site and 150m of the site preliminary appraisal identified an elevated risk from UXO. A Detailed UXO Risk Assessment was subsequently obtained from 1<sup>st</sup> Line Defence, and the following findings have been summarised:</p> <ul style="list-style-type: none"> <li>The risk of German aerial delivered and anti-aircraft UXO on site has been assessed as <b>Medium</b>.</li> <li>The risk from Allied LSA/SAA unexploded ordnance on site has been assessed as Negligible.</li> <li>The building on site currently appears to have been constructed in the late 1970s/early 1980s. The risk of UXO remaining is considered to be mitigated at the location of and down to the depth of any post-war redevelopment on site. For example, the risk from deep buried UXO will only have been mitigated within the volumes of any post-war pile foundations or deep excavations for basement levels.</li> </ul> <p>1<sup>st</sup> Line Defence have provided risk mitigation measures for Curtins GI works on site which include;</p> <p>Providing a UXO Risk Management Plan and Site Specific UXO Awareness Briefings to all personnel conducting intrusive works. All intrusive ground investigation on site will require supervision by a UXO specialist. All boreholes and pile locations will require Intrusive Magnetometer Survey down to maximum bomb penetration depth. If</p> |

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                | unexploded ordnance is discovered during any works, stop immediately, prevent access to the area, and inform the police. If the site boundary or location changes then the UXO risk should be reassessed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Initial Ground Contamination Assessment</b> | <p>The risk from Made Ground posed to the site's end-users and groundwater is considered to be <b>Moderate</b> taking into account the site's historical industrial land use and periods of redevelopment.</p> <p>The risk posed to surface water and groundwater is considered to be <b>Moderate</b> taking into account the site's historical industrial land use as well as the distance to the nearest surface water feature and the lack of superficial deposits overlying the Principal aquifer.</p> <p>The risk posed to site end-users from ground generating gases arising from Made Ground and demolition materials on the site is considered to be <b>Moderate</b> accounting for the anticipated thicknesses and nature of Made Ground soils underlying the site.</p> |
| <b>Recommendations</b>                         | <p>The following recommendations are made with regards to further works at the site:</p> <ol style="list-style-type: none"> <li>1. Undertake an intrusive ground investigation.</li> <li>2. Undertake a GQRA as part of the ground investigation;</li> <li>3. Undertake Ground Gas Monitoring over a period of three months for methane, carbon dioxide, oxygen, hydrogen sulphide, gas flow in l/hr, weather conditions and barometric pressure (with confirmation if falling, steady or rising); and</li> <li>4. Provide UXO risk mitigation measures for GI works.</li> </ol> <p>It is further recommended that this work is completed in advance of any development works taking place.</p>                                                                                   |

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- Appendix A    Drawings**
- Appendix B    Envirocheck Report**
- Appendix C    Detailed UXO Risk Assessment**
- Appendix D    Qualitative Risk Assessment Rationale**

## 1.0 Introduction

### 1.1 Project Background

In July 2021 Curtins were instructed by Bruntwood RB Limited to undertake a Phase 1 Preliminary Risk Assessment of the site occupied by Alberton House, 30 St Mary's Parsonage, Manchester, M3 2WJ.

The location and extent of the site is shown in *Figure 2.1*.

Development proposals include the demolition of the existing building and construction of circa 18 storey commercial building to include offices, retail, leisure and restaurant facilities. Proposed development plans are enclosed in Appendix A.

### 1.2 Scope of Services

The Phase 1 Preliminary Risk Assessment (PRA) is intended to provide an overview of the geo-environmental and geotechnical setting of the site, prior to the proposed development of the site.

Through this overview, the Phase 1 PRA aims to develop both a working conceptual and ground model for the site, as well as present an initial assessment of any risks that could be presented to the development including its intended end users and the wider environment.

Specifically, the Phase 1 PRA provides an initial assessment of the site regarding:

- a) Potential on and offsite contamination from historical and/or current uses, including potential ground gas generating sources;
- b) The potential impact on the wider environment by historical and or current use of the site of interest;
- c) The potential impact from surrounding land uses and other environmental factors;
- d) Potential problems associated with geological features such as faulting, mineral extraction, mining and land instability; and
- e) The location of apparent sub-surface structures that may affect the proposed redevelopment.

Consideration of detailed flood risk, ecology and archaeological issues are outside of the scope of this report.





## 2.2 Surrounding Area Details

The following information was established through undertaking an environmental database search. The full Envirocheck report (Ref. 1) is included in *Appendix B*.

**Table 2.2 – Surrounding Land Uses**

|                  |   |                                                                                                         |
|------------------|---|---------------------------------------------------------------------------------------------------------|
| Surrounding Area | N | Embankment along the River Irwell and the Lowry Hotel and Outlet further north beyond the River Irwell. |
|                  | E | Cardinal House and more office blocks and commercial properties beyond.                                 |
|                  | W | Public footpath and Albert Bridge House with car parking further west, Bridge Street beyond.            |
|                  | S | St Mary's Parsonage and commercial properties and businesses and multistorey carparking beyond.         |

### 3.0 Site History

A review of the available historical mapping and other information for the site, as presented within the Envirocheck Report (Ref. 1), has been undertaken and is presented in *Table 3.0* below.

**Table 3.0 – Previous Site and Surrounding Area Uses and Potential Sources of Contamination. *Bold text refers to on-site activity.***

| Date        | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Potential Sources of Contamination                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1848 – 1891 | <p><b>The site is developed. A brass and copper works is present in the northern part of the site. Part of a gas works is present encroaching the south area of the site with Albert Street separating the two works.</b></p> <p><b>The gas works encroaching the south of the site is re-developed between 1851 and 1891 with a police station present in the south of the site. The building on the north of the site are no longer depicted as a brass and copper works by 1891, building configuration appears relatively similar and a chimney is shown on site.</b></p> <p>River Irwell is present immediately north of the site and the surrounding area is predominantly mixed industrial and terraced residential land use.</p>                                                                                                                                                                                                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>• Potential for contamination on site from construction of brass and copper works on site and from use of the works, notable COC's include heavy metals, PAHs, TPHs.</li> <li>• Potential for contamination on site from construction of gas works and from use of the gas works, notable COC's include cyanide and ammonium compounds, heavy metals. Unremoved subsurface features may remain such as gas holders.</li> <li>• Uncontrolled deposition of Made Ground on site and off site from demolition and re-development of gas works and metal works on site.</li> </ul> |
| 1891 – 1938 | <p><b>Site is occupied in the northern part of the site by industrial warehouses such as cork and yarn warehouses and a cabinet and furniture warehouse, first shown in available records in 1917 building insurance plans. Albert Street is present running through the centre of the site. The police station is present in the south of the site with an area of undeveloped land in the most southerly extent of the site.</b></p> <p><b>A ship warehouse is depicted in 1936 building insurance plans on the north of site as well as a 'subway' linking two warehouses.</b></p> <p>By 1908, a tramway is present on King Street 50m south of the site. Numerous warehouse buildings are present within 100m west and east of the site lining the south embankment of the River Irwell. A pub is present 50m southwest of the site on Albert Street.</p> <p>In the wider vicinity; hotels, terraced housing and commercial businesses are present within 250m east of the site, also Queens Theatre, Rylands Library and terraced housing present within 250m south of the site. The surrounding area of the site remains predominantly the same until 1938.</p> | <ul style="list-style-type: none"> <li>• Uncontrolled deposition of Made Ground from use of the industrial warehouses along the river.</li> <li>• Potential contamination such as fuel/oil spills from the road and use of the police station from vehicle fuelling.</li> </ul>                                                                                                                                                                                                                                                                                                                                       |
| 1938 – 1962 | <p><b>By 1938, the police station in the southern part of the site is demolished. By 1948, the warehouse buildings in the northern extent of the site along the River Irwell are marked as Ruin from WWII bombing in the immediate area.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li>• Uncontrolled deposition of Made Ground during demolition of police station and the warehouse buildings on site.</li> <li>• Uncontrolled deposition of Made Ground during construction of garage off site.</li> </ul>                                                                                                                                                                                                                                                                                                                                                         |

| Date           | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Potential Sources of Contamination                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                | <p><b>By 1956-57, ruins are no longer identified but the site remains undeveloped and the northern portion appears to be split into two smaller areas of land by the River Irwell.</b></p> <p>From 1948, a garage has been constructed 25m south of the site in the area of the historic gas works. The surrounding area has been partially re-developed with a garage within 100m east of the site and Arkwright House shown in place of a few smaller buildings 25m southeast of the site. Residential terraced housing is still present along Bridge Street, 100m southeast of the site.</p>                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>• Potential contamination of fuel/oil spills in proximity to the site from the garage. Notable COC's include TPHs &amp; PAHs.</li> </ul>                                                                                                                                                                                                                                                                                                     |
| 1962 – 1990    | <p><b>By 1962, the site is still undeveloped. The northern part of the site is still split into two areas. Albert Street is no longer present and Alberton Street has been constructed running along the eastern boundary of the site.</b></p> <p><b>By 1973, a T-shaped building with the same figuration as Alberton House is present on the northern part of the site. By 1984, the T-shaped building is marked Alberton House with areas for carparking to the west and south of the site.</b></p> <p>From 1962, Albert Bridge House is present immediately west of the site. By 1975, the building to the east is marked as Cardinal House. By 1980, a multistorey carpark is mapped 40m from the eastern boundary, the surrounding area has remained predominantly the same as previous mapping.</p> | <ul style="list-style-type: none"> <li>• Uncontrolled deposition of Made Ground during the de-construction of Albert Street across the site.</li> <li>• Uncontrolled deposition of Made Ground during construction of Alberton House and Cardinal House on site. Notable COC's include asbestos in discarded building materials.</li> <li>• Potential contamination from fuel/oil spills in areas of hardstanding for carparking. Notable COC's include TPHs &amp; PAHs.</li> </ul> |
| 1990 – 2006    | <p><b>The site remains similar throughout this period with possible minor changes to areas of landscaping around Alberton House.</b></p> <p>Trinity Bridge is constructed approximately 10m northwest of the site boundary by 1996.</p> <p>Detailed mapping of the area surrounding the site is incomplete from 1990 to 2000, however there is some re-development of areas within 200m of the site such as pubs, small businesses, churches. There is no marked industrial land use within 150m of the site by 2000.</p> <p>There is industrial works marked across the River Irwell until 1996 onwards when this area was re-developed after construction of Trinity Bridge.</p>                                                                                                                         | <ul style="list-style-type: none"> <li>• Deposition of Made Ground associated with construction of Trinity Bridge within 10m northwest of the site boundary.</li> <li>• Potential contamination from fuel/oil spills in areas of hardstanding for carparking.</li> </ul>                                                                                                                                                                                                            |
| 2006 – Present | <p><b>Site remains in similar layout to present day with no further construction or demolition on site.</b></p> <p>Redevelopment of the surrounding area continues, notably redevelopment along developing Bridge Street between 2006-2021 approximately 100m southwest of the site.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>• Potential for fuel/oil spills in hardstanding areas used for car parking.</li> </ul>                                                                                                                                                                                                                                                                                                                                                       |

Potential sources of onsite contamination are further discussed in *Section 6.0*.

Potential contaminants of concern are further discussed in *Section 7.1*.

## 4.0 Geology, Hydrogeology and Hydrology

### 4.1 Geology and Hydrogeology

A study of the Envirocheck (Ref. 1) Report and the British Geological Survey (BGS) 1:50,000 mapping records (Solid and Drift) for Manchester (Sheet 085) dated 2010 (Ref. 2) indicates the following geological and hydrogeological succession underlying the site:

**Table 4.1 – Geological/Hydrogeological Succession**

| Geology                                    | Associated Hydrogeological Classification |
|--------------------------------------------|-------------------------------------------|
| No Superficial Deposits Recorded           | N/A                                       |
| Chester Formation – Sandstone <sup>1</sup> | Principal Aquifer <sup>2</sup>            |

Notes:

1. Weathered, coarse grained typically well-cemented proximal facies to a fine-grained, less well-cemented distal facies. The gravel is composed of well-rounded pebbles, cobbles and boulders in a coarse to fine granulestone and silty sandstone matrix.
2. These are layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale. In most cases, principal aquifers are aquifers previously designated as major aquifer.

There are two BGS borehole records (Ref. 3) located within the site boundary, however these logs are illegible and do not advance past 5.33m. Two boreholes advanced to bedrock are present approximately 173m west. The relevant records are summarised in Table 4.2 below:

**Table 4.2 – BGS Borehole Records**

| Record Reference | Location (NGR)                             | Details (bottom to top of strata/details/thickness of strata)                      |
|------------------|--------------------------------------------|------------------------------------------------------------------------------------|
| SJ89NW3730       | Off site<br>172m north<br>(383330, 398310) | 0.00m to 2.00m bgl Inspection Pit: Drillers description (2.00m)                    |
|                  |                                            | 2.00m to 2.70m bgl Clayey silty SAND (0.70m)                                       |
|                  |                                            | 2.70m to 3.00m bgl Dense red SAND (0.20m)                                          |
|                  |                                            | 3.00m to 4.80m bgl Very weathered red SANDSTONE (1.80m)                            |
|                  |                                            | 4.80m to 8.00m bgl Moderate to strong SANDSTONE with thin weak bands (3.20m)       |
|                  |                                            | 8.00m to 8.50m bgl Strong SANDSTONE (0.50m)                                        |
|                  |                                            | 8.50m to 12.00m bgl Medium to strong SANDSTONE with slight weathering (3.50m)      |
|                  |                                            | 12.00m to 19.00m bgl Firm to strong SANDSTONE (7.00m)                              |
|                  |                                            | 19.00m to 20.00m bgl Hard SANDSTONE with thin soft bands (1.00m)                   |
|                  |                                            | 20.00m to 22.00m bgl Moderately strong SANDSTONE (2.00m)                           |
|                  |                                            | 22.00m to 45.15m bgl Strong SANDSTONE onto very strong SANDSTONE (23.15m)          |
|                  |                                            | 45.15m to 47.00m bgl Red coarse grained SANDSTONE (1.85m)                          |
|                  |                                            | 47.00m to 48.00m bgl Fine grained reddish grey SANDSTONE with strong bands (1.00m) |
|                  |                                            | 48.00m to 62.15m bgl Reddish grey MARL with occasional hard bands (14.15m)         |
|                  |                                            | 62.15m to 79.50m bgl Strong reddish grey MARL with sand bands (17.35m)             |
|                  |                                            | 79.50m to 105.0m bgl Strong SANDSTONE with small weathered bands (25.50m)          |
|                  |                                            | 105.0m to 110.15m bgl SANDSTONE with strong bands (5.15m)                          |

| Record Reference | Location (NGR)                            | Details<br>(bottom to top of strata/details/thickness of strata) |                                                                                    |
|------------------|-------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------|
|                  |                                           | 110.15m to 111.25m bgl                                           | Weak to very weak reddish brown calcareous MUDSTONE (Distinctly weathered) (5.15m) |
|                  |                                           | <b>111.25m bgl</b>                                               | <b>Borehole complete</b>                                                           |
| SJ89NW3734       | Off Site<br>173m west<br>(383320, 398330) | 0.00m to 0.20m bgl                                               | TOPSOIL (0.20m)                                                                    |
|                  |                                           | 0.20m to 2.80m bgl                                               | MADE GROUND: Sandy clay and brick fill (2.60m)                                     |
|                  |                                           | 2.80m to 3.80m bgl                                               | Weathered SANDSTONE (1.00m)                                                        |
|                  |                                           | 3.80m to 4.80m bgl                                               | Strong SANDSTONE (1.00m)                                                           |
|                  |                                           | 4.80m to 25.00m bgl                                              | Strong SANDSTONE with occasional thin bands of weathered marly clay (20.20m)       |
|                  |                                           | <b>25.00m bgl</b>                                                | <b>Borehole complete</b>                                                           |

BGS map records do not indicate the presence of Made Ground on site, however given the various phases of development including industrial previous land uses on site a thickness of made ground is anticipated.

BGS records show the site is not underlain by superficial deposits, however the site is underlain by weathered deposits of the Chester Formation (sandstone). It should be noted rockhead has been identified in the BGS recorded borehole logs within 200m of the site for the Chester Formation at a minimum depth of 3.80m bgl. Although one of the BGS recorded borehole logs recorded 'weathered red sandstone' it is considered that rockhead will likely encountered at minimum depths of 3.80m bgl.

The site is not situated within a Source Protection Zone (SPZ).

There are six groundwater abstraction points located within 500m of the site. There nearest being 169m southwest of the site is for industrial usage. There are three groundwater abstraction for potable water supplies located within 1km of the site. The nearest being 805m northeast of the site and is used by Interbrew UK Ltd.

#### 4.1.1 Mining

A review of the Coal Authority interactive mapping (Ref. 4) for the area indicates that the site is located within a Coal Mining Reporting Area, however it is not located within a Development High-Risk Area.

There are no recorded mine entries within 1km of the site.

There are no recorded coal workings and no probable coal workings within 1km of the site.

Consequently, the risk to development from historic coal mining is considered to be **Low**. No further actions are required to further assess the risk to development from historic coal mining.

There are no active or inactive BGS recorded mineral sites within 500m of the site.

#### **4.1.2 Other Ground Stability Issues**

The Envirocheck Report (Ref. 1) confirms that there is a no hazard to very low risk from the following ground stability hazards on the site; collapsible ground, compressible ground, ground dissolution, landslide ground and shrinking or swelling clay.

There is a low hazard potential for running sand.

#### **4.1.3 Ground Gas**

Given historic development and industrial land use on site and the details of the off-site BGS borehole records, it is very likely that thicknesses of Made Ground and demolition material may be present on site. Given the thicknesses anticipated, these soils may act as a source of gas generation including permanent hazardous gases (such as methane and carbon dioxide) and non-permanent gases (VOCs/SVOCs).

There are no BGS recorded landfill sites within 250m of the site. There are no historical landfill sites recorded within 500m of the site.

There are no potentially infilled land features within 250m of the site; both water and non-water features, and therefore there are no potentially gas generating features within influencing distance of the site.

The Envirocheck Report (Ref. 1) and BGS Radon Mapping (Ref. 5) confirms the site is situated in an area where <1% of homes are above the radon action level. Radon protection measures are therefore not considered necessary within the proposed development. However, where the new development incorporates a basement the advice of a specialist Radon assessor must be obtained.

### **4.2 Hydrology**

The nearest surface water feature identified by the Envirocheck report (Ref.1) is 1m to the north which is the River Irwell, river quality E with a southwest flow direction.

There are no recorded pollution incidents to controlled waters in the past 20 years within 1km.

There are no surface water abstractions within 1km.

There are three active discharge consents within 250m of the site and three within 250 to 500m from the site, all relate to United Utilities Water Ltd storm water overflow outages into the River Irwell.



## 5.0 Unexploded Ordnance Risk Assessment

Military activities including those conducted as part of both the First and Second World Wars have resulted in a legacy of unexploded ordnance (UXO) being present within the shallow soils of the UK.

UXO result from various sources including both allied (military training) and German (bombing raids) with a guide figure of approximately 10% of all munitions failing to function as designed.

The likelihood of UXO being encountered on a development site is influenced by several factors including; the proximity to strategic targets, the nature of the development works being undertaken and evidence of local damage in the post-war periods amongst others. To determine the likelihood of UXO being present on a site, a step-wise risk assessment process is followed. This process is outlined within CIRIA C681 Unexploded Ordnance: A Guide for the Construction Industry (Ref. 6) with the following commentary considered to represent a Preliminary Risk Assessment intended to guide if and where there is a requirement for a Detailed Risk Assessment.

This risk assessment and associated reports have been undertaken to advise on the risk level and health and safety requirements for Curtins ground investigation works only. Any contractors undertaking future excavations of site should undertake their own risk assessments in accordance with CDM.

### 5.1 UXO Assessment

Risk mapping (Ref. 7) for UXO's has placed the site in a **High** risk area. High-risk regions are those with a bombing density of greater than 50 bombs per 1000 acres.

A review of the available historic mapping has identified the presence several ruins and features indicative of bomb damage following WWII directly on site and within 150m of the site boundary.

A review of available online bomb damage mapping for Manchester (Ref. 8) shows bombing damage 150m west and south and 50m east. 7 bombs were recorded within 150m of the site, as shown below.



**Figure 5.1** – Approximate site boundary shown in pink. Red circles indicate high explosive bomb hits, blue circles indicate firebomb hits, pink shading for damaged buildings, red shading for demolished buildings.



Considering the above, the initial appraisal has identified an elevated risk of encountering potential UXO as part of future intrusive works and a Detailed UXO Risk Assessment has been obtained from 1st Line Defence to further establish the risk for Curtins ground investigation works, which is presented in Appendix C

The finding of the Detailed UXO Risk Assessment have been summarised below:

- In summary, multiple H.E. and incendiary bombing incidents were reported within the vicinity of the site, and post-WWII OS mapping, photography, and damage mapping appear to confirm the site sustained significant damage as a result. Furthermore, it is anticipated both access and groundcover would have reduced following bombing incidents and damage, which may increase the likelihood that indicators of UXO would have been obscured and missed. As a result of these factors, the risk of German aerial delivered and anti-aircraft UXO on site has been assessed as **Medium**.
- There is no evidence that the site formerly had any military occupation or usage that could have led to contamination with items of Allied ordnance, such as LSA and SAA. The conditions in which HAA or LAA projectiles may have fallen unnoticed within the site boundary are however analogous to those regarding aerial delivered ordnance. The risk from Allied LSA/SAA unexploded ordnance on site has been assessed as **Negligible**.
- It appears the site and general area underwent significant development in the post-war era – the roadways were reconfigured, and the surrounding area redeveloped. The building on site currently appears to have been constructed in the late 1970s/early 1980s. The risk of UXO remaining is considered to be mitigated at the location of and down to the depth of any post-war redevelopment on site. For example, the risk from deep buried UXO will only have been mitigated within the volumes of any post-war pile foundations or deep excavations for basement levels.

Based on the findings of the Detailed UXO Risk Assessment, 1<sup>st</sup> Line Defence have provided the following risk mitigation measures for the site:

A UXO Risk Management Plan and Site Specific UXO Awareness Briefings must be provided to all personnel conducting intrusive works. All intrusive ground investigation on site will require supervision by a UXO specialist. All boreholes and pile locations will require Intrusive Magnetometer Survey down to maximum bomb penetration depth.

If unexploded ordnance is discovered during any works, stop immediately, prevent access to the area, and inform the police. If the site boundary or location changes then the UXO risk should be reassessed.

## 6.0 Conceptual Site Model & Qualitative Risk Assessment

The Conceptual Site Model (CSM) and Qualitative Risk Assessment (QRA) are presented in the table within this section.

The CSM details the source-pathway-receptor linkages or potential pollutant linkages (PPL) that have been identified for the site. The QRA details the associated level of risk relating to these potential pollutant linkages.

The CSM and QRA concern risk to human health and water environment with additional, more specific risk assessment protocols contained within the main body of this reporting, as detailed in *Section 6.1* below.

The QRA follows the framework outlined within CIRIA C552 (Ref. 9) which is summarised within *Appendix C*.

The 'risk rating' within the QRA refers to the risk that the source, pathway, receptor linkage or PPL is complete. Unless specifically stated it does not necessarily refer to an immediate risk and is intended to be used as a tool to assess the necessity for further assessment/investigation.

### 6.1 Additional Risk Assessments

The following risk assessments, listed below, are not included within the main CSM and QRA but nonetheless can be of critical importance to the onward development of the site:

- The risk presented by Mining is discussed and assessed in *Section 4.1.1*.
- The risk presented by Radon is discussed and assessed in *Section 4.1.3*.
- The risk presented by Unexploded Ordnance is discussed and assessed in *Section 5.0*.

Under current health and safety legislation, employers are required to carry out their own appropriate risk assessments and mitigation to protect themselves and their employees, other human receptors and the environment from potential contamination. Such risks must be adequately mitigated by law, specifically the Construction Design Management (CDM) Regulations, 2015 (Ref. 10) which require that potential risks to human health and the environment from construction activities are appropriately identified and all necessary steps taken to eliminate / manage that risk. It has been assumed that any future construction works on site will be undertaken in compliance with these requirements.

## Qualitative Risk Assessment

## Generic Quantitative Risk Assessment

## Detailed Quantitative Risk Assessment or; Remedial Action

- The table below represents the first stage in the land quality risk assessment process: The Qualitative Risk Assessment.
- For a development site to be deemed 'suitable for use', the level of risk needs to be brought down to acceptable levels, i.e. low to very low risk. The purpose of each stage of risk assessment is ultimately to establish, if there is a requirement for additional levels of assessment to be made to have sufficient confidence to support a risk characterisation or management decision, e.g. remedial action.
- In the absence of specific site data, a Generic Quantitative Risk Assessment is invariably recommended.

| Conceptual Site Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                  |                                                                                                                                                                                                                         | Qualitative Risk Assessment                             |                                                                                                                                                                                                                                                                                                                                                                                                            |                 | Recommended Actions                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------|
| Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Pathway(s)                                                                                                                                                                                                                       | Receptor(s)                                                                                                                                                                                                             | Consequence                                             | Likelihood of Occurrence                                                                                                                                                                                                                                                                                                                                                                                   | Risk Rating     |                                                                                                 |
| Significant sources of on-site contamination: <ul style="list-style-type: none"> <li>Made Ground of unknown composition from uncontrolled deposition of materials associated with previous phases of development including construction and demolition of metal works and gas works, all warehouse buildings and Alberton House buildings on site, including asbestos from buildings demolished pre-2000.</li> <li>Potential for gross contamination arising from historic industrial land use of the site associated with the metal works (copper/brass) and gas works.</li> <li>Potential for contaminants associated with the site's use as a car parks, including fuels and oil leaks/spills.</li> </ul> | Direct contact, ingestion, inhalation (dust and vapours)                                                                                                                                                                         | <b>End-user of site</b><br>(Property end-users)<br><b>&amp; Construction Workers</b>                                                                                                                                    | <b>Medium</b><br>Chronic health risk                    | <b>Likely</b><br>Based on the site's various cycles of development including historical industrial use as a metal works and later warehouses and part (south) of the site a gas works, the likelihood of encountering contamination in the Made Ground is considered to be likely.<br>Likelihood of construction workers coming into contact with contamination on site can be reduced by appropriate PPE. | <b>Moderate</b> | <b>Generic Quantitative Risk Assessment</b><br>Recommended as part of the ground investigation. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Vertical migration through the superficial deposits (soils)<br>May occur due to existing service corridors and physical processes including; capillary action and downwards flow into the natural deposits through infiltration. | <b>Controlled Waters (Groundwater)</b><br>Principal Aquifer (Chester Formation)<br>There are 3 active potable groundwater abstraction points within 1km.<br>The site is not within a designated Source Protection Zone. | <b>Medium</b><br>Pollution of sensitive water resources | <b>Likely</b><br>Taking into account the site history as well as the potable groundwater abstractions within 1km, and the lack of superficial deposits overlying the bedrock, it is considered likely that potential contamination in soils would negatively impact the Principal Aquifer.                                                                                                                 | <b>Moderate</b> | <b>Generic Quantitative Risk Assessment</b><br>Recommended as part of the ground investigation. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Horizontal migration over and through the superficial deposits (soils)                                                                                                                                                           | <b>Controlled Waters (Surface Water)</b><br>Nearest surface water feature is the River Irwell located 1m north of the site.<br>No surface water abstraction points within 1km.                                          | <b>Medium</b><br>Pollution of sensitive water resources | <b>Likely</b><br>Considering the site's history as well as the close distance from the site to the nearest sensitive surface water receptor, this pathway is considered likely.                                                                                                                                                                                                                            | <b>Moderate</b> | <b>Generic Quantitative Risk Assessment</b><br>Recommended as part of the ground investigation. |
| Significant sources of ground gas: <ul style="list-style-type: none"> <li>Potential for unknown thickness of Made Ground and demolition material on site. Potential VOCs and putrescible material within made ground. sources of ground gas.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Vertical and horizontal migration through existing service corridors and the underlying superficial deposits                                                                                                                     | <b>End-user of site</b><br>(Property end-users)                                                                                                                                                                         | <b>Medium</b><br>Human health risk                      | <b>Likely</b><br>Unknown thickness of made ground present                                                                                                                                                                                                                                                                                                                                                  | <b>Moderate</b> | <b>Generic Quantitative Risk Assessment</b><br>Recommended as part of the ground investigation. |

## 7.0 Conclusion and Recommendations

The qualitative risk assessment (QRA) determined a varied level of level of risk associated with the proposed development.

The QRA concluded by recommending that generic quantitative risk assessments (GQRA) were conducted to confirm the assessment of risk ascribed to each of the respective potential pollutant linkages (PPLs). It is recommended that the GQRA is conducted as part of a ground investigation in support of the engineering design of the proposed development.

In summary, the following recommendations are made:

- Undertake an intrusive ground investigation;
- Undertake a GQRA as part of the ground investigation;
- Undertake ground gas monitoring over a period of three months for potential hazardous gases; and
- Provide UXO risk mitigation measures for GI works.

It is further recommended that the site investigation works are completed in advance of any development works taking place.

### 7.1 Contaminants of Concern

Potential contaminants of concern associated with the various contamination sources including former gas works, brass and copper works, various warehouses and nearby garages (further identified within the Conceptual Site Model in *Section 6.0* of this reporting), include but are not limited to: broad range aliphatic and aromatic hydrocarbons present within any fuel oils; polycyclic aromatic hydrocarbons (PAHs); inorganic compounds including heavy metals; toxic metals, phytotoxic metals, sulphate, sulphur, sulphide, cyanide compounds (total, free, complex thiocyanate), ammonium compounds, phenols, VOCs, SVOCs and asbestos present in discarded building materials.

Potential contaminants associated with airborne dust/particulates include but are not limited to: polycyclic aromatic hydrocarbons and inorganic compounds including toxic metals, phytotoxic metals, cyanide (total, free, complex thiocyanate), and asbestos in discarded building materials.

### 7.2 Other Considerations

Considering the historical uses of the site there is potential for underground obstructions beneath the site which may present geotechnical as well as geo-environmental constraints. Its I possible that infrastructure associated with the former gas works may remain beneath the south of the site including pipework and buried gas holders.

The requirement for additional surveys, e.g. asbestos surveys of existing building, arboricultural and ecological surveys, should be confirmed through advice from a suitably qualified and experienced professional.

## 8.0 References

1. Landmark (2021) Envirocheck Report (report no. 283717644\_1\_1).
2. British Geological Survey (BGS) Solid and Drift Editions (2010) 1:50,000 mapping, Sheet No. 085 (Manchester).
3. BGS Geology of Britain Viewer [online], <http://mapapps.bgs.ac.uk/geologyofbritain/home.html> (accessed August 2021).
4. Coal Authority Interactive Map Viewer [online], <http://mapapps2.bgs.ac.uk/coalauthority/home.html> (accessed August 2021).
5. UK Maps of Radon [online], <http://www.ukradon.org/information/ukmaps> (accessed August 2021).
6. CIRIA (2009) Unexploded Ordnance: A Guide for the Construction Industry (report no. C681).
7. Zetica Regional Unexploded Bomb Risk map [online], <https://zeticauxo.com/downloads-and-resources/risk-maps/> (accessed August 2021).
8. The University of Manchester [online], [https://luna.manchester.ac.uk/luna/servlet/detail/maps002~1~1~342570~123254?sort=reference\\_number%2Ctitle&qvq=q:bomb%20damage;sort:reference\\_number%2Ctitle;lc:maps002~1~1&mi=11&trs=49](https://luna.manchester.ac.uk/luna/servlet/detail/maps002~1~1~342570~123254?sort=reference_number%2Ctitle&qvq=q:bomb%20damage;sort:reference_number%2Ctitle;lc:maps002~1~1&mi=11&trs=49) (accessed August 2021)
9. CIRIA (2001) Contaminated Land Risk Assessment. A guide to good practice (report no. C552).
10. Health and Safety Executive (2015) Construction (Design and Management) Regulations.

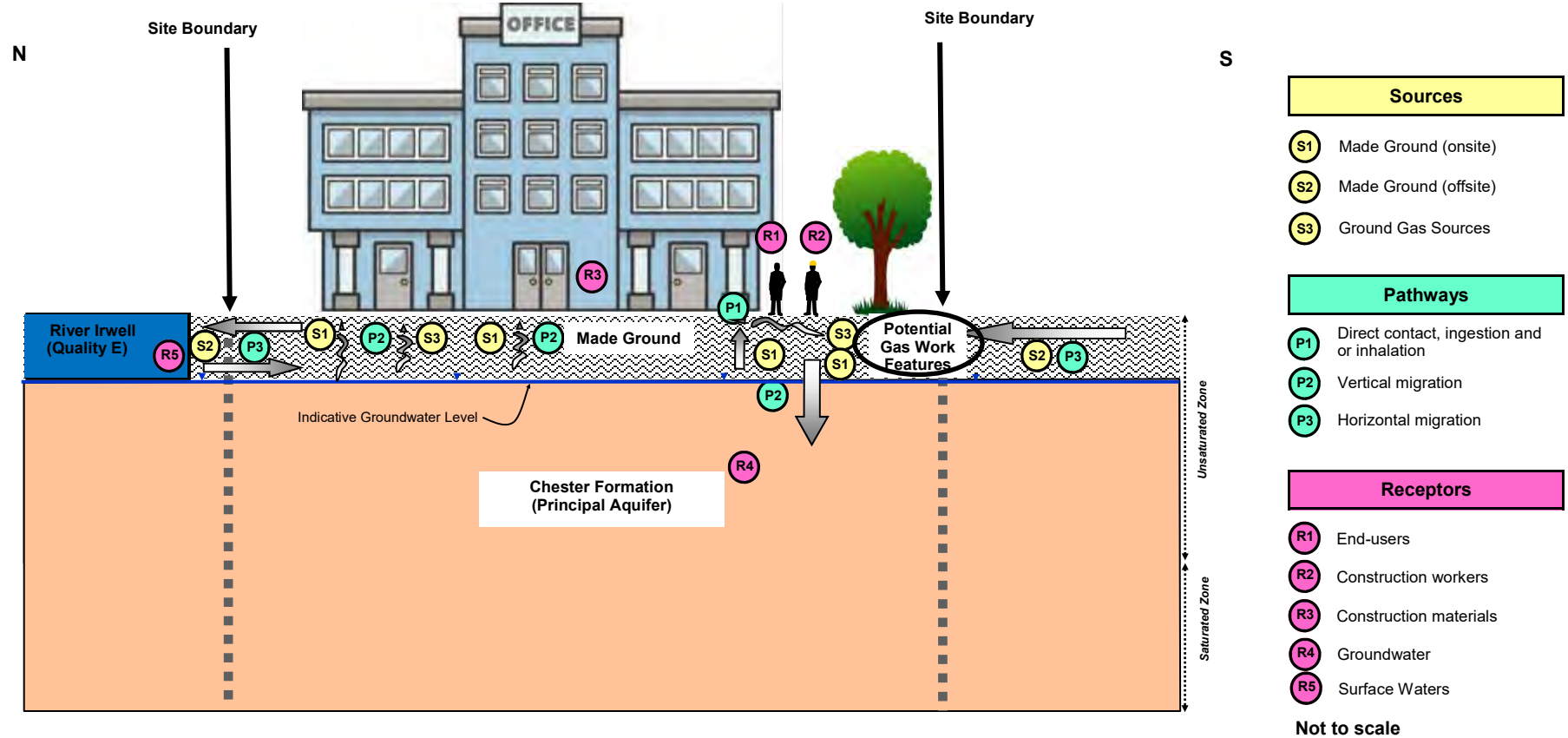


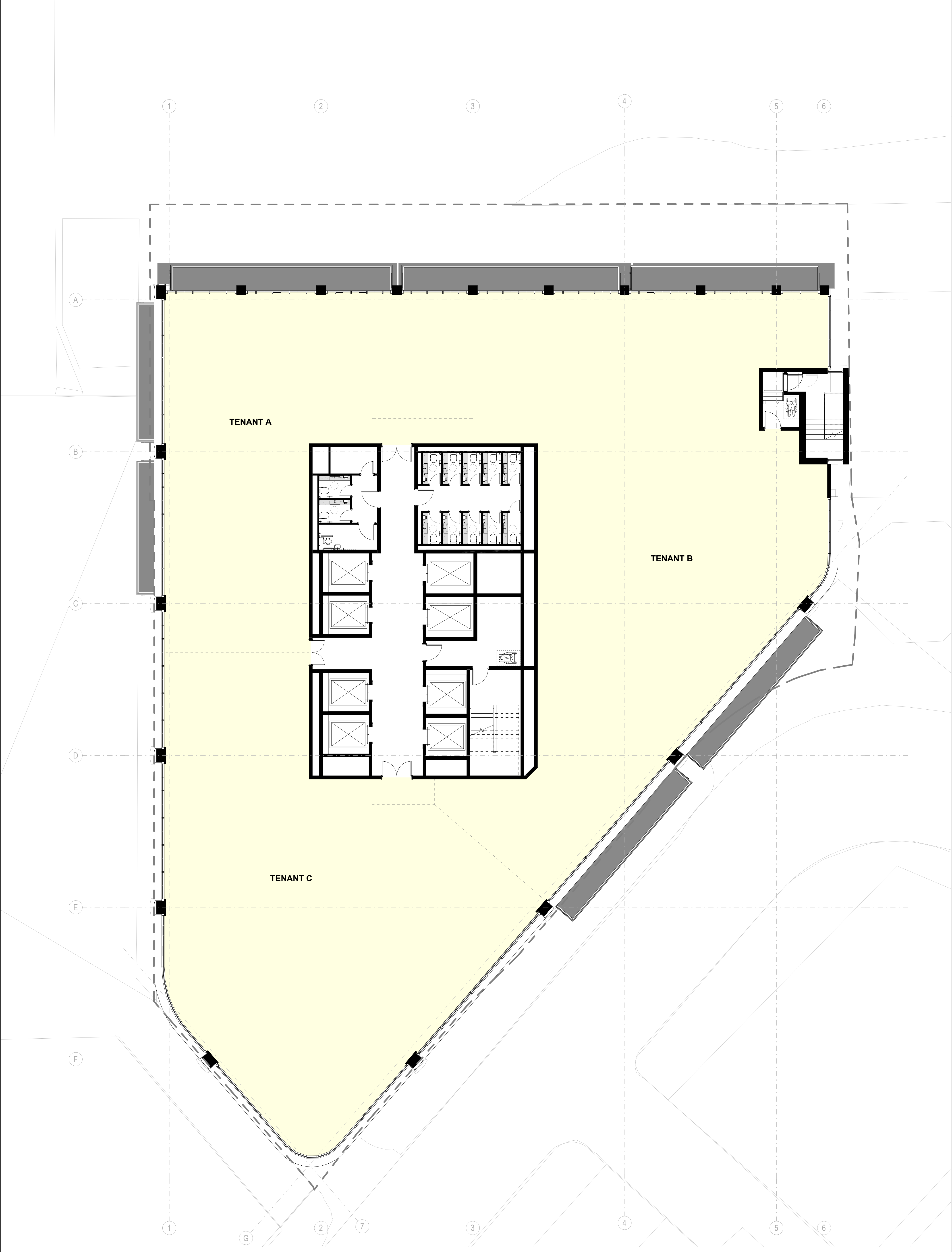
## Appendix A Drawings

- Curtins, *Conceptual Site Model*, ref. 077764-CUR-00-XX-DR-GE-001-V01, dated August 2021
- Development Plans

# **Alberton House**

Proposed Multistorey Mixed Use Commerical Development Block





Keyplan

North

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1 0 1 2 3 4 5  
SCALE 1:100 m

**DRAFT**

| No. | Revision                                | Date     | Initial | Chk'd |
|-----|-----------------------------------------|----------|---------|-------|
| P03 | New build scheme issued for information | 16.07.21 | DH      | ELC   |
| P02 | Floor levels amended                    | 14.05.21 | DH      | ELC   |
| P01 | Draft Issue for Information             | 12.05.21 | DH      | ELC   |

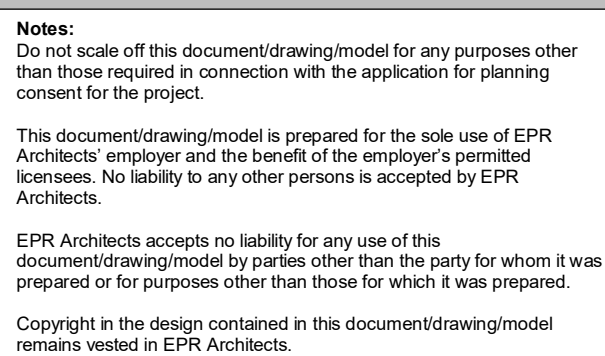
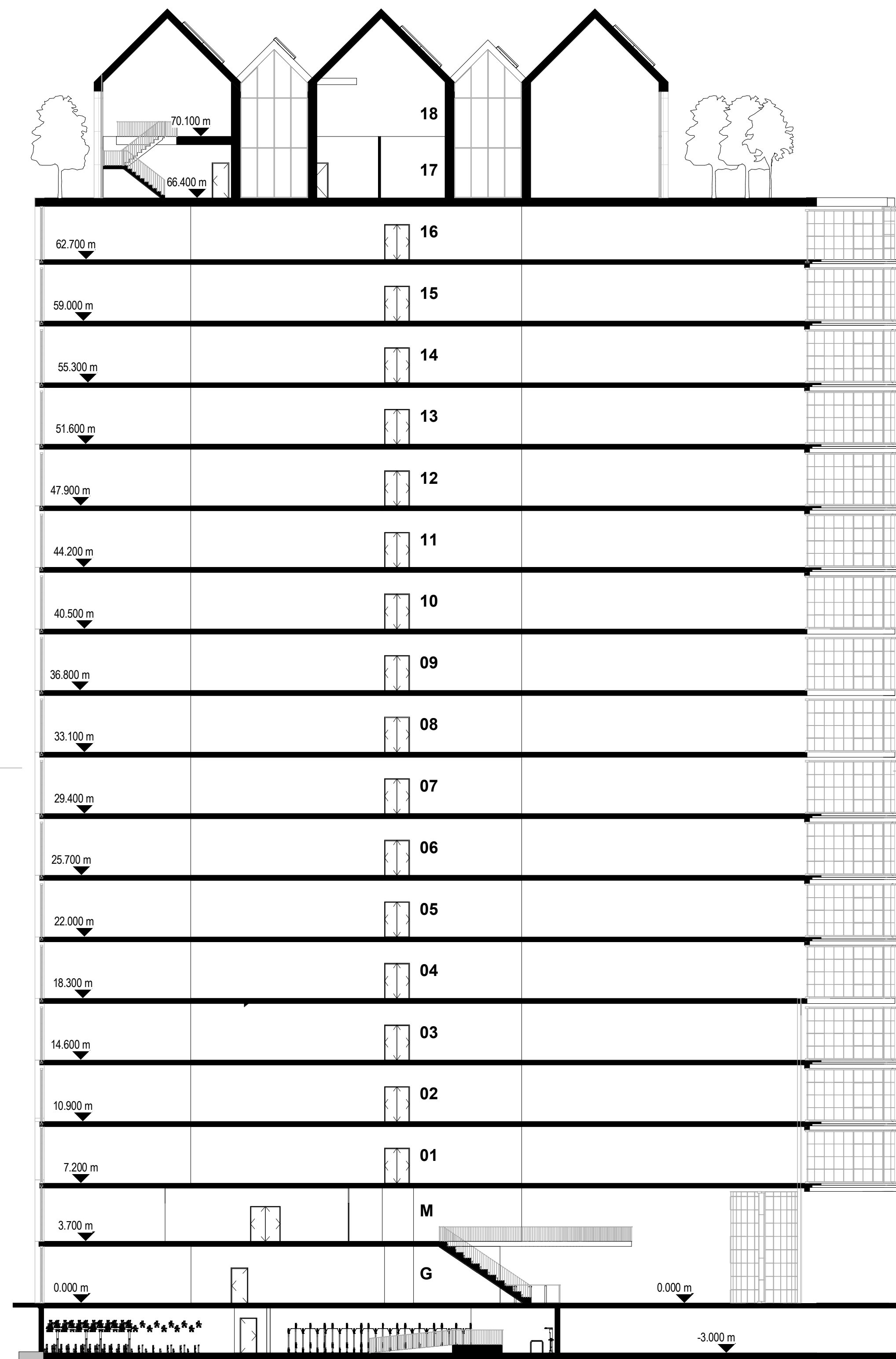
| Scale @A1 |             | Status | Suitability | Revision |
|-----------|-------------|--------|-------------|----------|
| 1 : 100   | Preliminary |        | S2          | P03      |

| Project Code                            | Originator | Zone | Level | Type | Role | Class | Number |
|-----------------------------------------|------------|------|-------|------|------|-------|--------|
| ALBH - EPR - 00 - 08 - DR - A - 02-1511 |            |      |       |      |      |       |        |

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EPR Project No 11343





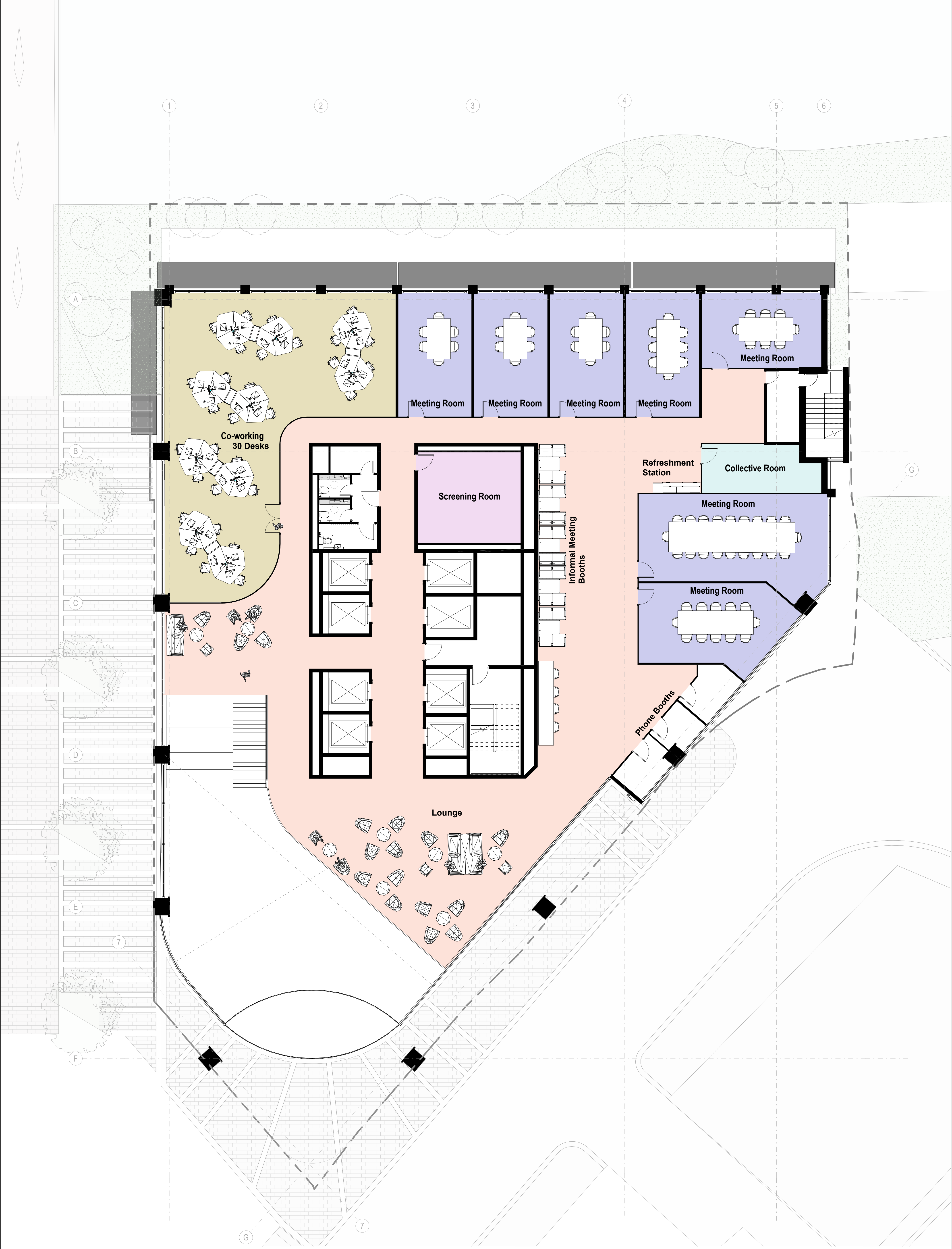
**DRAFT**

|                               |                                         |             |                |              |                            |
|-------------------------------|-----------------------------------------|-------------|----------------|--------------|----------------------------|
| P03                           | New build scheme issued for information | 16.07.21    | DH             | ELC          | 1:200 Preliminary S2 - P03 |
| P02                           | Floor levels amended                    | 14.05.21    | DH             | ELC          |                            |
| P01                           | Draft issue for information             | 12.05.21    | DH             | ELC          |                            |
| <b>No.</b>                    | <b>Revision</b>                         | <b>Date</b> | <b>Initial</b> | <b>Chk'd</b> |                            |
| ALBH - EPR-00-AA-DR-A-05-1500 |                                         |             |                |              |                            |



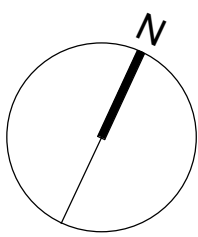






Keyplan

North



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SCALE 1:100 m

**DRAFT**

|     |                                         |          |    |     |
|-----|-----------------------------------------|----------|----|-----|
| P04 | New build scheme issued for information | 16.07.21 | DH | ELC |
| P03 | Core Updated                            | 09.06.21 | DH | ELC |
| P02 | Floor levels amended                    | 14.05.21 | DH | ELC |
| P01 | Draft Issue for Information             | 12.05.21 | DH | ELC |

|      |         |       |
|------|---------|-------|
| Date | Initial | Chk'd |
|      |         |       |

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Proposed Mezzanine Floor Plan

Scale @A1 Status Suitability Revision  
1:100 Preliminary S2 - P04

| Project Code                            | Originator | Zone | Level | Type | Role | Class | Number |
|-----------------------------------------|------------|------|-------|------|------|-------|--------|
| ALBH - EPR - 00 - M1 - DR - A - 02-1501 |            |      |       |      |      |       |        |

## Appendix B      Envirocheck Report



## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

283717644\_1\_1

**Customer Reference:**

077764

**National Grid Reference:**

383490, 398420

**Slice:**

A

**Site Area (Ha):**

0.19

**Search Buffer (m):**

1000

#### Site Details:

Alberton House

30

St Mary's Parsonage

MANCHESTER

M3 2WJ

#### Client Details:

Mr T Walker

Curtins Consulting Ltd

Merchant Exchange

17-19 Whitworth Street West

Manchester

M1 5WG

| Report Section        | Page Number |
|-----------------------|-------------|
| Summary               | -           |
| Agency & Hydrological | 1           |
| Waste                 | 57          |
| Hazardous Substances  | -           |
| Geological            | 61          |
| Industrial Land Use   | 68          |
| Sensitive Land Use    | 125         |
| Data Currency         | 126         |
| Data Suppliers        | 133         |
| Useful Contacts       | 134         |

## Introduction

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

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## Report Version v53.0

| Data Type                                                     | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Agency &amp; Hydrological</b>                              |             |         |           |             |                             |
| BGS Groundwater Flooding Susceptibility                       | pg 1        | Yes     | Yes       | Yes         | n/a                         |
| Contaminated Land Register Entries and Notices                |             |         |           |             |                             |
| Discharge Consents                                            | pg 3        |         | 17        | 12          | 81                          |
| Prosecutions Relating to Controlled Waters                    |             |         | n/a       | n/a         | n/a                         |
| Enforcement and Prohibition Notices                           | pg 30       |         |           | 1           |                             |
| Integrated Pollution Controls                                 |             |         |           |             |                             |
| Integrated Pollution Prevention And Control                   | pg 31       |         |           |             | 1                           |
| Local Authority Integrated Pollution Prevention And Control   |             |         |           |             |                             |
| Local Authority Pollution Prevention and Controls             | pg 31       |         | 1         | 2           | 6                           |
| Local Authority Pollution Prevention and Control Enforcements |             |         |           |             |                             |
| Nearest Surface Water Feature                                 | pg 32       |         | Yes       |             |                             |
| Pollution Incidents to Controlled Waters                      | pg 32       |         | 5         | 1           | 11                          |
| Prosecutions Relating to Authorised Processes                 |             |         |           |             |                             |
| Registered Radioactive Substances                             | pg 35       |         | 1         |             |                             |
| River Quality                                                 | pg 35       | 1       |           | 1           | 1                           |
| River Quality Biology Sampling Points                         |             |         |           |             |                             |
| River Quality Chemistry Sampling Points                       | pg 36       |         |           |             | 1                           |
| Substantiated Pollution Incident Register                     |             |         |           |             |                             |
| Water Abstractions                                            | pg 36       |         | 2         | 4           | 20 (*19)                    |
| Water Industry Act Referrals                                  |             |         |           |             |                             |
| Groundwater Vulnerability Map                                 | pg 48       | Yes     | n/a       | n/a         | n/a                         |
| Groundwater Vulnerability - Soluble Rock Risk                 |             |         | n/a       | n/a         | n/a                         |
| Groundwater Vulnerability - Local Information                 |             |         | n/a       | n/a         | n/a                         |
| Bedrock Aquifer Designations                                  | pg 48       | Yes     | n/a       | n/a         | n/a                         |
| Superficial Aquifer Designations                              | pg 48       | Yes     | n/a       | n/a         | n/a                         |
| Source Protection Zones                                       | pg 48       |         |           |             | 1                           |
| Extreme Flooding from Rivers or Sea without Defences          | pg 48       | Yes     |           | n/a         | n/a                         |
| Flooding from Rivers or Sea without Defences                  | pg 48       | Yes     | 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 48       |         | 1         | 8           | 58                          |

| Data Type                                                           | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---------------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Waste</b>                                                        |             |         |           |             |                             |
| BGS Recorded Landfill Sites                                         |             |         |           |             |                             |
| Historical Landfill Sites                                           | pg 57       |         |           |             | 2                           |
| Integrated Pollution Control Registered Waste Sites                 |             |         |           |             |                             |
| Licensed Waste Management Facilities (Landfill Boundaries)          |             |         |           |             |                             |
| Licensed Waste Management Facilities (Locations)                    | pg 57       |         |           |             | 1                           |
| Local Authority Landfill Coverage                                   |             | 1       | n/a       | n/a         | n/a                         |
| Local Authority Recorded Landfill Sites                             |             |         |           |             |                             |
| Potentially Infilled Land (Non-Water)                               | pg 57       |         |           |             | 2                           |
| Potentially Infilled Land (Water)                                   | pg 57       |         |           |             | 26                          |
| Registered Landfill Sites                                           |             |         |           |             |                             |
| Registered Waste Transfer Sites                                     | pg 59       |         |           | 1           | 2                           |
| Registered Waste Treatment or Disposal Sites                        | pg 60       |         |           |             | 2                           |
| <b>Hazardous Substances</b>                                         |             |         |           |             |                             |
| Control of Major Accident Hazards Sites (COMAH)                     |             |         |           |             |                             |
| Explosive Sites                                                     |             |         |           |             |                             |
| Notification of Installations Handling Hazardous Substances (NIHHS) |             |         |           |             |                             |
| Planning Hazardous Substance Consents                               |             |         |           |             |                             |
| Planning Hazardous Substance Enforcements                           |             |         |           |             |                             |

| Data Type                                                         | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|-------------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Geological</b>                                                 |             |         |           |             |                             |
| BGS 1:625,000 Solid Geology                                       | pg 61       | Yes     | n/a       | n/a         | n/a                         |
| BGS Estimated Soil Chemistry                                      | pg 61       | Yes     |           | Yes         | Yes                         |
| BGS Recorded Mineral Sites                                        |             |         |           |             |                             |
| BGS Urban Soil Chemistry                                          | pg 64       |         | Yes       | Yes         | Yes                         |
| BGS Urban Soil Chemistry Averages                                 | pg 66       | Yes     |           |             |                             |
| CBSCB Compensation District                                       |             |         | n/a       | n/a         | n/a                         |
| Coal Mining Affected Areas                                        | pg 67       | Yes     | n/a       | n/a         | n/a                         |
| Mining Instability                                                |             |         | n/a       | n/a         | n/a                         |
| Man-Made Mining Cavities                                          |             |         |           |             |                             |
| Natural Cavities                                                  |             |         |           |             |                             |
| Non Coal Mining Areas of Great Britain                            |             |         |           | n/a         | n/a                         |
| Potential for Collapsible Ground Stability Hazards                | pg 67       | 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 67       | Yes     |           | n/a         | n/a                         |
| Potential for Running Sand Ground Stability Hazards               | pg 67       | Yes     | Yes       | n/a         | n/a                         |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards |             |         |           | 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                         |
| <b>Industrial Land Use</b>                                        |             |         |           |             |                             |
| Contemporary Trade Directory Entries                              | pg 68       |         | 41        | 111         | 296                         |
| Fuel Station Entries                                              |             |         |           |             |                             |
| Points of Interest - Commercial Services                          | pg 106      |         | 9         | 19          | 35                          |
| Points of Interest - Education and Health                         | pg 111      |         |           |             | 1                           |
| Points of Interest - Manufacturing and Production                 | pg 111      |         | 5         | 22          | 90                          |
| Points of Interest - Public Infrastructure                        | pg 121      |         |           | 4           | 32                          |
| Points of Interest - Recreational and Environmental               | pg 124      |         |           |             | 6                           |
| Gas Pipelines                                                     |             |         |           |             |                             |
| Underground Electrical Cables                                     |             |         |           |             |                             |



| Data Type                            | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|--------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Sensitive Land Use</b>            |             |         |           |             |                             |
| Ancient Woodland                     |             |         |           |             |                             |
| Areas of Adopted Green Belt          |             |         |           |             |                             |
| Areas of Unadopted Green Belt        |             |         |           |             |                             |
| Areas of Outstanding Natural Beauty  |             |         |           |             |                             |
| Environmentally Sensitive Areas      |             |         |           |             |                             |
| Forest Parks                         |             |         |           |             |                             |
| Local Nature Reserves                |             |         |           |             |                             |
| Marine Nature Reserves               |             |         |           |             |                             |
| National Nature Reserves             |             |         |           |             |                             |
| National Parks                       |             |         |           |             |                             |
| Nitrate Sensitive Areas              |             |         |           |             |                             |
| Nitrate Vulnerable Zones             | pg 125      |         |           | 1           | 1                           |
| 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              |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NE (E)                              | 0                            | 1       | 383500<br>398420 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (N)                              | 0                            | 1       | 383489<br>398450 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NE (NE)                             | 0                            | 1       | 383489<br>398420 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (N)                              | 49                           | 1       | 383489<br>398500 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (W)                              | 65                           | 1       | 383400<br>398450 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (NE)                             | 70                           | 1       | 383550<br>398500 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SW (W)                              | 71                           | 1       | 383400<br>398400 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NE (NE)                             | 111                          | 1       | 383550<br>398550 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (W)                              | 118                          | 1       | 383350<br>398400 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SW (SW)                             | 137                          | 1       | 383350<br>398350 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (NE)                             | 141                          | 1       | 383600<br>398550 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (N)                              | 149                          | 1       | 383489<br>398600 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NW (NW)                             | 201                          | 1       | 383300<br>398550 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (NE)                             | 211                          | 1       | 383650<br>398600 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NW (N)                              | 223                          | 1       | 383400<br>398650 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NW (W)                              | 223                          | 1       | 383250<br>398500 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (W)                              | 229                          | 1       | 383250<br>398350 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (NW)                             | 243                          | 1       | 383250<br>398550 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NW (NW)                             | 244                          | 1       | 383350<br>398650 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (SW)                             | 249                          | 1       | 383250<br>398300 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NE (NE)                             | 249                          | 1       | 383650<br>398650 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NW (N)                              | 254                          | 1       | 383450<br>398700 |

| Map ID | Details                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NW (W)                              | 264                          | 1       | 383200<br>398450 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SW (SW)                             | 264                          | 1       | 383300<br>398200 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (NE)                             | 282                          | 1       | 383700<br>398650 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SW (S)                              | 289                          | 1       | 383450<br>398100 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (SW)                             | 295                          | 1       | 383200<br>398300 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NE (N)                              | 299                          | 1       | 383489<br>398750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (N)                              | 303                          | 1       | 383450<br>398750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (SW)                             | 315                          | 1       | 383200<br>398250 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NE (N)                              | 315                          | 1       | 383600<br>398750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (NE)                             | 319                          | 1       | 383700<br>398700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (NE)                             | 319                          | 1       | 383750<br>398650 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A8NE (S)                               | 336                          | 1       | 383489<br>398050 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A18SE (N)                              | 349                          | 1       | 383489<br>398800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A18SE (N)                              | 349                          | 1       | 383500<br>398800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (NE)                             | 353                          | 1       | 383750<br>398700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (SW)                             | 361                          | 1       | 383150<br>398250 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A8NE (S)                               | 389                          | 1       | 383550<br>398000 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NE (NE)                             | 390                          | 1       | 383800<br>398700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A18SE (N)                              | 399                          | 1       | 383500<br>398850 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A8NE (S)                               | 399                          | 1       | 383600<br>398000 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A18SE (NE)                             | 402                          | 1       | 383700<br>398800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A12SE (W)                              | 415                          | 1       | 383050<br>398400 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A13NE (NE)                             | 423                          | 1       | 383800<br>398750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A12SE (SW)                             | 427                          | 1       | 383100<br>398200 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A14NW (NE)                             | 460                          | 1       | 383850<br>398750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A18SE (NE)                             | 460                          | 1       | 383800<br>398800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A8NE (S)                               | 462                          | 1       | 383650<br>397950 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A12SE (W)                              | 464                          | 1       | 383000<br>398400 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A18SE (N)                              | 473                          | 1       | 383650<br>398900 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A8NE (S)                               | 489                          | 1       | 383550<br>397900 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A18SE (NE)                             | 491                          | 1       | 383700<br>398900 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A19SW (NE)                             | 494                          | 1       | 383850<br>398800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A12SE (SW)                             | 495                          | 1       | 383050<br>398150 |
| 1      | <b>Discharge Consents</b><br>Operator: Acroy Ltd<br>Property Type: Undefined Or Other<br>Location: Chapel Wharf, Dearmans Place, Salford, Manchester, M3 5lh<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993796<br>Permit Version: 1<br>Effective Date: 22nd June 2005<br>Issued Date: 22nd June 2005<br>Revocation Date: 10th June 2008<br>Discharge Type: Trade Effluent Discharge-Site Drainage<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Via Ditch To River Irwell<br><b>Status:</b> New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)<br>Positional Accuracy: Located by supplier to within 10m                | A13NE (N)                              | 75                           | 2       | 383530<br>398520 |
| 2      | <b>Discharge Consents</b><br>Operator: Bovis Lend Lease Limited<br>Property Type: Trade (Unknown/Other)<br>Location: Manchester Civil Justice Centre, Gartside Street, Manchester, M3 3el<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993601<br>Permit Version: 1<br>Effective Date: 1st January 2007<br>Issued Date: 5th October 2004<br>Revocation Date: 25th April 2006<br>Discharge Type: Trade Discharges - Cooling Water<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: River Irwell<br><b>Status:</b> New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)<br>Positional Accuracy: Located by supplier to within 10m | A13SW (SW)                             | 137                          | 2       | 383350<br>398350 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 2      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bridge Street Cso 4 Bridge Street, ., ., Manchester, M3 3er<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982898<br>Permit Version: 4<br>Effective Date: 1st April 2018<br>Issued Date: 19th March 2018<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                                         | A13SW (W)                              | 138                          | 2       | 383340<br>398371 |
| 2      | <b>Discharge Consents</b><br>Operator: United Utilities Water Plc (?)<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bridge St West Cso (281f9) Manchester, ., ., Greater Manchester, M60 9dj<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993550<br>Permit Version: 2<br>Effective Date: 26th November 2020<br>Issued Date: 26th November 2020<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: The River Irwell<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                       | A13SW (W)                              | 141                          | 2       | 383337<br>398370 |
| 2      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bridge Street Cso 4 Bridge Street, ., ., Manchester, M3 3er<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 016982898<br>Permit Version: 3<br>Effective Date: 14th November 1995<br>Issued Date: Not Supplied<br>Revocation Date: 31st March 2018<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br>Positional Accuracy: Located by supplier to within 100m | A13SW (W)                              | 152                          | 2       | 383330<br>398360 |
| 2      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bridge Street Cso 4 Bridge Street, ., ., Manchester, M3 3er<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982898<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: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 10m                                                         | A13SW (W)                              | 152                          | 2       | 383330<br>398360 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 2      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bridge Street Cso 4 Bridge Street, ., ., Manchester, M3 3er<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982898<br>Permit Version: 2<br>Effective Date: 11th May 1995<br>Issued Date: Not Supplied<br>Revocation Date: 13th November 1995<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                                   | A13SW (W)                              | 152                          | 2       | 383330<br>398360 |
| 2      | <b>Discharge Consents</b><br>Operator: United Utilities Water Plc (?)<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bridge St West Cso (281f9) Manchester, ., ., Greater Manchester, M60 9dj<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993550<br>Permit Version: 1<br>Effective Date: 12th April 2006<br>Issued Date: 12th April 2006<br>Revocation Date: 25th November 2020<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: The River Irwell<br><b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m | A13SW (W)                              | 161                          | 2       | 383320<br>398360 |
| 2      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bridge St West Cso (281f9) Manchester, ., ., Greater Manchester, M60 9dj<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 01MAN0174<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: 1st January 1995<br>Revocation Date: 11th April 2006<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Consent revoked or revised: New Consent issued (Section 37(1))</b><br>Positional Accuracy: Located by supplier to within 100m                                              | A13SW (W)                              | 161                          | 2       | 383320<br>398360 |
| 2      | <b>Discharge Consents</b><br>Operator: The Lord Chancellor<br>Property Type: Undefined Or Other<br>Location: Manchester Civil Justice Centre, Gartside Street, Manchester, M3 3el<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993601<br>Permit Version: 2<br>Effective Date: 1st January 2007<br>Issued Date: 26th April 2006<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Discharges - Cooling Water<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                 | A13SW (W)                              | 174                          | 2       | 383310<br>398350 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 3      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Booth Street Cso, Salford, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 016982902<br>Permit Version: 3<br>Effective Date: 14th November 1995<br>Issued Date: Not Supplied<br>Revocation Date: 3rd December 2014<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Surrendered under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 100m                                     | A13NE (NE)                             | 169                          | 2       | 383610 398580 |
| 3      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Booth Street Cso, Salford, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982902<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: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 10m                                              | A13NE (NE)                             | 169                          | 2       | 383610 398580 |
| 3      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Booth Street Cso, Salford, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982902<br>Permit Version: 2<br>Effective Date: 11th May 1995<br>Issued Date: Not Supplied<br>Revocation Date: 13th November 1995<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 10m                                            | A13NE (NE)                             | 169                          | 2       | 383610 398580 |
| 4      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Blackfriars Street Cso 283j1 1541 Blackfriars Street, ., ., Manchester, M1 1ph<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0156<br>Permit Version: 2<br>Effective Date: 3rd September 2010<br>Issued Date: 3rd September 2010<br>Revocation Date: 4th February 2016<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m | A13NE (NE)                             | 227                          | 2       | 383680 398590 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 4      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Blackfriars Street Cso 283j1 1541 Blackfriars Street, ., ., Manchester, M1 1ph<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0156<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 2nd September 2010<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br>Positional Accuracy: Located by supplier to within 100m | A13NE (NE)                             | 227                          | 2       | 383680<br>398590 |
| 4      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Blackfriars Street Cso 283j1 1541 Blackfriars Street, ., ., Manchester, M1 1ph<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0156<br>Permit Version: 4<br>Effective Date: 25th June 2018<br>Issued Date: 25th June 2018<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                                           | A13NE (NE)                             | 240                          | 2       | 383686<br>398603 |
| 4      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Blackfriars Street Cso 283j1 1541 Blackfriars Street, ., ., Manchester, M1 1ph<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0156<br>Permit Version: 3<br>Effective Date: 5th February 2016<br>Issued Date: 5th February 2016<br>Revocation Date: 24th June 2018<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                                   | A13NE (NE)                             | 240                          | 2       | 383686<br>398603 |
| 5      | <b>Discharge Consents</b><br>Operator: British Telecommunications Public Limited Company<br>Property Type: OFFICES ADMIN + SUPPORT<br>Location: Bt Dial House Exchange Building, 21 Chapel Street, ., Salford, M3 7ba<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: Eprtb3638al<br>Permit Version: 1<br>Effective Date: 29th May 2013<br>Issued Date: 29th May 2013<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Effluent Discharge-Site Drainage<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: New issued under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                                                      | A13NE (NE)                             | 290                          | 2       | 383690<br>398670 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 6      | <b>Discharge Consents</b><br>Operator: Fearnley Developments Ltd<br>Property Type: CONSTRUCTION OF BUILDINGS<br>Location: Fearnley Developments Ltd, Salford, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 016991429<br>Permit Version: 1<br>Effective Date: 1st January 1900<br>Issued Date: Not Supplied<br>Revocation Date: 1st November 1994<br>Discharge Type: Discharge Of Other Matter-Surface Water<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 100m                                                                                                         | A13SW (W)                              | 309                          | 2       | 383180<br>398310 |
| 7      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Victoria Bridge Street Cso (282wl) Manchester, ., ., Greater Manchester, M3 1st<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0155<br>Permit Version: 2<br>Effective Date: 14th April 2009<br>Issued Date: 14th April 2009<br>Revocation Date: 19th October 2020<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Surrendered under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                            | A13NE (NE)                             | 360                          | 2       | 383770<br>398690 |
| 7      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Victoria Bridge Street Cso (282wl) Manchester, ., ., Greater Manchester, M3 1st<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0155<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 13th April 2009<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br>Positional Accuracy: Located by supplier to within 100m | A13NE (NE)                             | 360                          | 2       | 383770<br>398690 |
| 7      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Victoria Bridge Street Cso (282wl) Manchester, ., ., Greater Manchester, M3 1st<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0155<br>Permit Version: 3<br>Effective Date: 20th October 2020<br>Issued Date: 20th October 2020<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                                  | A13NE (NE)                             | 363                          | 2       | 383775<br>398688 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 8      | <b>Discharge Consents</b><br>Operator: Fearnley Developments Ltd<br>Property Type: CONSTRUCTION OF BUILDINGS<br>Location: Fearnley Developments Ltd, Salford, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 016991429<br>Permit Version: 1<br>Effective Date: 1st January 1900<br>Issued Date: Not Supplied<br>Revocation Date: 1st November 1994<br>Discharge Type: Discharge Of Other Matter-Surface Water<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 100m                                                                                                                           | A12SE (SW)                             | 362                          | 2       | 383140<br>398270 |
| 9      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Water St/New Quay St Cso Water Street New Quay Street, Spinningfields, Manchester, Greater Manchester, M3 4jq<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 01MAN0172<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: 1st January 1995<br>Revocation Date: 20th March 2006<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Consent revoked or revised: New Consent issued (Section 37(1))</b><br>Positional Accuracy: Located by supplier to within 100m | A12SE (SW)                             | 400                          | 2       | 383120<br>398220 |
| 10     | <b>Discharge Consents</b><br>Operator: Mr P Lane<br>Property Type: FOOD+BEVERAGE SERVICES/CAFE/RESTAURANT/PUB<br>Location: Food & Wine Bar Swo Railway Arches, Chapel Street, Salford, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 016991311<br>Permit Version: 1<br>Effective Date: 1st November 1994<br>Issued Date: Not Supplied<br>Revocation Date: 1st November 1994<br>Discharge Type: Discharge Of Other Matter-Surface Water<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 100m                                                                                                 | A18SE (NE)                             | 402                          | 2       | 383700<br>398800 |
| 11     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Victoria Arches, Manchester, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0357<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: Unknown<br>Environment:<br>Receiving Water: Not Supplied<br><b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br>Positional Accuracy: Located by supplier to within 100m                                                                      | A13NE (NE)                             | 438                          | 2       | 383820<br>398750 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 12     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Water St/New Quay St Cso Water Street New Quay Street, Spinningfields, Manchester, Greater Manchester, M3 4jq<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993831<br>Permit Version: 2<br>Effective Date: 2nd October 2019<br>Issued Date: 2nd October 2019<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: The River Irwell<br><b>Status:</b> Varied under EPR 2010<br>Positional Accuracy: Located by supplier to within 10m                                                                                 | A12SE (SW)                             | 453                          | 2       | 383084 398175 |
| 12     | <b>Discharge Consents</b><br>Operator: United Utilities Water Plc (?)<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Water St/New Quay St Cso Water Street New Quay Street, Spinningfields, Manchester, Greater Manchester, M3 4jq<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993831<br>Permit Version: 1<br>Effective Date: 21st March 2006<br>Issued Date: 21st March 2006<br>Revocation Date: 1st October 2019<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: The River Irwell<br><b>Status:</b> New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)<br>Positional Accuracy: Located by supplier to within 10m | A12SE (SW)                             | 459                          | 2       | 383080 398170 |
| 13     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Subway - Victoria Avenue, Manchester, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01man0175<br>Permit Version: 1<br>Effective Date: 15th September 1993<br>Issued Date: Not Supplied<br>Revocation Date: 15th September 1993<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status:</b> Authorisation revoked<br>Positional Accuracy: Located by supplier to within 100m                                                                                                            | A14NW (NE)                             | 454                          | 2       | 383850 398740 |
| 14     | <b>Discharge Consents</b><br>Operator: Manchester Quays Developments (Mgy) Limited<br>Property Type: CONSTRUCTION OF BUILDINGS<br>Location: St Johns Development Settlement Tnk Quay Street, ., Manchester, Lancashire, M3 2gs<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: Eprmb3590df<br>Permit Version: 1<br>Effective Date: 15th May 2020<br>Issued Date: 15th May 2020<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Discharge - Process Water<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Tributary Of The River Irwell<br><b>Status:</b> New issued under EPR 2010<br>Positional Accuracy: Located by supplier to within 10m                                                                                                          | A7NE (SW)                              | 567                          | 2       | 383030 398049 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 14     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Grape Street Cso Grape Street, ., Manchester, Greater Manchester, M60 9ea<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0170<br>Permit Version: 4<br>Effective Date: 1st April 2018<br>Issued Date: 19th March 2018<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                     | A7NE (SW)                              | 592                          | 2       | 382986 398069 |
| 14     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Water Street Cso (284tv) Water Street, Manchester, ., Greater Manchester, M3 4pu<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982993<br>Permit Version: 2<br>Effective Date: 20th October 2020<br>Issued Date: 20th October 2020<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m         | A7NE (SW)                              | 593                          | 2       | 382985 398068 |
| 15     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Grape Street Cso Grape Street, ., Manchester, Greater Manchester, M60 9ea<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0170<br>Permit Version: 3<br>Effective Date: 11th January 2017<br>Issued Date: 11th January 2017<br>Revocation Date: 31st March 2018<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Approximate location provided by supplier     | A7NE (SW)                              | 621                          | 2       | 383000 398000 |
| 15     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Grape Street Cso Grape Street, ., Manchester, Greater Manchester, M60 9ea<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0170<br>Permit Version: 2<br>Effective Date: 3rd September 2010<br>Issued Date: 3rd September 2010<br>Revocation Date: 10th January 2017<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Approximate location provided by supplier | A7NE (SW)                              | 621                          | 2       | 383000 398000 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 15     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Grape Street Cso Grape Street, ., Manchester, Greater Manchester, M60 9ea<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0170<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 2nd September 2010<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Positional Accuracy: Located by supplier to within 100m                                                                           | A7NE (SW)                              | 621                          | 2       | 383000<br>398000 |
| 16     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Beaumont Building Cso 28049 Jnt New Bridge St Great Ducie St, ., Man0051, Manchester, M3 1pq<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993837<br>Permit Version: 2<br>Effective Date: 11th April 2018<br>Issued Date: 11th April 2018<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Varied under EPR 2010<br>Positional Accuracy: Located by supplier to within 10m                                                                                      | A18SE (N)                              | 622                          | 2       | 383670<br>399050 |
| 16     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Beaumont Building Cso 28049 Jnt New Bridge St Great Ducie St, ., Man0051, Manchester, M3 1pq<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 01MAN0051<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: 1st January 1995<br>Revocation Date: 30th March 2008<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Positional Accuracy: Located by supplier to within 100m                                                          | A18SE (N)                              | 625                          | 2       | 383680<br>399050 |
| 16     | <b>Discharge Consents</b><br>Operator: United Utilities Water Plc (?)<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Beaumont Building Cso 28049 Jnt New Bridge St Great Ducie St, ., Man0051, Manchester, M3 1pq<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993837<br>Permit Version: 1<br>Effective Date: 31st March 2008<br>Issued Date: 20th April 2006<br>Revocation Date: 10th April 2018<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: The River Irwell<br><b>Status:</b> New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)<br>Positional Accuracy: Located by supplier to within 10m | A18SE (N)                              | 632                          | 2       | 383670<br>399060 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 17     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Water Street Cso (284tv) Water Street, Manchester, .. Greater Manchester, M3 4pu<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 016982993<br>Permit Version: 1<br>Effective Date: 23rd June 1995<br>Issued Date: Not Supplied<br>Revocation Date: 19th October 2020<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br>Positional Accuracy: Located by supplier to within 100m                                                   | A7NE (SW)                              | 643                          | 2       | 382950 398030 |
| 18     | <b>Discharge Consents</b><br>Operator: United Utilities Water Plc (?)<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Long Millgate Cso Long Millgate, Near Manchester Cathdral Gardens, Manchester City Centre, Manchester, M3 1sb<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993741<br>Permit Version: 1<br>Effective Date: 1st June 2005<br>Issued Date: 1st June 2005<br>Revocation Date: 22nd October 2019<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m | A19SW (NE)                             | 679                          | 2       | 384000 398910 |
| 18     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Long Millgate Cso Long Millgate, Near Manchester Cathdral Gardens, Manchester City Centre, Manchester, M3 1sb<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 01MAN0160<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: 1st January 1995<br>Revocation Date: 31st May 2005<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status:</b> <b>Consent revoked or revised: New Consent issued (Section 37(1))</b><br>Positional Accuracy: Located by supplier to within 100m                                       | A19SW (NE)                             | 679                          | 2       | 384000 398910 |
| 18     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Long Millgate Cso Long Millgate, Near Manchester Cathdral Gardens, Manchester City Centre, Manchester, M3 1sb<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993741<br>Permit Version: 2<br>Effective Date: 23rd October 2019<br>Issued Date: 23rd October 2019<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status:</b> <b>Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                | A19SW (NE)                             | 687                          | 2       | 384000 398923 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 19     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Hunts Bank Combined Sewer Overflow Hunts Bank Approach, ., Manchester, Greater Manchester, M3 1un<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0176<br>Permit Version: 4<br>Effective Date: 30th October 2019<br>Issued Date: 30th October 2019<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m      | A19SW (NE)                             | 682                          | 2       | 383938<br>398974 |
| 19     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Hunts Bank Combined Sewer Overflow Hunts Bank Approach, ., Manchester, Greater Manchester, M3 1un<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0176<br>Permit Version: 3<br>Effective Date: 5th February 2016<br>Issued Date: 5th February 2016<br>Revocation Date: 29th October 2019<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m | A19SW (NE)                             | 682                          | 2       | 383938<br>398974 |
| 20     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Hanover Street Cso Hanover Street/Long Mill Gate, ., Manchester, Greater Manchester, M3 1nx<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0158<br>Permit Version: 4<br>Effective Date: 27th February 2020<br>Issued Date: 27th February 2020<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m          | A19SW (NE)                             | 747                          | 2       | 384044<br>398963 |
| 20     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Hanover Street Cso Hanover Street/Long Mill Gate, ., Manchester, Greater Manchester, M3 1nx<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0158<br>Permit Version: 3<br>Effective Date: 5th February 2016<br>Issued Date: 5th February 2016<br>Revocation Date: 26th February 2020<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m      | A19SW (NE)                             | 747                          | 2       | 384044<br>398963 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 20     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Hanover Street Cso Hanover Street/Long Mill Gate, ., Manchester, Greater Manchester, M3 1nx<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0158<br>Permit Version: 2<br>Effective Date: 3rd September 2010<br>Issued Date: 3rd September 2010<br>Revocation Date: 4th February 2016<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status:</b> Varied under EPR 2010<br>Positional Accuracy: Located by supplier to within 10m                                           | A19SW (NE)                             | 756                          | 2       | 384050<br>398970 |
| 20     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Hanover Street Cso Hanover Street/Long Mill Gate, ., Manchester, Greater Manchester, M3 1nx<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0158<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 2nd September 2010<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status:</b> Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Positional Accuracy: Located by supplier to within 100m | A19SW (NE)                             | 756                          | 2       | 384050<br>398970 |
| 21     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Rice St Near Castle St, Manchester, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01man0171<br>Permit Version: 1<br>Effective Date: 15th September 1993<br>Issued Date: Not Supplied<br>Revocation Date: 15th September 1993<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Canal<br>Environment:<br>Receiving Water: Bridgewater Canal<br><b>Status:</b> Authorisation revoked<br>Positional Accuracy: Located by supplier to within 100m                                                                        | A7SE (SW)                              | 790                          | 2       | 383120<br>397690 |
| 22     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Julia Sreett Cso 43 Julia Street, Manchester, ., Greater Manchester, M3 1fb<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0005<br>Permit Version: 3<br>Effective Date: 7th February 2020<br>Issued Date: 7th February 2020<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Varied under EPR 2010<br>Positional Accuracy: Located by supplier to within 10m                                                               | A18NE (N)                              | 792                          | 2       | 383570<br>399240 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 22     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Julia Sreett Cso 43 Julia Street, Manchester, .. Greater Manchester, M3 1fb<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: Eprqb3590de<br>Permit Version: 1<br>Effective Date: 7th February 2020<br>Issued Date: 7th February 2020<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                     | A18NE (N)                              | 792                          | 2       | 383584 399239 |
| 22     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Julia Sreett Cso 43 Julia Street, Manchester, .. Greater Manchester, M3 1fb<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0005<br>Permit Version: 2<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 6th February 2020<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br>Positional Accuracy: Located by supplier to within 100m                                    | A18NE (N)                              | 792                          | 2       | 383570 399240 |
| 22     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Julia Sreett Cso 43 Julia Street, Manchester, .. Greater Manchester, M3 1fb<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0005<br>Permit Version: 1<br>Effective Date: 1st April 1991<br>Issued Date: Not Supplied<br>Revocation Date: 31st December 1994<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Not Supplied<br>Environment:<br>Receiving Water: Not Supplied<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                                    | A18NE (N)                              | 792                          | 2       | 383570 399240 |
| 23     | <b>Discharge Consents</b><br>Operator: United Utilities Water Plc (?)<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Water Street/Liverpool Road Cso Water Street, 133 Liverpool Road, Manchester, Greater Manchester, M3 4pu<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993597<br>Permit Version: 2<br>Effective Date: 31st August 2014<br>Issued Date: 24th March 2014<br>Revocation Date: 8th January 2020<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m | A7NE (SW)                              | 809                          | 2       | 382836 397905 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 23     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Water Street/Liverpool Road Cso Water Street, 133 Liverpool Road, Manchester, Greater Manchester, M3 4pu<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993597<br>Permit Version: 3<br>Effective Date: 9th January 2020<br>Issued Date: 9th January 2020<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Varied under EPR 2010<br>Positional Accuracy: Located by supplier to within 10m                                                                                   | A7NE (SW)                              | 827                          | 2       | 382822 397894 |
| 23     | <b>Discharge Consents</b><br>Operator: United Utilities Water Plc (?)<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Water Street/Liverpool Road Cso Water Street, 133 Liverpool Road, Manchester, Greater Manchester, M3 4pu<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993597<br>Permit Version: 1<br>Effective Date: 5th October 2004<br>Issued Date: 5th October 2004<br>Revocation Date: 30th August 2014<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)<br>Positional Accuracy: Located by supplier to within 10m | A7NE (SW)                              | 831                          | 2       | 382820 397890 |
| 23     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Water Street/Liverpool Road Cso Water Street, 133 Liverpool Road, Manchester, Greater Manchester, M3 4pu<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01man0169<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 25th October 1995<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Authorisation revoked<br>Positional Accuracy: Located by supplier to within 100m                                                                              | A7NE (SW)                              | 831                          | 2       | 382820 397890 |
| 24     | <b>Discharge Consents</b><br>Operator: Rmc Roadstone Ltd - North West<br>Property Type: MAKING OF GLASS/CERAMICS/CEMENT/CUTTING STONE<br>Location: Ready Mixed Concrete Depot, Liverpool Road, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 016990275<br>Permit Version: 1<br>Effective Date: 10th March 1977<br>Issued Date: Not Supplied<br>Revocation Date: 31st August 1989<br>Discharge Type: Trade Discharge - Process Water<br>Discharge: Canal<br>Environment:<br>Receiving Water: Bridgewater Canal<br><b>Status:</b> Authorisation revoked<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                                                 | A7SE (SW)                              | 819                          | 2       | 383000 397730 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 24     | <b>Discharge Consents</b><br>Operator: Charles Topham (Developments) Ltd<br>Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)<br>Location: Topham Res Development Swo, Liverpool Road/Potato Wharf, Castlefield, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 016991276<br>Permit Version: 1<br>Effective Date: 18th May 1988<br>Issued Date: Not Supplied<br>Revocation Date: 1st July 1991<br>Discharge Type: Discharge Of Other Matter-Surface Water<br>Discharge: Canal<br>Environment:<br>Receiving Water: Bridgewater Canal<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 100m                                                                                                            | A7SE (SW)                              | 843                          | 2       | 383000<br>397700 |
| 25     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Great Bridgewater St Cso (281wi) 80 Great Bridgewater Street, Great Ancoats, Manchester, Greater Manchester, M1 5jg<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01man0163<br>Permit Version: 1<br>Effective Date: 15th September 1993<br>Issued Date: Not Supplied<br>Revocation Date: 15th September 1993<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Tib Culvert<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 100m                                | A8SE (S)                               | 829                          | 2       | 383790<br>397610 |
| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bury New Road Salford Cso Adjacent To 218 Bury New Road, ., Salford, Greater Manchester, M8 8dy<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993784<br>Permit Version: 2<br>Effective Date: 9th January 2020<br>Issued Date: 9th January 2020<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: The River Irwell Via Sws<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                                                             | A18NW (N)                              | 846                          | 2       | 383472<br>399297 |
| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Plc (?)<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bury New Road Salford Cso Adjacent To 218 Bury New Road, ., Salford, Greater Manchester, M8 8dy<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993784<br>Permit Version: 1<br>Effective Date: 21st March 2006<br>Issued Date: 21st March 2006<br>Revocation Date: 8th January 2020<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: The River Irwell<br><b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m | A18NW (N)                              | 849                          | 2       | 383470<br>399300 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)<br>Location: Bury New Rd/Teneriffe St, Salford, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 01SAL0025<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: 1st January 1995<br>Revocation Date: 21st March 2006<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 100m                                                     | A18NW (N)                              | 854                          | 2       | 383470<br>399305 |
| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bury New Road/Waterloo Road Cso 20-28 Waterloo Road, Manchester, ., Greater Manchester, M8 8gj<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982984<br>Permit Version: 2<br>Effective Date: 23rd October 2019<br>Issued Date: 23rd October 2019<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m | A18NW (N)                              | 863                          | 2       | 383470<br>399314 |
| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Fairy Lane Cso 281t3 Fairy Lane Canon Sleigh Close, ., Manchester, Greater Manchester, M8 8dd<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0066<br>Permit Version: 5<br>Effective Date: 11th April 2018<br>Issued Date: 11th April 2018<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m      | A18NW (N)                              | 863                          | 2       | 383470<br>399314 |
| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bury New Rd Lockett St Cso Aba Fashions Ltd, 2 Sagar Street, ., Manchester, M8 8eu<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016982899<br>Permit Version: 5<br>Effective Date: 1st April 2018<br>Issued Date: 12th March 2018<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell Via Srf Wtr Sewer<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m      | A18NW (N)                              | 863                          | 2       | 383470<br>399314 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Fairy Lane Cso 281t3 Fairy Lane Canon Sleigh Close, ., Manchester, Greater Manchester, M8 8dd<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0066<br>Permit Version: 4<br>Effective Date: 5th February 2016<br>Issued Date: 5th February 2016<br>Revocation Date: 10th April 2018<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Varied under EPR 2010<br>Positional Accuracy: Located by supplier to within 10m                                                   | A18NW (N)                              | 865                          | 2       | 383471<br>399316 |
| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Sherborne Street Cso Sherborne St Juct Grt Ducie St, ., ., Manchester, M3 1ej<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993836<br>Permit Version: 2<br>Effective Date: 1st April 2018<br>Issued Date: 12th March 2018<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Varied under EPR 2010<br>Positional Accuracy: Located by supplier to within 10m                                                                                 | A18NW (N)                              | 870                          | 2       | 383460<br>399320 |
| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Fairy Lane Cso 281t3 Fairy Lane Canon Sleigh Close, ., Manchester, Greater Manchester, M8 8dd<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0066<br>Permit Version: 3<br>Effective Date: 3rd September 2010<br>Issued Date: 3rd September 2010<br>Revocation Date: 4th February 2016<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Varied under EPR 2010<br>Positional Accuracy: Located by supplier to within 10m                                               | A18NW (N)                              | 870                          | 2       | 383460<br>399320 |
| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Fairy Lane Cso 281t3 Fairy Lane Canon Sleigh Close, ., Manchester, Greater Manchester, M8 8dd<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0066<br>Permit Version: 2<br>Effective Date: 14th April 2009<br>Issued Date: 14th April 2009<br>Revocation Date: 2nd September 2010<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Positional Accuracy: Located by supplier to within 10m | A18NW (N)                              | 870                          | 2       | 383460<br>399320 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bury New Rd Lockett St Cso Aba Fashions Ltd, 2 Sagar Street, ., Manchester, M8 8eu<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016982899<br>Permit Version: 4<br>Effective Date: 21st March 2006<br>Issued Date: 21st March 2006<br>Revocation Date: 31st March 2018<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m     | A18NW (N)                              | 870                          | 2       | 383460<br>399320 |
| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bury New Rd Lockett St Cso Aba Fashions Ltd, 2 Sagar Street, ., Manchester, M8 8eu<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016982899<br>Permit Version: 3<br>Effective Date: 14th November 1995<br>Issued Date: 14th November 1995<br>Revocation Date: 20th March 2006<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Consent revoked or revised: New Consent issued (Section 37(1))</b><br>Positional Accuracy: Located by supplier to within 100m                   | A18NW (N)                              | 870                          | 2       | 383460<br>399320 |
| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Sherborne Street Cso Sherborne St Juct Grt Ducie St, ., ., Manchester, M3 1ej<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 01MAN0052<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: 1st January 1995<br>Revocation Date: 19th April 2006<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Consent revoked or revised: New Consent issued (Section 37(1))</b><br>Positional Accuracy: Located by supplier to within 10m                             | A18NW (N)                              | 870                          | 2       | 383460<br>399320 |
| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Fairy Lane Cso 281t3 Fairy Lane Canon Sleigh Close, ., Manchester, Greater Manchester, M8 8dd<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0066<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 13th April 2009<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br>Positional Accuracy: Located by supplier to within 10m | A18NW (N)                              | 870                          | 2       | 383460<br>399320 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bury New Rd Lockett St Cso Aba Fashions Ltd, 2 Sagar Street, ., Manchester, M8 8eu<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982899<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: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                | A18NW (N)                              | 870                          | 2       | 383460<br>399320 |
| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Bury New Rd Lockett St Cso Aba Fashions Ltd, 2 Sagar Street, ., Manchester, M8 8eu<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982899<br>Permit Version: 2<br>Effective Date: 11th May 1995<br>Issued Date: Not Supplied<br>Revocation Date: 13th November 1995<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 10m                                                                              | A18NW (N)                              | 870                          | 2       | 383460<br>399320 |
| 26     | <b>Discharge Consents</b><br>Operator: United Utilities Water Plc (?)<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Sherborne Street Cso Sherborne St Juct Grt Ducie St, ., ., Manchester, M3 1ej<br>Authority: Environment Agency, North West Region<br>Catchment Area: Irwell<br>Reference: 016993836<br>Permit Version: 1<br>Effective Date: 20th April 2006<br>Issued Date: 20th April 2006<br>Revocation Date: 31st March 2018<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: The River Irwell<br><b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m | A18NW (N)                              | 872                          | 2       | 383460<br>399322 |
| 27     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Corporation Street Cso Corporation Street, Near Junction With Miller Street, Manchester, Greater Manchester, M60 0ab<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0159<br>Permit Version: 4<br>Effective Date: 11th April 2018<br>Issued Date: 11th April 2018<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Culverted Sec Of River Irk<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                               | A19SW (NE)                             | 848                          | 2       | 384120<br>399030 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 27     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Corporation Street Cso Corporation Street, Near Junction With Miller Street, Manchester, Greater Manchester, M60 0ab<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0159<br>Permit Version: 3<br>Effective Date: 22nd March 2016<br>Issued Date: 22nd March 2016<br>Revocation Date: 10th April 2018<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                                      | A19SW (NE)                             | 848                          | 2       | 384120<br>399030 |
| 27     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Corporation Street Cso Corporation Street, Near Junction With Miller Street, Manchester, Greater Manchester, M60 0ab<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0159<br>Permit Version: 2<br>Effective Date: 3rd September 2010<br>Issued Date: 3rd September 2010<br>Revocation Date: 21st March 2016<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                                | A19SW (NE)                             | 848                          | 2       | 384120<br>399030 |
| 27     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Corporation Street Cso Corporation Street, Near Junction With Miller Street, Manchester, Greater Manchester, M60 0ab<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0159<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 2nd September 2010<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br>Positional Accuracy: Located by supplier to within 100m | A19SW (NE)                             | 848                          | 2       | 384120<br>399030 |
| 27     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Miller Street/Corporation St Cso Miller Street, ., Manchester, Greater Manchester, M4 4dy<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0161<br>Permit Version: 3<br>Effective Date: 11th January 2017<br>Issued Date: 11th January 2017<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                | A19SW (NE)                             | 883                          | 2       | 384140<br>399060 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 27     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Miller Street/Corporation St Cso Miller Street, ., Manchester, Greater Manchester, M4 4dy<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0161<br>Permit Version: 2<br>Effective Date: 3rd September 2010<br>Issued Date: 3rd September 2010<br>Revocation Date: 10th January 2017<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status: Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                              | A19SW (NE)                             | 883                          | 2       | 384140<br>399060 |
| 27     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Miller Street/Corporation St Cso Miller Street, ., Manchester, Greater Manchester, M4 4dy<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0161<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 2nd September 2010<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br>Positional Accuracy: Located by supplier to within 100m | A19SW (NE)                             | 883                          | 2       | 384140<br>399060 |
| 28     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Trumpet Street, Sso, Manchester, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01man0168<br>Permit Version: 1<br>Effective Date: 15th September 1993<br>Issued Date: Not Supplied<br>Revocation Date: 15th September 1993<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Tib Culvert-Medlock<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 100m                                                  | A8SE (S)                               | 865                          | 2       | 383720<br>397550 |
| 29     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Julia St/Mirghel St, Sso, Manchester, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01man0063<br>Permit Version: 1<br>Effective Date: 15th September 1993<br>Issued Date: Not Supplied<br>Revocation Date: 15th September 1993<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 100m                                                          | A18NE (N)                              | 877                          | 2       | 383620<br>399320 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 30     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Hampton St/Ordsall Lane, Salford, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01SAL0183<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: Unknown<br>Environment:<br>Receiving Water: Not Supplied<br><b>Status:</b> Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Positional Accuracy: Located by supplier to within 100m                                               | A7NW (SW)                              | 884                          | 2       | 382680<br>398020 |
| 31     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Cottenham Lane Cso 372rz Cottenham Lane, ., Salford, Greater Manchester, M3 7lj<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01sal0081<br>Permit Version: 2<br>Effective Date: 14th April 2009<br>Issued Date: 14th April 2009<br>Revocation Date: 24th August 2017<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Varied under EPR 2010<br>Positional Accuracy: Located by supplier to within 10m                                               | A18NW (N)                              | 898                          | 2       | 383370<br>399340 |
| 31     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Cottenham Lane Cso 372rz Cottenham Lane, ., Salford, Greater Manchester, M3 7lj<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01SAL0081<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 13th April 2009<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Positional Accuracy: Located by supplier to within 100m | A18NW (N)                              | 898                          | 2       | 383370<br>399340 |
| 31     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Cottenham Lane Cso 372rz Cottenham Lane, ., Salford, Greater Manchester, M3 7lj<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01sal0081<br>Permit Version: 4<br>Effective Date: 2nd August 2018<br>Issued Date: 2nd August 2018<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Varied under EPR 2010<br>Positional Accuracy: Located by supplier to within 10m                                                   | A18NW (N)                              | 902                          | 2       | 383380<br>399345 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 31     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Cottenham Lane Cso 372rz Cottenham Lane, ., Salford, Greater Manchester, M3 7lj<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01sal0081<br>Permit Version: 3<br>Effective Date: 24th August 2017<br>Issued Date: 30th August 2017<br>Revocation Date: 1st August 2018<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Varied under EPR 2010<br>Positional Accuracy: Located by supplier to within 10m                      | A18NW (N)                              | 902                          | 2       | 383380<br>399345 |
| 32     | <b>Discharge Consents</b><br>Operator: Hanson Quarry Products Europe Limited<br>Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)<br>Location: Potato Wharf, Off Liverpool Rd, Manchester, Greater Manchester, M3 4la<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 0175/5<br>Permit Version: 1<br>Effective Date: 20th January 1975<br>Issued Date: Not Supplied<br>Revocation Date: 31st March 1991<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Crowton Brook<br><b>Status:</b> Authorisation revoked<br>Positional Accuracy: Located by supplier to within 100m | A8SW (S)                               | 907                          | 2       | 383300<br>397500 |
| 32     | <b>Discharge Consents</b><br>Operator: Hanson Quarry Products Europe Limited<br>Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)<br>Location: Potato Wharf, Off Liverpool Rd, Manchester, Greater Manchester, M3 4la<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 0175/5<br>Permit Version: 2<br>Effective Date: 1st April 1991<br>Issued Date: Not Supplied<br>Revocation Date: 31st December 1994<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Crowton Brook<br><b>Status:</b> Authorisation revoked<br>Positional Accuracy: Located by supplier to within 100m | A8SW (S)                               | 907                          | 2       | 383300<br>397500 |
| 32     | <b>Discharge Consents</b><br>Operator: Hanson Quarry Products Europe Limited<br>Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)<br>Location: Potato Wharf, Off Liverpool Rd, Manchester, Greater Manchester, M3 4la<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 0175/5<br>Permit Version: 3<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 30th June 1995<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Crowton Brook<br><b>Status:</b> Authorisation revoked<br>Positional Accuracy: Located by supplier to within 100m   | A8SW (S)                               | 907                          | 2       | 383300<br>397500 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 32     | <b>Discharge Consents</b><br>Operator: Hanson Quarry Products Europe Limited<br>Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)<br>Location: Potato Wharf, Off Liverpool Rd, Manchester, Greater Manchester, M3 4la<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 0175/5<br>Permit Version: 4<br>Effective Date: 1st July 1995<br>Issued Date: Not Supplied<br>Revocation Date: 8th March 2016<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Crowton Brook<br><b>Status: Surrendered under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 100m | A8SW (S)                               | 907                          | 2       | 383300<br>397500 |
| 33     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Albion Street/Hewitt St, Manchester, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0251<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 1st January 1995<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Medlock<br><b>Status: Consent revoked or revised: New Consent issued (Section 37(1))</b><br>Positional Accuracy: Located by supplier to within 100m         | A8SE (S)                               | 938                          | 2       | 383700<br>397470 |
| 33     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Albion Street/Hewitt St, Manchester, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 016982706<br>Permit Version: 1<br>Effective Date: 30th September 1994<br>Issued Date: Not Supplied<br>Revocation Date: 13th November 2019<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Medlock<br><b>Status: Surrendered under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 100m                                        | A8SE (S)                               | 943                          | 2       | 383700<br>397465 |
| 34     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Deansgate, L. Peter St, Manchester, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 01man0157<br>Permit Version: 2<br>Effective Date: 3rd September 2010<br>Issued Date: 3rd September 2010<br>Revocation Date: 18th July 2014<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Tunnel To Medlock<br><b>Status: Surrendered under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                  | A8SW (S)                               | 944                          | 2       | 383370<br>397450 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 34     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Deansgate, L. Peter St, Manchester, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0157<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 2nd September 2010<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Into And/Or Watercourse<br>Environment:<br>Receiving Water: Tunnel To Medlock<br><b>Status:</b> Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Positional Accuracy: Located by supplier to within 100m                                                                       | A8SW (S)                               | 944                          | 2       | 383370<br>397450 |
| 34     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Chester Road/Great Jackson Road Cso 371 Deansgate, Manchester, ., Greater Manchester, M15 4up<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982719<br>Permit Version: 3<br>Effective Date: 29th March 2021<br>Issued Date: 29th March 2021<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Medlock<br><b>Status:</b> Varied under EPR 2010<br>Positional Accuracy: Located by supplier to within 10m                                                                                         | A8SW (S)                               | 958                          | 2       | 383362<br>397437 |
| 34     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Chester Road/Great Jackson Road Cso 371 Deansgate, Manchester, ., Greater Manchester, M15 4up<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0276<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 1st December 1999<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Medlock<br><b>Status:</b> Consent revoked or revised: New Consent issued (Section 37(1))<br>Positional Accuracy: Located by supplier to within 100m                                               | A8SW (S)                               | 965                          | 2       | 383360<br>397430 |
| 34     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Chester Road/Great Jackson Road Cso 371 Deansgate, Manchester, ., Greater Manchester, M15 4up<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982719<br>Permit Version: 1<br>Effective Date: 30th September 1994<br>Issued Date: Not Supplied<br>Revocation Date: 30th November 1999<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Medlock<br><b>Status:</b> New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)<br>Positional Accuracy: Manually corrected supplier location | A8SW (S)                               | 965                          | 2       | 383360<br>397430 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 34     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Chester Road/Great Jackson Road Cso 371 Deansgate, Manchester, ., Greater Manchester, M15 4up<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 016982719<br>Permit Version: 2<br>Effective Date: 1st December 1999<br>Issued Date: Not Supplied<br>Revocation Date: 28th March 2021<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Medlock<br><b>Status:</b> <b>Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 100m | A8SW (S)                               | 970                          | 2       | 383360<br>397425 |
| 35     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Verdon Street/Scotland Cso Scotland Via Red Bank, Manchester, ., Greater Manchester, M4 4ew<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 016982715<br>Permit Version: 1<br>Effective Date: 30th September 1994<br>Issued Date: Not Supplied<br>Revocation Date: 3rd December 2019<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br>Positional Accuracy: Located by supplier to within 100m           | A19NW (NE)                             | 945                          | 2       | 384120<br>399165 |
| 35     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Verdon Street/Scotland Cso Scotland Via Red Bank, Manchester, ., Greater Manchester, M4 4ew<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0265<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 1st January 1995<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status:</b> <b>Consent revoked or revised: New Consent issued (Section 37(1))</b><br>Positional Accuracy: Located by supplier to within 100m                            | A19NW (NE)                             | 949                          | 2       | 384120<br>399170 |
| 35     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Verdon Street/Scotland Cso Scotland Via Red Bank, Manchester, ., Greater Manchester, M4 4ew<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982715<br>Permit Version: 2<br>Effective Date: 4th December 2019<br>Issued Date: 4th December 2019<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irk<br><b>Status:</b> <b>Varied under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                                                 | A19NW (NE)                             | 960                          | 2       | 384116<br>399188 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 36     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Great Bridgewater St Cso (281wi) 80 Great Bridgewater Street, Great Ancoats, Manchester, Greater Manchester, M1 5jg<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01MAN0252<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 1st January 1995<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Medlock<br><b>Status:</b> Consent revoked or revised: New Consent issued (Section 37(1))<br>Positional Accuracy: Located by supplier to within 100m               | A8SE (S)                               | 977                          | 2       | 383810 397460 |
| 36     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Great Bridgewater St Cso (281wi) 80 Great Bridgewater Street, Great Ancoats, Manchester, Greater Manchester, M1 5jg<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 016982707<br>Permit Version: 2<br>Effective Date: 20th October 2020<br>Issued Date: 20th October 2020<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Medlock<br><b>Status:</b> Varied under EPR 2010<br>Positional Accuracy: Located by supplier to within 10m                                                    | A8SE (S)                               | 981                          | 2       | 383819 397459 |
| 36     | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Great Bridgewater St Cso (281wi) 80 Great Bridgewater Street, Great Ancoats, Manchester, Greater Manchester, M1 5jg<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 016982707<br>Permit Version: 1<br>Effective Date: 30th September 1994<br>Issued Date: Not Supplied<br>Revocation Date: 19th October 2020<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Medlock<br><b>Status:</b> Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Positional Accuracy: Located by supplier to within 100m | A8SE (S)                               | 982                          | 2       | 383810 397455 |
| 37     | <b>Discharge Consents</b><br>Operator: Riverside Developments<br>Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)<br>Location: Riverside Res Development Swo, The Crescent/Adelphi Street, Salford, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 016991216<br>Permit Version: 1<br>Effective Date: 1st July 1991<br>Issued Date: Not Supplied<br>Revocation Date: 1st July 1991<br>Discharge Type: Discharge Of Other Matter-Surface Water<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Irwell<br><b>Status:</b> Authorisation revoked<br>Positional Accuracy: Located by supplier to within 100m                                                                                                   | A12NW (W)                              | 978                          | 2       | 382500 398600 |
| 38     | <b>Enforcement and Prohibition Notices</b><br>Location: Manchester Children's Hospital, Gartside Street, MANCHESTER, M3 3FJ<br>Permit Reference: Not Given<br>Enforcement Date: 4th August 1995<br>Details: Press Release HM269, Breach of conditions relating to accumulation & disposal of radioactive wastes; under RSA93.<br>Positional Accuracy: Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A13SW (SW)                             | 328                          | 2       | 383285 398129 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 39     | <b>Integrated Pollution Prevention And Control</b><br>Name: Manchester Heat Network Tradeco Limited<br>Location: Manchester Civic Quarter Energy Centre Epr/Jp3700bu, Manchester Civic Quarter Energy Centre, Off Lower Mosley Street, Manchester<br>Authority: Environment Agency, North West Region<br>Permit Reference: JP3700BU<br>Original Permit Ref: Jp3700bu<br>Effective Date: 20th August 2020<br><b>Status: Effective</b><br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Located by supplier to within 10m<br>Activity Code: 25A (a)<br>Activity Description: New Medium Combustion Plant<br>Primary Activity: Y<br>Activity Code: 25B (3) (1) (b)<br>Activity Description: Tranche A SG permitting date 1st October 2019<br>Primary Activity: N | A8SE (S)                               | 747                          | 2       | 383710<br>397670 |
| 40     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Granada Dry Cleaners<br>Location: 71-73 Bridge Street, Manchester<br>Authority: Manchester City Council, Environmental Health Department<br>Permit Reference: PPC/DC/RM/20/07<br>Dated: 26th February 2007<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/46 Dry cleaning<br><b>Status: Permitted</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                                                                                                                                                                                                                                                    | A13SE (SE)                             | 106                          | 3       | 383558<br>398300 |
| 41     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Johnson Cleaners Uk Ltd - Manchester<br>Location: 59 Cross Street, Albert Square, Manchester<br>Authority: Manchester City Council, Environmental Health Department<br>Permit Reference: PPC/DC/RM/12/07<br>Dated: 1st February 2007<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/46 Dry cleaning<br><b>Status: Permitted</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                                                                                                                                                                                                                          | A14SW (SE)                             | 396                          | 3       | 383845<br>398199 |
| 42     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Ryland Honda<br>Location: Blackfriars Road, SALFORD, Lancashire, M3 7AP<br>Authority: Salford City Council, Environmental Health Department<br>Permit Reference: Not Given<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/34 Respraying of road vehicles<br><b>Status: Authorised</b><br>Positional Accuracy: Manually positioned to the address or location                                                                                                                                                                                                                                                                                                           | A18SW (N)                              | 418                          | 4       | 383408<br>398859 |
| 43     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Greengate Polymer Coatings Ltd<br>Location: Greengate Works, SALFORD, M3 7WS<br>Authority: Salford City Council, Environmental Health Department<br>Permit Reference: 28/36<br>Dated: 16th February 1995<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/10 Coating manufacturing<br><b>Status: Authorised</b><br>Positional Accuracy: Manually positioned to the address or location                                                                                                                                                                                                                                                                                                          | A18SE (N)                              | 574                          | 4       | 383527<br>399025 |
| 44     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Renault (Manchester) Ltd<br>Location: Trinity Way, Blackfriars Road, SALFORD, Greater Manchester, M3 7FT<br>Authority: Salford City Council, Environmental Health Department<br>Permit Reference: 8363/040408<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/34 Respraying of road vehicles<br><b>Status: Authorised</b><br>Positional Accuracy: Manually positioned to the address or location                                                                                                                                                                                                                                                                        | A18SW (N)                              | 588                          | 4       | 383272<br>398993 |
| 44     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Renault Manchester<br>Location: 72 Blackfriars Road, SALFORD, Lancashire, M3 7FT<br>Authority: Salford City Council, Environmental Health Department<br>Permit Reference: 29/50<br>Dated: 15th December 1994<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/34 Respraying of road vehicles<br><b>Status: Authorised</b><br>Positional Accuracy: Manually positioned to the address or location                                                                                                                                                                                                                                                                                                | A18SW (N)                              | 605                          | 4       | 383293<br>399019 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 45     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: The Laundry Shop (Manchester Ltd)<br>Location: Unit 5 Peter House, Oxford Street, Manchester<br>Authority: Manchester City Council, Environmental Health Department<br>Permit Reference: PPC/DC/RM/01/09<br>Dated: 1st February 2007<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/46 Dry cleaning<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Located by supplier to within 10m                             | A9NW (SE)                              | 689                          | 3       | 383915<br>397839 |
| 46     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Johnsons Cleaners Uk Ltd - Manchester<br>Location: 24 High Street, Manchester<br>Authority: Manchester City Council, Environmental Health Department<br>Permit Reference: PPC/DC/RM/13/07<br>Dated: 1st February 2007<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/46 Dry cleaning<br><b>Status: Permitted</b><br>Positional Accuracy: Located by supplier to within 10m                                                        | A14NE (E)                              | 745                          | 3       | 384254<br>398481 |
| 47     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Hydraulic Transmission Services Ltd<br>Location: 9 Cannon Street, Salford, Lancashire, M3 6jh<br>Authority: Salford City Council, Environmental Health Department<br>Permit Reference: 25939/261109<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input<br><b>Status: Authorised</b><br>Positional Accuracy: Manually positioned to the address or location    | A17SE (NW)                             | 894                          | 4       | 382840<br>399075 |
|        | <b>Nearest Surface Water Feature</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A13NW (N)                              | 1                            | -       | 383482<br>398443 |
| 48     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Private Sewage (Non-PLC): Sewerage Systems<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Unknown Sewage<br>Note: River Irwell<br>Incident Date: 14th May 1993<br>Incident Reference: 93611003<br>Catchment Area: Irwell<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     | A13NE (N)                              | 49                           | 2       | 383500<br>398500 |
| 49     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Pollution Found Source Not Determined<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Miscellaneous - Unknown<br>Note: River Irwell<br>Incident Date: 26th May 1992<br>Incident Reference: 92610872<br>Catchment Area: Irwell<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 | A13NE (NE)                             | 111                          | 2       | 383600<br>398500 |
| 50     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Miscellaneous - Colour<br>Note: Not Supplied<br>Incident Date: 12th May 1995<br>Incident Reference: 95611111<br>Catchment Area: Irwell<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               | A13NE (NE)                             | 179                          | 2       | 383600<br>398600 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 50     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: No Premises Identified<br>Location: St Marys Parsonage, Off Blackfriars Street, Manchester City Centre, MANCHESTER, Greater Manchester<br>Authority: Environment Agency, North West Region<br>Pollutant: Contaminated Material : Fire Fighting Run Off<br>Note: Not Supplied<br>Incident Date: 2nd May 1999<br>Incident Reference: 28749<br>Catchment Area: Irwell<br>Receiving Water: River Stretch (Freshwater)<br>Cause of Incident: Fire<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Manually positioned to the road within the address or location | A13NE (NE)                             | 207                          | 2       | 383629 398613 |
| 51     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Greater Manchester<br>Authority: Environment Agency, North West Region<br>Pollutant: Unknown<br>Note: None Pollution Found<br>Incident Date: 11th March 1996<br>Incident Reference: 96610444<br>Catchment Area: Irwell<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                                                                                                                                                 | A13NE (N)                              | 249                          | 2       | 383500 398700 |
| 52     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Unknown<br>Note: River Irwell<br>Incident Date: 10th May 1993<br>Incident Reference: 93610965<br>Catchment Area: Irwell<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                                                                                                                                                   | A13NE (N)                              | 268                          | 2       | 383600 398700 |
| 53     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Greater Manchester<br>Authority: Environment Agency, North West Region<br>Pollutant: Not Given<br>Note: Not Supplied<br>Incident Date: 16th March 1992<br>Incident Reference: 92610433<br>Catchment Area: Irk<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                                                                       | A19SW (NE)                             | 531                          | 2       | 383900 398800 |
| 54     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Spillage; Accident - Static Site<br>Location: Greater Manchester<br>Authority: Environment Agency, North West Region<br>Pollutant: Miscellaneous - Fire water / Foam<br>Note: River Irwell; Fire Water Run Off<br>Incident Date: 28th January 1996<br>Incident Reference: 96610168<br>Catchment Area: Irwell<br>Receiving Water: Not Given<br>Cause of Incident: Fire<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                                    | A17SE (NW)                             | 732                          | 2       | 383000 399000 |
| 55     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Greater Manchester<br>Authority: Environment Agency, North West Region<br>Pollutant: Unknown<br>Note: None Pollution Found<br>Incident Date: 30th October 1995<br>Incident Reference: 95612666<br>Catchment Area: Irwell<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                                                                                                                                               | A19SW (NE)                             | 742                          | 2       | 384000 399000 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 56     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Unknown<br>Note: Not Supplied<br>Incident Date: 29th November 1995<br>Incident Reference: 95612868<br>Catchment Area: Irwell<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                                                        | A17NE (NW)                             | 873                          | 2       | 382900<br>399100 |
| 57     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Unknown<br>Note: Not Supplied<br>Incident Date: 8th July 1992<br>Incident Reference: 92611241<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                                                                 | A8SW (S)                               | 891                          | 2       | 383400<br>397500 |
| 58     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Pollution Found Source Not Determined<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Chemicals - Detergents/Surfactant<br>Note: River Irwell<br>Incident Date: 5th September 1995<br>Incident Reference: 95612250<br>Catchment Area: Irwell<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         | A12NW (W)                              | 903                          | 2       | 382600<br>398700 |
| 59     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Unknown<br>Note: River Irwell<br>Incident Date: 4th July 1995<br>Incident Reference: 95611639<br>Catchment Area: Irwell<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                                                             | A18NW (N)                              | 954                          | 2       | 383400<br>399400 |
| 60     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Water Company Sewage: Sewage Treatment Works<br>Location: Greater Manchester<br>Authority: Environment Agency, North West Region<br>Pollutant: Chemicals - Detergents/Surfactant<br>Note: River Irwell; Foam<br>Incident Date: 31st January 1996<br>Incident Reference: 96610198<br>Catchment Area: Irwell<br>Receiving Water: Not Given<br>Cause of Incident: Miscellaneous/Other Pollution Type<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A12NW (W)                              | 978                          | 2       | 382500<br>398600 |
| 61     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Unknown<br>Note: Not Supplied<br>Incident Date: 1st May 1995<br>Incident Reference: 95610965<br>Catchment Area: Irwell<br>Receiving Water: Not Given<br>Cause of Incident: Accidental Spillage/Leakage<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                         | A19NW (NE)                             | 985                          | 2       | 384000<br>399300 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 62     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Moorefield Cres, LOWTON<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Unknown<br>Note: Stream Discoloured<br>Incident Date: 30th May 1998<br>Incident Reference: SO980959<br>Catchment Area: Glaze<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                                                                  | A3NW (S)                               | 990                          | 2       | 383400<br>397400 |
| 63     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Water Company Sewage: Sewage Treatment Works<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Chemicals - Detergents/Surfactant<br>Note: River Irwell<br>Incident Date: 13th January 1993<br>Incident Reference: 93610055<br>Catchment Area: Irwell<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                                                                                                                | A12NW (W)                              | 999                          | 2       | 382500<br>398700 |
| 64     | <b>Registered Radioactive Substances</b><br>Name: National Vulcan Eng Ins Group Ltd<br>Location: St Marys Parsonage, MANCHESTER, M60 9AP<br>Authority: Scottish Environment Protection Agency, Head Office<br>Permit Reference: IPB/3/3/023<br>Dated: 24th April 1980<br>Process Type: Registration under S10 RSA for the keeping and use of mobile Radioactive sources (was RSA60 S3)<br>Description: Registration under S7 or S10 RSA for the keeping and use of radioactive material or apparatus for 1 or more tracer test sources dated pre April 1991<br><b>Status:</b> Not Given<br>Positional Accuracy: Manually positioned to the road within the address or location | A13NE (E)                              | 22                           | 5       | 383532<br>398427 |
|        | <b>River Quality</b><br>Name: Irwell (Msc)<br>GQA Grade: River Quality E<br>Reach: Salford University To Salford Docks<br>Estimated Distance (km): 8.2<br>Flow Rate: Flow less than 40 cumecs<br>Flow Type: River<br>Year: 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                | A13SE (SE)                             | 0                            | 2       | 383496<br>398409 |
|        | <b>River Quality</b><br>Name: Irk<br>GQA Grade: River Quality E<br>Reach: Moston Bk To Irwell<br>Estimated Distance (km): 1.7<br>Flow Rate: Flow less than 2.5 cumecs<br>Flow Type: River<br>Year: 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A18SE (NE)                             | 487                          | 2       | 383705<br>398893 |
|        | <b>River Quality</b><br>Name: Rochdale Canal<br>GQA Grade: River Quality B<br>Reach: Ashton Canal To Knott Mill<br>Estimated Distance (km): 1.8<br>Flow Rate: Flow greater than 80 cumecs<br>Flow Type: Canal<br>Year: 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A8SE (S)                               | 876                          | 2       | 383489<br>397510 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 65     | <b>River Quality Chemistry Sampling Points</b><br>Name: Rochdale Canal<br>Reach: Ashton Canal To Knott Mill<br>Estimated Distance: 1.80<br>Objective: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m<br>Year: 1990<br>GQA Grade: River Quality Chemistry GQA Grade D - Fair<br>Compliance: Not Supplied<br>Year: 1993<br>GQA Grade: River Quality Chemistry GQA Grade B - Good<br>Compliance: Not Supplied<br>Year: 1994<br>GQA Grade: River Quality Chemistry GQA Grade B - Good<br>Compliance: Not Supplied<br>Year: 1995<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 1996<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 1997<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 1998<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 1999<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2000<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2001<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2002<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2003<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2004<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2005<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2006<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2007<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2008<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2009<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied | A8SW (S)                               | 844                          | 2       | 383330<br>397558 |
| 66     | <b>Water Abstractions</b><br>Operator: Her Majesty's Court Service<br>Licence Number: 2569007089<br>Permit Version: 2<br>Location: 2 Boreholes At Gartside Street 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: Land At Gartside Street Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 10th July 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A13SW (SW)                             | 168                          | 2       | 383335<br>398310 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 66     | <b>Water Abstractions</b><br>Operator: Bovis Lend Lease Ltd<br>Licence Number: 2569007089<br>Permit Version: 1<br>Location: 2 Boreholes At Gartside Street 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: Land At Gartside Street Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 28th January 2005<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                        | A13SW (SW)                             | 168                          | 2       | 383335<br>398310 |
| 67     | <b>Water Abstractions</b><br>Operator: British Telecommunications Plc<br>Licence Number: 2569007070<br>Permit Version: 101<br>Location: Borehole At Dial House Chapel Street Salford<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: 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 Dial House, Salford<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st April 2007<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A13NE (NE)                             | 319                          | 2       | 383700<br>398700 |
| 67     | <b>Water Abstractions</b><br>Operator: British Telecom<br>Licence Number: 2569007070<br>Permit Version: 100<br>Location: Borehole At Dial House, Chapel St, Salford<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: 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): 30<br>Yearly Rate (m3): 45<br>Details: Premises At Dial House, Salford<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 27th January 1971<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                   | A13NE (NE)                             | 319                          | 2       | 383700<br>398700 |
| 68     | <b>Water Abstractions</b><br>Operator: Threlfalls (Salford) Ltd.<br>Licence Number: 2569006009<br>Permit Version: Not Supplied<br>Location: Four Boreholes, Cook Street, SALFORD<br>Authority: Environment Agency, North West Region<br>Abstraction: Cooling & Manufacturing<br>Abstraction Type: Not Supplied<br>Source: Groundwater<br>Daily Rate (m3): 977<br>Yearly Rate (m3): 227300<br>Details: Additional Purpose: Cooling; 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                                                                                                       | A18SW (NW)                             | 451                          | 2       | 383200<br>398800 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 69     | <b>Water Abstractions</b><br>Operator: Manchester Quays Development (Mgy) Ltd<br>Licence Number: Nw/069/0004/019<br>Permit Version: 1<br>Location: St Johns Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Industrial, Commercial and Public Services: Transfer Between Sources (Post Water Act 2003)<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: St Johns, Manchester<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 13th September 2019<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A12SE (SW)                             | 486                          | 2       | 383094<br>398099 |
| 70     | <b>Water Abstractions</b><br>Operator: British Telecommunications Plc<br>Licence Number: 2569007069<br>Permit Version: 100<br>Location: Borehole At George St, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: 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): 860<br>Yearly Rate (m3): 1100<br>Details: Premises At Rutherford Hse, York St<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st April 2007<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m   | A9NW (SE)                              | 716                          | 2       | 384100<br>398000 |
| 71     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 102<br>Location: Borehole Number 2 At Premises Strangeways 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: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                                   | A18NE (NE)                             | 805                          | 2       | 383820<br>399190 |
| 71     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 102<br>Location: Borehole (No 2) At Premises, Strangeways, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden)<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: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m            | A18NE (NE)                             | 805                          | 2       | 383820<br>399190 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 71     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 102<br>Location: Borehole Number 2 At Premises Strangeways Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden)<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: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A18NE (NE)                             | 805                          | 2       | 383820 399190 |
| 71     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 102<br>Location: Borehole Number 2 At Premises Strangeways Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden)<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: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A18NE (NE)                             | 805                          | 2       | 383820 399190 |
| 71     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 101<br>Location: Borehole (No 2) At Premises, Strangeways, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 682<br>Yearly Rate (m3): 194755<br>Details: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 25th May 2000<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                   | A18NE (NE)                             | 805                          | 2       | 383820 399190 |
| 71     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 101<br>Location: Borehole (No 2) At Premises, Strangeways, 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: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 25th May 2000<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                           | A18NE (NE)                             | 805                          | 2       | 383820 399190 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 71     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 102<br>Location: Borehole Number 3 At Premises Strangeways Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden)<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: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19NW (NE)                             | 837                          | 2       | 383830<br>399220 |
| 71     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 102<br>Location: Borehole Number 3 At Premises Strangeways 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: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                        | A19NW (NE)                             | 837                          | 2       | 383830<br>399220 |
| 71     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 102<br>Location: Borehole Number 3 At Premises Strangeways Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden)<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: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19NW (NE)                             | 837                          | 2       | 383830<br>399220 |
| 71     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 102<br>Location: Borehole (No 3) At Premises, Strangeways, 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: Borehole At Strangeways Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                     | A19NW (NE)                             | 837                          | 2       | 383830<br>399220 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 71     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 101<br>Location: Borehole (No 3) At Premises, Strangeways, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden)<br>Abstraction Type: Not Supplied<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 25th May 2000<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                   | A19NW (NE)                             | 837                          | 2       | 383830<br>399220 |
| 71     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 101<br>Location: Borehole (No 3) At Premises, Strangeways, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Process Water<br>Abstraction Type: Not Supplied<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 25th May 2000<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                                                          | A19NW (NE)                             | 837                          | 2       | 383830<br>399220 |
| 72     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 102<br>Location: Borehole Number 1 At Premises Strangeways Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden)<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: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19NW (NE)                             | 872                          | 2       | 383850<br>399250 |
| 72     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 102<br>Location: Borehole (No 1) At Premises, Strangeways, 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: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                        | A19NW (NE)                             | 872                          | 2       | 383850<br>399250 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 72     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 102<br>Location: Borehole (No 1) At Premises, Strangeways, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden)<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: Borehole At Strangeways, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19NW (NE)                             | 872                          | 2       | 383850<br>399250 |
| 72     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 102<br>Location: Borehole Number 1 At Premises Strangeways 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: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                            | A19NW (NE)                             | 872                          | 2       | 383850<br>399250 |
| 72     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 101<br>Location: Borehole (No 1) At Premises, Strangeways, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden)<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: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 25th May 2000<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m        | A19NW (NE)                             | 872                          | 2       | 383850<br>399250 |
| 72     | <b>Water Abstractions</b><br>Operator: Interbrew Uk Ltd<br>Licence Number: 2569004023<br>Permit Version: 101<br>Location: Borehole (No 1) At Premises, Strangeways, 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: Strangeways Brewery, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 25th May 2000<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                               | A19NW (NE)                             | 872                          | 2       | 383850<br>399250 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 73     | <b>Water Abstractions</b><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                                                                                                         | A9SW (SE)                              | 914                          | 2       | 384100<br>397700 |
|        | <b>Water Abstractions</b><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                           | A9SE (SE)                              | 1097                         | 2       | 384378<br>397733 |
|        | <b>Water Abstractions</b><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                        | A9SE (SE)                              | 1097                         | 2       | 384378<br>397733 |
|        | <b>Water Abstractions</b><br>Operator: Cemex Uk Materials Ltd<br>Licence Number: 2569007085<br>Permit Version: 4<br>Location: Borehole At Hope Street, Salford, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: 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: Land At Hope Street, Salford, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 21st December 2018<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A11SE (W)                              | 1277                         | 2       | 382190<br>398330 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: Cemex Uk Materials Ltd<br>Licence Number: 2569007085<br>Permit Version: 3<br>Location: Borehole At Hope Street, Salford, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: 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: Land At Hope Street, Salford, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 17th October 2007<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                    | A11SE (W)                              | 1277                         | 2       | 382190<br>398330 |
|        | <b>Water Abstractions</b><br>Operator: Cemex Uk Materials Ltd<br>Licence Number: 2569007085<br>Permit Version: 2<br>Location: Borehole At Hope Street, Salford, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: 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: Land At Hope Street, Salford, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 22nd March 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                      | A11SE (W)                              | 1277                         | 2       | 382190<br>398330 |
|        | <b>Water Abstractions</b><br>Operator: Ready Mixed Concrete (North West) Limited<br>Licence Number: 2569007085<br>Permit Version: 1<br>Location: Borehole At Hope Street, Salford, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: 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: Land At Hope Street, Salford, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st November 2000<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A11SE (W)                              | 1277                         | 2       | 382190<br>398330 |
|        | <b>Water Abstractions</b><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                                                                                                                               | A4NW (SE)                              | 1288                         | 2       | 384000<br>397200 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: Joseph Holt Ltd<br>Licence Number: 2569004011<br>Permit Version: 100<br>Location: Borehole At Derby Brewery, Cheetham, Manchester 3<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): 182<br>Yearly Rate (m3): 45460<br>Details: Derby Brewery, Cheetham, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 17th February 1966<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                       | A24SW (NE)                             | 1385                         | 2       | 384100<br>399700 |
|        | <b>Water Abstractions</b><br>Operator: Joseph Holt Ltd<br>Licence Number: 2569004011<br>Permit Version: 100<br>Location: Borehole At Derby Brewery, Cheetham, Manchester 3<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: Derby Brewery, Cheetham, Manchester<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 17th February 1966<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                                              | A24SW (NE)                             | 1385                         | 2       | 384100<br>399700 |
|        | <b>Water Abstractions</b><br>Operator: Cds Computer Design Systems Ltd<br>Licence Number: 2569007053<br>Permit Version: 100<br>Location: R Irwell At Irwell Works, Ordsall Lane, Salford<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): 455<br>Yearly Rate (m3): 22730<br>Details: Irwell Works, Ordsall Lane, Salford<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st November 1987<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A2NW (SW)                              | 1396                         | 2       | 382500<br>397400 |
|        | <b>Water Abstractions</b><br>Operator: Lancashire Dairies Ltd<br>Licence Number: 2569004021<br>Permit Version: 100<br>Location: Borehole At Premises, Derby Street, Cheetham, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Dairies: Drinking, Cooking, Sanitary, Washing, (Small Garden)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 436<br>Yearly Rate (m3): 159110<br>Details: Premises At Derby St, Cheetham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st April 1993<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                       | A24NW (N)                              | 1407                         | 2       | 383900<br>399800 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: Lancashire Dairies Ltd<br>Licence Number: 2569004021<br>Permit Version: 100<br>Location: Borehole At Premises, Derby Street, Cheetham, Manchester<br>Authority: Environment Agency, North West Region<br>Abstraction: Dairies: 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): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Premises At Derby St,Cheetham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st April 1993<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A24NW (N)                              | 1407                         | 2       | 383900<br>399800 |
|        | <b>Water Abstractions</b><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                                           | A4NE (SE)                              | 1464                         | 2       | 384180<br>397091 |
|        | <b>Water Abstractions</b><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                                                           | A4NE (SE)                              | 1464                         | 2       | 384180<br>397091 |
|        | <b>Water Abstractions</b><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                                           | A4NE (SE)                              | 1464                         | 2       | 384180<br>397091 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><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                                             | A4NE (SE)                              | 1464                         | 2       | 384180<br>397091 |
|        | <b>Water Abstractions</b><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                               | A3SE (S)                               | 1654                         | 2       | 383715<br>396746 |
|        | <b>Water Abstractions</b><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               | A3SE (S)                               | 1654                         | 2       | 383715<br>396746 |
|        | <b>Water Abstractions</b><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 | (SE)                                   | 1938                         | 2       | 385240<br>397540 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Groundwater Vulnerability Map</b><br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: Low | A13NE (NE)                             | 0                            | 6       | 383489<br>398420 |
|        | <b>Groundwater Vulnerability - Soluble Rock Risk</b><br>None                                                                                                                                                                                                                                                                                                                                                                                          |                                        |                              |         |                  |
|        | <b>Bedrock Aquifer Designations</b><br>Aquifer Designation: Principal Aquifer                                                                                                                                                                                                                                                                                                                                                                         | A13NE (NE)                             | 0                            | 6       | 383489<br>398420 |
|        | <b>Superficial Aquifer Designations</b><br>Aquifer Designation: Secondary Aquifer - A                                                                                                                                                                                                                                                                                                                                                                 | A13NE (NE)                             | 0                            | 6       | 383489<br>398420 |
| 74     | <b>Source Protection Zones</b><br>Name: Not Supplied<br>Source: Environment Agency, Head Office<br>Reference: Not Supplied<br>Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.                                                                                                                                                                                                 | A8NE (S)                               | 668                          | 2       | 383680<br>397744 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                             | A13NW (NW)                             | 0                            | 2       | 383480<br>398435 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                             | A13NW (NW)                             | 0                            | 2       | 383480<br>398435 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                             | A13SW (W)                              | 171                          | 2       | 383312<br>398353 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                             | A13NE (NE)                             | 213                          | 2       | 383658<br>398594 |
|        | <b>Areas Benefiting from Flood Defences</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                   |                                        |                              |         |                  |
|        | <b>Flood Water Storage Areas</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                              |                                        |                              |         |                  |
|        | <b>Flood Defences</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                                         |                                        |                              |         |                  |
| 75     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 856.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Irwell<br>Catchment Name: Mersey<br>Primacy: 1                                                                                                                                                                                                                     | A13NW (NW)                             | 17                           | 7       | 383469<br>398455 |
| 76     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 17.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Irwell<br>Catchment Name: Mersey<br>Primacy: 1                                                                                                                                                                                                                      | A12SE (SW)                             | 389                          | 7       | 383122<br>398244 |

| Map ID | Details                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 77     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 329.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Irwell<br>Catchment Name: Mersey<br>Primacy: 1 | A12SE (SW)                             | 405                          | 7       | 383110<br>398231 |
| 78     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 23.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Irwell<br>Catchment Name: Mersey<br>Primacy: 1  | A13NE (NE)                             | 422                          | 7       | 383797<br>398752 |
| 79     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 159.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Irwell<br>Catchment Name: Mersey<br>Primacy: 1 | A18SE (NE)                             | 445                          | 7       | 383808<br>398773 |
| 80     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 18.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1  | A8NE (S)                               | 452                          | 7       | 383585<br>397942 |
| 81     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 19.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1  | A14NW (NE)                             | 458                          | 7       | 383909<br>398656 |
| 82     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 9.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1   | A14NW (NE)                             | 477                          | 7       | 383929<br>398659 |
| 83     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 22.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1  | A14NW (NE)                             | 486                          | 7       | 383938<br>398661 |
| 84     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 4.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1   | A14NW (NE)                             | 508                          | 7       | 383959<br>398670 |
| 85     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 20.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1  | A14NW (NE)                             | 512                          | 7       | 383963<br>398671 |

| Map ID | Details                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 86     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 111.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1 | A19SW (NE)                             | 563                          | 7       | 383951<br>398788 |
| 87     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 83.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Irwell<br>Catchment Name: Mersey<br>Primacy: 1  | A18SE (NE)                             | 578                          | 7       | 383820<br>398933 |
| 88     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 23.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Irk<br>Catchment Name: Mersey<br>Primacy: 1     | A19SW (NE)                             | 581                          | 7       | 383831<br>398929 |
| 89     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 464.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Irwell<br>Catchment Name: Mersey<br>Primacy: 1 | A18SE (NE)                             | 583                          | 7       | 383761<br>398972 |
| 90     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 453.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Irk<br>Catchment Name: Mersey<br>Primacy: 1    | A19SW (NE)                             | 602                          | 7       | 383846<br>398944 |
| 91     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 628.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Irwell<br>Catchment Name: Mersey<br>Primacy: 1 | A7NE (SW)                              | 718                          | 7       | 382886<br>397991 |
| 92     | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 31.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1         | A7NE (SW)                              | 718                          | 7       | 382886<br>397991 |
| 93     | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 70.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1               | A7NE (SW)                              | 722                          | 7       | 382866<br>398015 |
| 94     | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 1.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1          | A7NE (SW)                              | 732                          | 7       | 382824<br>398071 |

| Map ID | Details                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 95     | <b>OS Water Network Lines</b><br>Watercourse Form: Lock or flight of locks<br>Watercourse Length: 24.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1 | A7NE (SW)                              | 732                          | 7       | 382823<br>398072 |
| 96     | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 86.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1                   | A7NE (SW)                              | 739                          | 7       | 383082<br>397771 |
| 97     | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 135.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1                  | A12SW (SW)                             | 739                          | 7       | 382807<br>398090 |
| 98     | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 85.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1                   | A7NE (SW)                              | 742                          | 7       | 383068<br>397777 |
| 99     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 31.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1            | A8SW (S)                               | 808                          | 7       | 383315<br>397598 |
| 100    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 13.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1            | A8SW (S)                               | 817                          | 7       | 383468<br>397569 |
| 101    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 44.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Rochdale Canal<br>Catchment Name: Mersey<br>Primacy: 1                 | A8SE (S)                               | 823                          | 7       | 383498<br>397563 |
| 102    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 40.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Rochdale Canal<br>Catchment Name: Mersey<br>Primacy: 1                 | A8SW (S)                               | 823                          | 7       | 383480<br>397563 |
| 103    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 62.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1                   | A7SE (SW)                              | 823                          | 7       | 383044<br>397695 |

| Map ID | Details                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 104    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 281.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Rochdale Canal<br>Catchment Name: Mersey<br>Primacy: 1                | A8SE (S)                               | 825                          | 7       | 383533<br>397561 |
| 105    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 4.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Rochdale Canal<br>Catchment Name: Mersey<br>Primacy: 1                  | A8SE (S)                               | 825                          | 7       | 383524<br>397561 |
| 106    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 69.9<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Rochdale Canal<br>Catchment Name: Mersey<br>Primacy: 1                       | A8SW (S)                               | 826                          | 7       | 383439<br>397562 |
| 107    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 71.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Rochdale Canal<br>Catchment Name: Mersey<br>Primacy: 1                 | A8SW (S)                               | 830                          | 7       | 383362<br>397566 |
| 108    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 11.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Rochdale Canal<br>Catchment Name: Mersey<br>Primacy: 1                 | A8SW (S)                               | 837                          | 7       | 383299<br>397572 |
| 109    | <b>OS Water Network Lines</b><br>Watercourse Form: Lock or flight of locks<br>Watercourse Length: 24.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1 | A12SW (W)                              | 838                          | 7       | 382684<br>398125 |
| 110    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 6.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Bridgewater Canal<br>Catchment Name: Mersey<br>Primacy: 2               | A8SW (S)                               | 844                          | 7       | 383288<br>397568 |
| 111    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 225.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Rochdale Canal<br>Catchment Name: Mersey<br>Primacy: 1                | A8SW (S)                               | 844                          | 7       | 383288<br>397568 |
| 112    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 3132.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Irwell<br>Catchment Name: Mersey<br>Primacy: 1          | A18NW (N)                              | 846                          | 7       | 383463<br>399296 |



| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 113    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 21.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1   | A18NW (N)                              | 846                          | 7       | 383463<br>399296 |
| 114    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 31.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Bridgewater Canal<br>Catchment Name: Mersey<br>Primacy: 2     | A8SW (S)                               | 850                          | 7       | 383287<br>397562 |
| 115    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 160.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1         | A12SW (W)                              | 851                          | 7       | 382665<br>398140 |
| 116    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 58.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 1         | A7SE (SW)                              | 860                          | 7       | 382993<br>397685 |
| 117    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 48.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 1        | A7SE (SW)                              | 861                          | 7       | 382959<br>397708 |
| 118    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 448.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 1 | A7SE (SW)                              | 861                          | 7       | 382949<br>397716 |
| 119    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 10.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 1  | A7SE (SW)                              | 862                          | 7       | 382989<br>397685 |
| 120    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 185.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1  | A18NW (N)                              | 865                          | 7       | 383471<br>399315 |
| 121    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 11.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 2  | A7SE (SW)                              | 872                          | 7       | 382980<br>397679 |

| Map ID | Details                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 122    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 22.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1  | A8SE (S)                               | 877                          | 7       | 383806<br>397566 |
| 123    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 19.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Bridgewater Canal<br>Catchment Name: Mersey<br>Primacy: 2    | A8SW (S)                               | 881                          | 7       | 383281<br>397531 |
| 124    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 74.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 2        | A7SE (SW)                              | 883                          | 7       | 382970<br>397672 |
| 125    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 9.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 2         | A7SE (SW)                              | 884                          | 7       | 383020<br>397638 |
| 126    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 52.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 2        | A7SE (SW)                              | 894                          | 7       | 383017<br>397629 |
| 127    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 589.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Rochdale Canal<br>Catchment Name: Mersey<br>Primacy: 1      | A8SE (S)                               | 898                          | 7       | 383808<br>397543 |
| 128    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 285.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Bridgewater Canal<br>Catchment Name: Mersey<br>Primacy: 1   | A8SW (S)                               | 901                          | 7       | 383276<br>397513 |
| 129    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 42.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 1 | A8SW (S)                               | 901                          | 7       | 383276<br>397513 |
| 130    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 19.1<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 1       | A8SW (S)                               | 908                          | 7       | 383315<br>397496 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 131    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 29.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 1  | A8SW (S)                               | 913                          | 7       | 383334<br>397487 |
| 132    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 93.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Bridgewater Canal<br>Catchment Name: Mersey<br>Primacy: 1     | A7SE (SW)                              | 928                          | 7       | 383035<br>397579 |
| 133    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 34.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Bridgewater Canal<br>Catchment Name: Mersey<br>Primacy: 1     | A7SE (SW)                              | 928                          | 7       | 383035<br>397579 |
| 134    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 37.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 1  | A8SW (S)                               | 929                          | 7       | 383351<br>397468 |
| 135    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 113.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1         | A7SE (SW)                              | 949                          | 7       | 382887<br>397653 |
| 136    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 110.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Irk<br>Catchment Name: Mersey<br>Primacy: 1     | A19NW (NE)                             | 953                          | 7       | 384122<br>399174 |
| 137    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 299.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 1 | A8SW (S)                               | 956                          | 7       | 383374<br>397438 |
| 138    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 231.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 1 | A8SE (S)                               | 984                          | 7       | 383817<br>397456 |
| 139    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 205.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Medlock<br>Catchment Name: Mersey<br>Primacy: 1 | A8SE (S)                               | 984                          | 7       | 383817<br>397456 |

| Map ID | Details                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 140    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 200.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Bridgewater Canal<br>Catchment Name: Mersey<br>Primacy: 1 | A7SE (SW)                              | 994                          | 7       | 382945<br>397555 |
| 141    | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 49.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Mersey<br>Primacy: 1       | A7SE (SW)                              | 994                          | 7       | 382945<br>397555 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 142    | <b>Historical Landfill Sites</b><br>Licence Holder: Not Supplied<br>Location: Salford, Greater Manchester<br>Name: Wilburn Street<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD16529<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste: Not Supplied<br>Type:<br>EA Waste Ref: 0<br>Regis Ref: Not Supplied<br>WRC Ref: Not Supplied<br>BGS Ref: Not Supplied<br>Other Ref: E052                                                                                                                                   | A7NW (SW)                              | 813                          | 2       | 382807 397939 |
| 143    | <b>Historical Landfill Sites</b><br>Licence Holder: Not Supplied<br>Location: Salford, Greater Manchester<br>Name: Overbridge Road<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD17901<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste: Not Supplied<br>Type:<br>EA Waste Ref: 0<br>Regis Ref: Not Supplied<br>WRC Ref: Not Supplied<br>BGS Ref: Not Supplied<br>Other Ref: E090                                                                                                                                  | A18NW (N)                              | 858                          | 2       | 383482 399309 |
| 144    | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 50480<br>Location: Mobile Plant Permit<br>Operator Name: Soil & Water Remediation Ltd<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North West Region, South Area<br>Site Category: Mobile Plant<br><b>Licence Status: Transferred</b><br>Issued: 12th December 2006<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A7SE (SW)                              | 915                          | 2       | 382841 397739 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Manchester City Council<br>- Had landfill data but passed it to the relevant environment agency                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        | 0                            | 8       | 383489 398420 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Salford Metropolitan District Council<br>- Has no landfill data to supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        | 16                           | 4       | 383471 398455 |
| 145    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: NE<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1994                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A19NW (NE)                             | 946                          | -       | 383881 399317 |
| 146    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: SW<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1994                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A7SE (SW)                              | 1000                         | -       | 382943 397549 |
| 147    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A8NE (S)                               | 603                          | -       | 383588 397790 |
| 148    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A7NE (SW)                              | 629                          | -       | 382938 398076 |
| 149    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A12SE (SW)                             | 686                          | -       | 382854 398116 |
| 150    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A12SW (W)                              | 712                          | -       | 382783 398222 |

| Map ID | Details                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 151    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A7NE (SW)                              | 715                          | -       | 382877<br>398010 |
| 152    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1938 | A8SE (S)                               | 731                          | -       | 383777<br>397711 |
| 153    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1896 | A9NW (SE)                              | 752                          | -       | 383919<br>397764 |
| 154    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1909 | A9NW (SE)                              | 760                          | -       | 383909<br>397747 |
| 155    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A18NW (N)                              | 775                          | -       | 383468<br>399225 |
| 156    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A9NW (SE)                              | 784                          | -       | 384046<br>397827 |
| 157    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A9NW (SE)                              | 791                          | -       | 384086<br>397859 |
| 158    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1956 | A12SW (W)                              | 814                          | -       | 382718<br>398107 |
| 159    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A7SE (SW)                              | 839                          | -       | 383074<br>397659 |
| 160    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1956 | A7SE (SW)                              | 845                          | -       | 382975<br>397716 |
| 161    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1956 | A18NW (N)                              | 855                          | -       | 383485<br>399306 |
| 162    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A19NW (NE)                             | 862                          | -       | 383887<br>399222 |
| 163    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1956 | A9NW (SE)                              | 867                          | -       | 384134<br>397798 |
| 164    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A19NW (NE)                             | 907                          | -       | 383922<br>399254 |
| 165    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A17SW (NW)                             | 915                          | -       | 382649<br>398851 |
| 166    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A12NW (W)                              | 921                          | -       | 382586<br>398714 |
| 167    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1896 | A8SW (S)                               | 937                          | -       | 383339<br>397462 |
| 168    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1896 | A8SE (S)                               | 947                          | -       | 383799<br>397488 |
| 169    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1956 | A7SE (SW)                              | 949                          | -       | 382888<br>397652 |
| 170    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A7SE (SW)                              | 979                          | -       | 382856<br>397639 |
| 171    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848 | A7SE (SW)                              | 991                          | -       | 382954<br>397553 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 172    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1956                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A11SE (W)                              | 997                          | -       | 382467<br>398407 |
| 173    | <b>Registered Waste Transfer Sites</b><br>Licence Holder: Supertune Automotive Ltd<br>Licence Reference: 00604/90<br>Site Location: Gore Street, SALFORD, Greater Manchester, M3 5FP<br>Operator Location: Oldham Central Trading Park, Coulton Close, OLDHAM, Lancashire, OL1 4EB<br>Authority: Environment Agency - North West Region, South Area<br>Site Category: Transfer<br>Max Input Rate: Undefined<br>Waste Source: No known restriction on source of waste<br>Restrictions:<br>Licence Status: Site exempt from licenceExempt<br>Dated: 1st August 1990<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Hydrocarbons<br>Oxygen Containing Organic Compounds<br>Paint Waste \$                                                                                                                                          | A12NE (W)                              | 366                          | 2       | 383100<br>398480 |
| 174    | <b>Registered Waste Transfer Sites</b><br>Licence Holder: E & N Gregson & Co<br>Licence Reference: 00191<br>Site Location: Raval Street, Salford, Greater Manchester<br>Operator Location: Raval School, Salford, Greater Manchester<br>Authority: Environment Agency - North West Region, South Area<br>Site Category: Transfer<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source: No known restriction on source of waste<br>Restrictions:<br>Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 27th November 1981<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Latex, Latex/Rubber Sol'Ns/Susp'Ns<br>Oxygen Containing Organic Compounds<br>Paint Waste \$<br>Soaps & Detergents<br>Waste From Ink Manufacture And Use<br>Water (Contaminated) | A18SW (NW)                             | 598                          | 2       | 383228<br>398984 |
| 175    | <b>Registered Waste Transfer Sites</b><br>Licence Holder: Spray Shop Supplies Ltd<br>Licence Reference: 00858/92<br>Site Location: 2A Manchester Trading Estate, New Elm Road, Water Street, MANCHESTER, Greater Manchester, M3 4JV<br>Operator Location: As Site Address<br>Authority: Environment Agency - North West Region, South Area<br>Site Category: Transfer<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source: No known restriction on source of waste<br>Restrictions:<br>Licence Status: Site exempt from licenceExempt<br>Dated: 1st May 1993<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Max.Storage In Licence<br>Solvents & Thinners<br>Prohibited Waste: Explosive Waste<br>Malodorous Waste<br>Pressurized Containers/Waste Therein<br>Violently Reactive Wastes<br>Waste N.O.S.            | A7NE (SW)                              | 861                          | 2       | 382903<br>397754 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 176    | <b>Registered Waste Treatment or Disposal Sites</b><br>Licence Holder: Manchester Wharf Steel Ltd<br>Licence Reference: 00587<br>Site Location: Potato Wharf, MANCHESTER, Greater Manchester, M3 4LA<br>Operator Location: As Site Address<br>Authority: Environment Agency - North West Region, South Area<br>Site Category: Scrapyard<br>Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)<br>Waste Source: No known restriction on source of waste<br>Restrictions:<br>Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st May 1996<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Associated Non-Scrap<br>Max.Storage Of Ferrous Scrap<br>Pre-Sorted Scrap Metal Incl.<br>Scrap Vehicles<br>Prohibited Waste: Asbestos (Other Than Integral To Veh.)<br>Bulk Powders<br>Clinical Wastes<br>Explosive Waste<br>Highly Reactive Wastes<br>Pcbs And Analogues<br>Pressurised Wastes Or Cont'Rs<br>Special Wastes N.O.S.<br>Waste Drums (Unless Pre-Cleaned)<br>Waste N.O.S. | A7SE (SW)                              | 851                          | 2       | 382960<br>397720 |
| 177    | <b>Registered Waste Treatment or Disposal Sites</b><br>Licence Holder: A Cohen & Co (GB) Ltd<br>Licence Reference: 00933<br>Site Location: 2A Hulme Street, SALFORD, Greater Manchester, M5 4PY<br>Operator Location: Clareville House, 25/27 Oxenden Street, LONDON, Greater London, SW1Y 4EL<br>Authority: Environment Agency - North West Region, South Area<br>Site Category: Scrapyard<br>Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)<br>Waste Source: No known restriction on source of waste<br>Restrictions:<br>Licence Status: Site dormant<br>Dated: 1st May 1994<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Copper Compounds From Wire Drawing<br>Lead/Acid Batteries (Incl.Plastic)<br>Max.Waste Permitted By Licence<br>Scrap Mach'Y/Equip. - Non-Ferrous<br>Prohibited Waste: Explosive Waste<br>Liquid Waste N.O.S.<br>Press'D Containers Or Waste Therein<br>Waste N.O.S Whether/Not Pack.'Pre-Trt<br>Waste Reacting Violently With Water                                                                        | A12NW (W)                              | 963                          | 2       | 382500<br>398450 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Triassic Rocks (Undifferentiated)                                                                                                                                                                                                                                                                  | A13NE (NE)                             | 0                            | 1       | 383489<br>398420 |
|        | <b>BGS Estimated Soil Chemistry</b><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 | A13NE (NE)                             | 0                            | 1       | 383489<br>398420 |
|        | <b>BGS Estimated Soil Chemistry</b><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 | A13SW (S)                              | 308                          | 1       | 383396<br>398094 |
|        | <b>BGS Estimated Soil Chemistry</b><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 | A8NE (S)                               | 386                          | 1       | 383489<br>398000 |
|        | <b>BGS Estimated Soil Chemistry</b><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 | A8NE (S)                               | 455                          | 1       | 383651<br>397958 |
|        | <b>BGS Estimated Soil Chemistry</b><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: 200 - 300 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A18SE (N)                              | 549                          | 1       | 383500<br>399000 |
|        | <b>BGS Estimated Soil Chemistry</b><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: 200 - 300 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18SE (N)                              | 569                          | 1       | 383652<br>399000 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 200 - 300 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration: | A19SW (NE)                             | 700                          | 1       | 383930 399004 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic 25 - 35 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel <15 mg/kg<br>Concentration:     | A19SW (NE)                             | 706                          | 1       | 384047 398898 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic 25 - 35 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel <15 mg/kg<br>Concentration:     | A7NE (SW)                              | 716                          | 1       | 383121 397774 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A18NE (N)                              | 718                          | 1       | 383500 399169 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic 25 - 35 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 200 - 300 mg/kg<br>Nickel <15 mg/kg<br>Concentration:     | A19SW (NE)                             | 782                          | 1       | 384057 399000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:     | A18NE (N)                              | 816                          | 1       | 383500 399267 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 200 - 300 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:     | A18NE (N)                              | 816                          | 1       | 383505 399267 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 200 - 300 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration: | A19SW (NE)                             | 853                          | 1       | 384153 399000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 40 - 60 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A17NE (NW)                             | 869                          | 1       | 383000 399169 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A18NE (N)                              | 898                          | 1       | 383500 399349 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic 25 - 35 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration: | A9SW (SE)                              | 940                          | 1       | 383923 397548 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:     | A7NW (SW)                              | 981                          | 1       | 382678 397830 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>BGS Measured Urban Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 383620, 398440<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured 24.80 mg/kg<br>Concentration:<br>Cadmium Measured 2.20 mg/kg<br>Concentration:<br>Chromium Measured 74.20 mg/kg<br>Concentration:<br>Lead Measured 376.60 mg/kg<br>Concentration:<br>Nickel Measured 25.90 mg/kg<br>Concentration: | A13NE (E)                              | 110                          | 1       | 383620<br>398440 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 383240, 398740<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured 25.70 mg/kg<br>Concentration:<br>Cadmium Measured 1.00 mg/kg<br>Concentration:<br>Chromium Measured 91.40 mg/kg<br>Concentration:<br>Lead Measured 212.00 mg/kg<br>Concentration:<br>Nickel Measured 32.90 mg/kg<br>Concentration: | A13NW (NW)                             | 379                          | 1       | 383240<br>398740 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 383120, 398090<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured 28.10 mg/kg<br>Concentration:<br>Cadmium Measured 0.90 mg/kg<br>Concentration:<br>Chromium Measured 66.10 mg/kg<br>Concentration:<br>Lead Measured 436.60 mg/kg<br>Concentration:<br>Nickel Measured 32.50 mg/kg<br>Concentration: | A12SE (SW)                             | 471                          | 1       | 383120<br>398090 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 383870, 398810<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured 10.50 mg/kg<br>Concentration:<br>Cadmium Measured 0.30 mg/kg<br>Concentration:<br>Chromium Measured 43.80 mg/kg<br>Concentration:<br>Lead Measured 67.70 mg/kg<br>Concentration:<br>Nickel Measured 13.20 mg/kg<br>Concentration:  | A19SW (NE)                             | 515                          | 1       | 383870<br>398810 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 383880, 397770<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured 11.90 mg/kg<br>Concentration:<br>Cadmium Measured 0.30 mg/kg<br>Concentration:<br>Chromium Measured 55.90 mg/kg<br>Concentration:<br>Lead Measured 102.20 mg/kg<br>Concentration:<br>Nickel Measured 17.80 mg/kg<br>Concentration: | A9NW (SE)                              | 725                          | 1       | 383880<br>397770 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>BGS Measured Urban Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 383250, 397700<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured 16.40 mg/kg<br>Concentration:<br>Cadmium Measured 0.50 mg/kg<br>Concentration:<br>Chromium Measured 48.80 mg/kg<br>Concentration:<br>Lead Measured 147.70 mg/kg<br>Concentration:<br>Nickel Measured 21.10 mg/kg<br>Concentration: | A8SW (S)                               | 729                          | 1       | 383250<br>397700 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 382710, 398200<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured 18.30 mg/kg<br>Concentration:<br>Cadmium Measured 0.80 mg/kg<br>Concentration:<br>Chromium Measured 50.90 mg/kg<br>Concentration:<br>Lead Measured 215.70 mg/kg<br>Concentration:<br>Nickel Measured 18.60 mg/kg<br>Concentration: | A12SW (W)                              | 789                          | 1       | 382710<br>398200 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 382770, 398840<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured 19.10 mg/kg<br>Concentration:<br>Cadmium Measured 1.20 mg/kg<br>Concentration:<br>Chromium Measured 67.10 mg/kg<br>Concentration:<br>Lead Measured 316.70 mg/kg<br>Concentration:<br>Nickel Measured 30.00 mg/kg<br>Concentration: | A17SW (NW)                             | 804                          | 1       | 382770<br>398840 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 383270, 399230<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured 18.10 mg/kg<br>Concentration:<br>Cadmium Measured 0.90 mg/kg<br>Concentration:<br>Chromium Measured 86.30 mg/kg<br>Concentration:<br>Lead Measured 298.10 mg/kg<br>Concentration:<br>Nickel Measured 21.50 mg/kg<br>Concentration: | A18NW (N)                              | 812                          | 1       | 383270<br>399230 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 383700, 399300<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured 19.10 mg/kg<br>Concentration:<br>Cadmium Measured 2.10 mg/kg<br>Concentration:<br>Chromium Measured 74.20 mg/kg<br>Concentration:<br>Lead Measured 382.80 mg/kg<br>Concentration:<br>Nickel Measured 25.40 mg/kg<br>Concentration: | A18NE (N)                              | 872                          | 1       | 383700<br>399300 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>BGS Measured Urban Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 384380, 398240<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured 2.50 mg/kg<br>Concentration:<br>Cadmium Measured 0.30 mg/kg<br>Concentration:<br>Chromium Measured 28.60 mg/kg<br>Concentration:<br>Lead Measured 20.10 mg/kg<br>Concentration:<br>Nickel Measured 5.40 mg/kg<br>Concentration:                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A14SE (E)                              | 889                          | 1       | 384380<br>398240 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 382820, 397770<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured 20.00 mg/kg<br>Concentration:<br>Cadmium Measured 1.00 mg/kg<br>Concentration:<br>Chromium Measured 68.10 mg/kg<br>Concentration:<br>Lead Measured 232.70 mg/kg<br>Concentration:<br>Nickel Measured 25.60 mg/kg<br>Concentration:                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A7NE (SW)                              | 908                          | 1       | 382820<br>397770 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Grid: 384360, 398920<br>Soil Sample Type: Topsoil<br>Sample Area: Manchester<br>Arsenic Measured 15.00 mg/kg<br>Concentration:<br>Cadmium Measured 0.30 mg/kg<br>Concentration:<br>Chromium Measured 50.90 mg/kg<br>Concentration:<br>Lead Measured 198.50 mg/kg<br>Concentration:<br>Nickel Measured 17.70 mg/kg<br>Concentration:                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A19SE (NE)                             | 980                          | 1       | 384360<br>398920 |
|        | <b>BGS Urban Soil Chemistry Averages</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Sample Area: Manchester<br>Count Id: 300<br>Arsenic Minimum 3.00 mg/kg<br>Concentration:<br>Arsenic Average 28.00 mg/kg<br>Concentration:<br>Arsenic Maximum 1008.00 mg/kg<br>Concentration:<br>Cadmium Minimum 0.30 mg/kg<br>Concentration:<br>Cadmium Average 1.40 mg/kg<br>Concentration:<br>Cadmium Maximum 80.30 mg/kg<br>Concentration:<br>Chromium Minimum 29.00 mg/kg<br>Concentration:<br>Chromium Average 92.00 mg/kg<br>Concentration:<br>Chromium Maximum 1252.00 mg/kg<br>Concentration:<br>Lead Minimum 20.00 mg/kg<br>Concentration:<br>Lead Average 270.00 mg/kg<br>Concentration:<br>Lead Maximum 2687.00 mg/kg<br>Concentration:<br>Nickel Minimum 5.00 mg/kg<br>Concentration:<br>Nickel Average 32.00 mg/kg<br>Concentration:<br>Nickel Maximum 137.00 mg/kg<br>Concentration: | A13NE (NE)                             | 0                            | 1       | 383489<br>398420 |

| Map ID | Details                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Coal Mining Affected Areas</b><br>Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.  | A13NE (NE)                             | 0                            | 9       | 383489 398420 |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>No Hazard                                                                                                                                                                                                                |                                        |                              |         |               |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                     | A13NE (NE)                             | 0                            | 1       | 383489 398420 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                   | A13NE (NE)                             | 0                            | 1       | 383489 398420 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                    | A13NE (NE)                             | 0                            | 1       | 383489 398420 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                       | A13NE (NE)                             | 0                            | 1       | 383489 398420 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                         | A13NE (NE)                             | 0                            | 1       | 383489 398420 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                    | A13SE (SE)                             | 62                           | 1       | 383564 398382 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                         | A13SE (SE)                             | 231                          | 1       | 383659 398222 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                     | A13NE (NE)                             | 0                            | 1       | 383489 398420 |
|        | <b>Radon Potential - Radon Affected Areas</b><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 | A13NE (NE)                             | 0                            | 1       | 383489 398420 |
|        | <b>Radon Potential - Radon Protection Measures</b><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                     | A13NE (NE)                             | 0                            | 1       | 383489 398420 |

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| 178    | <b>Contemporary Trade Directory Entries</b><br>Name: Samson Hosiery Ltd<br>Location: Reedham House, 31 King Street West, Manchester, Greater Manchester, M3 2PJ<br>Classification: Lingerie & Hosiery Manufacturers & Wholesalers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address | A13SE (SE)                             | 23                           | -       | 383517 398375 |
| 178    | <b>Contemporary Trade Directory Entries</b><br>Name: Entwistle Group L T D<br>Location: Reedham House, 31, King Street West, Manchester, M3 2PN<br>Classification: Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                     | A13SE (SE)                             | 23                           | -       | 383517 398375 |
| 178    | <b>Contemporary Trade Directory Entries</b><br>Name: Toye Kenning & Spencer Ltd<br>Location: Reedham House, 31, King Street West, Manchester, M3 2PJ<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                      | A13SE (SE)                             | 24                           | -       | 383518 398375 |
| 178    | <b>Contemporary Trade Directory Entries</b><br>Name: K B Cleaning<br>Location: 31-33 King Street West, Manchester, M3 2PN<br>Classification: Cleaning Services - Commercial<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                              | A13SE (SE)                             | 25                           | -       | 383518 398374 |
| 178    | <b>Contemporary Trade Directory Entries</b><br>Name: Blue Print Reprographics<br>Location: 27-29, King Street West, Manchester, M3 2PN<br>Classification: Copying & Duplicating Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                        | A13SE (S)                              | 29                           | -       | 383511 398361 |
| 178    | <b>Contemporary Trade Directory Entries</b><br>Name: Simply Nails<br>Location: 38, King Street West, Manchester, Lancashire, M3 2WZ<br>Classification: Shop Fittings Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                       | A13SE (SE)                             | 70                           | -       | 383538 398330 |
| 179    | <b>Contemporary Trade Directory Entries</b><br>Name: C B I<br>Location: Cardinal House, 20, St. Marys Parsonage, Manchester, M3 2LY<br>Classification: Freight Forwarders<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                       | A13NE (NE)                             | 30                           | -       | 383531 398454 |
| 179    | <b>Contemporary Trade Directory Entries</b><br>Name: The Bedding Company<br>Location: Cardinal House, 20, St. Marys Parsonage, Manchester, M3 2LG<br>Classification: Bed & Mattress Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                               | A13NE (NE)                             | 30                           | -       | 383531 398454 |
| 180    | <b>Contemporary Trade Directory Entries</b><br>Name: Granada Dry Cleaners<br>Location: 71-73, Bridge Street, MANCHESTER, M3 2RH<br>Classification: Dry Cleaners<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                   | A13SE (SE)                             | 107                          | -       | 383560 398299 |
| 180    | <b>Contemporary Trade Directory Entries</b><br>Name: National Cleaning & Painting<br>Location: 52, Bridge Street, Manchester, M3 3BW<br>Classification: Cleaning Services - Commercial<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                          | A13SE (S)                              | 117                          | -       | 383539 398277 |
| 180    | <b>Contemporary Trade Directory Entries</b><br>Name: National Cleaning<br>Location: 52, Bridge Street, Manchester, M3 3BW<br>Classification: Cleaning Services - Commercial<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                     | A13SE (S)                              | 117                          | -       | 383539 398277 |

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| 180    | <b>Contemporary Trade Directory Entries</b><br>Name: National Cleaning<br>Location: 52, Bridge Street, MANCHESTER, M3 3BW<br>Classification: Commercial Cleaning Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                               | A13SE (S)                              | 117                          | -       | 383539<br>398277 |
| 180    | <b>Contemporary Trade Directory Entries</b><br>Name: Bright & Clean Manchester<br>Location: 26, Wood Street, Manchester, M3 3EF<br>Classification: Cleaning Services - Domestic<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                         | A13SE (S)                              | 143                          | -       | 383529<br>398247 |
| 180    | <b>Contemporary Trade Directory Entries</b><br>Name: Bright & Clean Manchester<br>Location: 26, Wood Street, Manchester, M3 3EF<br>Classification: Cleaning Services - Domestic<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                         | A13SE (S)                              | 146                          | -       | 383535<br>398245 |
| 181    | <b>Contemporary Trade Directory Entries</b><br>Name: M & M Office Cleaning Services Ltd<br>Location: Grampian House, 144, Deansgate, Manchester, M3 3EE<br>Classification: Commercial Cleaning Services<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                   | A13SE (SE)                             | 185                          | -       | 383603<br>398234 |
| 181    | <b>Contemporary Trade Directory Entries</b><br>Name: Recycle Nw<br>Location: Fourth Floor, Brazenose House, Manchester, Greater Manchester, M2 5AS<br>Classification: Office Furniture & Equipment<br><b>Status:</b> Active<br>Positional Accuracy: Manually positioned to the road within the address or location | A13SE (SE)                             | 213                          | -       | 383616<br>398210 |
| 181    | <b>Contemporary Trade Directory Entries</b><br>Name: Mbnk Ltd<br>Location: 123, Deansgate, Manchester, M3 2BY<br>Classification: Cookers - Sales & Service<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                              | A13SE (SE)                             | 229                          | -       | 383642<br>398209 |
| 181    | <b>Contemporary Trade Directory Entries</b><br>Name: Pharma Karma<br>Location: 123, Deansgate, Manchester, M3 2BY<br>Classification: Pharmaceutical Manufacturers & Distributors<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                        | A13SE (SE)                             | 229                          | -       | 383642<br>398209 |
| 182    | <b>Contemporary Trade Directory Entries</b><br>Name: Glyns Collections<br>Location: 26, Blackfriars Street, Salford, M3 5BQ<br>Classification: Furriers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                                 | A13NE (NE)                             | 191                          | -       | 383602<br>398613 |
| 182    | <b>Contemporary Trade Directory Entries</b><br>Name: Bullen Healthcare Group<br>Location: 26, Blackfriars Street, Salford, M3 5BQ<br>Classification: Disability Equipment - Manufacturers & Suppliers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                   | A13NE (NE)                             | 191                          | -       | 383602<br>398613 |
| 183    | <b>Contemporary Trade Directory Entries</b><br>Name: Klick<br>Location: 103 Deansgate, Manchester, Lancashire, M3 2BQ<br>Classification: Photographic Processors<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                                                 | A13SE (SE)                             | 196                          | -       | 383672<br>398298 |
| 183    | <b>Contemporary Trade Directory Entries</b><br>Name: The Flight Centre<br>Location: 103 Deansgate, Manchester, Lancashire, M3 2BQ<br>Classification: Airports<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                                                    | A13SE (SE)                             | 196                          | -       | 383672<br>398298 |
| 183    | <b>Contemporary Trade Directory Entries</b><br>Name: Colloides Naturels Ltd<br>Location: 121 Deansgate, Manchester, M3 2BW<br>Classification: Food Colouring, Flavouring & Additive Manufacturers & Distributors<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location | A13SE (SE)                             | 219                          | -       | 383650<br>398230 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 183    | <b>Contemporary Trade Directory Entries</b><br>Name: Apollo Blinds<br>Location: 9, John Dalton Street, Manchester, M2 6FW<br>Classification: Blinds, Awnings & Canopies<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                     | A13SE (SE)                             | 226                          | -       | 383683<br>398258 |
| 183    | <b>Contemporary Trade Directory Entries</b><br>Name: Scavolini Store<br>Location: 19 John Dalton St, Manchester, Lancashire, M2 6FW<br>Classification: Kitchen Furniture Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                               | A13SE (SE)                             | 257                          | -       | 383713<br>398248 |
| 183    | <b>Contemporary Trade Directory Entries</b><br>Name: Advanced Photo<br>Location: 25, John Dalton Street, Manchester, M2 6FW<br>Classification: Photographic Processors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                      | A13SE (SE)                             | 263                          | -       | 383719<br>398245 |
| 184    | <b>Contemporary Trade Directory Entries</b><br>Name: Smart Alex<br>Location: 16, Barlow's Croft, Salford, M3 5DY<br>Classification: Dry Cleaners<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                              | A13NE (N)                              | 198                          | -       | 383505<br>398649 |
| 184    | <b>Contemporary Trade Directory Entries</b><br>Name: Glyns Collections<br>Location: Conavon Court, 12, Blackfriars Street, Salford, M3 5BQ<br>Classification: Furriers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                        | A13NE (N)                              | 216                          | -       | 383567<br>398657 |
| 184    | <b>Contemporary Trade Directory Entries</b><br>Name: Spi Materials Ltd<br>Location: Conavon Court, 12, Blackfriars Street, Salford, Lancashire, M3 5PP<br>Classification: Tungsten Tool Manufacturers & Distributors<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location | A13NE (N)                              | 216                          | -       | 383567<br>398657 |
| 184    | <b>Contemporary Trade Directory Entries</b><br>Name: I A S Trading<br>Location: Conavon Court, 12, Blackfriars Street, Salford, Lancashire, M3 5BQ<br>Classification: Computer Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                         | A13NE (N)                              | 216                          | -       | 383567<br>398657 |
| 184    | <b>Contemporary Trade Directory Entries</b><br>Name: Capsule<br>Location: Hilton House 71-73, Chapel Street, Salford, M3 5BZ<br>Classification: Commercial Cleaning Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                  | A13NE (N)                              | 233                          | -       | 383530<br>398682 |
| 184    | <b>Contemporary Trade Directory Entries</b><br>Name: Manchester Executive Cleaners Ltd<br>Location: Hilton House, 71-73, Chapel Street, Salford, M3 5BZ<br>Classification: Commercial Cleaning Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                     | A13NE (N)                              | 233                          | -       | 383530<br>398682 |
| 184    | <b>Contemporary Trade Directory Entries</b><br>Name: Koot Ltd<br>Location: Hilton House, 71-73 Chapel St, Salford, Lancashire, M3 5BZ<br>Classification: Commercial Cleaning Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                | A13NE (N)                              | 233                          | -       | 383530<br>398682 |
| 185    | <b>Contemporary Trade Directory Entries</b><br>Name: Pro2col<br>Location: 101-115, Chapel Street, Salford, M3 5DN<br>Classification: Photographic Processors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                | A13NW (N)                              | 201                          | -       | 383445<br>398645 |
| 185    | <b>Contemporary Trade Directory Entries</b><br>Name: Silk Thomas Made To Measure Shirts<br>Location: Caxton Hall, 88-92, Chapel Street, Salford, Lancashire, M3 5DW<br>Classification: Shirt Makers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                  | A13NW (N)                              | 248                          | -       | 383423<br>398686 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 185    | <b>Contemporary Trade Directory Entries</b><br>Name: The Graphics<br>Location: Caxton Hall, 88-92, Chapel Street, Salford, Lancashire, M3 5DW<br>Classification: Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                                                         | A13NW (N)                              | 248                          | -       | 383423<br>398686 |
| 186    | <b>Contemporary Trade Directory Entries</b><br>Name: Colloides Naturels (UK) Ltd<br>Location: Regency Court, 62-66, Deansgate, Manchester, Lancashire, M3 2EN<br>Classification: Food Colouring, Flavours & Additive Manufacturers & Distributors<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location | A13NE (E)                              | 217                          | -       | 383716<br>398497 |
| 186    | <b>Contemporary Trade Directory Entries</b><br>Name: A K A Bespoke Jewellers<br>Location: 61-63, Barton Arcade, Manchester, M3 2BJ<br>Classification: Jewellery Manufacturers & Repairers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                  | A13NE (E)                              | 240                          | -       | 383747<br>398465 |
| 187    | <b>Contemporary Trade Directory Entries</b><br>Name: Merlin Repair Specialists Ltd<br>Location: 3, Hardman Street, Manchester, M3 3HF<br>Classification: Bath Resurfacing<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                                  | A13SW (S)                              | 221                          | -       | 383466<br>398167 |
| 187    | <b>Contemporary Trade Directory Entries</b><br>Name: Epos Manchester<br>Location: Unit 1-3 Hardman Street, Manchester, Greater Manchester, M1 1AG<br>Classification: Computer Manufacturers<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned to the address or location                                                         | A13SW (S)                              | 228                          | -       | 383454<br>398162 |
| 187    | <b>Contemporary Trade Directory Entries</b><br>Name: Burofloor<br>Location: 3, Hardman Street, Manchester, M3 3AW<br>Classification: Carpets & Rugs - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                                      | A13SW (S)                              | 233                          | -       | 383454<br>398156 |
| 187    | <b>Contemporary Trade Directory Entries</b><br>Name: Laserox<br>Location: 3, Hardman Street, Manchester, M3 3HF<br>Classification: Medical Equipment Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                                       | A13SW (S)                              | 233                          | -       | 383454<br>398156 |
| 188    | <b>Contemporary Trade Directory Entries</b><br>Name: Love Energy Savings<br>Location: Sixth Floor, City Wharf, 30, New Bailey Street, Salford, M3 5ER<br>Classification: Tyre Dealers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                    | A13SW (W)                              | 231                          | -       | 383233<br>398418 |
| 189    | <b>Contemporary Trade Directory Entries</b><br>Name: Currys Digital<br>Location: 22, St. Anns Square, Manchester, M2 7JB<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                          | A13SE (E)                              | 254                          | -       | 383764<br>398406 |
| 189    | <b>Contemporary Trade Directory Entries</b><br>Name: Sandys (UK) Ltd<br>Location: 6, St. Anns Square, Manchester, M2 7HN<br>Classification: Sports Equipment Manufacturers & Distributors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                | A13NE (E)                              | 263                          | -       | 383772<br>398452 |
| 189    | <b>Contemporary Trade Directory Entries</b><br>Name: Harrison Cleaning Specialists<br>Location: ST ANNES STREET, Manchester, Lancashire, M60 6AQ<br>Classification: Commercial Cleaning Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                  | A13SE (E)                              | 269                          | -       | 383774<br>398373 |
| 190    | <b>Contemporary Trade Directory Entries</b><br>Name: City Auto Service (Manchester)<br>Location: 15, New Bailey Street, Salford, M3 5FS<br>Classification: Mot Testing Centres<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                           | A13NW (W)                              | 256                          | -       | 383221<br>398516 |

| Map ID | Details                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 191    | <b>Contemporary Trade Directory Entries</b><br>Name: Local Transport Projects<br>Location: 2, Hardman Boulevard, Manchester, M3 3AQ<br>Classification: Agricultural Engineers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                               | A13SW (SW)                             | 262                          | -       | 383288<br>398216 |
| 192    | <b>Contemporary Trade Directory Entries</b><br>Name: Scrap My Car Now For Money Manchester Kws<br>Location: 4, Hardman Square, Manchester, M3 3EB<br>Classification: Car Breakers & Dismantlers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                           | A13SW (SW)                             | 263                          | -       | 383358<br>398160 |
| 193    | <b>Contemporary Trade Directory Entries</b><br>Name: Rollerblinds Ltd<br>Location: 46, Barton Arcade, Manchester, M3 2BH<br>Classification: Blinds, Awnings & Canopies<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                    | A13NE (E)                              | 263                          | -       | 383768<br>398478 |
| 194    | <b>Contemporary Trade Directory Entries</b><br>Name: Tanzo Passenger Services Ltd<br>Location: 34-36, King Street, Manchester, M2 6AZ<br>Classification: Bus & Coach Operators & Stations<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                 | A13SE (SE)                             | 268                          | -       | 383747<br>398292 |
| 195    | <b>Contemporary Trade Directory Entries</b><br>Name: Bikybiky Ltd<br>Location: Centurion House, 129 Deansgate, Manchester, Greater Manchester, M3 3WR<br>Classification: Cycle Accessories, Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address   | A13SE (SE)                             | 275                          | -       | 383636<br>398148 |
| 195    | <b>Contemporary Trade Directory Entries</b><br>Name: Premier Media Solutions<br>Location: Centurion House, 129 Deansgate, Manchester, Greater Manchester, M3 3WR<br>Classification: Computer Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                | A13SE (SE)                             | 275                          | -       | 383636<br>398148 |
| 195    | <b>Contemporary Trade Directory Entries</b><br>Name: R G B Facades<br>Location: St Johns House, 2-10 Queen Street, Manchester, Greater Manchester, M2 5JB<br>Classification: Distribution Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                          | A13SE (SE)                             | 297                          | -       | 383621<br>398116 |
| 196    | <b>Contemporary Trade Directory Entries</b><br>Name: Instadrinks Ltd<br>Location: Ridgefield House, 14, John Dalton Street, Manchester, Lancashire, M2 6JR<br>Classification: Vending Machine Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location        | A13SE (SE)                             | 279                          | -       | 383705<br>398200 |
| 196    | <b>Contemporary Trade Directory Entries</b><br>Name: Commercial Facilities<br>Location: Ridgefield House, 14, John Dalton Street, Manchester, Lancashire, M2 6JR<br>Classification: Cleaning Services - Commercial<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location | A13SE (SE)                             | 279                          | -       | 383705<br>398200 |
| 197    | <b>Contemporary Trade Directory Entries</b><br>Name: Manchester City Clean<br>Location: Apartment 710, Fresh, 138, Chapel Street, Salford, M3 6DE<br>Classification: Commercial Cleaning Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                         | A13NW (NW)                             | 287                          | -       | 383235<br>398607 |
| 197    | <b>Contemporary Trade Directory Entries</b><br>Name: Bridgewater Ales<br>Location: 142, Chapel Street, Salford, M3 6AF<br>Classification: Brewers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                         | A13NW (NW)                             | 323                          | -       | 383192<br>398610 |
| 198    | <b>Contemporary Trade Directory Entries</b><br>Name: B M Tec<br>Location: 87-88 Cross Street, Salford, Greater Manchester, M3 7AX<br>Classification: Garage Services<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned to the address or location                                                 | A13NW (N)                              | 293                          | -       | 383381<br>398719 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 199    | <b>Contemporary Trade Directory Entries</b><br>Name: George Ellis & Sons Ltd<br>Location: 54-60, Chapel Street, Salford, M3 7AA<br>Classification: Office Furniture & Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                  | A13NE (N)                              | 299                          | -       | 383591 398736 |
| 199    | <b>Contemporary Trade Directory Entries</b><br>Name: Atlas Office Equipment Ltd<br>Location: 52, Chapel Street, Salford, Lancashire, M3 7AA<br>Classification: Seating Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                                      | A13NE (N)                              | 299                          | -       | 383591 398736 |
| 199    | <b>Contemporary Trade Directory Entries</b><br>Name: George Ellis & Sons Ltd<br>Location: 54-60, Chapel Street, Salford, M3 7AA<br>Classification: Office Furniture & Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                  | A13NE (N)                              | 299                          | -       | 383591 398736 |
| 200    | <b>Contemporary Trade Directory Entries</b><br>Name: A Everall<br>Location: 3, Blackfriars Road, Salford, M3 7AG<br>Classification: Car Body Repairs<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                                                               | A18SW (N)                              | 311                          | -       | 383462 398760 |
| 200    | <b>Contemporary Trade Directory Entries</b><br>Name: M P L G Ltd<br>Location: Solmar House, 2, Cross Street, Salford, M3 7AX<br>Classification: Bags, Belts & Accessories - Manufacturers & Suppliers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                              | A18SW (N)                              | 318                          | -       | 383414 398757 |
| 200    | <b>Contemporary Trade Directory Entries</b><br>Name: Valentine Bags Ltd<br>Location: 7-9, Blackfriars Road, Salford, M3 7AG<br>Classification: Leather Garments & Products<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                       | A18SW (N)                              | 333                          | -       | 383442 398779 |
| 201    | <b>Contemporary Trade Directory Entries</b><br>Name: Ramboll<br>Location: Kings Court, 2-4, Exchange Street, Manchester, M2 7HA<br>Classification: Engineers - General<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                           | A13NE (E)                              | 312                          | -       | 383813 398501 |
| 202    | <b>Contemporary Trade Directory Entries</b><br>Name: A Kenny Asphalt Ltd<br>Location: Unit 4, The Cottages, Deva Centre, Trinity Way, Salford, Lancashire, M3 7BE<br>Classification: Asphalt & Coated Macadam Laying Contractors<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address | A13NW (NW)                             | 313                          | -       | 383242 398655 |
| 202    | <b>Contemporary Trade Directory Entries</b><br>Name: E B Office Interiors Ltd<br>Location: Unit 4/A, The Cottages, Deva Centre, Trinity Way, Salford, M3 7BE<br>Classification: Office Furniture & Equipment<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                       | A13NW (NW)                             | 313                          | -       | 383242 398655 |
| 203    | <b>Contemporary Trade Directory Entries</b><br>Name: Thomas Pink<br>Location: 58, King Street, Manchester, M2 4LY<br>Classification: Shirt Makers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                                                                  | A13SE (SE)                             | 323                          | -       | 383803 398286 |
| 203    | <b>Contemporary Trade Directory Entries</b><br>Name: Jonathan Kaye<br>Location: Third Floor, James Binney House, 52, Cross Street, Manchester, M2 7AR<br>Classification: Jewellery Manufacturers & Repairers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                     | A14SW (E)                              | 332                          | -       | 383826 398323 |
| 203    | <b>Contemporary Trade Directory Entries</b><br>Name: Now Time<br>Location: James Binney House, 52, Cross Street, Manchester, M2 7AR<br>Classification: Printers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                                  | A14SW (E)                              | 332                          | -       | 383826 398323 |

| Map ID | Details                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 203    | <b>Contemporary Trade Directory Entries</b><br>Name: Harrisons Cleaning Specialists<br>Location: National House, 36, St. Ann Street, Manchester, M60 8HF<br>Classification: Commercial Cleaning Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address             | A14SW (E)                              | 338                          | -       | 383838<br>398343 |
| 203    | <b>Contemporary Trade Directory Entries</b><br>Name: Pure Beauty<br>Location: 49, King Street, Manchester, Lancashire, M2 7AY<br>Classification: Toiletries<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                                   | A14SW (E)                              | 342                          | -       | 383832<br>398310 |
| 203    | <b>Contemporary Trade Directory Entries</b><br>Name: Lacamanda Ltd<br>Location: EAGLE BUILDINGS, 64, CROSS STREET, MANCHESTER, M2 4JQ<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                            | A14SW (SE)                             | 354                          | -       | 383833<br>398276 |
| 204    | <b>Contemporary Trade Directory Entries</b><br>Name: Northern Image Centre<br>Location: Invicta House, 2-4, Atkinson Street, Manchester, Lancashire, M3 3HH<br>Classification: Copying & Duplicating Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location | A8NE (S)                               | 324                          | -       | 383520<br>398062 |
| 204    | <b>Contemporary Trade Directory Entries</b><br>Name: Proteintech Europe<br>Location: 196, Deansgate, Manchester, M3 3WF<br>Classification: Laboratory Equipment, Instruments & Supplies<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                | A8NE (S)                               | 365                          | -       | 383525<br>398021 |
| 204    | <b>Contemporary Trade Directory Entries</b><br>Name: Call Print<br>Location: 198, Deansgate, Manchester, M3 3NE<br>Classification: Printers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                            | A8NE (S)                               | 371                          | -       | 383526<br>398016 |
| 204    | <b>Contemporary Trade Directory Entries</b><br>Name: Call Print<br>Location: 198, Deansgate, MANCHESTER, M3 3NE<br>Classification: Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                          | A8NE (S)                               | 371                          | -       | 383526<br>398016 |
| 205    | <b>Contemporary Trade Directory Entries</b><br>Name: Molton Brown<br>Location: 7, St. Anns Square, Manchester, M2 7EF<br>Classification: Homefurnishings - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                             | A14NW (E)                              | 332                          | -       | 383842<br>398442 |
| 206    | <b>Contemporary Trade Directory Entries</b><br>Name: Lee'S Motors<br>Location: New Kings Head Yard, Chapel St, Salford, Lancashire, M3 7AA<br>Classification: Car Body Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                | A18SE (NE)                             | 339                          | -       | 383644<br>398758 |
| 206    | <b>Contemporary Trade Directory Entries</b><br>Name: Rayners Autocraft<br>Location: 15c Chapel St, Salford, Lancashire, M3 7AA<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                             | A13NE (NE)                             | 350                          | -       | 383679<br>398752 |
| 207    | <b>Contemporary Trade Directory Entries</b><br>Name: Davidson Powell Design<br>Location: 40, John Dalton Street, Manchester, M2 6LE<br>Classification: Jewellery Manufacturers & Repairers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                           | A13SE (SE)                             | 346                          | -       | 383781<br>398190 |
| 208    | <b>Contemporary Trade Directory Entries</b><br>Name: Industrial Tomography Systems<br>Location: Sunlight House, Quay Street, Manchester, M3 3JZ<br>Classification: Scientific Apparatus & Instruments - Manufacturers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address  | A8NW (S)                               | 347                          | -       | 383473<br>398039 |

| Map ID | Details                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 209    | <b>Contemporary Trade Directory Entries</b><br>Name: Scrap My Car Now For Money Manchester Kws<br>Location: Croxley House, Manchester, Lancashire, M2 5ND<br>Classification: Car Breakers & Dismantlers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality | A8NE (SE)                              | 355                          | -       | 383667 398074 |
| 209    | <b>Contemporary Trade Directory Entries</b><br>Name: The Leaflet Company<br>Location: Manchester, M2 5ND<br>Classification: Distribution Services<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                                                      | A8NE (SE)                              | 355                          | -       | 383667 398074 |
| 210    | <b>Contemporary Trade Directory Entries</b><br>Name: Paul Moy Associates<br>Location: Unit 5, Brewery Yard, Deva Centre, Trinity Way, Salford, M3 7BB<br>Classification: Mechanical Engineers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                        | A18SW (NW)                             | 363                          | -       | 383322 398768 |
| 211    | <b>Contemporary Trade Directory Entries</b><br>Name: The Antique Fireplace<br>Location: Royal Exchange Shopping Centre, Manchester, Lancashire, M2 7DB<br>Classification: Fireplaces & Mantelpieces<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location           | A14NW (E)                              | 365                          | -       | 383866 398508 |
| 211    | <b>Contemporary Trade Directory Entries</b><br>Name: Penhaligons<br>Location: Royal Exchange, Manchester, M2 7TT<br>Classification: Perfume Suppliers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                                | A14NW (E)                              | 367                          | -       | 383872 398491 |
| 212    | <b>Contemporary Trade Directory Entries</b><br>Name: Brayziers Technical Tubes Ltd<br>Location: Ferguson House, 11, Blackfriars Road, Salford, Lancashire, M3 7AG<br>Classification: Engineers - General<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location      | A18SW (N)                              | 365                          | -       | 383411 398805 |
| 212    | <b>Contemporary Trade Directory Entries</b><br>Name: Samuel Bruce<br>Location: 21, Blackfriars Road, Salford, M3 7AQ<br>Classification: Furniture Manufacturers - Home & Office<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                      | A18SW (N)                              | 378                          | -       | 383396 398814 |
| 213    | <b>Contemporary Trade Directory Entries</b><br>Name: Direct Line Rescue<br>Location: 17, Quay Street, Manchester, M3 3HN<br>Classification: Car Breakdown & Recovery Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                        | A8NW (S)                               | 395                          | -       | 383394 398004 |
| 213    | <b>Contemporary Trade Directory Entries</b><br>Name: Parkgate Shipping Ltd<br>Location: Third Floor, Byrom House, 21, Quay Street, Manchester, M3 3JD<br>Classification: Freight Forwarders<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                          | A8NW (S)                               | 402                          | -       | 383345 398013 |
| 214    | <b>Contemporary Trade Directory Entries</b><br>Name: Gazprom Marketing & Trading Retail Ltd<br>Location: Quay St, Manchester, Lancashire, M3 3GY<br>Classification: Gas Suppliers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location             | A8NW (SW)                              | 396                          | -       | 383270 398058 |
| 214    | <b>Contemporary Trade Directory Entries</b><br>Name: Gazprom Marketing & Trading Retail Ltd<br>Location: 27, Quay Street, Manchester, M3 3GY<br>Classification: Gas Suppliers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                        | A8NW (SW)                              | 435                          | -       | 383232 398036 |
| 214    | <b>Contemporary Trade Directory Entries</b><br>Name: Gazprom Marketing & Trading<br>Location: 27, Quay Street, Manchester, M3 3GY<br>Classification: Gas Companies<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                   | A8NW (SW)                              | 435                          | -       | 383232 398036 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 215    | <b>Contemporary Trade Directory Entries</b><br>Name: The Offices<br>Location: 53 King Street, Manchester, Greater Manchester, M2 4LQ<br>Classification: Office Equipment Servicing & Maintenance<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                         | A14SW (E)                              | 397                          | -       | 383885<br>398295 |
| 215    | <b>Contemporary Trade Directory Entries</b><br>Name: Direct Service Solutions<br>Location: 53 King Street, Manchester, Greater Manchester, M2 4LQ<br>Classification: Commercial Cleaning Services<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                          | A14SW (E)                              | 397                          | -       | 383885<br>398295 |
| 216    | <b>Contemporary Trade Directory Entries</b><br>Name: Johnsons The Cleaners<br>Location: 61, Cross Street, Manchester, M2 4JW<br>Classification: Dry Cleaners<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                                                               | A14SW (SE)                             | 398                          | -       | 383842<br>398188 |
| 216    | <b>Contemporary Trade Directory Entries</b><br>Name: Max Spielmann<br>Location: 59a, Cross Street, Manchester, Lancashire, M2 4JW<br>Classification: Photographic Processors<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                             | A14SW (SE)                             | 398                          | -       | 383845<br>398194 |
| 216    | <b>Contemporary Trade Directory Entries</b><br>Name: Cannon Electrical Contractors (Manchester) Ltd<br>Location: 8, Clarence Street, Manchester, M2 4DW<br>Classification: Electrical Engineers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                          | A14SW (SE)                             | 427                          | -       | 383872<br>398182 |
| 216    | <b>Contemporary Trade Directory Entries</b><br>Name: Inpeto Ltd<br>Location: Northern Assurance Building, 9-21, Princess Street, Manchester, Lancashire, M2 4DN<br>Classification: Pet Foods & Animal Feeds<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                       | A14SW (SE)                             | 427                          | -       | 383872<br>398182 |
| 217    | <b>Contemporary Trade Directory Entries</b><br>Name: Boda Skins<br>Location: Lloyds House, 18-22, Lloyd Street, Manchester, M2 5WA<br>Classification: Leather Garments & Products<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                        | A8NE (SE)                              | 399                          | -       | 383718<br>398054 |
| 217    | <b>Contemporary Trade Directory Entries</b><br>Name: Manchester Chemicals & Pigments Ltd<br>Location: Lloyds House, 18-22, Lloyd Street, Manchester, Lancashire, M2 5WA<br>Classification: Chemicals - Distributors & Wholesalers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location | A8NE (SE)                              | 399                          | -       | 383718<br>398054 |
| 218    | <b>Contemporary Trade Directory Entries</b><br>Name: Lexcorp Group<br>Location: 31 Blackfriars Rd, Salford, Lancashire, M3 7AQ<br>Classification: Distribution Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality                                                     | A18SW (N)                              | 399                          | -       | 383364<br>398826 |
| 219    | <b>Contemporary Trade Directory Entries</b><br>Name: John Roberts<br>Location: Chapel House, 172, Chapel Street, Salford, M3 6BG<br>Classification: Printers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                                             | A12NE (W)                              | 401                          | -       | 383089<br>398577 |
| 219    | <b>Contemporary Trade Directory Entries</b><br>Name: Printing.Com<br>Location: 2, City Point, 156, Chapel Street, Salford, Lancashire, M3 6BF<br>Classification: Printers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                                                         | A12NE (W)                              | 431                          | -       | 383064<br>398596 |



| Map ID | Details                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 219    | <b>Contemporary Trade Directory Entries</b><br>Name: M C W Plant<br>Location: City Point, 156 Chapel St, Salford, Lancashire, M3 6ET<br>Classification: Plant & Machinery Repairs<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality    | A12NE (W)                              | 431                          | -       | 383064<br>398596 |
| 220    | <b>Contemporary Trade Directory Entries</b><br>Name: New Brush Cleaning Services<br>Location: Manchester, Greater Manchester, M2 4NH<br>Classification: Commercial Cleaning Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality | A14SW (SE)                             | 405                          | -       | 383877<br>398248 |
| 220    | <b>Contemporary Trade Directory Entries</b><br>Name: Alex Atkinson-Fletcher Ltd<br>Location: 76 King Street, Manchester, Greater Manchester, M2 4NH<br>Classification: Printers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                     | A14SW (SE)                             | 405                          | -       | 383877<br>398248 |
| 220    | <b>Contemporary Trade Directory Entries</b><br>Name: Wardell Armstrong LLP<br>Location: 76 King Street, Manchester, Greater Manchester, M2 4NH<br>Classification: Engineers - General<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address             | A14SW (SE)                             | 405                          | -       | 383877<br>398248 |
| 220    | <b>Contemporary Trade Directory Entries</b><br>Name: Incanthera Ltd<br>Location: 76 King Street, Manchester, Greater Manchester, M2 4NH<br>Classification: Laboratories<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                             | A14SW (SE)                             | 405                          | -       | 383877<br>398248 |
| 220    | <b>Contemporary Trade Directory Entries</b><br>Name: Yourprintingsolutionltd.Co.Uk<br>Location: 76, KING STREET, MANCHESTER, M2 4NH<br>Classification: Office Furniture & Equipment<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                 | A14SW (SE)                             | 405                          | -       | 383877<br>398248 |
| 220    | <b>Contemporary Trade Directory Entries</b><br>Name: Wsc Cleaning<br>Location: 82 King St, Manchester, Lancashire, M2 4WQ<br>Classification: Cleaning Services - Domestic<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                         | A14SW (E)                              | 446                          | -       | 383923<br>398256 |
| 220    | <b>Contemporary Trade Directory Entries</b><br>Name: Mxm<br>Location: 82, King Street, Manchester, Lancashire, M2 4WQ<br>Classification: Medical Equipment Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                   | A14SW (E)                              | 446                          | -       | 383923<br>398256 |
| 220    | <b>Contemporary Trade Directory Entries</b><br>Name: Firemart<br>Location: 82, King Street, Manchester, M2 4WQ<br>Classification: Firefighting Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                          | A14SW (E)                              | 447                          | -       | 383923<br>398256 |
| 221    | <b>Contemporary Trade Directory Entries</b><br>Name: Arnold Clark<br>Location: Blackfriars Road, Salford, M3 7AP<br>Classification: Car Dealers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                   | A18SW (N)                              | 423                          | -       | 383411<br>398865 |
| 222    | <b>Contemporary Trade Directory Entries</b><br>Name: Max Spielmann<br>Location: Uk12, Marsden Way South, Manchester, Lancashire, M4 3AT<br>Classification: Photographic Processors<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality   | A14NW (E)                              | 428                          | -       | 383931<br>398506 |
| 223    | <b>Contemporary Trade Directory Entries</b><br>Name: All Vaux<br>Location: Unit 4, Norton St, Salford, Lancashire, M3 7NW<br>Classification: Garage Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location               | A18SE (N)                              | 432                          | -       | 383604<br>398870 |

| Map ID | Details                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 223    | <b>Contemporary Trade Directory Entries</b><br>Name: Bruntwood Wrought Iron<br>Location: Unit 5 Norton St, Salford, Lancashire, M3 7NW<br>Classification: Gate Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                       | A18SE (N)                              | 435                          | -       | 383612<br>398872 |
| 223    | <b>Contemporary Trade Directory Entries</b><br>Name: Salford Diesel Services<br>Location: Unit 2, Norton Street, Salford, M3 7NW<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                       | A18SE (N)                              | 439                          | -       | 383622<br>398873 |
| 223    | <b>Contemporary Trade Directory Entries</b><br>Name: New Pit Stop Garage<br>Location: 1, Norton Street, Salford, Lancashire, M3 7NW<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                    | A18SE (N)                              | 439                          | -       | 383622<br>398873 |
| 223    | <b>Contemporary Trade Directory Entries</b><br>Name: Royal Sun Alliance Insurance N D T Testing Facility<br>Location: Unit 7-8, Norton Street, Salford, M3 7NW<br>Classification: X-Ray Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                          | A18SE (N)                              | 439                          | -       | 383622<br>398873 |
| 224    | <b>Contemporary Trade Directory Entries</b><br>Name: Hobs Repro<br>Location: 244 Deansgate, Manchester, Greater Manchester, M3 4BQ<br>Classification: Printers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                              | A8NE (S)                               | 441                          | -       | 383503<br>397945 |
| 224    | <b>Contemporary Trade Directory Entries</b><br>Name: Hobs On Site<br>Location: 244, Deansgate, Manchester, Lancashire, M3 4BQ<br>Classification: Copying & Duplicating Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                    | A8NE (S)                               | 441                          | -       | 383503<br>397945 |
| 224    | <b>Contemporary Trade Directory Entries</b><br>Name: Lotus (Manchester)<br>Location: 229-235, Deansgate, Manchester, Lancashire, M3 4EN<br>Classification: Car Dealers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                    | A8NE (S)                               | 482                          | -       | 383524<br>397905 |
| 225    | <b>Contemporary Trade Directory Entries</b><br>Name: William Street Motors<br>Location: 32, William Street, Salford, M3 6AU<br>Classification: Car Body Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                           | A12NE (NW)                             | 441                          | -       | 383085<br>398660 |
| 226    | <b>Contemporary Trade Directory Entries</b><br>Name: Scrap My Car Now For Money Manchester Kws<br>Location: Lawrence Buildings, Manchester, Lancashire, M2 5WQ<br>Classification: Car Breakers & Dismantlers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality | A8NE (SE)                              | 459                          | -       | 383774<br>398020 |
| 226    | <b>Contemporary Trade Directory Entries</b><br>Name: Mount Distribution Ltd<br>Location: 2 Mount Street, Manchester, Greater Manchester, M2 5WQ<br>Classification: Distribution Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                    | A8NE (SE)                              | 459                          | -       | 383773<br>398020 |
| 227    | <b>Contemporary Trade Directory Entries</b><br>Name: M G S<br>Location: Blackfriars Rd, Salford, Lancashire, M3 7AQ<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                             | A18SW (N)                              | 468                          | -       | 383320<br>398883 |
| 228    | <b>Contemporary Trade Directory Entries</b><br>Name: Frank Pine<br>Location: 1, Crown Street, Salford, M3 7DH<br>Classification: Knitting Yarn Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                | A18SW (NW)                             | 473                          | -       | 383268<br>398865 |

| Map ID | Details                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 228    | <b>Contemporary Trade Directory Entries</b><br>Name: Renault Service Centre<br>Location: 56, Bury Street, Salford, M3 7DA<br>Classification: Mot Testing Centres<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                              | A18SW (NW)                             | 473                          | -       | 383232<br>398846 |
| 229    | <b>Contemporary Trade Directory Entries</b><br>Name: Kinnarps (Uk) Ltd<br>Location: Colchester House, 38-40, Peter Street, Manchester, M2 5GP<br>Classification: Office Furniture & Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address | A8NE (S)                               | 473                          | -       | 383644<br>397937 |
| 229    | <b>Contemporary Trade Directory Entries</b><br>Name: R M R I Ltd<br>Location: 44, Peter Street, Manchester, Lancashire, M2 5GP<br>Classification: Materials Handling Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                | A8NE (S)                               | 484                          | -       | 383661<br>397930 |
| 230    | <b>Contemporary Trade Directory Entries</b><br>Name: Manchester City Council<br>Location: Town Hall, Albert Square, Manchester, Lancashire, M2 5DB<br>Classification: Waste Disposal Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address | A14SW (SE)                             | 475                          | -       | 383867<br>398089 |
| 231    | <b>Contemporary Trade Directory Entries</b><br>Name: The Perfume Shop<br>Location: 9a, Arndale Centre, Manchester, M4 3AB<br>Classification: Perfume Suppliers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                | A14NW (E)                              | 479                          | -       | 383985<br>398496 |
| 231    | <b>Contemporary Trade Directory Entries</b><br>Name: Fragrance Shop<br>Location: 9a, Arndale Centre, Manchester, M4 3AB<br>Classification: Perfume Suppliers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                    | A14NW (E)                              | 479                          | -       | 383985<br>398496 |
| 231    | <b>Contemporary Trade Directory Entries</b><br>Name: Klick<br>Location: 27 Market St, Manchester, Lancashire, M1 1WR<br>Classification: Photographic Processors<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                        | A14NW (E)                              | 479                          | -       | 383984<br>398496 |
| 231    | <b>Contemporary Trade Directory Entries</b><br>Name: Klick Photopoint<br>Location: 27, Market Street, Manchester, Lancashire, M1 1WR<br>Classification: Photographic Processors<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location        | A14NW (E)                              | 480                          | -       | 383985<br>398496 |
| 232    | <b>Contemporary Trade Directory Entries</b><br>Name: Dr'S Batley & Bisset<br>Location: 11, St. John Street, Manchester, M3 4DW<br>Classification: X-Ray Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                              | A8NW (S)                               | 487                          | -       | 383419<br>397905 |
| 233    | <b>Contemporary Trade Directory Entries</b><br>Name: P & A Autobodies<br>Location: 49-51 Queen St, Salford, Lancashire, M3 7DQ<br>Classification: Car Body Repairs<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                     | A18SW (N)                              | 488                          | -       | 383365<br>398920 |
| 233    | <b>Contemporary Trade Directory Entries</b><br>Name: A C Body Services<br>Location: 49, Queen Street, Salford, M3 7DQ<br>Classification: Car Body Repairs<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                     | A18SW (N)                              | 489                          | -       | 383365<br>398921 |
| 233    | <b>Contemporary Trade Directory Entries</b><br>Name: Queen Street Motors<br>Location: 49, Queen Street, SALFORD, M3 7DQ<br>Classification: Car Body Repairs<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                   | A18SW (N)                              | 489                          | -       | 383365<br>398921 |

| Map ID | Details                                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 234    | <b>Contemporary Trade Directory Entries</b><br>Name: Discovery Forensics<br>Location: PALL MALL COURT 61-67, KING STREET, MANCHESTER, M2 4PD<br>Classification: Laboratories<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                    | A14SW (E)                              | 489                          | -       | 383979<br>398287 |
| 234    | <b>Contemporary Trade Directory Entries</b><br>Name: J M B Professional<br>Location: Pall Mall Court, 61-67 King Street, Manchester, Greater Manchester, M2 4PD<br>Classification: Commercial Cleaning Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address | A14SW (E)                              | 489                          | -       | 383979<br>398287 |
| 235    | <b>Contemporary Trade Directory Entries</b><br>Name: Down Under<br>Location: 47, Peter Street, Manchester, Lancashire, M2 3NG<br>Classification: Abattoirs<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                             | A8NE (SE)                              | 493                          | -       | 383742<br>397958 |
| 235    | <b>Contemporary Trade Directory Entries</b><br>Name: Strong Mechanical Services<br>Location: Peter St, Manchester, Lancashire, M2 3NQ<br>Classification: Mechanical Engineers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location          | A8NE (SE)                              | 530                          | -       | 383770<br>397932 |
| 236    | <b>Contemporary Trade Directory Entries</b><br>Name: Buildings 2 Clean<br>Location: 237-239, Deansgate, Manchester, M3 4EN<br>Classification: Commercial Cleaning Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                      | A8NE (S)                               | 495                          | -       | 383521<br>397891 |
| 237    | <b>Contemporary Trade Directory Entries</b><br>Name: Duty Free<br>Location: R26-R27, Unit, Marsden Way South, Manchester, Lancashire, M4 3AT<br>Classification: Perfume Suppliers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                             | A14NW (E)                              | 496                          | -       | 383986<br>398567 |
| 238    | <b>Contemporary Trade Directory Entries</b><br>Name: Manchester Pathology Group<br>Location: 27, Byrom Street, Manchester, M3 4PF<br>Classification: Medical & Dental Laboratories<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                            | A8NW (S)                               | 498                          | -       | 383367<br>397905 |
| 239    | <b>Contemporary Trade Directory Entries</b><br>Name: Frank Rostron<br>Location: 39, Princess Street, Manchester, M2 4FN<br>Classification: Shirt Makers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                       | A14SW (SE)                             | 498                          | -       | 383924<br>398130 |
| 239    | <b>Contemporary Trade Directory Entries</b><br>Name: Cheshire Shirtmakers Ltd<br>Location: 39, Princess Street, Manchester, Lancashire, M2 4FN<br>Classification: Shirt Makers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                | A14SW (SE)                             | 498                          | -       | 383924<br>398130 |
| 239    | <b>Contemporary Trade Directory Entries</b><br>Name: Nisbets<br>Location: 12 Booth Street, Manchester, Greater Manchester, M2 4AW<br>Classification: Catering Equipment<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                         | A14SW (SE)                             | 535                          | -       | 383971<br>398140 |
| 240    | <b>Contemporary Trade Directory Entries</b><br>Name: Car Care Express<br>Location: Arch 4, Irwell Street, Salford, Lancashire, M3 5EN<br>Classification: Car Body Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                     | A12SE (W)                              | 499                          | -       | 382967<br>398385 |
| 240    | <b>Contemporary Trade Directory Entries</b><br>Name: Zico Cars<br>Location: Arch 4, Irwell Street, Salford, M3 5EN<br>Classification: Car Dealers - Used<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                      | A12SE (W)                              | 499                          | -       | 382967<br>398385 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 241    | <b>Contemporary Trade Directory Entries</b><br>Name: Comus Waste<br>Location: 15a Gorton St, Salford, Lancashire, M3 7WN<br>Classification: Waste Disposal Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                                   | A18SE (N)                              | 501                          | -       | 383676<br>398920 |
| 241    | <b>Contemporary Trade Directory Entries</b><br>Name: Upton Auto Body Repairs<br>Location: 15a Gorton St, Salford, Lancashire, M3 7WN<br>Classification: Car Body Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                              | A18SE (N)                              | 503                          | -       | 383678<br>398922 |
| 241    | <b>Contemporary Trade Directory Entries</b><br>Name: Pitstop Ltd<br>Location: 15a Gorton Street, Salford, Greater Manchester, M3 7WN<br>Classification: Car Body Repairs<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                                | A18SE (N)                              | 505                          | -       | 383680<br>398923 |
| 242    | <b>Contemporary Trade Directory Entries</b><br>Name: Brenca Metals Ltd<br>Location: Ship Canal House, 98, King Street, Manchester, M2 4WU<br>Classification: Scrap Metal Merchants<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                           | A14SW (E)                              | 503                          | -       | 383976<br>398234 |
| 242    | <b>Contemporary Trade Directory Entries</b><br>Name: Nationwide Fuels Llp<br>Location: Ship Canal House, 98 King Street, Manchester, Greater Manchester, M2 4WU<br>Classification: Lubricant Manufacturers & Distributors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                    | A14SW (E)                              | 503                          | -       | 383976<br>398234 |
| 242    | <b>Contemporary Trade Directory Entries</b><br>Name: Haughton Engineering Services<br>Location: Ship Canal House, 98, King Street, Manchester, Lancashire, M2 4WU<br>Classification: Engineering Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                    | A14SW (E)                              | 503                          | -       | 383976<br>398234 |
| 243    | <b>Contemporary Trade Directory Entries</b><br>Name: Farrow & Ball<br>Location: 270, Deansgate, Manchester, M3 4JB<br>Classification: Wallpapers & Wall Coverings<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                              | A8NW (S)                               | 507                          | -       | 383469<br>397880 |
| 244    | <b>Contemporary Trade Directory Entries</b><br>Name: Anywaste Uk<br>Location: St. James Court, 30, Brown Street, Manchester, M2 1DH<br>Classification: Waste Disposal Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                               | A14SW (E)                              | 509                          | -       | 384013<br>398350 |
| 244    | <b>Contemporary Trade Directory Entries</b><br>Name: Wastelift<br>Location: St. James Court, 30, Brown Street, Manchester, M2 1DH<br>Classification: Waste Disposal Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                   | A14SW (E)                              | 509                          | -       | 384013<br>398350 |
| 244    | <b>Contemporary Trade Directory Entries</b><br>Name: M60 Rescue & Recovery<br>Location: 406 St James Ct, Brown St, Manchester, Lancashire, M2 2JG<br>Classification: Commercial Vehicle Breakdown & Recovery Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location | A14SW (E)                              | 523                          | -       | 384026<br>398341 |
| 244    | <b>Contemporary Trade Directory Entries</b><br>Name: Octapharma<br>Location: The Zenith Building, 26, Spring Gardens, Manchester, Lancashire, M2 1AB<br>Classification: Chemists' & Pharmacists' Suppliers & Wholesalers<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned to the address or location                | A14SW (E)                              | 549                          | -       | 384054<br>398354 |
| 244    | <b>Contemporary Trade Directory Entries</b><br>Name: Calvin Asset Management Ltd<br>Location: 19 Spring Gdns, Manchester, Lancashire, M2 1FB<br>Classification: Meter Manufacturers & Suppliers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                              | A14SW (E)                              | 585                          | -       | 384088<br>398334 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 244    | <b>Contemporary Trade Directory Entries</b><br>Name: Universal Utilities<br>Location: Third Floor, Tootal House, 19-21, Spring Gardens, Manchester, M2 1FB<br>Classification: Gas Suppliers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                         | A14SW (E)                              | 591                          | -       | 384093 398331 |
| 245    | <b>Contemporary Trade Directory Entries</b><br>Name: Clifton Eyewear Ltd<br>Location: 1, St. Stephen Street, Salford, M3 6AY<br>Classification: Optical Goods - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                       | A12NE (W)                              | 509                          | -       | 382971 398563 |
| 246    | <b>Contemporary Trade Directory Entries</b><br>Name: M Leyden Ltd<br>Location: 5 Gravel La, Salford, Lancashire, M3 7WQ<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                                                   | A18SE (N)                              | 530                          | -       | 383579 398975 |
| 246    | <b>Contemporary Trade Directory Entries</b><br>Name: David Bentley Ltd<br>Location: Greengate, SALFORD, M3 7NS<br>Classification: Textile Manufacturing<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                                                      | A18SE (N)                              | 541                          | -       | 383596 398984 |
| 246    | <b>Contemporary Trade Directory Entries</b><br>Name: Modern Rollers Ltd<br>Location: Greengate, Salford, Lancashire, M3 7NS<br>Classification: Machinery - Industrial & Commercial<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                           | A18SE (N)                              | 541                          | -       | 383596 398984 |
| 247    | <b>Contemporary Trade Directory Entries</b><br>Name: Steelcase Solutions<br>Location: 12, Booth Street, Manchester, M2 4AW<br>Classification: Furniture Manufacturers - Home & Office<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                               | A14SW (SE)                             | 536                          | -       | 383975 398145 |
| 248    | <b>Contemporary Trade Directory Entries</b><br>Name: Epos Now<br>Location: The Corn Exchange, 37, Hanging Ditch, Manchester, M4 3TR<br>Classification: Cash Registers & Check-Out Equipment<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                         | A14NW (NE)                             | 537                          | -       | 383957 398734 |
| 248    | <b>Contemporary Trade Directory Entries</b><br>Name: Nexira<br>Location: 176 Monton Road, Monton M30 9ga, Manchester, Greater Manchester, M4 3TR<br>Classification: Food Colouring, Flavouring & Additive Manufacturers & Distributors<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality | A14NW (NE)                             | 537                          | -       | 383957 398734 |
| 248    | <b>Contemporary Trade Directory Entries</b><br>Name: Roomzzz Manchester City Corn Exchange<br>Location: Exchange Square, Hanging Ditch, Manchester, Greater Manchester, M4 3TR<br>Classification: Commercial Cleaning Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality         | A14NW (NE)                             | 548                          | -       | 383972 398729 |
| 249    | <b>Contemporary Trade Directory Entries</b><br>Name: Whitecliffs Group<br>Location: 61-63, Brown Street, Manchester, Lancashire, M2 2JG<br>Classification: Electrolysis<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                                                      | A14SW (SE)                             | 543                          | -       | 383995 398172 |
| 249    | <b>Contemporary Trade Directory Entries</b><br>Name: Tetra Pak Business Services Ltd<br>Location: The Chancery, 58 Spring Gdns, Manchester, M2 1EW<br>Classification: Boxes & Cartons<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                               | A14SW (SE)                             | 550                          | -       | 384010 398190 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: High Street Meat Market Llp<br>Location: Arndale House, Arndale Centre, Market Street, Manchester, M4 3AQ<br>Classification: Meat Product Manufacturers & Wholesalers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address         | A14NW (E)                              | 562                          | -       | 384058 398555 |
| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: Currys P C World<br>Location: 93 Halle Mall, Arndales Centre, Manchester, Greater Manchester, M4 3AQ<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address | A14NW (E)                              | 562                          | -       | 384058 398555 |
| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: Premier Foods<br>Location: Arndale House, Arndale Centre, Market Street, Manchester, M4 3AQ<br>Classification: Food Products - Manufacturers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                  | A14NW (E)                              | 562                          | -       | 384058 398555 |
| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: Swatch Manchester<br>Location: Unit L4 Arndale Centre, Manchester, Greater Manchester, M4 3AQ<br>Classification: Clocks & Watches - Manufacturers & Wholesalers<br><b>Status:</b> Active<br>Positional Accuracy: Manually positioned within the geographical locality  | A14NW (E)                              | 562                          | -       | 384058 398555 |
| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: Imzi Communications<br>Location: Arndale Centre, Manchester, Greater Manchester, M4 3AQ<br>Classification: Mobile Phone Accessories and Car Kits<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                            | A14NW (E)                              | 562                          | -       | 384058 398555 |
| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: Comet<br>Location: 19a Arndale Centre, Manchester, Lancashire, M4 2HU<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality                   | A14NW (E)                              | 563                          | -       | 384059 398554 |
| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: Currys<br>Location: 165-166, Arndale Centre, Manchester, M4 3AB<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                      | A14NW (E)                              | 563                          | -       | 384059 398554 |
| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: Willie'S<br>Location: 85, Arndale Centre, Manchester, Lancashire, M4 2HU<br>Classification: Wallpapers & Wall Coverings<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                     | A14NW (E)                              | 563                          | -       | 384059 398554 |
| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: The Fast Picture Show<br>Location: 142-143, Market Hall, Arndale Centre, Manchester, M4 2EB<br>Classification: Photographic Processors<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                      | A14NW (E)                              | 563                          | -       | 384059 398554 |
| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: Home Design Store<br>Location: 136, Arndale Centre, Manchester, Lancashire, M4 2EA<br>Classification: Gunsmiths<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                             | A14NW (E)                              | 563                          | -       | 384059 398554 |
| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: Bodycare (Health & Beauty)<br>Location: 111-112, Arndale Centre, Manchester, M4 2EA<br>Classification: Toiletries<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                           | A14NW (E)                              | 563                          | -       | 384059 398554 |
| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: The Sony Centre<br>Location: 162, Arndale Centre, Manchester, Lancashire, M4 3AB<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                     | A14NW (E)                              | 563                          | -       | 384059 398554 |

| Map ID | Details                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: Image Gallery<br>Location: Arndale House, Arndale Centre, Manchester, Lancashire, M4 3AQ<br>Classification: Photo & Digital Imaging Bureaus<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                  | A14NW (E)                              | 563                          | -       | 384059 398554 |
| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: Currys Pc World<br>Location: 93 Halle Mall, Arndale Shopping Centre, Manchester, M4 2HU<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status:</b> Active<br>Positional Accuracy: Manually positioned to the address or location | A14NW (E)                              | 578                          | -       | 384075 398550 |
| 250    | <b>Contemporary Trade Directory Entries</b><br>Name: The Perfume Shop<br>Location: Unit L2 Manchester Arndale, Manchester, Greater Manchester, M4 1AZ<br>Classification: Perfume Suppliers<br><b>Status:</b> Active<br>Positional Accuracy: Manually positioned to the address or location                          | A14NW (E)                              | 588                          | -       | 384089 398531 |
| 251    | <b>Contemporary Trade Directory Entries</b><br>Name: Dunlop G R G Holdings Ltd<br>Location: Greengate Works, Greengate, Salford, M3 7WS<br>Classification: Marine Equipment & Supplies<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                   | A18SE (N)                              | 563                          | -       | 383538 399013 |
| 252    | <b>Contemporary Trade Directory Entries</b><br>Name: Fleetwood Agencies Ltd<br>Location: 6, Porchfield Square, Manchester, M3 4FG<br>Classification: Rubber & Plastic Products - Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                           | A8NW (S)                               | 574                          | -       | 383376 397824 |
| 253    | <b>Contemporary Trade Directory Entries</b><br>Name: Renault Manchester<br>Location: TRINITY WAY, SALFORD, M3 7FT<br>Classification: Car Dealers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                                                           | A18SW (N)                              | 574                          | -       | 383280 398981 |
| 253    | <b>Contemporary Trade Directory Entries</b><br>Name: Dacia Manchester<br>Location: Trinity Way, Salford, Greater Manchester, M3 7FT<br>Classification: Car Dealers<br><b>Status:</b> Active<br>Positional Accuracy: Manually positioned to the address or location                                                  | A18SW (N)                              | 574                          | -       | 383280 398981 |
| 254    | <b>Contemporary Trade Directory Entries</b><br>Name: The Color Co<br>Location: 41, Spring Gardens, Manchester, M2 2BG<br>Classification: Copying & Duplicating Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                  | A14SW (E)                              | 578                          | -       | 384065 398263 |
| 254    | <b>Contemporary Trade Directory Entries</b><br>Name: The Color Co<br>Location: 41, Spring Gardens, Manchester, M2 2BG<br>Classification: Copying & Duplicating Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                  | A14SW (E)                              | 578                          | -       | 384065 398263 |
| 255    | <b>Contemporary Trade Directory Entries</b><br>Name: Trident Ltd<br>Location: 95, Greengate, Salford, M3 7NG<br>Classification: Lighting Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                                   | A18SW (N)                              | 591                          | -       | 383476 399042 |
| 256    | <b>Contemporary Trade Directory Entries</b><br>Name: Pure Music Manufacturing Ltd<br>Location: Bexley Chambers, 1, Bexley Square, Salford, M3 6DB<br>Classification: Record, Tape & CD Manufacturers & Wholesalers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address         | A12NE (W)                              | 596                          | -       | 382882 398562 |
| 257    | <b>Contemporary Trade Directory Entries</b><br>Name: A & B Polishers<br>Location: 65, Blackfriars Road, Salford, M3 7DB<br>Classification: French Polishing<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                              | A18SW (NW)                             | 596                          | -       | 383202 398969 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Rimo Designs<br>Location: 269-273, Deansgate, Manchester, M3 4EW<br>Classification: Carpets & Rugs - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                | A8NW (S)                               | 599                          | -       | 383484 397787 |
| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Bright & Beautiful<br>Location: Great Northern Warehouse, 275, Deansgate, Manchester, M3 4EL<br>Classification: Cleaning Services - Domestic<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                      | A8NW (S)                               | 617                          | -       | 383478 397769 |
| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Docutech Solutions<br>Location: Great Northern Warehouse, 275, Deansgate, Manchester, M3 4EL<br>Classification: Photographic Equipment Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                    | A8NW (S)                               | 617                          | -       | 383478 397769 |
| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Studio Macs<br>Location: Great Northern Warehouse, 275, Deansgate, Manchester, M3 4EL<br>Classification: Electrical Heating Equipment & Systems<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                   | A8NW (S)                               | 617                          | -       | 383478 397769 |
| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Scrap Car Now Today Cash Manchester<br>Location: Great Northern Warehouse, 275, Deansgate, Manchester, M3 4EL<br>Classification: Car Breakers & Dismantlers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                       | A8NW (S)                               | 617                          | -       | 383478 397769 |
| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Cushy Living<br>Location: Unit 24 275, Manchester, Lancashire, M3 4EL<br>Classification: Textile Manufacturing<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality                                                       | A8NW (S)                               | 617                          | -       | 383478 397769 |
| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Freez Drinks<br>Location: Great Northern Warehouse, 275, Deansgate, Manchester, Lancashire, M3 4EL<br>Classification: Soft Drinks - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                 | A8NW (S)                               | 617                          | -       | 383478 397769 |
| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Bright & Beautiful<br>Location: Box 106, 275 Deansgate, Manchester, Greater Manchester, M3 4EL<br>Classification: Cleaning Services - Domestic<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned within the geographical locality                         | A8NW (S)                               | 617                          | -       | 383478 397769 |
| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Accountancy & Payroll Services<br>Location: Great Northern Warehouse, 275, Deansgate, Manchester, Lancashire, M3 4EL<br>Classification: Commercial Cleaning Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address              | A8NW (S)                               | 617                          | -       | 383478 397769 |
| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Automation Providers<br>Location: Great Northern Warehouse, 275, Deansgate, Manchester, Lancashire, M3 4EW<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A8NW (S)                               | 617                          | -       | 383478 397769 |
| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Dalton Automation Ltd<br>Location: Great Northern Warehouse, 275, Deansgate, Manchester, Lancashire, M3 4EL<br>Classification: Automation Systems & Equipment<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location              | A8NW (S)                               | 617                          | -       | 383478 397769 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Docutech Solutions Ltd<br>Location: Great Northern Warehouse, 275, Deansgate, Manchester, M3 4EL<br>Classification: Photocopiers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                  | A8NW (S)                               | 617                          | -       | 383478<br>397769 |
| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Isovitallity Nutriceuticals Ltd<br>Location: Great Northern Warehouse, 275, Deansgate, Manchester, M3 4EL<br>Classification: Food Products - Manufacturers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                 | A8NW (S)                               | 618                          | -       | 383477<br>397768 |
| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Timberwise Uk Ltd<br>Location: Great Northern Warehouse, 275, Deansgate, Manchester, M3 4EL<br>Classification: Damp & Dry Rot Control<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                      | A8NW (S)                               | 618                          | -       | 383477<br>397768 |
| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Man & Machine Cleaning<br>Location: Great Northern Warehouse, 275, Deansgate, Manchester, M3 4EL<br>Classification: Carpet, Curtain & Upholstery Cleaners<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                  | A8NW (S)                               | 618                          | -       | 383477<br>397768 |
| 258    | <b>Contemporary Trade Directory Entries</b><br>Name: Manchester Gin<br>Location: 10-15, Manchester, Greater Manchester, M3 4LP<br>Classification: Brewers<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned to the address or location                                                                | A8NE (S)                               | 628                          | -       | 383523<br>397758 |
| 259    | <b>Contemporary Trade Directory Entries</b><br>Name: Gls Ceramics<br>Location: 2a, Mirabel Street, Manchester, Lancashire, M3 1PJ<br>Classification: Ceramic Manufacturers, Supplies & Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                        | A18SE (NE)                             | 600                          | -       | 383769<br>398987 |
| 259    | <b>Contemporary Trade Directory Entries</b><br>Name: Needs Electrical<br>Location: Unit 3, Mirabel Street, Manchester, M3 1PJ<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                          | A18SE (NE)                             | 612                          | -       | 383810<br>398978 |
| 259    | <b>Contemporary Trade Directory Entries</b><br>Name: Linen Laundry<br>Location: Unit 4, Mirabel Street, Manchester, M3 1PJ<br>Classification: Laundries & Launderettes<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                 | A18SE (NE)                             | 620                          | -       | 383804<br>398992 |
| 259    | <b>Contemporary Trade Directory Entries</b><br>Name: City Laundry<br>Location: Unit 4, Mirabel St, Manchester, Lancashire, M3 1PJ<br>Classification: Laundries & Launderettes<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                          | A18SE (NE)                             | 626                          | -       | 383766<br>399018 |
| 260    | <b>Contemporary Trade Directory Entries</b><br>Name: Orbit Card Services<br>Location: Lowry House, 17 Marble Street, Manchester, Greater Manchester, M2 3AW<br>Classification: Cash Registers & Check-Out Equipment<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address           | A14SW (E)                              | 603                          | -       | 384110<br>398358 |
| 260    | <b>Contemporary Trade Directory Entries</b><br>Name: Eleven Sports Media Ltd<br>Location: Eleventh Floor, Lowry House, 17, Marble Street, Manchester, M2 3AW<br>Classification: Sports Equipment Manufacturers & Distributors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A14SW (E)                              | 604                          | -       | 384110<br>398358 |
| 260    | <b>Contemporary Trade Directory Entries</b><br>Name: Pulse Laser Hairaesthetics<br>Location: 18-20, Fountain Street, Manchester, M2 2AA<br>Classification: Electrolysis<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                       | A14SW (E)                              | 634                          | -       | 384140<br>398346 |

| Map ID | Details                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 261    | <b>Contemporary Trade Directory Entries</b><br>Name: Apple<br>Location: Unit 23, Upper Mall, 98, Corporation Street, Manchester, M4 3AJ<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address          | A14NW (E)                              | 615                          | -       | 384096<br>398616 |
| 262    | <b>Contemporary Trade Directory Entries</b><br>Name: Ops International Ltd<br>Location: Brook House, 64-72, Spring Gardens, Manchester, M2 2BQ<br>Classification: Oil Companies<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                         | A14SW (SE)                             | 617                          | -       | 384072<br>398164 |
| 263    | <b>Contemporary Trade Directory Entries</b><br>Name: Richard Conrad & Co Ltd<br>Location: 36-38, Fountain Street, Manchester, M2 2BE<br>Classification: Office Furniture & Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                    | A14SW (E)                              | 621                          | -       | 384114<br>398283 |
| 263    | <b>Contemporary Trade Directory Entries</b><br>Name: Proten Services<br>Location: 35 Fountain Street, Manchester, Greater Manchester, M2 2AN<br>Classification: Damp & Dry Rot Control<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                    | A14SW (E)                              | 662                          | -       | 384159<br>398292 |
| 264    | <b>Contemporary Trade Directory Entries</b><br>Name: Access Pest Control<br>Location: 16, Peter Street, Manchester, M60 2DS<br>Classification: Pest & Vermin Control<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                    | A9NW (SE)                              | 634                          | -       | 383833<br>397848 |
| 265    | <b>Contemporary Trade Directory Entries</b><br>Name: The Quantum Print<br>Location: Barnett House, 53 Fountain Street, Manchester, Greater Manchester, M2 2AN<br>Classification: Printers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                 | A14SW (E)                              | 639                          | -       | 384110<br>398206 |
| 265    | <b>Contemporary Trade Directory Entries</b><br>Name: Atlantic Property Services<br>Location: Barnett House, 53 Fountain Street, Manchester, Greater Manchester, M2 2AN<br>Classification: Cladding Suppliers & Installers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address | A14SW (E)                              | 639                          | -       | 384110<br>398206 |
| 265    | <b>Contemporary Trade Directory Entries</b><br>Name: We Print Group<br>Location: Barnett House, 53, Fountain Street, Manchester, M2 2AN<br>Classification: Printers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality                                        | A14SW (E)                              | 640                          | -       | 384112<br>398208 |
| 265    | <b>Contemporary Trade Directory Entries</b><br>Name: Msl Interiors<br>Location: Barnett House, 53, Fountain Street, Manchester, M2 2AN<br>Classification: Office Furniture & Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                  | A14SW (E)                              | 640                          | -       | 384112<br>398208 |
| 265    | <b>Contemporary Trade Directory Entries</b><br>Name: Fast Carpet Cleaners<br>Location: Barnett House, 53, Fountain Street, Manchester, M2 2AN<br>Classification: Carpet, Curtain & Upholstery Cleaners<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                  | A14SW (E)                              | 640                          | -       | 384112<br>398208 |
| 265    | <b>Contemporary Trade Directory Entries</b><br>Name: Indie Cases<br>Location: Barnett House, Manchester, Lancashire, M2 2AN<br>Classification: Mobile Phone Accessories and Car Kits<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                    | A14SW (E)                              | 640                          | -       | 384112<br>398208 |
| 265    | <b>Contemporary Trade Directory Entries</b><br>Name: Scrap My Car Now For Money Manchester Kws<br>Location: Barnett House, 53, Fountain Street, Manchester, M2 2AN<br>Classification: Car Breakers & Dismantlers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address        | A14SW (E)                              | 640                          | -       | 384112<br>398208 |

| Map ID | Details                                                                                                                                                                                                                                                                                                    | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 265    | <b>Contemporary Trade Directory Entries</b><br>Name: Urban Icon<br>Location: Barnett House, 53, Fountain Street, Manchester, M2 2AN<br>Classification: Garden & Patio Furniture Manufacturers & Distributors<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address    | A14SW (E)                              | 640                          | -       | 384112<br>398208 |
| 265    | <b>Contemporary Trade Directory Entries</b><br>Name: Clean Corner<br>Location: 20 York Street, Manchester, Lancashire, M2 3BB<br>Classification: Cleaning Services - Domestic<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                   | A14SW (E)                              | 645                          | -       | 384123<br>398224 |
| 266    | <b>Contemporary Trade Directory Entries</b><br>Name: K2 Legal Support<br>Location: Castlefield House, Liverpool Road, Manchester, M3 4SB<br>Classification: Copying & Duplicating Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                      | A8NW (S)                               | 641                          | -       | 383334<br>397766 |
| 266    | <b>Contemporary Trade Directory Entries</b><br>Name: N U Oil & Gas<br>Location: Fifth Floor, Castlefield House, Liverpool Road, Manchester, M3 4SB<br>Classification: Oil & Gas Exploration Supplies & Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address | A8NW (S)                               | 641                          | -       | 383333<br>397766 |
| 267    | <b>Contemporary Trade Directory Entries</b><br>Name: The Perfume Shop<br>Location: Unit Y1, Upper Mall, Arndale Centre, Manchester, M4 2EA<br>Classification: Perfume Suppliers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                   | A14NW (E)                              | 650                          | -       | 384160<br>398462 |
| 267    | <b>Contemporary Trade Directory Entries</b><br>Name: Kiddycare International<br>Location: Unit R30, Marsden Way South, Manchester, M4 3AT<br>Classification: Children & Babywear - Manufacturers & Wholesalers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address  | A14NW (E)                              | 650                          | -       | 384160<br>398462 |
| 268    | <b>Contemporary Trade Directory Entries</b><br>Name: Autopaint International<br>Location: 293, Deansgate, Manchester, M3 4EW<br>Classification: Car Painters & Sprayers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                         | A8SW (S)                               | 674                          | -       | 383458<br>397713 |
| 269    | <b>Contemporary Trade Directory Entries</b><br>Name: Prontaprint<br>Location: 71a, Mosley Street, Manchester, M2 3JN<br>Classification: Printers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                                | A14SW (SE)                             | 677                          | -       | 384105<br>398090 |
| 269    | <b>Contemporary Trade Directory Entries</b><br>Name: Prontaprint<br>Location: 71a, Mosley Street, Manchester, M2 3JN<br>Classification: Printers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                                | A14SW (SE)                             | 677                          | -       | 384107<br>398094 |
| 269    | <b>Contemporary Trade Directory Entries</b><br>Name: C F E S<br>Location: Woolwich House, 61, Mosley Street, Manchester, M2 3HZ<br>Classification: Ventilators & Ventilation Systems<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                              | A14SW (SE)                             | 678                          | -       | 384117<br>398115 |
| 269    | <b>Contemporary Trade Directory Entries</b><br>Name: Prime Power Solution<br>Location: Woolwich House, 61, Mosley Street, Manchester, M2 3HZ<br>Classification: Electricity Generating & Distributing Equipment<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address   | A14SW (SE)                             | 678                          | -       | 384117<br>398115 |
| 269    | <b>Contemporary Trade Directory Entries</b><br>Name: North West Lightning Protection Ltd<br>Location: WOOLWICH HOUSE, 61, MOSLEY STREET, MANCHESTER, M2 3HZ<br>Classification: Engineering Services<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address               | A14SW (SE)                             | 678                          | -       | 384117<br>398115 |



| Map ID | Details                                                                                                                                                                                                                                                                                                       | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 269    | <b>Contemporary Trade Directory Entries</b><br>Name: Manchester House Cleaning Services<br>Location: WOOLWICH HOUSE, 61, MOSLEY STREET, MANCHESTER, M2 3HZ<br>Classification: Commercial Cleaning Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address           | A14SW (SE)                             | 678                          | -       | 384117<br>398115 |
| 269    | <b>Contemporary Trade Directory Entries</b><br>Name: Hazexperts<br>Location: International House, 61 Mosley Street, Manchester, Greater Manchester, M2 3HZ<br>Classification: Chemical Recycling & Disposal Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address | A14SW (SE)                             | 686                          | -       | 384126<br>398113 |
| 269    | <b>Contemporary Trade Directory Entries</b><br>Name: Sofas4u<br>Location: George House, 48, George Street, Manchester, Lancashire, M1 4HF<br>Classification: Furniture - Reproduction<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                       | A9NW (SE)                              | 716                          | -       | 384140<br>398073 |
| 269    | <b>Contemporary Trade Directory Entries</b><br>Name: Oakland Fabrics Ltd<br>Location: 44, George Street, Manchester, M1 4HF<br>Classification: Textile Manufacturing<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                               | A14SW (SE)                             | 719                          | -       | 384149<br>398085 |
| 270    | <b>Contemporary Trade Directory Entries</b><br>Name: Withy Grove Stores Ltd<br>Location: 35-39, Withy Grove, Manchester, M4 2BJ<br>Classification: Office Furniture & Equipment<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                    | A14NW (E)                              | 681                          | -       | 384140<br>398685 |
| 270    | <b>Contemporary Trade Directory Entries</b><br>Name: Withy Grove Stores<br>Location: 35, Withy Grove, Manchester, M4 2BJ<br>Classification: Office Furniture & Equipment<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                           | A14NW (E)                              | 681                          | -       | 384140<br>398685 |
| 270    | <b>Contemporary Trade Directory Entries</b><br>Name: Withy Grove Stores Ltd<br>Location: 35-39, Withy Grove, Manchester, M4 2BJ<br>Classification: Safes & Vaults - Suppliers & Installers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                           | A14NW (E)                              | 684                          | -       | 384144<br>398685 |
| 270    | <b>Contemporary Trade Directory Entries</b><br>Name: T Stensby & Co Ltd<br>Location: 1, Shudehill, Manchester, M4 2AF<br>Classification: Gunsmiths<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                 | A14NW (E)                              | 690                          | -       | 384149<br>398689 |
| 270    | <b>Contemporary Trade Directory Entries</b><br>Name: D & J Jewellery<br>Location: 9, Shudehill, Manchester, M4 2AF<br>Classification: Jewellery Manufacturers & Repairers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                          | A14NE (E)                              | 709                          | -       | 384170<br>398687 |
| 270    | <b>Contemporary Trade Directory Entries</b><br>Name: Nouveau Jewellers<br>Location: 9, Shudehill, Manchester, M4 2AF<br>Classification: Jewellery Manufacturers & Repairers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                          | A14NE (E)                              | 709                          | -       | 384170<br>398687 |
| 270    | <b>Contemporary Trade Directory Entries</b><br>Name: Nouveau<br>Location: 9, Shudehill, Manchester, Lancashire, M4 2AF<br>Classification: Jewellery Manufacturers & Repairers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                      | A14NE (E)                              | 713                          | -       | 384173<br>398690 |

| Map ID | Details                                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 271    | <b>Contemporary Trade Directory Entries</b><br>Name: Duffy Motors Manchester Ltd<br>Location: Arch 16-17, Watson Street, Manchester, M3 4LP<br>Classification: Garage Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                  | A8SE (S)                               | 686                          | -       | 383562 397703 |
| 271    | <b>Contemporary Trade Directory Entries</b><br>Name: Manchester Radiator Co Ltd<br>Location: Arch 19, Watson Street, Manchester, M3 4LP<br>Classification: Car Radiator Servicing & Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                   | A8SE (S)                               | 706                          | -       | 383561 397683 |
| 272    | <b>Contemporary Trade Directory Entries</b><br>Name: Twistfix<br>Location: Peter House, Oxford Street, Manchester, M1 5AN<br>Classification: Builders' Merchants<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                | A9NW (SE)                              | 688                          | -       | 383925 397847 |
| 272    | <b>Contemporary Trade Directory Entries</b><br>Name: Joe Scrapping In Manchester<br>Location: Peter House, Oxford Street, Manchester, M1 5AN<br>Classification: Car Breakers & Dismantlers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                    | A9NW (SE)                              | 688                          | -       | 383925 397847 |
| 272    | <b>Contemporary Trade Directory Entries</b><br>Name: Laundry Shop<br>Location: Peter House, Oxford Street, Manchester, Lancashire, M1 5AN<br>Classification: Dry Cleaners<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                              | A9NW (SE)                              | 688                          | -       | 383925 397847 |
| 272    | <b>Contemporary Trade Directory Entries</b><br>Name: Energy Feat<br>Location: Peter House, Oxford Street, Manchester, M1 5AN<br>Classification: Energy Efficient Products and Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                        | A9NW (SE)                              | 688                          | -       | 383925 397847 |
| 272    | <b>Contemporary Trade Directory Entries</b><br>Name: Pest Solutions Ltd<br>Location: Peter House, Oxford Street, Manchester, Greater Manchester, M1 5AN<br>Classification: Pest & Vermin Control<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                | A9NW (SE)                              | 689                          | -       | 383924 397846 |
| 272    | <b>Contemporary Trade Directory Entries</b><br>Name: Scrap Yard In Manchester Htt<br>Location: Peter House, Oxford Street, Manchester, M1 5AN<br>Classification: Car Breakers & Dismantlers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                   | A9NW (SE)                              | 689                          | -       | 383924 397846 |
| 272    | <b>Contemporary Trade Directory Entries</b><br>Name: Douglas Fir Ltd<br>Location: Peter House, Oxford Street, Manchester, M1 5AN<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address       | A9NW (SE)                              | 689                          | -       | 383924 397846 |
| 272    | <b>Contemporary Trade Directory Entries</b><br>Name: Cas Hire<br>Location: Peter House, Oxford Street, Manchester, M1 5AN<br>Classification: Air Conditioning Equipment & Systems<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                               | A9NW (SE)                              | 689                          | -       | 383924 397846 |
| 272    | <b>Contemporary Trade Directory Entries</b><br>Name: Feet & Spine<br>Location: Peter House, Oxford Street, Manchester, M1 5AN<br>Classification: Office Furniture & Equipment<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                   | A9NW (SE)                              | 689                          | -       | 383924 397846 |
| 272    | <b>Contemporary Trade Directory Entries</b><br>Name: Wise Pharmaceuticals Ltd<br>Location: Oxford House, 16, Oxford Street, Manchester, M1 5AE<br>Classification: Pharmaceutical Manufacturers & Distributors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A9NW (SE)                              | 735                          | -       | 383944 397803 |

| Map ID | Details                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 273    | <b>Contemporary Trade Directory Entries</b><br>Name: Nuffield Health Assessment<br>Location: Unit 1, The Printworks, 27, Withy Grove, Manchester, M4 2BS<br>Classification: Hospitals<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                   | A14NW (NE)                             | 688                          | -       | 384122 398745 |
| 274    | <b>Contemporary Trade Directory Entries</b><br>Name: Service Graphics<br>Location: Liverpool Road, Manchester, M3 4AQ<br>Classification: Printers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                         | A8NW (SW)                              | 702                          | -       | 383162 397768 |
| 275    | <b>Contemporary Trade Directory Entries</b><br>Name: E E Chrisp<br>Location: 6, Southern Street, Manchester, M3 4WP<br>Classification: Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                         | A8SW (S)                               | 712                          | -       | 383368 397686 |
| 275    | <b>Contemporary Trade Directory Entries</b><br>Name: Holt Springs (Manchester) Ltd<br>Location: 16, Bridgewater Street, Manchester, M3 4NH<br>Classification: Spring Manufacturers & Distributors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                       | A8SW (S)                               | 745                          | -       | 383347 397656 |
| 276    | <b>Contemporary Trade Directory Entries</b><br>Name: A D T<br>Location: 1, New York Street, Manchester, M1 4HD<br>Classification: Firefighting Equipment<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                  | A14SE (E)                              | 718                          | -       | 384182 398170 |
| 276    | <b>Contemporary Trade Directory Entries</b><br>Name: Aesthetic Services Soda Blasting<br>Location: Devonshire House, 36, George Street, Manchester, M1 4HA<br>Classification: Blast Cleaning<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                            | A14SE (SE)                             | 737                          | -       | 384185 398122 |
| 277    | <b>Contemporary Trade Directory Entries</b><br>Name: Citroen World<br>Location: Unit 5 & 6 Springfield Business Centre, Springfield La, Salford, Lancashire, M3 7JS<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location           | A18NW (N)                              | 729                          | -       | 383470 399180 |
| 277    | <b>Contemporary Trade Directory Entries</b><br>Name: Cromech Engineering Co Ltd<br>Location: Springfield Lane, Salford, M3 7JS<br>Classification: Engineers - General<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                   | A18NW (N)                              | 730                          | -       | 383471 399180 |
| 278    | <b>Contemporary Trade Directory Entries</b><br>Name: Tshirts2print.Com<br>Location: 49, High Street, Manchester, M4 3AH<br>Classification: T-Shirts<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                     | A14NE (E)                              | 732                          | -       | 384220 398608 |
| 278    | <b>Contemporary Trade Directory Entries</b><br>Name: Bramhall Refrigeration Services<br>Location: 23, Market Hall, Arndale Centre, Manchester, M4 3AW<br>Classification: Refrigerators & Freezers - Servicing & Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A14NE (E)                              | 732                          | -       | 384220 398608 |
| 278    | <b>Contemporary Trade Directory Entries</b><br>Name: J J Nets<br>Location: 49, High Street, Manchester, M4 3AH<br>Classification: Homefurnishings - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                       | A14NE (E)                              | 732                          | -       | 384220 398608 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 279    | <b>Contemporary Trade Directory Entries</b><br>Name: Belleek Pottery Ltd<br>Location: Market St, Manchester, Lancashire, M60 1TA<br>Classification: Pottery Manufacturers & Suppliers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                  | A14SE (E)                              | 734                          | -       | 384244<br>398393 |
| 279    | <b>Contemporary Trade Directory Entries</b><br>Name: Price<br>Location: Market St, Manchester, Lancashire, M60 1TA<br>Classification: Cutlery Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                            | A14SE (E)                              | 740                          | -       | 384250<br>398390 |
| 280    | <b>Contemporary Trade Directory Entries</b><br>Name: Manchester Salford Repairs<br>Location: Apartment 20, Springfield Court, 2, Dean Road, Salford, M3 7EH<br>Classification: Domestic Appliances - Servicing, Repairs & Parts<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address | A18NW (N)                              | 737                          | -       | 383391<br>399180 |
| 281    | <b>Contemporary Trade Directory Entries</b><br>Name: Orient Express Northern Bell<br>Location: Victoria Station, 1, Todd Street, Manchester, M3 1PB<br>Classification: Railways<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                               | A19SW (NE)                             | 739                          | -       | 384033<br>398963 |
| 282    | <b>Contemporary Trade Directory Entries</b><br>Name: Johnsons The Cleaners<br>Location: 24, High Street, Manchester, M4 1QB<br>Classification: Dry Cleaners<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                     | A14NE (E)                              | 748                          | -       | 384256<br>398483 |
| 283    | <b>Contemporary Trade Directory Entries</b><br>Name: Atlantis<br>Location: 121, Water Street, Manchester, M3 4JU<br>Classification: Dry Cleaners<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                              | A7NE (SW)                              | 752                          | -       | 382909<br>397904 |
| 284    | <b>Contemporary Trade Directory Entries</b><br>Name: Taylor Edwards & Co<br>Location: Royal Buildings, 2, Mosley Street, Manchester, Lancashire, M2 3AN<br>Classification: Gas Companies<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                               | A14SE (E)                              | 754                          | -       | 384259<br>398336 |
| 285    | <b>Contemporary Trade Directory Entries</b><br>Name: Helping Hands<br>Location: 11, Georgette Drive, Salford, M3 7AF<br>Classification: Cleaning Services - Domestic<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                          | A18NW (N)                              | 757                          | -       | 383304<br>399182 |
| 286    | <b>Contemporary Trade Directory Entries</b><br>Name: Atlantis Piccadilly Laundry Services<br>Location: 121 Woollam Pl, Manchester, M3 4JJ<br>Classification: Laundries & Launderettes<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                  | A7NE (SW)                              | 757                          | -       | 382968<br>397836 |
| 287    | <b>Contemporary Trade Directory Entries</b><br>Name: Weeshred Ltd<br>Location: 13th Floor City Tower, Piccadilly Plaza, Manchester, Greater Manchester, M1 4BT<br>Classification: Shredding Equipment & Services<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned within the geographical locality   | A14SE (E)                              | 758                          | -       | 384236<br>398207 |
| 288    | <b>Contemporary Trade Directory Entries</b><br>Name: Claire Giles Ltd<br>Location: Alex House 260-268, Chapel Street, Salford, Greater Manchester, M3 5JZ<br>Classification: Greeting Card Publishers & Wholesalers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address             | A12NW (W)                              | 765                          | -       | 382708<br>398557 |

| Map ID | Details                                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 288    | <b>Contemporary Trade Directory Entries</b><br>Name: Secure Data Recycling Ltd<br>Location: Alex House 260-268, Chapel Street, Salford, M3 5JZ<br>Classification: Recycling Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                    | A12NW (W)                              | 787                          | -       | 382687 398563 |
| 288    | <b>Contemporary Trade Directory Entries</b><br>Name: Eurofabs Uk Ltd<br>Location: Alex House 260-268, Chapel Street, Salford, M3 5JZ<br>Classification: Sheet Metal Work<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                | A12NW (W)                              | 787                          | -       | 382687 398563 |
| 288    | <b>Contemporary Trade Directory Entries</b><br>Name: Boniecki Motors<br>Location: 272-280, Chapel Street, Salford, M3 5JZ<br>Classification: Car Dealers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                              | A12NW (W)                              | 803                          | -       | 382670 398560 |
| 289    | <b>Contemporary Trade Directory Entries</b><br>Name: Lewis Bookmakers<br>Location: 48a, Faulkner Street, Manchester, M1 4FH<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                     | A9NW (SE)                              | 766                          | -       | 384143 397975 |
| 289    | <b>Contemporary Trade Directory Entries</b><br>Name: Scrap That Car<br>Location: 91, PRINCESS STREET, MANCHESTER, M1 4HT<br>Classification: Salvage Dealers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                             | A9NW (SE)                              | 773                          | -       | 384129 397942 |
| 290    | <b>Contemporary Trade Directory Entries</b><br>Name: Gliptone Leather Care<br>Location: 5, Bridgewater Street, Manchester, M3 4NH<br>Classification: Leather Products - Manufacturers & Suppliers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                     | A8SW (S)                               | 781                          | -       | 383381 397613 |
| 291    | <b>Contemporary Trade Directory Entries</b><br>Name: British Engineering Services<br>Location: 5, New York Street, Manchester, M1 4JB<br>Classification: Engineering Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                         | A14SE (E)                              | 783                          | -       | 384233 398120 |
| 291    | <b>Contemporary Trade Directory Entries</b><br>Name: Norman Disney & Young<br>Location: St. James House, 7, Charlotte Street, Manchester, Lancashire, M1 4DZ<br>Classification: Mechanical Engineers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location           | A9NE (SE)                              | 793                          | -       | 384227 398079 |
| 292    | <b>Contemporary Trade Directory Entries</b><br>Name: Bauer Millett & Co Ltd<br>Location: Lawrence House, 8, Albion Street, Manchester, M1 5NZ<br>Classification: Car Dealers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                          | A8SE (S)                               | 785                          | -       | 383592 397607 |
| 292    | <b>Contemporary Trade Directory Entries</b><br>Name: Grand Central Autos<br>Location: 19 Trafford St, Manchester, M1 5LH<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                    | A8SE (S)                               | 818                          | -       | 383608 397575 |
| 293    | <b>Contemporary Trade Directory Entries</b><br>Name: Arrow Electronics Uk<br>Location: 5 New York Street, Manchester, Greater Manchester, M1 4JB<br>Classification: Electronic Component Manufacturers & Distributors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A14SE (E)                              | 789                          | -       | 384245 398136 |
| 293    | <b>Contemporary Trade Directory Entries</b><br>Name: Rentokil Specialist Hygiene<br>Location: Faulkner House, Faulkner Street, Manchester, M1 4DY<br>Classification: Commercial Cleaning Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                     | A14SE (E)                              | 813                          | -       | 384264 398118 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 293    | <b>Contemporary Trade Directory Entries</b><br>Name: Scrap Cars Vans Caravans Buyer<br>Location: Faulkner House, Faulkner Street, Manchester, M1 4DY<br>Classification: Car Breakers & Dismantlers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                | A14SE (E)                              | 813                          | -       | 384264 398118 |
| 293    | <b>Contemporary Trade Directory Entries</b><br>Name: Proveca<br>Location: 9 Charlotte Street, Manchester, Greater Manchester, M1 4ET<br>Classification: Pharmaceutical Manufacturers & Distributors<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                 | A14SE (SE)                             | 845                          | -       | 384284 398081 |
| 294    | <b>Contemporary Trade Directory Entries</b><br>Name: Pallets Wanted<br>Location: Mancentral Indust Est,47c East Ordsall La, Salford, Lancashire, M5 4RW<br>Classification: Pallets, Crates & Packing Cases<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location | A12SW (W)                              | 801                          | -       | 382692 398216 |
| 295    | <b>Contemporary Trade Directory Entries</b><br>Name: B J Products Shavers & Spares<br>Location: 5, Nicholas Croft, Manchester, M4 1EY<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                      | A14NE (E)                              | 805                          | -       | 384282 398656 |
| 296    | <b>Contemporary Trade Directory Entries</b><br>Name: Nxgen Europe Ltd<br>Location: City Tower,Piccadilly Plaza, Manchester, Greater Manchester, M1 4BT<br>Classification: Cash Registers & Check-Out Equipment<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                      | A14SE (E)                              | 807                          | -       | 384277 398173 |
| 297    | <b>Contemporary Trade Directory Entries</b><br>Name: Hong Kong Printing Co Ltd<br>Location: 41, Faulkner Street, Manchester, M1 4EE<br>Classification: Printers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                                                     | A9NE (SE)                              | 814                          | -       | 384224 398021 |
| 298    | <b>Contemporary Trade Directory Entries</b><br>Name: E F G Matthews Office Furniture Ltd<br>Location: Albion Street, Manchester, M1 5LL<br>Classification: Office Furniture & Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                           | A8SE (S)                               | 828                          | -       | 383661 397574 |
| 298    | <b>Contemporary Trade Directory Entries</b><br>Name: Simon & Simon<br>Location: Lock 90,Trumpet Street, Manchester, Greater Manchester, M1 5LW<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                       | A8SE (S)                               | 833                          | -       | 383683 397574 |
| 299    | <b>Contemporary Trade Directory Entries</b><br>Name: 1st Call Locksmiths Services<br>Location: 3, Soap Street, Manchester, M4 1EW<br>Classification: Lock Suppliers and Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                             | A14NE (E)                              | 831                          | -       | 384297 398695 |
| 299    | <b>Contemporary Trade Directory Entries</b><br>Name: Business Equipment & Scales Service Ltd<br>Location: 9, Thomas Street, Manchester, M4 1EU<br>Classification: Cash Registers & Check-Out Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                            | A14NE (E)                              | 863                          | -       | 384326 398708 |
| 299    | <b>Contemporary Trade Directory Entries</b><br>Name: H J Barton<br>Location: 60 Shudehill, Manchester, Greater Manchester, M4 4AA<br>Classification: Jewellery Manufacturers & Repairers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                            | A14NE (E)                              | 889                          | -       | 384339 398749 |
| 299    | <b>Contemporary Trade Directory Entries</b><br>Name: Royle & Davies<br>Location: 60, Shudehill, Manchester, M4 4AA<br>Classification: Jewellery Manufacturers & Repairers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                         | A14NE (E)                              | 889                          | -       | 384339 398749 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 299    | <b>Contemporary Trade Directory Entries</b><br>Name: G Stevenson<br>Location: 60, Shudehill, Manchester, Lancashire, M4 4AA<br>Classification: Jewellery Manufacturers & Repairers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                                                | A14NE (E)                              | 889                          | -       | 384339<br>398749 |
| 300    | <b>Contemporary Trade Directory Entries</b><br>Name: Reed Supplies<br>Location: Flat 15, Newbank Tower, Bridgewater Street, Salford, M3 7JZ<br>Classification: Road Haulage Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                     | A18NW (N)                              | 831                          | -       | 383236<br>399239 |
| 301    | <b>Contemporary Trade Directory Entries</b><br>Name: Paragon Research<br>Location: Irwell House, East Philip Street, Salford, Lancashire, M3 7LE<br>Classification: Pharmaceutical Manufacturers & Distributors<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                   | A18NW (N)                              | 833                          | -       | 383316<br>399263 |
| 302    | <b>Contemporary Trade Directory Entries</b><br>Name: V T G<br>Location: Gainsborough House, 109, Portland Street, Manchester, Lancashire, M1 6DN<br>Classification: Lift Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                                            | A9NW (SE)                              | 840                          | -       | 384124<br>397827 |
| 302    | <b>Contemporary Trade Directory Entries</b><br>Name: Operations Abroad Ltd<br>Location: Gainsborough House, 109, Portland Street, Manchester, M1 6DN<br>Classification: Hospitals<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                        | A9NW (SE)                              | 840                          | -       | 384124<br>397827 |
| 302    | <b>Contemporary Trade Directory Entries</b><br>Name: Feather Brooksbank<br>Location: 117-119, Portland Street, Manchester, M1 6ED<br>Classification: Tungsten Tool Manufacturers & Distributors<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                          | A9NW (SE)                              | 849                          | -       | 384105<br>397794 |
| 303    | <b>Contemporary Trade Directory Entries</b><br>Name: Zed Two<br>Location: 131-133 Portland St, Manchester, Lancashire, M1 4PZ<br>Classification: Toys, Games & Sporting Goods - Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                                     | A9SW (SE)                              | 842                          | -       | 384027<br>397732 |
| 304    | <b>Contemporary Trade Directory Entries</b><br>Name: Spray Shop Supplies<br>Location: 2a, New Elm Road, Manchester, M3 4JH<br>Classification: Car Paint & Lacquer Manufacturers & Suppliers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                              | A7NE (SW)                              | 843                          | -       | 382914<br>397769 |
| 305    | <b>Contemporary Trade Directory Entries</b><br>Name: One69a<br>Location: Islington Mill, James Street, Salford, M3 5HW<br>Classification: Screen Process Printers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                                                          | A12SW (W)                              | 845                          | -       | 382620<br>398380 |
| 306    | <b>Contemporary Trade Directory Entries</b><br>Name: Licence Trade Consultants<br>Location: Imex House, 40, Princess Street, Manchester, Lancashire, M1 6DE<br>Classification: Brewers' Equipment & Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                      | A9NE (SE)                              | 864                          | -       | 384170<br>397844 |
| 306    | <b>Contemporary Trade Directory Entries</b><br>Name: London Global<br>Location: 40 Princess Street, Manchester, Greater Manchester, M1 6DE<br>Classification: Printers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                                   | A9NE (SE)                              | 864                          | -       | 384170<br>397844 |
| 306    | <b>Contemporary Trade Directory Entries</b><br>Name: Northern Consultancy Of Medical Management Ltd<br>Location: Imex House, 40, Princess Street, Manchester, Lancashire, M1 6DE<br>Classification: Medical & Dental Laboratories<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location | A9NE (SE)                              | 865                          | -       | 384170<br>397844 |

| Map ID | Details                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 306    | <b>Contemporary Trade Directory Entries</b><br>Name: R S I S Projects Ltd<br>Location: Imex House, 40, Princess Street, Manchester, Lancashire, M1 6DE<br>Classification: Railways<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location              | A9NE (SE)                              | 865                          | -       | 384170<br>397844 |
| 306    | <b>Contemporary Trade Directory Entries</b><br>Name: Patriot Advertising Solutions<br>Location: Imex House, 40, Princess Street, Manchester, M1 6DE<br>Classification: Distribution Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address           | A9NE (SE)                              | 865                          | -       | 384170<br>397844 |
| 306    | <b>Contemporary Trade Directory Entries</b><br>Name: Dunbar & Boardman Partnership<br>Location: Imex House, 40, Princess Street, Manchester, Lancashire, M1 6DE<br>Classification: Lift Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address  | A9NE (SE)                              | 865                          | -       | 384170<br>397844 |
| 306    | <b>Contemporary Trade Directory Entries</b><br>Name: Scootabout International<br>Location: 101, Princess Street, Manchester, Lancashire, M1 6DD<br>Classification: Materials Handling Equipment<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location | A9NE (SE)                              | 885                          | -       | 384208<br>397860 |
| 307    | <b>Contemporary Trade Directory Entries</b><br>Name: Ace Decor Ltd<br>Location: Unit 4, Regent Trading Estate, Oldfield Road, Salford, M5 4DE<br>Classification: Painting & Decorating Supplies<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address        | A12SW (W)                              | 865                          | -       | 382606<br>398318 |
| 308    | <b>Contemporary Trade Directory Entries</b><br>Name: Hobs Legal Docs<br>Location: 4, Whitworth Street West, Manchester, M1 5WY<br>Classification: Copying & Duplicating Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                | A8SE (S)                               | 866                          | -       | 383532<br>397520 |
| 308    | <b>Contemporary Trade Directory Entries</b><br>Name: Anexsys<br>Location: 4, Whitworth Street West, Manchester, M1 5WY<br>Classification: Copying & Duplicating Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                               | A8SE (S)                               | 866                          | -       | 383532<br>397520 |
| 308    | <b>Contemporary Trade Directory Entries</b><br>Name: G T Autos<br>Location: 88, Hewitt Street, MANCHESTER, M15 4GB<br>Classification: Mot Testing Centres<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                | A8SE (S)                               | 879                          | -       | 383505<br>397506 |
| 309    | <b>Contemporary Trade Directory Entries</b><br>Name: Gyroscope Ltd<br>Location: 30-32, Thomas Street, Manchester, Lancashire, M4 1ER<br>Classification: Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                       | A14NE (E)                              | 866                          | -       | 384349<br>398642 |
| 309    | <b>Contemporary Trade Directory Entries</b><br>Name: Mehta & Mehta Ltd<br>Location: 38, Thomas Street, Manchester, M4 1ER<br>Classification: Children & Babywear - Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address         | A14NE (E)                              | 874                          | -       | 384363<br>398621 |
| 309    | <b>Contemporary Trade Directory Entries</b><br>Name: Brucella Tait<br>Location: First Floor, 40, Thomas Street, Manchester, M4 1ER<br>Classification: Jewellery Manufacturers & Repairers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address              | A14NE (E)                              | 877                          | -       | 384366<br>398617 |
| 309    | <b>Contemporary Trade Directory Entries</b><br>Name: David Ellis Jewellery<br>Location: First Floor, 40, Thomas Street, Manchester, M4 1ER<br>Classification: Jewellery Manufacturers & Repairers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address        | A14NE (E)                              | 877                          | -       | 384366<br>398617 |

| Map ID | Details                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 309    | <b>Contemporary Trade Directory Entries</b><br>Name: Why Publications<br>Location: 40, Thomas Street, Manchester, Lancashire, M4 1ER<br>Classification: Distribution Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                            | A14NE (E)                              | 877                          | -       | 384366<br>398617 |
| 309    | <b>Contemporary Trade Directory Entries</b><br>Name: Manchester Gold Buyers<br>Location: Thomas St, Manchester, Lancashire, M4 1NA<br>Classification: Cleaning Services - Domestic<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality          | A14NE (E)                              | 904                          | -       | 384390<br>398634 |
| 309    | <b>Contemporary Trade Directory Entries</b><br>Name: Marc The Printers<br>Location: 28-30, Edge Street, Manchester, M4 1HN<br>Classification: Printers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                   | A14NE (E)                              | 915                          | -       | 384399<br>398647 |
| 310    | <b>Contemporary Trade Directory Entries</b><br>Name: The Co-Operative<br>Location: Miller Street, Manchester, Lancashire, M60 0AL<br>Classification: Printers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality                               | A19SE (NE)                             | 867                          | -       | 384194<br>398971 |
| 311    | <b>Contemporary Trade Directory Entries</b><br>Name: Manchester Automotive<br>Location: 149, Great Ducie Street, Manchester, M3 1FB<br>Classification: Car Component Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                       | A18NE (N)                              | 869                          | -       | 383670<br>399303 |
| 311    | <b>Contemporary Trade Directory Entries</b><br>Name: Lekha Imports Ltd<br>Location: 149, Great Ducie Street, Manchester, Lancashire, M3 1FB<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location | A18NE (N)                              | 869                          | -       | 383670<br>399303 |
| 312    | <b>Contemporary Trade Directory Entries</b><br>Name: James & Taylor Ltd<br>Location: Eastgate, 2, Castle Street, Manchester, M3 4LZ<br>Classification: Cladding Suppliers & Installers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                   | A8SW (S)                               | 872                          | -       | 383235<br>397554 |
| 313    | <b>Contemporary Trade Directory Entries</b><br>Name: Vath Engineering Co Ltd<br>Location: North Hill Street, Salford, M3 6LS<br>Classification: Engineers - General<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                      | A17SE (NW)                             | 874                          | -       | 382851<br>399057 |
| 313    | <b>Contemporary Trade Directory Entries</b><br>Name: Hts Ltd<br>Location: 9, Cannon Street, Salford, Lancashire, M3 6JH<br>Classification: Seal & Joint Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                             | A17SE (NW)                             | 893                          | -       | 382842<br>399075 |
| 313    | <b>Contemporary Trade Directory Entries</b><br>Name: Hydraulic Transmission Services Ltd<br>Location: 9, Cannon Street, Salford, M3 6JH<br>Classification: Seal & Joint Manufacturers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                      | A17SE (NW)                             | 893                          | -       | 382842<br>399075 |
| 314    | <b>Contemporary Trade Directory Entries</b><br>Name: Brookley Ltd<br>Location: 43-45 Turner St, Manchester, M4 1DN<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                          | A14NE (E)                              | 880                          | -       | 384380<br>398564 |
| 314    | <b>Contemporary Trade Directory Entries</b><br>Name: Fashion Row Manchester Ltd<br>Location: 43-45 Turner St, Manchester, M4 1DN<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location            | A14NE (E)                              | 880                          | -       | 384380<br>398564 |

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| 314    | <b>Contemporary Trade Directory Entries</b><br>Name: M Y Manchester Cleaners<br>Location: 55 Turner Street, Manchester, Greater Manchester, M4 1DN<br>Classification: Cleaning Services - Domestic<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality                    | A14NE (E)                              | 889                          | -       | 384389 398560 |
| 314    | <b>Contemporary Trade Directory Entries</b><br>Name: New Deal Skates<br>Location: 51 Turner St, Manchester, M4 1DN<br>Classification: Leisure & Sportswear Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                      | A14NE (E)                              | 889                          | -       | 384389 398560 |
| 314    | <b>Contemporary Trade Directory Entries</b><br>Name: True Brand International<br>Location: 51, Turner Street, Manchester, Lancashire, M4 1DN<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                          | A14NE (E)                              | 889                          | -       | 384389 398560 |
| 315    | <b>Contemporary Trade Directory Entries</b><br>Name: C G (Europe) Ltd<br>Location: Enterprise House, 15, Whitworth Street West, Manchester, Lancashire, M1 5WG<br>Classification: China & Glassware Manufacturers & Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location | A8SE (S)                               | 888                          | -       | 383721 397526 |
| 316    | <b>Contemporary Trade Directory Entries</b><br>Name: Amek Systems & Controls Ltd<br>Location: Regent Trading Estate, Oldfield Road, Salford, M5 4DE<br>Classification: Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned in the proximity of the address                              | A12SW (W)                              | 889                          | -       | 382581 398324 |
| 316    | <b>Contemporary Trade Directory Entries</b><br>Name: J Cash Metals Ltd<br>Location: Unit 2-3, Regent Trading Estate, Oldfield Road, Salford, M5 4DE<br>Classification: Scrap Metal Merchants<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                       | A12SW (W)                              | 930                          | -       | 382540 398322 |
| 317    | <b>Contemporary Trade Directory Entries</b><br>Name: Leaflet Distribution Manchester<br>Location: Portland Tower, Portland Street, Manchester, Lancashire, M1 3HU<br>Classification: Distribution Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                           | A9NE (SE)                              | 890                          | -       | 384280 397963 |
| 317    | <b>Contemporary Trade Directory Entries</b><br>Name: Scrap A Car For Cash Manchester<br>Location: Portland Tower, Portland Street, Manchester, M1 3LD<br>Classification: Car Breakers & Dismantlers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                | A9NE (SE)                              | 890                          | -       | 384280 397963 |
| 317    | <b>Contemporary Trade Directory Entries</b><br>Name: See-Av<br>Location: Manchester One, 53 Portland Street, Manchester, Greater Manchester, M1 3LD<br>Classification: Cinema Equipment<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality                               | A9NE (SE)                              | 890                          | -       | 384280 397963 |
| 317    | <b>Contemporary Trade Directory Entries</b><br>Name: Best Stairlift Company Reviews<br>Location: Suite 473, 53 Portland Street, Manchester, Greater Manchester, M1 3LD<br>Classification: Stairlifts - Manufacturers & Installers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address  | A9NE (SE)                              | 890                          | -       | 384280 397963 |
| 317    | <b>Contemporary Trade Directory Entries</b><br>Name: Debs Europe Liason Office<br>Location: Portland Tower, Portland Street, Manchester, M1 3LD<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                              | A9NE (SE)                              | 890                          | -       | 384280 397963 |

| Map ID | Details                                                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 317    | <b>Contemporary Trade Directory Entries</b><br>Name: Beverley Clifton Morris<br>Location: Portland Tower, Portland Street, Manchester, Lancashire, M1 3LF<br>Classification: Mechanical Engineers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address              | A9NE (SE)                              | 890                          | -       | 384280 397963 |
| 317    | <b>Contemporary Trade Directory Entries</b><br>Name: Scrap Cars For Cash Manchester<br>Location: Portland St, Manchester, Lancashire, M1 3LF<br>Classification: Car Breakers & Dismantlers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality        | A9NE (SE)                              | 890                          | -       | 384280 397963 |
| 317    | <b>Contemporary Trade Directory Entries</b><br>Name: Scrap A Car Manchester<br>Location: Portland Tower, Portland Street, Manchester, Greater Manchester, M1 3LF<br>Classification: Salvage Dealers<br><b>Status:</b> Active<br>Positional Accuracy: Manually positioned to the address or location       | A9NE (SE)                              | 894                          | -       | 384285 397965 |
| 318    | <b>Contemporary Trade Directory Entries</b><br>Name: Sen Fibre Ltd<br>Location: 2, Dutton Street, Manchester, M3 1LE<br>Classification: Children & Babywear - Manufacturers & Wholesalers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                      | A19NW (NE)                             | 899                          | -       | 383943 399233 |
| 318    | <b>Contemporary Trade Directory Entries</b><br>Name: Starlit Clothing Manufacturers<br>Location: 2, Dutton Street, Manchester, Lancashire, M3 1LE<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location | A19NW (NE)                             | 899                          | -       | 383943 399233 |
| 319    | <b>Contemporary Trade Directory Entries</b><br>Name: Great Man Beer<br>Location: Castlefield, Manchester, Greater Manchester, M3 4BB<br>Classification: Brewers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality                                   | A7SE (SW)                              | 905                          | -       | 382962 397651 |
| 320    | <b>Contemporary Trade Directory Entries</b><br>Name: Arletti Ltd<br>Location: Grafton Works, Oldham Street, Salford, Lancashire, M5 4NN<br>Classification: Tool Design, Manufacturers & Makers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                 | A7NW (SW)                              | 909                          | -       | 382636 398059 |
| 321    | <b>Contemporary Trade Directory Entries</b><br>Name: John C Hewitt<br>Location: Hewitt Street, Manchester, M15 4GB<br>Classification: Car Dealers - Used<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                       | A8SW (S)                               | 909                          | -       | 383462 397477 |
| 321    | <b>Contemporary Trade Directory Entries</b><br>Name: G & M Fabrics<br>Location: Symco House, Little Peter St, Manchester, M15 4PS<br>Classification: Pattern Makers - Paper<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location             | A8SE (S)                               | 926                          | -       | 383493 397460 |
| 321    | <b>Contemporary Trade Directory Entries</b><br>Name: Texco<br>Location: 10, Little Peter Street, Manchester, Lancashire, M15 4PS<br>Classification: Textile Manufacturing<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                      | A8SW (S)                               | 937                          | -       | 383457 397450 |
| 322    | <b>Contemporary Trade Directory Entries</b><br>Name: Dale Garages<br>Location: 45-47, Oldfield Road, Salford, M5 4NE<br>Classification: Car Body Repairs<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                       | A12SW (W)                              | 909                          | -       | 382555 398388 |
| 322    | <b>Contemporary Trade Directory Entries</b><br>Name: Total<br>Location: 45-47, Oldfield Road, Salford, M5 4NE<br>Classification: Petrol Filling Stations<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                       | A12SW (W)                              | 909                          | -       | 382555 398388 |

| Map ID | Details                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 323    | <b>Contemporary Trade Directory Entries</b><br>Name: William Hodgson & Co<br>Location: Sixth Floor, Churchgate House, 56, Oxford Street, Manchester, Lancashire, M1 6EU<br>Classification: Oils - Edible<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location          | A9SW (SE)                              | 910                          | -       | 384028 397647 |
| 324    | <b>Contemporary Trade Directory Entries</b><br>Name: Glass Bottle Bottle Glass<br>Location: Afflecks Arcade, 35-39, Oldham Street, Manchester, M1 1JG<br>Classification: Glass Products - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                  | A14NE (E)                              | 913                          | -       | 384423 398448 |
| 324    | <b>Contemporary Trade Directory Entries</b><br>Name: The Bead Shop<br>Location: Aflex Palace, 52, Church Street, Manchester, M4 1PW<br>Classification: Jewellery Manufacturers & Repairers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                               | A14NE (E)                              | 913                          | -       | 384423 398448 |
| 324    | <b>Contemporary Trade Directory Entries</b><br>Name: Kustom Korner<br>Location: Aflex Palace, 52, Church Street, Manchester, M4 1PW<br>Classification: T-Shirts<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                            | A14NE (E)                              | 913                          | -       | 384423 398448 |
| 324    | <b>Contemporary Trade Directory Entries</b><br>Name: Oblong<br>Location: Aflex Palace, 52, Church Street, Manchester, Lancashire, M4 1PW<br>Classification: Abattoirs<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                             | A14NE (E)                              | 913                          | -       | 384423 398448 |
| 324    | <b>Contemporary Trade Directory Entries</b><br>Name: Sentsations<br>Location: Afflecks Arcade, 35-39, Oldham Street, Manchester, Lancashire, M1 1JG<br>Classification: Perfume Suppliers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                          | A14NE (E)                              | 913                          | -       | 384423 398448 |
| 324    | <b>Contemporary Trade Directory Entries</b><br>Name: D & G Packaging Ltd<br>Location: Afflecks Arcade 35-39, Oldham Street, Manchester, M1 1JG<br>Classification: Paper & Cardboard Products & Packaging - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A14NE (E)                              | 919                          | -       | 384429 398435 |
| 325    | <b>Contemporary Trade Directory Entries</b><br>Name: C H A Technologies Group<br>Location: St. James Buildings, 79, Oxford Street, Manchester, M1 6FQ<br>Classification: Knitting Yarn Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address       | A9SW (SE)                              | 914                          | -       | 384075 397678 |
| 325    | <b>Contemporary Trade Directory Entries</b><br>Name: Soleheat<br>Location: St. James Buildings, 79, Oxford Street, Manchester, M1 6HT<br>Classification: Under Floor Heating<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                               | A9SW (SE)                              | 914                          | -       | 384075 397678 |
| 325    | <b>Contemporary Trade Directory Entries</b><br>Name: C H A Technologies Group<br>Location: St. James Buildings, 79, Oxford Street, Manchester, M1 6FQ<br>Classification: Textile Manufacturing<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                             | A9SW (SE)                              | 914                          | -       | 384075 397678 |
| 325    | <b>Contemporary Trade Directory Entries</b><br>Name: Heatriise<br>Location: St. James Buildings, 79, Oxford Street, Manchester, M1 6HT<br>Classification: Under Floor Heating<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                              | A9SW (SE)                              | 914                          | -       | 384075 397678 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 325    | <b>Contemporary Trade Directory Entries</b><br>Name: Faupel Plc<br>Location: St. James Buildings, 79, Oxford Street, Manchester, Lancashire, M1 6FQ<br>Classification: Soft Furnishings - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                 | A9SW (SE)                              | 914                          | -       | 384075 397678 |
| 325    | <b>Contemporary Trade Directory Entries</b><br>Name: Jany (Uk)<br>Location: St. James Buildings, 79, Oxford Street, Manchester, Lancashire, M1 6FQ<br>Classification: Commercial Vehicle Bodybuilders & Repairers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                | A9SW (SE)                              | 914                          | -       | 384075 397678 |
| 326    | <b>Contemporary Trade Directory Entries</b><br>Name: Robins & Day<br>Location: Unit 3, Manchester Industrial Centre, Water Street, Manchester, Lancashire, M3 4JW<br>Classification: Car Dealers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                        | A7SE (SW)                              | 915                          | -       | 382841 397739 |
| 327    | <b>Contemporary Trade Directory Entries</b><br>Name: Transport For Greater Manchester<br>Location: 2, Picadilly Place, Manchester, Lancashire, M1 3BG<br>Classification: Bus & Coach Operators & Stations<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                               | A14SE (E)                              | 922                          | -       | 384406 398205 |
| 328    | <b>Contemporary Trade Directory Entries</b><br>Name: Victoria Ceramics Ltd<br>Location: A. 1, Cleminson Street, Salford, M3 6EJ<br>Classification: Medical & Dental Laboratories<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                        | A12NW (W)                              | 924                          | -       | 382575 398687 |
| 329    | <b>Contemporary Trade Directory Entries</b><br>Name: The Print Room<br>Location: 46, Edge Street, Manchester, M4 1HN<br>Classification: Screen Process Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                         | A14NE (E)                              | 930                          | -       | 384422 398611 |
| 329    | <b>Contemporary Trade Directory Entries</b><br>Name: James Darby<br>Location: The Deaprtment Store, 1-7, Oak Street, Manchester, Lancashire, M4 5JD<br>Classification: Shirt Makers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                     | A14NE (E)                              | 944                          | -       | 384437 398605 |
| 329    | <b>Contemporary Trade Directory Entries</b><br>Name: Taylor & Galvin<br>Location: 46-48, Copperas Street, Manchester, M4 1HS<br>Classification: Jewellery Manufacturers & Repairers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                     | A14NE (E)                              | 951                          | -       | 384434 398652 |
| 329    | <b>Contemporary Trade Directory Entries</b><br>Name: Manchester Craft & Design Centre<br>Location: Manchester Craft Centre, 17, Oak Street, Manchester, M4 5JD<br>Classification: Ceramic Manufacturers, Supplies & Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address            | A14NE (E)                              | 972                          | -       | 384454 398663 |
| 329    | <b>Contemporary Trade Directory Entries</b><br>Name: Seed Ceramics<br>Location: Studio 14, Manchester Craft Centre, 17, Oak Street, Manchester, Lancashire, M4 5JD<br>Classification: Ceramic Manufacturers, Supplies & Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location | A14NE (E)                              | 973                          | -       | 384454 398663 |
| 330    | <b>Contemporary Trade Directory Entries</b><br>Name: V S M<br>Location: 29, Park Street, Manchester, M3 1EU<br>Classification: Car Body Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                                         | A19NW (NE)                             | 938                          | -       | 383907 399296 |

| Map ID | Details                                                                                                                                                                                                                                                                                       | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 330    | <b>Contemporary Trade Directory Entries</b><br>Name: Arena Autos<br>Location: 29, Park Street, Manchester, M3 1EU<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                               | A19NW (NE)                             | 938                          | -       | 383907<br>399296 |
| 330    | <b>Contemporary Trade Directory Entries</b><br>Name: Ramay<br>Location: 27, Park Street, Manchester, M3 1EU<br>Classification: Hardware<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                            | A19NW (NE)                             | 945                          | -       | 383912<br>399302 |
| 331    | <b>Contemporary Trade Directory Entries</b><br>Name: B & J Supplies<br>Location: 20-22, Mary Street, Manchester, M3 1DZ<br>Classification: Soft Drinks - Manufacturers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                               | A18NW (N)                              | 942                          | -       | 383483<br>399393 |
| 332    | <b>Contemporary Trade Directory Entries</b><br>Name: Joseph Segal Ltd<br>Location: Cortress House, Julia Street, Manchester, M3 1DQ<br>Classification: Packaging Materials Manufacturers & Suppliers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address | A18NE (N)                              | 944                          | -       | 383750<br>399362 |
| 332    | <b>Contemporary Trade Directory Entries</b><br>Name: Riverside Outlet Ltd<br>Location: Cortress House, Julia Street, Manchester, M3 1DQ<br>Classification: Textile Manufacturing<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                   | A18NE (N)                              | 945                          | -       | 383749<br>399363 |
| 332    | <b>Contemporary Trade Directory Entries</b><br>Name: Riverside Outlet Ltd<br>Location: Cortress House, Julia Street, Manchester, Greater Manchester, M3 1DQ<br>Classification: Textile Manufacturing<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address | A18NE (N)                              | 945                          | -       | 383749<br>399363 |
| 332    | <b>Contemporary Trade Directory Entries</b><br>Name: Temple Of Vendora<br>Location: 55 Julia Street, Manchester, Greater Manchester, M3 1LN<br>Classification: Distribution Services<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned within the geographical locality    | A18NE (N)                              | 979                          | -       | 383739<br>399401 |
| 333    | <b>Contemporary Trade Directory Entries</b><br>Name: Spi Materials<br>Location: 105 Princess St, Manchester, Lancashire, M1 6DD<br>Classification: Electricity Companies<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                    | A9NE (SE)                              | 944                          | -       | 384240<br>397804 |
| 334    | <b>Contemporary Trade Directory Entries</b><br>Name: Cooper & Stollbrand<br>Location: Cottenham House, 1, Cottenham Lane, Salford, M3 7LJ<br>Classification: Clothing Accessory Manufacturers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address        | A18NW (N)                              | 947                          | -       | 383332<br>399384 |
| 334    | <b>Contemporary Trade Directory Entries</b><br>Name: Sterling Fashion<br>Location: Sherborne Street West, Salford, M3 7LF<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned in the proximity of the address   | A18NW (N)                              | 947                          | -       | 383332<br>399384 |
| 334    | <b>Contemporary Trade Directory Entries</b><br>Name: A N A Tyres & Exhausts<br>Location: Casablanca Mill, Sherborne St West, Salford, Lancashire, M3 7LF<br>Classification: Tyre Dealers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location    | A18NW (N)                              | 969                          | -       | 383372<br>399412 |
| 334    | <b>Contemporary Trade Directory Entries</b><br>Name: Private White V C<br>Location: Cottenham House, 1, Cottenham Lane, Salford, M3 7LJ<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address        | A18NW (N)                              | 973                          | -       | 383346<br>399412 |

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| 335    | <b>Contemporary Trade Directory Entries</b><br>Name: Print Chain<br>Location: Barlow House, Minshull Street, Manchester, Greater Manchester, M1 3DZ<br>Classification: Printers<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned within the geographical locality                           | A9NE (SE)                              | 950                          | -       | 384380<br>398036 |
| 336    | <b>Contemporary Trade Directory Entries</b><br>Name: Hulley & Kirkwood Consulting Engineers<br>Location: 2, Commercial Street, Manchester, M15 4RQ<br>Classification: Mechanical Engineers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                           | A8SW (S)                               | 951                          | -       | 383389<br>397440 |
| 337    | <b>Contemporary Trade Directory Entries</b><br>Name: Smiler Service<br>Location: Flat 111, The Lock Building, 41, Whitworth Street West, Manchester, M1 5BD<br>Classification: Freight Forwarders<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                      | A9SW (SE)                              | 953                          | -       | 383933<br>397538 |
| 337    | <b>Contemporary Trade Directory Entries</b><br>Name: Bandbox Laundry Premier Outlet<br>Location: Unit C 41 Whitworth Street, Manchester, Greater Manchester, M1 5BE<br>Classification: Laundry & Dry Cleaning Supplies<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address | A9SW (SE)                              | 953                          | -       | 383933<br>397538 |
| 337    | <b>Contemporary Trade Directory Entries</b><br>Name: Graham'S Motors<br>Location: 59, Whitworth Street West, Manchester, Lancashire, M1 5WW<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                | A9SW (SE)                              | 994                          | -       | 383939<br>397495 |
| 338    | <b>Contemporary Trade Directory Entries</b><br>Name: Super Five Auto Care<br>Location: 9-11, Park Street, Manchester, M3 1EU<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                      | A19NW (NE)                             | 954                          | -       | 383984<br>399273 |
| 338    | <b>Contemporary Trade Directory Entries</b><br>Name: Super Five Auto Care<br>Location: 9-11, Park Street, Manchester, M3 1EU<br>Classification: Garage Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                        | A19NW (NE)                             | 954                          | -       | 383984<br>399273 |
| 338    | <b>Contemporary Trade Directory Entries</b><br>Name: Skt Industries<br>Location: 7, Park Street, Manchester, M3 1EU<br>Classification: Leisure & Sportswear Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                              | A19NW (NE)                             | 956                          | -       | 383995<br>399269 |
| 338    | <b>Contemporary Trade Directory Entries</b><br>Name: Super Saeed Hosiery Co<br>Location: 12, Park Street, Manchester, M3 1ES<br>Classification: Lingerie Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                 | A19NW (NE)                             | 977                          | -       | 383975<br>399305 |
| 338    | <b>Contemporary Trade Directory Entries</b><br>Name: Super Saeed Hosiery<br>Location: 12, Park Street, Manchester, M3 1ES<br>Classification: Lingerie Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                    | A19NW (NE)                             | 977                          | -       | 383975<br>399305 |
| 338    | <b>Contemporary Trade Directory Entries</b><br>Name: Super Saeed Hosiery<br>Location: 12, Park Street, Manchester, Lancashire, M3 1ES<br>Classification: Lingerie Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                        | A19NW (NE)                             | 977                          | -       | 383975<br>399305 |
| 338    | <b>Contemporary Trade Directory Entries</b><br>Name: Super Saeed Hosiery<br>Location: 12, Park Street, Manchester, M3 1ES<br>Classification: Lingerie & Hosiery Manufacturers & Wholesalers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                            | A19NW (NE)                             | 977                          | -       | 383975<br>399305 |

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| 338    | <b>Contemporary Trade Directory Entries</b><br>Name: Bhana Clothing<br>Location: 3, Cowburn Street, Manchester, M3 1FS<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                        | A19NW (NE)                             | 995                          | -       | 383961<br>399333 |
| 338    | <b>Contemporary Trade Directory Entries</b><br>Name: Jay Fashions<br>Location: 3, Cowburn Street, Manchester, Lancashire, M3 1FS<br>Classification: Knitwear Manufacturers & Wholesalers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                            | A19NW (NE)                             | 995                          | -       | 383961<br>399333 |
| 339    | <b>Contemporary Trade Directory Entries</b><br>Name: Corner House Publications<br>Location: 2 Tony Wilson Place, Manchester, Greater Manchester, M15 4FN<br>Classification: Distribution Services<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                     | A8SE (S)                               | 954                          | -       | 383726<br>397459 |
| 340    | <b>Contemporary Trade Directory Entries</b><br>Name: M G Trading Castlefield<br>Location: Flat 1, Ship Canal House, 25, Slate Wharf, Manchester, M15 4SX<br>Classification: Toiletries<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                              | A7SE (SW)                              | 954                          | -       | 383027<br>397554 |
| 341    | <b>Contemporary Trade Directory Entries</b><br>Name: Wallpaperland Ltd<br>Location: 5-11, Cheetham Hill Road, Manchester, M4 4FY<br>Classification: Wallpapers & Wall Coverings<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                     | A19NW (NE)                             | 956                          | -       | 384023<br>399251 |
| 342    | <b>Contemporary Trade Directory Entries</b><br>Name: Egerton Narrow Boat Ltd<br>Location: The Arches Boatyard, Potato Wharf, Manchester, M3 4NB<br>Classification: Boatbuilders & Repairers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned in the proximity of the address        | A7SE (SW)                              | 967                          | -       | 382932<br>397597 |
| 343    | <b>Contemporary Trade Directory Entries</b><br>Name: J Walsh & Son Ltd<br>Location: 47, Dutton Street, Manchester, M3 1LF<br>Classification: Bags, Belts & Accessories - Manufacturers & Suppliers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                  | A19NW (N)                              | 969                          | -       | 383840<br>399359 |
| 344    | <b>Contemporary Trade Directory Entries</b><br>Name: Adhesive & Coating Supplies<br>Location: Sherborne Street West, Salford, M3 7LF<br>Classification: Adhesives, Glues & Sealants<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                 | A18NW (N)                              | 974                          | -       | 383406<br>399421 |
| 344    | <b>Contemporary Trade Directory Entries</b><br>Name: Moontex Bedding<br>Location: Casablanca Mill, 19, Sherborne Street West, Salford, M3 7LF<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                   | A18NW (N)                              | 979                          | -       | 383372<br>399422 |
| 345    | <b>Contemporary Trade Directory Entries</b><br>Name: Beehive Telecom<br>Location: 79, Thomas Street, Manchester, M4 1LQ<br>Classification: Telecommunications Equipment & Systems<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                   | A14NE (E)                              | 978                          | -       | 384480<br>398554 |
| 346    | <b>Contemporary Trade Directory Entries</b><br>Name: A Wise Move Waste<br>Location: Unit 4 Allwood St, Salford, Lancashire, M5 4GL<br>Classification: Waste Disposal Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location                | A12SW (W)                              | 979                          | -       | 382502<br>398246 |
| 347    | <b>Contemporary Trade Directory Entries</b><br>Name: K O Sports<br>Location: Apartment 104, Chatsworth House, 19, Lever Street, Manchester, M1 1BY<br>Classification: Sports Equipment Manufacturers & Distributors<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address | A14SE (E)                              | 982                          | -       | 384491<br>398382 |

| Map ID | Details                                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 347    | <b>Contemporary Trade Directory Entries</b><br>Name: Scrap Car Now Today Cash Manchester Town<br>Location: Chatsworth House, 19, Lever Street, Manchester, M1 1AN<br>Classification: Car Breakers & Dismantlers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address       | A14SE (E)                              | 983                          | -       | 384492 398382 |
| 348    | <b>Contemporary Trade Directory Entries</b><br>Name: Stratstone Saab<br>Location: Unit 5, Manchester Industrial Centre, Water Street, Manchester, M3 4JW<br>Classification: Car Dealers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                               | A7SW (SW)                              | 986                          | -       | 382797 397682 |
| 349    | <b>Contemporary Trade Directory Entries</b><br>Name: W H Hammond & Co (Manchester) Ltd<br>Location: 58, Richmond Street, Manchester, M1 3WB<br>Classification: Soft Furnishings - Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                       | A9NE (SE)                              | 987                          | -       | 384296 397807 |
| 350    | <b>Contemporary Trade Directory Entries</b><br>Name: Ideal Car Imports<br>Location: Unit 1, Millow Street, Manchester, M4 4DR<br>Classification: Car Dealers - Used<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                   | A19NE (NE)                             | 987                          | -       | 384202 399146 |
| 351    | <b>Contemporary Trade Directory Entries</b><br>Name: Oxyrane Uk<br>Location: Piccadilly House, 49, Piccadilly, Manchester, M1 2AP<br>Classification: Laboratories<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                     | A14SE (E)                              | 992                          | -       | 384494 398296 |
| 351    | <b>Contemporary Trade Directory Entries</b><br>Name: O C M Print<br>Location: Piccadilly House, 49, Piccadilly, Manchester, M1 2AP<br>Classification: Printers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                        | A14SE (E)                              | 992                          | -       | 384494 398296 |
| 351    | <b>Contemporary Trade Directory Entries</b><br>Name: Sudstech<br>Location: Piccadilly House, 49 Piccadilly, Manchester, Greater Manchester, M1 2AP<br>Classification: Builders' Merchants<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                             | A14SE (E)                              | 992                          | -       | 384494 398296 |
| 351    | <b>Contemporary Trade Directory Entries</b><br>Name: Manchester Office Cleaners<br>Location: Piccadilly House, 49, Piccadilly, Manchester, M1 2AP<br>Classification: Cleaning Services - Domestic<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                     | A14SE (E)                              | 992                          | -       | 384494 398297 |
| 352    | <b>Contemporary Trade Directory Entries</b><br>Name: George Woodhead & Co Ltd<br>Location: 2, Gloucester Street, Manchester, M1 5GP<br>Classification: Printers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                       | A9SW (S)                               | 993                          | -       | 383844 397455 |
| 352    | <b>Contemporary Trade Directory Entries</b><br>Name: John Sherratt & Co Ltd<br>Location: Hotspur House, 2, Gloucester Street, Manchester, M1 5QR<br>Classification: Bookbinding & Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                           | A9SW (S)                               | 993                          | -       | 383844 397455 |
| 352    | <b>Contemporary Trade Directory Entries</b><br>Name: Aaa<br>Location: 2, Gloucester Street, Manchester, M1 5GP<br>Classification: Distribution Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                               | A9SW (S)                               | 993                          | -       | 383844 397455 |
| 352    | <b>Contemporary Trade Directory Entries</b><br>Name: 24 Design Ltd<br>Location: Hotspur House, 2, Gloucester Street, Manchester, Lancashire, M1 5QR<br>Classification: Furniture Manufacturers - Home & Office<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location | A9SW (S)                               | 993                          | -       | 383844 397455 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 353    | <b>Contemporary Trade Directory Entries</b><br>Name: Easy Cars<br>Location: 5, Hulme Street, Salford, Lancashire, M5 4PX<br>Classification: Car Dealers - Used<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                                       | A11NE (W)                              | 993                          | -       | 382470<br>398420 |
| 354    | <b>Contemporary Trade Directory Entries</b><br>Name: Taylors Commercial Cleaning Supplies Ltd<br>Location: Riverside House, Adelphi Street, Salford, Lancashire, M3 6EN<br>Classification: Cleaning Materials & Equipment<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address   | A17NE (NW)                             | 997                          | -       | 382945<br>399285 |
| 355    | <b>Points of Interest - Commercial Services</b><br>Name: Carspa Car Valet Services<br>Location: Reedham House 31, King Street West, Manchester, M3 2PN<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location           | A13SE (SE)                             | 24                           | 10      | 383518<br>398375 |
| 355    | <b>Points of Interest - Commercial Services</b><br>Name: Storage Distribution Ltd<br>Location: Reedham House 31, King Street West, Manchester, M3 2PJ<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location                   | A13SE (SE)                             | 24                           | 10      | 383518<br>398375 |
| 355    | <b>Points of Interest - Commercial Services</b><br>Name: John Good Shipping<br>Location: Cardinal House 20, St. Marys Parsonage, Manchester, M3 2LY<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location                     | A13NE (NE)                             | 29                           | 10      | 383531<br>398453 |
| 355    | <b>Points of Interest - Commercial Services</b><br>Name: C B I<br>Location: Cardinal House 20, St. Marys Parsonage, Manchester, M3 2LY<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location                                  | A13NE (NE)                             | 30                           | 10      | 383531<br>398454 |
| 355    | <b>Points of Interest - Commercial Services</b><br>Name: I C E Transport Co Ltd<br>Location: Cardinal House, St Marys Parsonage, Manchester, Greater Manchester, M3 2LY<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A13NE (NE)                             | 30                           | 10      | 383531<br>398454 |
| 355    | <b>Points of Interest - Commercial Services</b><br>Name: I C C Within National Car Parks<br>Location: King Street West, Manchester, M3 2WY<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location                       | A13SE (E)                              | 80                           | 10      | 383582<br>398390 |
| 355    | <b>Points of Interest - Commercial Services</b><br>Name: Carspa<br>Location: Car Park, King St West, Manchester, Lancashire, M3 2PN<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location                              | A13SE (E)                              | 80                           | 10      | 383582<br>398390 |
| 356    | <b>Points of Interest - Commercial Services</b><br>Name: F1 Mobile Valeting<br>Location: 92-96 Deansgate, Manchester, M3 2QG<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location                                     | A13SE (E)                              | 172                          | 10      | 383682<br>398417 |
| 356    | <b>Points of Interest - Commercial Services</b><br>Name: Stobart Group<br>Location: 1 King Street, Manchester, M2 6AW<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location                                                   | A13SE (E)                              | 203                          | 10      | 383695<br>398341 |
| 357    | <b>Points of Interest - Commercial Services</b><br>Name: B M Tec Ltd<br>Location: 15 New Bailey Street, Salford, M3 5FS<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                               | A13NW (W)                              | 256                          | 10      | 383221<br>398516 |



| Map ID | Details                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 358    | <b>Points of Interest - Commercial Services</b><br>Name: B M Tec<br>Location: 87-88 Cross Street, Salford, M3 7AX<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                      | A13NW (N)                              | 293                          | 10      | 383381<br>398719 |
| 359    | <b>Points of Interest - Commercial Services</b><br>Name: Leyden Bros (Blackfriars) Ltd<br>Location: Blackfriars Corner, Chapel Street, Salford, M3 7AA<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A13NE (N)                              | 304                          | 10      | 383542<br>398752 |
| 359    | <b>Points of Interest - Commercial Services</b><br>Name: Leyden Bros Blackfriars Ltd<br>Location: Blackfriars Corner, Chapel Street, Salford, M3 7AA<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location   | A13NE (N)                              | 304                          | 10      | 383542<br>398752 |
| 359    | <b>Points of Interest - Commercial Services</b><br>Name: A Everall<br>Location: 3 Blackfriars Road, Salford, M3 7AG<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                    | A18SW (N)                              | 311                          | 10      | 383462<br>398760 |
| 359    | <b>Points of Interest - Commercial Services</b><br>Name: A L Everall & Co<br>Location: 3 Blackfriars Road, Salford, M3 7AG<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                             | A18SW (N)                              | 324                          | 10      | 383465<br>398773 |
| 359    | <b>Points of Interest - Commercial Services</b><br>Name: M G S<br>Location: 3 Blackfriars Road, Salford, M3 7AG<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                        | A18SW (N)                              | 324                          | 10      | 383465<br>398773 |
| 360    | <b>Points of Interest - Commercial Services</b><br>Name: The Leaflet Co<br>Location: Croxley House 14, Lloyd Street, Manchester, M2 5ND<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location                  | A8NE (SE)                              | 355                          | 10      | 383667<br>398074 |
| 360    | <b>Points of Interest - Commercial Services</b><br>Name: The Leaflet Company<br>Location: Croxley House 14, Lloyd Street, Manchester, M2 5ND<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location             | A8NE (SE)                              | 355                          | 10      | 383667<br>398074 |
| 361    | <b>Points of Interest - Commercial Services</b><br>Name: M Segal Motor Trimmings Ltd<br>Location: Trimcar House 29, Blackfriars Road, Salford, M3 7AQ<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location  | A18SW (N)                              | 384                          | 10      | 383383<br>398817 |
| 362    | <b>Points of Interest - Commercial Services</b><br>Name: New Pit Stop Garage Ltd<br>Location: 1 Norton Street, Salford, M3 7NW<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                         | A18SE (N)                              | 438                          | 10      | 383622<br>398872 |
| 362    | <b>Points of Interest - Commercial Services</b><br>Name: New Pit Stop Garage<br>Location: 1 Norton Street, Salford, M3 7NW<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                             | A18SE (N)                              | 439                          | 10      | 383622<br>398873 |
| 362    | <b>Points of Interest - Commercial Services</b><br>Name: New Pit Stop Garage<br>Location: 1 Norton Street, Salford, M3 7NW<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                             | A18SE (N)                              | 439                          | 10      | 383622<br>398873 |

| Map ID | Details                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 363    | <b>Points of Interest - Commercial Services</b><br>Name: The Accident Group<br>Location: 55 King Street, Manchester, M2 4LQ<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                           | A14SW (E)                              | 446                          | 10      | 383933<br>398286 |
| 363    | <b>Points of Interest - Commercial Services</b><br>Name: Brenca Metals Ltd<br>Location: Ship Canal House 98, King Street, Manchester, M2 4WU<br>Category: Recycling Services<br>Class Code: Scrap Metal Merchants<br>Positional Accuracy: Positioned to address or location                            | A14SW (E)                              | 503                          | 10      | 383976<br>398234 |
| 364    | <b>Points of Interest - Commercial Services</b><br>Name: Mount Distribution Ltd<br>Location: 2 Mount Street, Manchester, M2 5WQ<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location                         | A8NE (SE)                              | 459                          | 10      | 383773<br>398020 |
| 365    | <b>Points of Interest - Commercial Services</b><br>Name: Renault Service Centre<br>Location: 56 Bury Street, Salford, M3 7DA<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                          | A18SW (NW)                             | 473                          | 10      | 383232<br>398846 |
| 365    | <b>Points of Interest - Commercial Services</b><br>Name: Renault Service Centre<br>Location: 56 Bury Street, Salford, M3 7DA<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                          | A18SW (NW)                             | 473                          | 10      | 383232<br>398846 |
| 366    | <b>Points of Interest - Commercial Services</b><br>Name: Car Care Express<br>Location: Arch 4, Irwell Street, Salford, M3 5EN<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                         | A12SE (W)                              | 499                          | 10      | 382967<br>398385 |
| 366    | <b>Points of Interest - Commercial Services</b><br>Name: Carcare Express N W Ltd<br>Location: Arch 4, Irwell Street, Salford, M3 5EN<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                  | A12SE (W)                              | 499                          | 10      | 382967<br>398385 |
| 367    | <b>Points of Interest - Commercial Services</b><br>Name: D C Motor Engineers<br>Location: 1-3 York Street, Manchester, M1 7DE<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                         | A14SW (E)                              | 586                          | 10      | 384082<br>398298 |
| 368    | <b>Points of Interest - Commercial Services</b><br>Name: Automation Providers<br>Location: 277 Deansgate, Manchester, M3 4EW<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                          | A8NW (S)                               | 623                          | 10      | 383474<br>397763 |
| 369    | <b>Points of Interest - Commercial Services</b><br>Name: Total Towing<br>Location: Woolwich House 61, Mosley Street, Manchester, M2 3HZ<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location               | A14SW (SE)                             | 678                          | 10      | 384117<br>398114 |
| 369    | <b>Points of Interest - Commercial Services</b><br>Name: Hazexperts<br>Location: International House, 61 Mosley Street, Manchester, M2 3HZ<br>Category: Recycling Services<br>Class Code: Recycling, Reclamation and Disposal<br>Positional Accuracy: Positioned to address or location                | A14SW (SE)                             | 686                          | 10      | 384126<br>398113 |
| 369    | <b>Points of Interest - Commercial Services</b><br>Name: M 1 1st Call Locksmiths<br>Location: Cobac House 14-16, Charlotte Street, Manchester, M1 4FL<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A9NE (SE)                              | 763                          | 10      | 384186<br>398060 |

| Map ID | Details                                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 370    | <b>Points of Interest - Commercial Services</b><br>Name: Duffy Motors Manchester Ltd<br>Location: Arch 16-17, Watson Street, Manchester, M3 4LP<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location         | A8SE (S)                               | 680                          | 10      | 383567 397709 |
| 370    | <b>Points of Interest - Commercial Services</b><br>Name: Duffy Motors Ltd<br>Location: Arch 16-17, Watson Street, Manchester, M3 4LP<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                    | A8SE (S)                               | 685                          | 10      | 383563 397703 |
| 371    | <b>Points of Interest - Commercial Services</b><br>Name: Pest Solutions Ltd<br>Location: Peter House, Oxford Street, Manchester, M1 5AN<br>Category: Contract Services<br>Class Code: Pest and Vermin Control<br>Positional Accuracy: Positioned to address or location                                  | A9NW (SE)                              | 689                          | 10      | 383924 397846 |
| 372    | <b>Points of Interest - Commercial Services</b><br>Name: The Dash Doctor<br>Location: 321 Deansgate, Manchester, M3 4LQ<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                 | A8SW (S)                               | 767                          | 10      | 383424 397622 |
| 373    | <b>Points of Interest - Commercial Services</b><br>Name: Scrap That Car<br>Location: 91 PRINCESS STREET, Manchester, M1 4HT<br>Category: Recycling Services<br>Class Code: Scrap Metal Merchants<br>Positional Accuracy: Positioned to address or location                                               | A9NW (SE)                              | 773                          | 10      | 384129 397942 |
| 374    | <b>Points of Interest - Commercial Services</b><br>Name: Secure Data Recycling Ltd<br>Location: Alex House 260-268, Chapel Street, Salford, M3 5JZ<br>Category: Recycling Services<br>Class Code: Recycling, Reclamation and Disposal<br>Positional Accuracy: Positioned to address or location          | A12NW (W)                              | 787                          | 10      | 382687 398563 |
| 374    | <b>Points of Interest - Commercial Services</b><br>Name: Eurofabs UK Ltd<br>Location: Alex House 260-268, Chapel Street, Salford, M3 5JZ<br>Category: Construction Services<br>Class Code: Metalworkers Including Blacksmiths<br>Positional Accuracy: Positioned to address or location                  | A12NW (W)                              | 787                          | 10      | 382687 398563 |
| 375    | <b>Points of Interest - Commercial Services</b><br>Name: London Global<br>Location: Imex House 40, Princess Street, Manchester, M1 6DE<br>Category: Recycling Services<br>Class Code: Recycling, Reclamation and Disposal<br>Positional Accuracy: Positioned to address or location                      | A9NE (SE)                              | 865                          | 10      | 384170 397843 |
| 375    | <b>Points of Interest - Commercial Services</b><br>Name: Patriot Advertising Solutions<br>Location: Imex House 40, Princess Street, Manchester, M1 6DE<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location    | A9NE (SE)                              | 865                          | 10      | 384170 397844 |
| 376    | <b>Points of Interest - Commercial Services</b><br>Name: G T Autos<br>Location: 88 Hewitt Street, Manchester, M15 4GB<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                   | A8SE (S)                               | 884                          | 10      | 383499 397502 |
| 377    | <b>Points of Interest - Commercial Services</b><br>Name: Scrap a Car Manchester<br>Location: 53 Portland Street, Manchester, M1 3LD<br>Category: Recycling Services<br>Class Code: Scrap Metal Merchants<br>Positional Accuracy: Positioned to address or location                                       | A9NE (SE)                              | 890                          | 10      | 384279 397963 |
| 377    | <b>Points of Interest - Commercial Services</b><br>Name: Leaflet Distribution Manchester<br>Location: Portland Tower, Portland Street, Manchester, M1 3HU<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A9NE (SE)                              | 890                          | 10      | 384280 397963 |

| Map ID | Details                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 378    | <b>Points of Interest - Commercial Services</b><br>Name: M G Mechanical Services<br>Location: 82 Hewitt Street, Manchester, M15 4GB<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                        | A8SE (S)                               | 893                          | 10      | 383593<br>397498 |
| 379    | <b>Points of Interest - Commercial Services</b><br>Name: Dale Garages<br>Location: 45-47 Oldfield Road, Salford, M5 4NE<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                    | A12SW (W)                              | 909                          | 10      | 382555<br>398388 |
| 379    | <b>Points of Interest - Commercial Services</b><br>Name: J Cash Metals Ltd<br>Location: Unit 3 Regent Trading Estate, Oldfield Road, Salford, M5 4DE<br>Category: Recycling Services<br>Class Code: Scrap Metal Merchants<br>Positional Accuracy: Positioned to address or location                         | A12SW (W)                              | 930                          | 10      | 382540<br>398322 |
| 379    | <b>Points of Interest - Commercial Services</b><br>Name: J Cash Metals Ltd<br>Location: Unit 2-3 Regent Trading Estate, Oldfield Road, Salford, M5 4DE<br>Category: Recycling Services<br>Class Code: Scrap Metal Merchants<br>Positional Accuracy: Positioned to address or location                       | A12SW (W)                              | 930                          | 10      | 382540<br>398322 |
| 380    | <b>Points of Interest - Commercial Services</b><br>Name: Kickstart Motorcycles<br>Location: 77 Arches, Whitworth Street West, Manchester, M1 5WQ<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location           | A8SE (S)                               | 914                          | 10      | 383702<br>397495 |
| 380    | <b>Points of Interest - Commercial Services</b><br>Name: Corner House Publications<br>Location: 2 Tony Wilson Place, Manchester, M15 4FN<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location                     | A8SE (S)                               | 955                          | 10      | 383726<br>397459 |
| 381    | <b>Points of Interest - Commercial Services</b><br>Name: I T True Ltd<br>Location: St. James Building 79, Oxford Street, Manchester, M1 6FQ<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location                  | A9SW (SE)                              | 914                          | 10      | 384075<br>397678 |
| 381    | <b>Points of Interest - Commercial Services</b><br>Name: Faupel Plc<br>Location: St. James Buildings 79, Oxford Street, Manchester, M1 6FQ<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location                   | A9SW (SE)                              | 914                          | 10      | 384075<br>397678 |
| 382    | <b>Points of Interest - Commercial Services</b><br>Name: Arena Autos<br>Location: 29 Park Street, Manchester, M3 1EU<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                       | A19NW (NE)                             | 938                          | 10      | 383907<br>399296 |
| 382    | <b>Points of Interest - Commercial Services</b><br>Name: Super Five Auto Care<br>Location: 9-11 Park Street, Manchester, M3 1EU<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                            | A19NW (NE)                             | 954                          | 10      | 383984<br>399273 |
| 382    | <b>Points of Interest - Commercial Services</b><br>Name: Super Five Auto Care<br>Location: 9-11 Park Street, Manchester, M3 1EU<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                            | A19NW (NE)                             | 954                          | 10      | 383984<br>399273 |
| 383    | <b>Points of Interest - Commercial Services</b><br>Name: Smiler Service<br>Location: Unit 3c The Lock Building, 41 Whitworth Street West, Manchester, M1 5BD<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A9SW (SE)                              | 942                          | 10      | 383932<br>397550 |

| Map ID | Details                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 383    | <b>Points of Interest - Commercial Services</b><br>Name: Graham's Motors<br>Location: 59 Whitworth Street West, Manchester, M1 5WW<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                          | A9SW (SE)                              | 994                          | 10      | 383939<br>397495 |
| 383    | <b>Points of Interest - Commercial Services</b><br>Name: J E Gordon Ltd<br>Location: 60 Whitworth Street West, Manchester, M1 5WW<br>Category: Construction Services<br>Class Code: Metalworkers Including Blacksmiths<br>Positional Accuracy: Positioned to address or location                             | A9SW (SE)                              | 995                          | 10      | 383963<br>397507 |
| 384    | <b>Points of Interest - Commercial Services</b><br>Name: Food & Booze UK Ltd<br>Location: 22 Briddon Street, Manchester, M3 1LS<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location                               | A18NE (N)                              | 969                          | 10      | 383744<br>399389 |
| 385    | <b>Points of Interest - Commercial Services</b><br>Name: Publicity<br>Location: 2 Gloucester Street, Manchester, M1 5GP<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location                                       | A9SW (S)                               | 993                          | 10      | 383844<br>397455 |
| 385    | <b>Points of Interest - Commercial Services</b><br>Name: All About Audiences Distribution<br>Location: Hotspur House 2, Gloucester Street, Manchester, M1 5QR<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A9SW (S)                               | 993                          | 10      | 383843<br>397455 |
| 386    | <b>Points of Interest - Education and Health</b><br>Name: NHS Nightingale Hospital North West<br>Location: Windmill Street, Manchester, M2 3GX<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location                       | A8NE (S)                               | 665                          | 10      | 383685<br>397748 |
| 387    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Forsyth Bros<br>Location: 126 Deansgate, Manchester, M3 2GR<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                                | A13SE (SE)                             | 150                          | 10      | 383623<br>398306 |
| 387    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Mwb Business Exchange<br>Location: John Dalton House 121, Deansgate, Manchester, M3 2BX<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location    | A13SE (SE)                             | 219                          | 10      | 383650<br>398230 |
| 387    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Bruntwood Business Ltd<br>Location: Centurion House 129, Deansgate, Manchester, M3 3WR<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location     | A13SE (SE)                             | 276                          | 10      | 383636<br>398148 |
| 388    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Spectrum Investment Management<br>Location: The Edge, Clowes Street, Salford, M3 5NA<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location       | A13NE (NE)                             | 180                          | 10      | 383610<br>398594 |
| 388    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Stone Mine<br>Location: 22 Blackfriars Street, Salford, M3 5BQ<br>Category: Extractive Industries<br>Class Code: Stone Quarrying and Preparation<br>Positional Accuracy: Positioned to address or location                                 | A13NE (NE)                             | 195                          | 10      | 383593<br>398623 |
| 389    | <b>Points of Interest - Manufacturing and Production</b><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                                                     | A13NW (N)                              | 191                          | 10      | 383463<br>398638 |

| Map ID | Details                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 390    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Acresfield<br>Location: 8-10 Exchange Street, Manchester, M2 7HA<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                                    | A13NE (E)                              | 293                          | 10      | 383797<br>398486 |
| 391    | <b>Points of Interest - Manufacturing and Production</b><br>Name: The Words Business Centre<br>Location: 19 Ralli Courts, New Bailey Street, Salford, M3 5FT<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location          | A13SW (W)                              | 306                          | 10      | 383165<br>398365 |
| 391    | <b>Points of Interest - Manufacturing and Production</b><br>Name: The Words Business Centre<br>Location: 19 Ralli Courts, New Bailey Street, Salford, M3 5FT<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location          | A13SW (W)                              | 306                          | 10      | 383165<br>398365 |
| 392    | <b>Points of Interest - Manufacturing and Production</b><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 (NW)                             | 319                          | 10      | 383195<br>398606 |
| 392    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                                                          | A13NW (NW)                             | 323                          | 10      | 383192<br>398608 |
| 393    | <b>Points of Interest - Manufacturing and Production</b><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                                                                | A18SW (N)                              | 338                          | 10      | 383373<br>398764 |
| 393    | <b>Points of Interest - Manufacturing and Production</b><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)                              | 389                          | 10      | 383381<br>398821 |
| 393    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Factory<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to address or location                                                                                    | A18SW (N)                              | 390                          | 10      | 383384<br>398823 |
| 394    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Deva City Office Park<br>Location: Brewery Yard Deva City Office Park, Trinity Way, Salford, M3 7BB<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location | A13NW (NW)                             | 365                          | 10      | 383284<br>398751 |
| 395    | <b>Points of Interest - Manufacturing and Production</b><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                                                                | A18SE (N)                              | 375                          | 10      | 383504<br>398826 |
| 395    | <b>Points of Interest - Manufacturing and Production</b><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                                                                | A18SE (N)                              | 384                          | 10      | 383511<br>398835 |
| 395    | <b>Points of Interest - Manufacturing and Production</b><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                                                              | A18SE (N)                              | 398                          | 10      | 383528<br>398848 |



| Map ID | Details                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 396    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Bruntwood Ltd<br>Location: 2-10 Albert Square, Manchester, M2 6LW<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                  | A13SE (SE)                             | 379                          | 10      | 383794<br>398151 |
| 397    | <b>Points of Interest - Manufacturing and Production</b><br>Name: The Offices<br>Location: 53 King Street, Manchester, M2 4LQ<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                        | A14SW (E)                              | 397                          | 10      | 383885<br>398295 |
| 397    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Orega Management Ltd<br>Location: 76 King Street, Manchester, M2 4NH<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location               | A14SW (SE)                             | 405                          | 10      | 383878<br>398248 |
| 397    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Regus<br>Location: 82 King Street, Manchester, M2 4WQ<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                              | A14SW (E)                              | 447                          | 10      | 383923<br>398256 |
| 398    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                                         | A12SE (SW)                             | 455                          | 10      | 383055<br>398232 |
| 399    | <b>Points of Interest - Manufacturing and Production</b><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                                               | A18SW (NW)                             | 468                          | 10      | 383274<br>398862 |
| 399    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                                         | A18SW (NW)                             | 469                          | 10      | 383270<br>398861 |
| 400    | <b>Points of Interest - Manufacturing and Production</b><br>Name: 1 Marsden Street Business Centre<br>Location: 1 Marsden Street, Manchester, M2 1HW<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location | A14SW (E)                              | 469                          | 10      | 383974<br>398356 |
| 401    | <b>Points of Interest - Manufacturing and Production</b><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                                               | A18SE (N)                              | 492                          | 10      | 383491<br>398943 |
| 401    | <b>Points of Interest - Manufacturing and Production</b><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                                               | A18SE (N)                              | 508                          | 10      | 383527<br>398958 |
| 401    | <b>Points of Interest - Manufacturing and Production</b><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                                               | A18SE (N)                              | 558                          | 10      | 383541<br>399008 |
| 402    | <b>Points of Interest - Manufacturing and Production</b><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                                               | A18SE (N)                              | 504                          | 10      | 383688<br>398919 |

| Map ID | Details                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 402    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                                                    | A18SE (N)                              | 504                          | 10      | 383688<br>398919 |
| 402    | <b>Points of Interest - Manufacturing and Production</b><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                                                          | A18SE (N)                              | 548                          | 10      | 383674<br>398971 |
| 402    | <b>Points of Interest - Manufacturing and Production</b><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                                                          | A18SE (N)                              | 554                          | 10      | 383649<br>398985 |
| 402    | <b>Points of Interest - Manufacturing and Production</b><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                                                          | A18SE (N)                              | 566                          | 10      | 383692<br>398984 |
| 403    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Factory<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to address or location                                                                              | A18SW (N)                              | 523                          | 10      | 383386<br>398961 |
| 403    | <b>Points of Interest - Manufacturing and Production</b><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)                              | 524                          | 10      | 383384<br>398962 |
| 403    | <b>Points of Interest - Manufacturing and Production</b><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                                                          | A18SW (N)                              | 554                          | 10      | 383411<br>398998 |
| 403    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                                                    | A18SW (N)                              | 554                          | 10      | 383407<br>398997 |
| 403    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                                                    | A18SW (N)                              | 563                          | 10      | 383410<br>399007 |
| 404    | <b>Points of Interest - Manufacturing and Production</b><br>Name: MIs Business Centres<br>Location: The Triangle, Hanging Ditch, Manchester, Lancashire, M4 3TR<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location | A14NW (NE)                             | 537                          | 10      | 383956<br>398734 |
| 404    | <b>Points of Interest - Manufacturing and Production</b><br>Name: MIs Business Centres<br>Location: The Triangle, Hanging Ditch, Manchester, Lancashire, M4 3TR<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location | A14NW (NE)                             | 537                          | 10      | 383956<br>398734 |
| 405    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Market Poultry<br>Location: Arndale House, Arndale Centre, Manchester, M4 3AQ<br>Category: Farming<br>Class Code: Poultry Farming, Equipment and Supplies<br>Positional Accuracy: Positioned to address or location                           | A14NW (E)                              | 563                          | 10      | 384059<br>398554 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 405    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Market Poultry<br>Location: Arndale House, Arndale Centre, Manchester, M4 3AQ<br>Category: Farming<br>Class Code: Poultry Farming, Equipment and Supplies<br>Positional Accuracy: Positioned to address or location                                                  | A14NW (E)                              | 563                          | 10      | 384059 398554 |
| 406    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                           | A18SE (N)                              | 598                          | 10      | 383585 399043 |
| 406    | <b>Points of Interest - Manufacturing and Production</b><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                                                                                 | A18SE (N)                              | 599                          | 10      | 383588 399044 |
| 407    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Bruntwood Business Centres Ltd<br>Location: Lowry House 17, Marble Street, Manchester, M2 3AW<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                        | A14SW (E)                              | 604                          | 10      | 384110 398358 |
| 408    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Regus<br>Location: Barnett House 53, Fountain Street, Manchester, M2 2AN<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                                             | A14SW (E)                              | 640                          | 10      | 384112 398208 |
| 408    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Abbey Business Centre<br>Location: Barnett House 53, Fountain Street, Manchester, M2 2AN<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                             | A14SW (E)                              | 640                          | 10      | 384112 398208 |
| 408    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Abbey Business Centre<br>Location: Barnett House 53, Fountain Street, Manchester, M2 2AN<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                             | A14SW (E)                              | 640                          | 10      | 384112 398208 |
| 408    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Abbey Business Centre<br>Location: Barnett House 53, Fountain Street, Manchester, M2 2AN<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                             | A14SW (E)                              | 640                          | 10      | 384112 398208 |
| 409    | <b>Points of Interest - Manufacturing and Production</b><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                                                                                 | A12NE (W)                              | 647                          | 10      | 382849 398638 |
| 410    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Century House Commissionaire<br>Location: Century Ho, 11 St Peters Sq, Manchester, M2 3DN<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                            | A9NW (SE)                              | 658                          | 10      | 383980 397940 |
| 410    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Century House Commissionaire<br>Location: Century House, 11 St Peters Square, Manchester, Greater Manchester, M2 3DN<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location | A9NW (SE)                              | 658                          | 10      | 383980 397940 |
| 411    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Regus<br>Location: Peter House, Oxford Street, Manchester, M1 5AN<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                                                    | A9NW (SE)                              | 688                          | 10      | 383925 397847 |

| Map ID | Details                                                                                                                                                                                                                                                                                    | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 411    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Regus<br>Location: Peter House, Oxford Street, Manchester, M1 5AN<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location        | A9NW (SE)                              | 688                          | 10      | 383925<br>397847 |
| 411    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Nemesis Agency Ltd<br>Location: 1 Oxford Court, Manchester, M2 3WQ<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location       | A9NW (SE)                              | 721                          | 10      | 383901<br>397789 |
| 412    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: M3<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                                               | A18NE (N)                              | 688                          | 10      | 383664<br>399119 |
| 413    | <b>Points of Interest - Manufacturing and Production</b><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                                     | A17SE (NW)                             | 694                          | 10      | 383111<br>399031 |
| 413    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                               | A17SE (NW)                             | 696                          | 10      | 383108<br>399032 |
| 414    | <b>Points of Interest - Manufacturing and Production</b><br>Name: The Printworks<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                            | A14NW (NE)                             | 695                          | 10      | 384126<br>398753 |
| 415    | <b>Points of Interest - Manufacturing and Production</b><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                                     | A18NW (N)                              | 732                          | 10      | 383472<br>399183 |
| 415    | <b>Points of Interest - Manufacturing and Production</b><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                                   | A18NW (N)                              | 736                          | 10      | 383388<br>399179 |
| 416    | <b>Points of Interest - Manufacturing and Production</b><br>Name: City Tower<br>Location: City Tower, Piccadilly Plaza, Manchester, M1 4BT<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location | A14SE (E)                              | 758                          | 10      | 384236<br>398207 |
| 417    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Business Centre<br>Location: M3<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to an adjacent address or location                              | A18NW (N)                              | 782                          | 10      | 383375<br>399223 |
| 417    | <b>Points of Interest - Manufacturing and Production</b><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                                   | A18NW (N)                              | 833                          | 10      | 383307<br>399261 |
| 417    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Factory<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                             | A18NW (N)                              | 833                          | 10      | 383302<br>399260 |

| Map ID | Details                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 418    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: M3<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                | A19NW (NE)                             | 807                          | 10      | 383834<br>399186 |
| 418    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: M3<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                | A19NW (NE)                             | 871                          | 10      | 383872<br>399239 |
| 419    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Locus Properties Ltd<br>Location: 19 Albion Wharf, Manchester, M1 5LN<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                     | A8SE (S)                               | 828                          | 10      | 383660<br>397574 |
| 420    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Citibase<br>Location: Imex House 40, Princess Street, Manchester, M1 6DE<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                  | A9NE (SE)                              | 865                          | 10      | 384170<br>397844 |
| 420    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Citibase<br>Location: Imex House 40, Princess Street, Manchester, M1 6DE<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                  | A9NE (SE)                              | 865                          | 10      | 384170<br>397844 |
| 420    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Citibase Business Centres<br>Location: Imex House 40, Princess Street, Manchester, M1 6DE<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location | A9NE (SE)                              | 865                          | 10      | 384170<br>397844 |
| 421    | <b>Points of Interest - Manufacturing and Production</b><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                                                    | A18NE (N)                              | 870                          | 10      | 383522<br>399321 |
| 421    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Factory<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to address or location                                                                          | A18NE (N)                              | 875                          | 10      | 383528<br>399326 |
| 421    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                                                | A18NE (N)                              | 890                          | 10      | 383490<br>399341 |
| 421    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                                                | A18NE (N)                              | 892                          | 10      | 383507<br>399343 |
| 421    | <b>Points of Interest - Manufacturing and Production</b><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                                                      | A18NE (N)                              | 893                          | 10      | 383510<br>399344 |
| 421    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: M3<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                | A18NE (N)                              | 950                          | 10      | 383571<br>399398 |

| Map ID | Details                                                                                                                                                                                                                                                                                                       | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 422    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                                                  | A17SE (NW)                             | 870                          | 10      | 382852 399053 |
| 423    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Bruntwood<br>Location: 53 Portland Street, Manchester, M1 3LD<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                               | A9NE (SE)                              | 890                          | 10      | 384280 397965 |
| 423    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Bruntwood<br>Location: Portland Tower, Portland Street, Manchester, M1 3LD<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                  | A9NE (SE)                              | 890                          | 10      | 384280 397963 |
| 423    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Bruntwood Business Centres<br>Location: Portland Tower, Portland Street, Manchester, M1 3LD<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location | A9NE (SE)                              | 890                          | 10      | 384280 397963 |
| 424    | <b>Points of Interest - Manufacturing and Production</b><br>Name: lwyk Ltd<br>Location: 1 The Royal, Wilton Place, Salford, M3 6WP<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                            | A12NW (W)                              | 892                          | 10      | 382581 398559 |
| 425    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: M3<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to address or location                                                                                              | A18NE (N)                              | 902                          | 10      | 383773 399311 |
| 425    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tanks<br>Location: M3<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                 | A18NE (N)                              | 902                          | 10      | 383773 399311 |
| 425    | <b>Points of Interest - Manufacturing and Production</b><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                                                      | A18NE (N)                              | 911                          | 10      | 383733 399332 |
| 425    | <b>Points of Interest - Manufacturing and Production</b><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                                                      | A18NE (N)                              | 936                          | 10      | 383753 399352 |
| 425    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Factory<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to address or location                                                                            | A18NE (N)                              | 939                          | 10      | 383753 399355 |
| 426    | <b>Points of Interest - Manufacturing and Production</b><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                                                        | A8SW (S)                               | 904                          | 10      | 383464 397482 |
| 426    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M15<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                                                 | A8SW (S)                               | 905                          | 10      | 383460 397481 |



| Map ID | Details                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 426    | <b>Points of Interest - Manufacturing and Production</b><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               | A8SE (S)                               | 906                          | 10      | 383567<br>397482 |
| 426    | <b>Points of Interest - Manufacturing and Production</b><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             | A8SW (S)                               | 951                          | 10      | 383457<br>397435 |
| 426    | <b>Points of Interest - Manufacturing and Production</b><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               | A8SW (S)                               | 953                          | 10      | 383429<br>397435 |
| 426    | <b>Points of Interest - Manufacturing and Production</b><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)                               | 954                          | 10      | 383495<br>397432 |
| 426    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M15<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                        | A8SW (S)                               | 954                          | 10      | 383425<br>397434 |
| 426    | <b>Points of Interest - Manufacturing and Production</b><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               | A8SW (S)                               | 971                          | 10      | 383452<br>397416 |
| 427    | <b>Points of Interest - Manufacturing and Production</b><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               | A12SW (W)                              | 908                          | 10      | 382556<br>398404 |
| 428    | <b>Points of Interest - Manufacturing and Production</b><br>Name: China House<br>Location: M1<br>Category: Extractive Industries<br>Class Code: Sand, Gravel and Clay Extraction and Merchants<br>Positional Accuracy: Positioned to an adjacent address or location | A9NW (SE)                              | 915                          | 10      | 384155<br>397750 |
| 428    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M1<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                         | A9SE (SE)                              | 963                          | 10      | 384189<br>397717 |
| 428    | <b>Points of Interest - Manufacturing and Production</b><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               | A9SE (SE)                              | 966                          | 10      | 384193<br>397717 |
| 429    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                         | A19NW (NE)                             | 930                          | 10      | 383912<br>399285 |
| 429    | <b>Points of Interest - Manufacturing and Production</b><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               | A19NW (NE)                             | 932                          | 10      | 383915<br>399286 |

| Map ID | Details                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 429    | <b>Points of Interest - Manufacturing and Production</b><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             | A19NW (NE)                             | 943                          | 10      | 383953<br>399278 |
| 429    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                         | A19NW (NE)                             | 946                          | 10      | 383978<br>399268 |
| 429    | <b>Points of Interest - Manufacturing and Production</b><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               | A19NW (NE)                             | 949                          | 10      | 383982<br>399269 |
| 429    | <b>Points of Interest - Manufacturing and Production</b><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             | A19NW (NE)                             | 993                          | 10      | 383921<br>399350 |
| 429    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Factory<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to address or location                                   | A19NW (NE)                             | 995                          | 10      | 383922<br>399352 |
| 430    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Factory<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                       | A7SE (SW)                              | 954                          | 10      | 382861<br>397668 |
| 431    | <b>Points of Interest - Manufacturing and Production</b><br>Name: High Technology Centre<br>Location: M3<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to an adjacent address or location | A17SW (NW)                             | 959                          | 10      | 382622<br>398893 |
| 432    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                         | A19NW (N)                              | 966                          | 10      | 383838<br>399356 |
| 432    | <b>Points of Interest - Manufacturing and Production</b><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               | A19NW (N)                              | 968                          | 10      | 383841<br>399357 |
| 432    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Factory<br>Location: M3<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                       | A18NE (N)                              | 978                          | 10      | 383820<br>399375 |
| 432    | <b>Points of Interest - Manufacturing and Production</b><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             | A19NW (N)                              | 980                          | 10      | 383825<br>399376 |
| 433    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tanks<br>Location: M7<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                        | A18NW (N)                              | 987                          | 10      | 383211<br>399395 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 434    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Piccadilly House<br>Location: Piccadilly House 49, Piccadilly, Manchester, M1 2AP<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                                  | A14SE (E)                              | 992                          | 10      | 384494 398297 |
| 434    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Piccadilly House<br>Location: Piccadilly House 49, Piccadilly, Manchester, M1 2AP<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                                  | A14SE (E)                              | 992                          | 10      | 384494 398297 |
| 434    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Think Power Ltd<br>Location: Piccadilly House 49, Piccadilly, Manchester, M1 2AP<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location                                   | A14SE (E)                              | 992                          | 10      | 384494 398296 |
| 435    | <b>Points of Interest - Public Infrastructure</b><br>Name: Salford Central Rail Station<br>Location: Gore Street, M3<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Railway Stations, Junctions and Halts<br>Positional Accuracy: Positioned to address or location                                       | A12NE (W)                              | 352                          | 10      | 383113 398465 |
| 435    | <b>Points of Interest - Public Infrastructure</b><br>Name: Salford Central Station<br>Location: Gore Street, M3<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Railway Stations, Junctions and Halts<br>Positional Accuracy: Positioned to address or location                                            | A12NE (W)                              | 352                          | 10      | 383113 398465 |
| 436    | <b>Points of Interest - Public Infrastructure</b><br>Name: Bootle Street Police Station<br>Location: Bootle Street, Manchester, M2 5GU<br>Category: Central and Local Government<br>Class Code: Police Stations<br>Positional Accuracy: Positioned to address or location                                                            | A8NE (SE)                              | 452                          | 10      | 383726 397997 |
| 437    | <b>Points of Interest - Public Infrastructure</b><br>Name: Manchester City Council<br>Location: Town Hall, Albert Square, Manchester, M2 5DB<br>Category: Infrastructure and Facilities<br>Class Code: Waste Storage, Processing and Disposal<br>Positional Accuracy: Positioned to address or location                              | A14SW (SE)                             | 475                          | 10      | 383867 398089 |
| 438    | <b>Points of Interest - Public Infrastructure</b><br>Name: Anywaste UK<br>Location: St. James Court 30, Brown Street, Manchester, M2 1DH<br>Category: Infrastructure and Facilities<br>Class Code: Waste Storage, Processing and Disposal<br>Positional Accuracy: Positioned to address or location                                  | A14SW (E)                              | 509                          | 10      | 384013 398350 |
| 438    | <b>Points of Interest - Public Infrastructure</b><br>Name: Wastelift<br>Location: St. James Court 30, Brown Street, Manchester, M2 1DH<br>Category: Infrastructure and Facilities<br>Class Code: Waste Storage, Processing and Disposal<br>Positional Accuracy: Positioned to address or location                                    | A14SW (E)                              | 509                          | 10      | 384013 398347 |
| 438    | <b>Points of Interest - Public Infrastructure</b><br>Name: Tesco Petrol Filling Station<br>Location: 58-66 Market Street, Manchester, M1 1PW<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location                                                            | A14NW (E)                              | 535                          | 10      | 384046 398442 |
| 439    | <b>Points of Interest - Public Infrastructure</b><br>Name: Tanzo Passenger Services Ltd<br>Location: Peter House, Oxford Street, Manchester, M1 5AN<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Bus and Coach Stations, Depots and Companies<br>Positional Accuracy: Positioned to address or location | A9NW (SE)                              | 688                          | 10      | 383925 397847 |
| 439    | <b>Points of Interest - Public Infrastructure</b><br>Name: Tanzo Passenger Services Ltd<br>Location: Peter House, Oxford Street, Manchester, M1 5AN<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Bus and Coach Stations, Depots and Companies<br>Positional Accuracy: Positioned to address or location | A9NW (SE)                              | 688                          | 10      | 383925 397847 |

| Map ID | Details                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 440    | <b>Points of Interest - Public Infrastructure</b><br>Name: Manchester Victoria Rail Station<br>Location: Victoria Station Approach, M99<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Railway Stations, Junctions and Halts<br>Positional Accuracy: Positioned to address or location | A19SW (NE)                             | 728                          | 10      | 383993<br>398987 |
| 440    | <b>Points of Interest - Public Infrastructure</b><br>Name: Manchester Victoria Station<br>Location: Victoria Station Approach, M99<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Railway Stations, Junctions and Halts<br>Positional Accuracy: Positioned to address or location      | A19SW (NE)                             | 728                          | 10      | 383993<br>398987 |
| 440    | <b>Points of Interest - Public Infrastructure</b><br>Name: Bus Station<br>Location: M99<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Bus and Coach Stations, Depots and Companies<br>Positional Accuracy: Positioned to address or location                                          | A19SW (NE)                             | 749                          | 10      | 384022<br>398988 |
| 441    | <b>Points of Interest - Public Infrastructure</b><br>Name: Bus Station<br>Location: M4<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                               | A19SE (NE)                             | 813                          | 10      | 384222<br>398824 |
| 442    | <b>Points of Interest - Public Infrastructure</b><br>Name: Bus Station<br>Location: M1<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                               | A14SE (E)                              | 819                          | 10      | 384304<br>398224 |
| 443    | <b>Points of Interest - Public Infrastructure</b><br>Name: Castle Field Junction<br>Location: M3<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Railway Stations, Junctions and Halts<br>Positional Accuracy: Positioned to an adjacent address or location                            | A8SW (S)                               | 820                          | 10      | 383257<br>397601 |
| 444    | <b>Points of Interest - Public Infrastructure</b><br>Name: Bus Station<br>Location: M1<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Bus and Coach Stations, Depots and Companies<br>Positional Accuracy: Positioned to address or location                                           | A14SE (E)                              | 836                          | 10      | 384319<br>398214 |
| 444    | <b>Points of Interest - Public Infrastructure</b><br>Name: Gmpte<br>Location: 2 Picadilly Place, Manchester, M1 3BG<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Bus and Coach Stations, Depots and Companies<br>Positional Accuracy: Positioned to address or location              | A14SE (E)                              | 922                          | 10      | 384406<br>398205 |
| 445    | <b>Points of Interest - Public Infrastructure</b><br>Name: Weir<br>Location: M3<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                                   | A7SE (SW)                              | 865                          | 10      | 382983<br>397685 |
| 445    | <b>Points of Interest - Public Infrastructure</b><br>Name: Weir<br>Location: M3<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                                   | A7SE (SW)                              | 865                          | 10      | 382986<br>397683 |
| 445    | <b>Points of Interest - Public Infrastructure</b><br>Name: Weir<br>Location: M3<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                                   | A7SE (SW)                              | 882                          | 10      | 382970<br>397674 |
| 445    | <b>Points of Interest - Public Infrastructure</b><br>Name: Weir<br>Location: M3<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                                   | A7SE (SW)                              | 885                          | 10      | 382970<br>397670 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 446    | <b>Points of Interest - Public Infrastructure</b><br>Name: Deansgate Rail Station<br>Location: Hewitt Street, M15<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Railway Stations, Junctions and Halts<br>Positional Accuracy: Positioned to address or location                                                        | A8SW (S)                               | 882                          | 10      | 383437<br>397506 |
| 446    | <b>Points of Interest - Public Infrastructure</b><br>Name: Deansgate Station<br>Location: Hewitt Street, M3<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Railway Stations, Junctions and Halts<br>Positional Accuracy: Positioned to address or location                                                              | A8SW (S)                               | 882                          | 10      | 383437<br>397506 |
| 447    | <b>Points of Interest - Public Infrastructure</b><br>Name: Weir<br>Location: M3<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                                                                    | A7SE (S)                               | 882                          | 10      | 383148<br>397575 |
| 447    | <b>Points of Interest - Public Infrastructure</b><br>Name: Weir<br>Location: M3<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                                                                    | A7SE (S)                               | 885                          | 10      | 383144<br>397574 |
| 448    | <b>Points of Interest - Public Infrastructure</b><br>Name: Aleef Salford Sstn<br>Location: 45-47 Oldfield Road, Salford, M5 4NE<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location                                                                                       | A12SW (W)                              | 909                          | 10      | 382555<br>398388 |
| 449    | <b>Points of Interest - Public Infrastructure</b><br>Name: Sluice<br>Location: M3<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                                                                  | A8SW (S)                               | 921                          | 10      | 383271<br>397493 |
| 449    | <b>Points of Interest - Public Infrastructure</b><br>Name: Sluice<br>Location: M3<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                                                                  | A8SW (S)                               | 923                          | 10      | 383267<br>397492 |
| 450    | <b>Points of Interest - Public Infrastructure</b><br>Name: Liverpool Road Junction<br>Location: M5<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Railway Stations, Junctions and Halts<br>Positional Accuracy: Positioned to an adjacent address or location                                                           | A7NW (SW)                              | 940                          | 10      | 382634<br>397986 |
| 451    | <b>Points of Interest - Public Infrastructure</b><br>Name: Coach Station<br>Location: M1<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                                                              | A9NE (SE)                              | 952                          | 10      | 384331<br>397928 |
| 451    | <b>Points of Interest - Public Infrastructure</b><br>Name: National Express Ltd<br>Location: Central Coach Station, Chorlton Street, Manchester, M1 3JF<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Bus and Coach Stations, Depots and Companies<br>Positional Accuracy: Positioned to address or location           | A9NE (SE)                              | 958                          | 10      | 384347<br>397945 |
| 451    | <b>Points of Interest - Public Infrastructure</b><br>Name: National Express Coach Station<br>Location: Central Coach Station, Chorlton Street, Manchester, M1 3JF<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Bus and Coach Stations, Depots and Companies<br>Positional Accuracy: Positioned to address or location | A9NE (SE)                              | 958                          | 10      | 384347<br>397945 |
| 451    | <b>Points of Interest - Public Infrastructure</b><br>Name: Coach Station<br>Location: M1<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                                                              | A9NE (SE)                              | 969                          | 10      | 384346<br>397919 |

| Map ID | Details                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 452    | <b>Points of Interest - Public Infrastructure</b><br>Name: Weir<br>Location: M4<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                                         | A19NW (NE)                             | 961                          | 10      | 384120<br>399186 |
| 452    | <b>Points of Interest - Public Infrastructure</b><br>Name: Weir<br>Location: M4<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                                         | A19NW (NE)                             | 964                          | 10      | 384123<br>399187 |
| 452    | <b>Points of Interest - Public Infrastructure</b><br>Name: Victoria East Junction<br>Location: M4<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Railway Stations, Junctions and Halts<br>Positional Accuracy: Positioned to an adjacent address or location | A19NE (NE)                             | 985                          | 10      | 384164<br>399179 |
| 453    | <b>Points of Interest - Recreational and Environmental</b><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)                              | 734                          | 10      | 382735<br>398344 |
| 453    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Rodney Street, M3<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to address or location                                                            | A12SW (W)                              | 735                          | 10      | 382734<br>398343 |
| 454    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: M3<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                                                                | A18NE (N)                              | 750                          | 10      | 383529<br>399201 |
| 455    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                                                     | A17SW (NW)                             | 787                          | 10      | 382786<br>398835 |
| 455    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Mayan Avenue, M3<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to address or location                                                             | A17SW (NW)                             | 788                          | 10      | 382785<br>398834 |
| 456    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                                                     | A17NE (N)                              | 910                          | 10      | 383133<br>399284 |



| Map ID | Details                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 457    | <b>Nitrate Vulnerable Zones</b><br>Name: Irwell / Man. Ship Canal (Kearsley To Irlam Locks) Nvz<br>Description: Surface Water<br>Source: Environment Agency, Head Office | A18SE (N)                              | 399                          | 6       | 383489<br>398850 |
| 458    | <b>Nitrate Vulnerable Zones</b><br>Name: River Irk (Moston Brook To River Irwell) Nvz<br>Description: Surface Water<br>Source: Environment Agency, Head Office           | A14NW (NE)                             | 514                          | 6       | 383950<br>398700 |

| Agency & Hydrological                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Version                                                                                                                      | Update Cycle                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Contaminated Land Register Entries and Notices</b><br>Environment Agency - Head Office<br>Trafford Metropolitan Borough Council - Renewal and Environmental Protection<br>Manchester City Council - Environmental Health Department<br>Oldham Metropolitan Borough Council - Environmental Health Department<br>Salford City Council - Environmental Health Department<br>Tameside Metropolitan Borough Council - Environmental Health Department<br>Rochdale Metropolitan Borough Council - Environmental Health Department<br>Bury Metropolitan Borough Council - Environmental Health Department | June 2020<br>November 2013<br>October 2017<br>October 2017<br>October 2017<br>October 2017<br>October 2017<br>September 2017 | Annually<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annually<br>Annual Rolling Update |
| <b>Discharge Consents</b><br>Environment Agency - North West Region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | July 2021                                                                                                                    | Quarterly                                                                                                                                                                  |
| <b>Enforcement and Prohibition Notices</b><br>Environment Agency - North West Region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | March 2013                                                                                                                   |                                                                                                                                                                            |
| <b>Integrated Pollution Controls</b><br>Environment Agency - North West Region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | January 2009                                                                                                                 |                                                                                                                                                                            |
| <b>Integrated Pollution Prevention And Control</b><br>Environment Agency - North West Region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | April 2021                                                                                                                   | Quarterly                                                                                                                                                                  |
| <b>Local Authority Integrated Pollution Prevention And Control</b><br>Bury Metropolitan Borough Council - Environmental Health Department<br>Rochdale Metropolitan Borough Council - Environmental Health Department<br>Tameside Metropolitan Borough Council - Environmental Health Department<br>Oldham Metropolitan Borough Council - Environmental Health Department<br>Salford City Council - Environmental Health Department<br>Trafford Metropolitan Borough Council - Environmental Health Department<br>Manchester City Council - Environmental Health Department                             | February 2015<br>July 2014<br>June 2015<br>March 2015<br>March 2015<br>October 2014<br>September 2014                        | Variable<br>Variable<br>Variable<br>Variable<br>Variable<br>Variable<br>Variable                                                                                           |
| <b>Local Authority Pollution Prevention and Controls</b><br>Bury Metropolitan Borough Council - Environmental Health Department<br>Rochdale Metropolitan Borough Council - Environmental Health Department<br>Tameside Metropolitan Borough Council - Environmental Health Department<br>Oldham Metropolitan Borough Council - Environmental Health Department<br>Salford City Council - Environmental Health Department<br>Trafford Metropolitan Borough Council - Environmental Health Department<br>Manchester City Council - Environmental Health Department                                       | February 2015<br>July 2014<br>June 2015<br>March 2015<br>March 2015<br>October 2014<br>September 2014                        | Not Applicable<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update       |
| <b>Local Authority Pollution Prevention and Control Enforcements</b><br>Bury Metropolitan Borough Council - Environmental Health Department<br>Rochdale Metropolitan Borough Council - Environmental Health Department<br>Tameside Metropolitan Borough Council - Environmental Health Department<br>Oldham Metropolitan Borough Council - Environmental Health Department<br>Salford City Council - Environmental Health Department<br>Trafford Metropolitan Borough Council - Environmental Health Department<br>Manchester City Council - Environmental Health Department                           | February 2015<br>July 2014<br>June 2015<br>March 2015<br>March 2015<br>October 2014<br>September 2014                        | Variable<br>Variable<br>Variable<br>Variable<br>Variable<br>Variable<br>Variable                                                                                           |
| <b>Nearest Surface Water Feature</b><br>Ordnance Survey                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | June 2021                                                                                                                    |                                                                                                                                                                            |
| <b>Pollution Incidents to Controlled Waters</b><br>Environment Agency - North West Region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | January 2000                                                                                                                 |                                                                                                                                                                            |
| <b>Prosecutions Relating to Authorised Processes</b><br>Environment Agency - North West Region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | July 2015                                                                                                                    |                                                                                                                                                                            |
| <b>Prosecutions Relating to Controlled Waters</b><br>Environment Agency - North West Region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | March 2013                                                                                                                   |                                                                                                                                                                            |
| <b>Registered Radioactive Substances</b><br>Scottish Environment Protection Agency - Head Office<br>Environment Agency - North West Region                                                                                                                                                                                                                                                                                                                                                                                                                                                             | January 1998<br>June 2016                                                                                                    | Annually<br>Annually                                                                                                                                                       |
| <b>River Quality</b><br>Environment Agency - Head Office                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | November 2001                                                                                                                | Not Applicable                                                                                                                                                             |

| Agency & Hydrological                                                                                                 | Version       | Update Cycle |
|-----------------------------------------------------------------------------------------------------------------------|---------------|--------------|
| <b>River Quality Biology Sampling Points</b><br>Environment Agency - Head Office                                      | April 2012    | Annually     |
| <b>River Quality Chemistry Sampling Points</b><br>Environment Agency - Head Office                                    | April 2012    | Annually     |
| <b>Substantiated Pollution Incident Register</b><br>Environment Agency - North West Region - South Area               | July 2021     | Quarterly    |
| <b>Water Abstractions</b><br>Environment Agency - North West Region                                                   | July 2021     | Quarterly    |
| <b>Water Industry Act Referrals</b><br>Environment Agency - North West Region                                         | October 2017  | Quarterly    |
| <b>Groundwater Vulnerability Map</b><br>Environment Agency - Head Office                                              | June 2018     | As notified  |
| <b>Groundwater Vulnerability - Soluble Rock Risk</b><br>Environment Agency - Head Office                              | June 2018     | As notified  |
| <b>Bedrock Aquifer Designations</b><br>Environment Agency - Head Office                                               | January 2018  | Annually     |
| <b>Superficial Aquifer Designations</b><br>Environment Agency - Head Office                                           | January 2018  | Annually     |
| <b>Source Protection Zones</b><br>Environment Agency - Head Office                                                    | May 2021      | Bi-Annually  |
| <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                       | March 2021    | Quarterly    |
| <b>Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                               | March 2021    | Quarterly    |
| <b>Areas Benefiting from Flood Defences</b><br>Environment Agency - Head Office                                       | March 2021    | Quarterly    |
| <b>Flood Water Storage Areas</b><br>Environment Agency - Head Office                                                  | March 2021    | Quarterly    |
| <b>Flood Defences</b><br>Environment Agency - Head Office                                                             | March 2021    | Quarterly    |
| <b>OS Water Network Lines</b><br>Ordnance Survey                                                                      | July 2021     | Quarterly    |
| <b>Surface Water 1 in 30 year Flood Extent</b><br>Environment Agency - Head Office                                    | May 2018      | Annually     |
| <b>Surface Water 1 in 100 year Flood Extent</b><br>Environment Agency - Head Office                                   | May 2018      | Annually     |
| <b>Surface Water 1 in 1000 year Flood Extent</b><br>Environment Agency - Head Office                                  | May 2018      | Annually     |
| <b>Surface Water Suitability</b><br>Environment Agency - Head Office                                                  | February 2016 | Annually     |
| <b>BGS Groundwater Flooding Susceptibility</b><br>British Geological Survey - National Geoscience Information Service | May 2013      | Annually     |

| Waste                                                                                                                                                                                                                                                                                                                                                                                                                                | Version                                                                                                             | Update Cycle                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>BGS Recorded Landfill Sites</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                                                                            | November 2002                                                                                                       | Not Applicable                                                                                                             |
| <b>Historical Landfill Sites</b><br>Environment Agency - Head Office                                                                                                                                                                                                                                                                                                                                                                 | May 2021                                                                                                            | Quarterly                                                                                                                  |
| <b>Integrated Pollution Control Registered Waste Sites</b><br>Environment Agency - North West Region                                                                                                                                                                                                                                                                                                                                 | January 2009                                                                                                        | Not Applicable                                                                                                             |
| <b>Licensed Waste Management Facilities (Landfill Boundaries)</b><br>Environment Agency - North West Region - South Area                                                                                                                                                                                                                                                                                                             | July 2021                                                                                                           | Quarterly                                                                                                                  |
| <b>Licensed Waste Management Facilities (Locations)</b><br>Environment Agency - North West Region - South Area                                                                                                                                                                                                                                                                                                                       | July 2021                                                                                                           | Quarterly                                                                                                                  |
| <b>Local Authority Landfill Coverage</b><br>Bury Metropolitan Borough Council<br>Manchester City Council - Planning Department<br>Oldham Metropolitan Borough Council<br>Rochdale Metropolitan Borough Council - Environmental Health Department<br>Salford City Council - Environmental Health Department<br>Tameside Metropolitan Borough Council<br>Trafford Metropolitan Borough Council - Environmental Health Department       | February 2003<br>February 2003<br>February 2003<br>February 2003<br>February 2003<br>February 2003<br>February 2003 | Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Local Authority Recorded Landfill Sites</b><br>Bury Metropolitan Borough Council<br>Manchester City Council - Planning Department<br>Oldham Metropolitan Borough Council<br>Rochdale Metropolitan Borough Council - Environmental Health Department<br>Salford City Council - Environmental Health Department<br>Tameside Metropolitan Borough Council<br>Trafford Metropolitan Borough Council - Environmental Health Department | October 2018<br>October 2018<br>October 2018<br>October 2018<br>October 2018<br>October 2018<br>October 2018        |                                                                                                                            |
| <b>Potentially Infilled Land (Non-Water)</b><br>Landmark Information Group Limited                                                                                                                                                                                                                                                                                                                                                   | December 1999                                                                                                       | Not Applicable                                                                                                             |
| <b>Potentially Infilled Land (Water)</b><br>Landmark Information Group Limited                                                                                                                                                                                                                                                                                                                                                       | December 1999                                                                                                       |                                                                                                                            |
| <b>Registered Landfill Sites</b><br>Environment Agency - North West Region - South Area                                                                                                                                                                                                                                                                                                                                              | March 2006                                                                                                          | Not Applicable                                                                                                             |
| <b>Registered Waste Transfer Sites</b><br>Environment Agency - North West Region - South Area                                                                                                                                                                                                                                                                                                                                        | April 2018                                                                                                          |                                                                                                                            |
| <b>Registered Waste Treatment or Disposal Sites</b><br>Environment Agency - North West Region - South Area                                                                                                                                                                                                                                                                                                                           | June 2015                                                                                                           |                                                                                                                            |

| Hazardous Substances                                                                                                                                                                                                                                                                                                                                             | Version                                                                                                      | Update Cycle                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Health and Safety Executive                                                                                                                                                                                                                                                                            | April 2018                                                                                                   | Bi-Annually                                                                      |
| <b>Explosive Sites</b><br>Health and Safety Executive                                                                                                                                                                                                                                                                                                            | March 2017                                                                                                   | Annually                                                                         |
| <b>Notification of Installations Handling Hazardous Substances (NIHHS)</b><br>Health and Safety Executive                                                                                                                                                                                                                                                        | August 2001                                                                                                  |                                                                                  |
| <b>Planning Hazardous Substance Enforcements</b><br>Trafford Metropolitan Borough Council<br>Bury Metropolitan Borough Council<br>Manchester City Council - Planning Department<br>Oldham Metropolitan Borough Council<br>Rochdale Metropolitan Borough Council<br>Tameside Metropolitan Borough Council - Planning and Building Control<br>Salford City Council | April 2016<br>February 2016<br>February 2016<br>February 2016<br>February 2016<br>February 2016<br>June 2016 | Variable<br>Variable<br>Variable<br>Variable<br>Variable<br>Variable<br>Variable |
| <b>Planning Hazardous Substance Consents</b><br>Trafford Metropolitan Borough Council<br>Bury Metropolitan Borough Council<br>Manchester City Council - Planning Department<br>Oldham Metropolitan Borough Council<br>Rochdale Metropolitan Borough Council<br>Tameside Metropolitan Borough Council - Planning and Building Control<br>Salford City Council     | April 2016<br>February 2016<br>February 2016<br>February 2016<br>February 2016<br>February 2016<br>June 2016 | Variable<br>Variable<br>Variable<br>Variable<br>Variable<br>Variable<br>Variable |

| Geological                                                                                                                                      | Version       | Update Cycle          |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------|
| <b>BGS 1:625,000 Solid Geology</b><br>British Geological Survey - National Geoscience Information Service                                       | January 2009  | Not Applicable        |
| <b>BGS Estimated Soil Chemistry</b><br>British Geological Survey - National Geoscience Information Service                                      | December 2015 | Annually              |
| <b>BGS Recorded Mineral Sites</b><br>British Geological Survey - National Geoscience Information Service                                        | May 2021      | Bi-Annually           |
| <b>BGS Urban Soil Chemistry</b><br>British Geological Survey - National Geoscience Information Service                                          | December 2015 | Annually              |
| <b>BGS Urban Soil Chemistry Averages</b><br>British Geological Survey - National Geoscience Information Service                                 | December 2015 | Annually              |
| <b>CBSCB Compensation District</b><br>Cheshire Brine Subsidence Compensation Board (CBSCB)                                                      | August 2011   | As notified           |
| <b>Coal Mining Affected Areas</b><br>The Coal Authority - Property Searches                                                                     | March 2014    | Annual Rolling Update |
| <b>Mining Instability</b><br>Ove Arup & Partners                                                                                                | June 1998     | Not Applicable        |
| <b>Non Coal Mining Areas of Great Britain</b><br>British Geological Survey - National Geoscience Information Service                            | May 2015      | Not Applicable        |
| <b>Potential for Collapsible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                | April 2020    | Annually              |
| <b>Potential for Compressible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service               | January 2019  | Annually              |
| <b>Potential for Ground Dissolution Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                | January 2019  | Annually              |
| <b>Potential for Landslide Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                  | January 2019  | Annually              |
| <b>Potential for Running Sand Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service               | January 2019  | Annually              |
| <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service | January 2019  | Annually              |
| <b>Radon Potential - Radon Affected Areas</b><br>British Geological Survey - National Geoscience Information Service                            | July 2011     | Annually              |
| <b>Radon Potential - Radon Protection Measures</b><br>British Geological Survey - National Geoscience Information Service                       | July 2011     | Annually              |



| Industrial Land Use                                                  | Version   | Update Cycle |
|----------------------------------------------------------------------|-----------|--------------|
| <b>Contemporary Trade Directory Entries</b><br>Thomson Directories   | July 2021 | Quarterly    |
| <b>Fuel Station Entries</b><br>Catalist Ltd - Experian               | June 2021 | Quarterly    |
| <b>Gas Pipelines</b><br>National Grid                                | May 2021  | Annually     |
| <b>Points of Interest - Commercial Services</b><br>PointX            | June 2021 | Quarterly    |
| <b>Points of Interest - Education and Health</b><br>PointX           | June 2021 | Quarterly    |
| <b>Points of Interest - Manufacturing and Production</b><br>PointX   | June 2021 | Quarterly    |
| <b>Points of Interest - Public Infrastructure</b><br>PointX          | June 2021 | Quarterly    |
| <b>Points of Interest - Recreational and Environmental</b><br>PointX | June 2021 | Quarterly    |
| <b>Underground Electrical Cables</b><br>National Grid                | May 2021  | Annually     |

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

A selection of organisations who provide data within this report

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

| Contact | Name and Address                                                                                                                                               | Contact Details                                                                                                                 |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1       | <b>British Geological Survey - Enquiry Service</b><br>British Geological Survey, Environmental Science 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       | <b>Environment Agency - National Customer Contact Centre (NCCC)</b><br>PO Box 544, Templeborough, Rotherham, S60 1BY                                           | Telephone: 03708 506 506<br>Email: enquiries@environment-agency.gov.uk                                                          |
| 3       | <b>Manchester City Council - Environmental Health Department</b><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       | <b>Salford City Council - Environmental Health Department</b><br>Crompton House, 100 Chorley Road, Swinton, Manchester, Greater Manchester, M27 2ES            | Telephone: 0161 7370551<br>Fax: 0161 728 1956<br>Website: www.salford.gov.uk                                                    |
| 5       | <b>Scottish Environment Protection Agency - Head Office</b><br>Erskine Court, The Castle Business Park, Stirling, Stirlingshire, FK9 4TR                       | Telephone: 01786 457700<br>Fax: 01786 446885                                                                                    |
| 6       | <b>Environment Agency - Head Office</b><br>Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD                                        | Telephone: 01454 624400<br>Fax: 01454 624409                                                                                    |
| 7       | <b>Ordnance Survey</b><br>Adanac Drive, Southampton, Hampshire, SO16 0AS                                                                                       | Telephone: 03456 05 05 05<br>Email: customerservices@ordnancesurvey.co.uk<br>Website: www.ordnancesurvey.gov.uk                 |
| 8       | <b>Manchester City Council - Planning Department</b><br>Town Hall, Manchester, Greater Manchester, M60 2LA                                                     | Telephone: 0161 234 5000<br>Fax: 0161 234 4508<br>Website: www.manchester.gov.uk                                                |
| 9       | <b>The Coal Authority - Property Searches</b><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       |
| 10      | <b>PointX</b><br>7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY                                                                                      | Website: www.pointx.co.uk                                                                                                       |
| -       | <b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b><br>Chilton, Didcot, Oxfordshire, OX11 0RQ                | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@phe.gov.uk<br>Website: www.ukradon.org                             |
| -       | <b>Landmark Information Group Limited</b><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.

## Geology 1:50,000 Maps Legends

### Artificial Ground and Landslip

| Map Colour                                                                        | Lex Code | Rock Name                 | Rock Type          | Min and Max Age         |
|-----------------------------------------------------------------------------------|----------|---------------------------|--------------------|-------------------------|
|  | MGR      | Made Ground (Undivided)   | Artificial Deposit | Not Supplied - Holocene |
|  | WMGR     | Infilled Ground           | Artificial Deposit | Not Supplied - Holocene |
|  | WGR      | Worked Ground (Undivided) | Void               | Not Supplied - Holocene |

| Map Colour                                                                        | Lex Code | Rock Name         | Rock Type              | Min and Max Age            |
|-----------------------------------------------------------------------------------|----------|-------------------|------------------------|----------------------------|
|  | ETM      | Etruria Formation | Sandstone and Mudstone | Not Supplied - Westphalian |
|  |          | Faults            |                        |                            |
|  |          | Rock Segments     |                        |                            |

### Superficial Geology

| Map Colour                                                                        | Lex Code | Rock Name                               | Rock Type                   | Min and Max Age           |
|-----------------------------------------------------------------------------------|----------|-----------------------------------------|-----------------------------|---------------------------|
|  | ALV      | Alluvium                                | Clay, Silt, Sand and Gravel | Not Supplied - Holocene   |
|  | GFSD     | Glaciofluvial Sheet Deposits, Devensian | Sand and Gravel             | Not Supplied - Devensian  |
|  | TILLD    | Till, Devensian                         | Diamicton                   | Not Supplied - Devensian  |
|  | GFDUD    | Glaciofluvial Deposits, Devensian       | Sand and Gravel             | Not Supplied - Devensian  |
|  | RTD1     | River Terrace Deposits, 1               | Sand and Gravel             | Not Supplied - Quaternary |
|  | RTD2     | River Terrace Deposits, 2               | Sand and Gravel             | Not Supplied - Quaternary |

### Bedrock and Faults

| Map Colour                                                                          | Lex Code | Rock Name                              | Rock Type                         | Min and Max Age               |
|-------------------------------------------------------------------------------------|----------|----------------------------------------|-----------------------------------|-------------------------------|
|  | CHES     | Chester Formation                      | Sandstone                         | Not Supplied - Olenekian      |
|  | WLSF     | Wilmslow Sandstone Formation           | Sandstone                         | Not Supplied - Early Triassic |
|  | MM       | Manchester Marls Formation             | Mudstone                          | Not Supplied - GUADALUPIAN    |
|  | CS       | Collyhurst Sandstone Formation         | Sandstone                         | Not Supplied - Cisuralian     |
|  | HA       | Halesowen Formation                    | Mudstone, Siltstone and Sandstone | Not Supplied - Westphalian    |
|  | PUCM     | Pennine Upper Coal Measures Formation  | Mudstone, Siltstone and Sandstone | Not Supplied - Westphalian    |
|  | WDR      | Worsley Delf Rock                      | Sandstone                         | Not Supplied - Westphalian    |
|  | PMCM     | Pennine Middle Coal Measures Formation | Mudstone, Siltstone and Sandstone | Not Supplied - Westphalian    |



### Geology 1:50,000 Maps

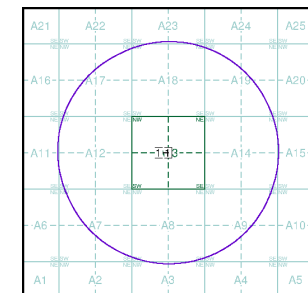
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

### Geology 1:50,000 Maps Coverage

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

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



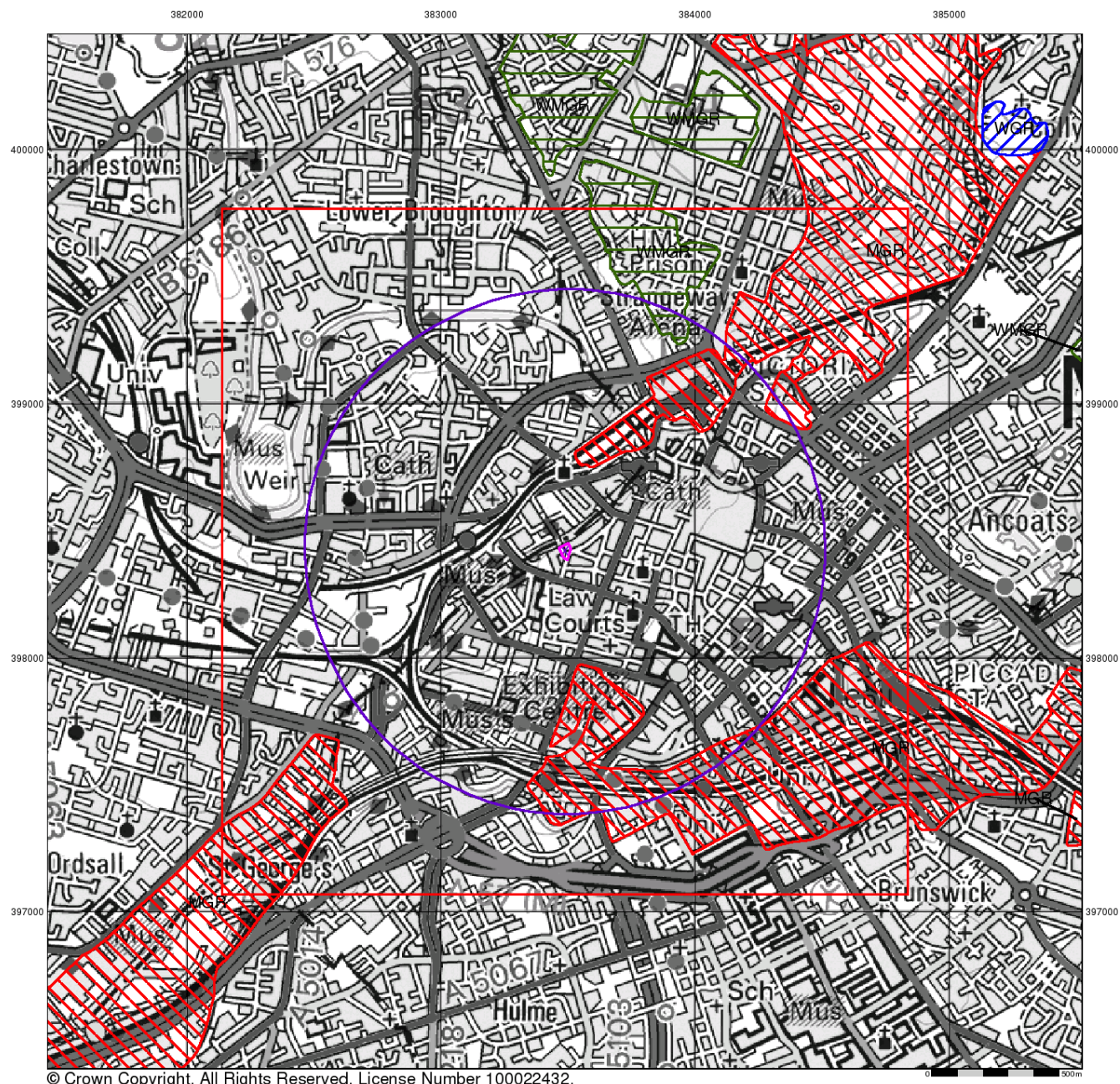
### Order Details:

|                          |                |
|--------------------------|----------------|
| Order Number:            | 283717644_1_1  |
| Customer Reference:      | 077764         |
| National Grid Reference: | 383490, 398420 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.19           |
| Search Buffer (m):       | 1000           |

### Site Details:

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## Artificial Ground and Landslip

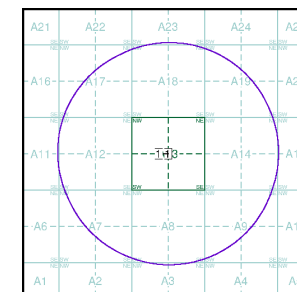
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

## Artificial Ground and Landslip Map - Slice A



## Order Details:

Order Number: 283717644\_1\_1  
 Customer Reference: 077764  
 National Grid Reference: 383490, 398420  
 Slice: A  
 Site Area (Ha): 0.19  
 Search Buffer (m): 1000

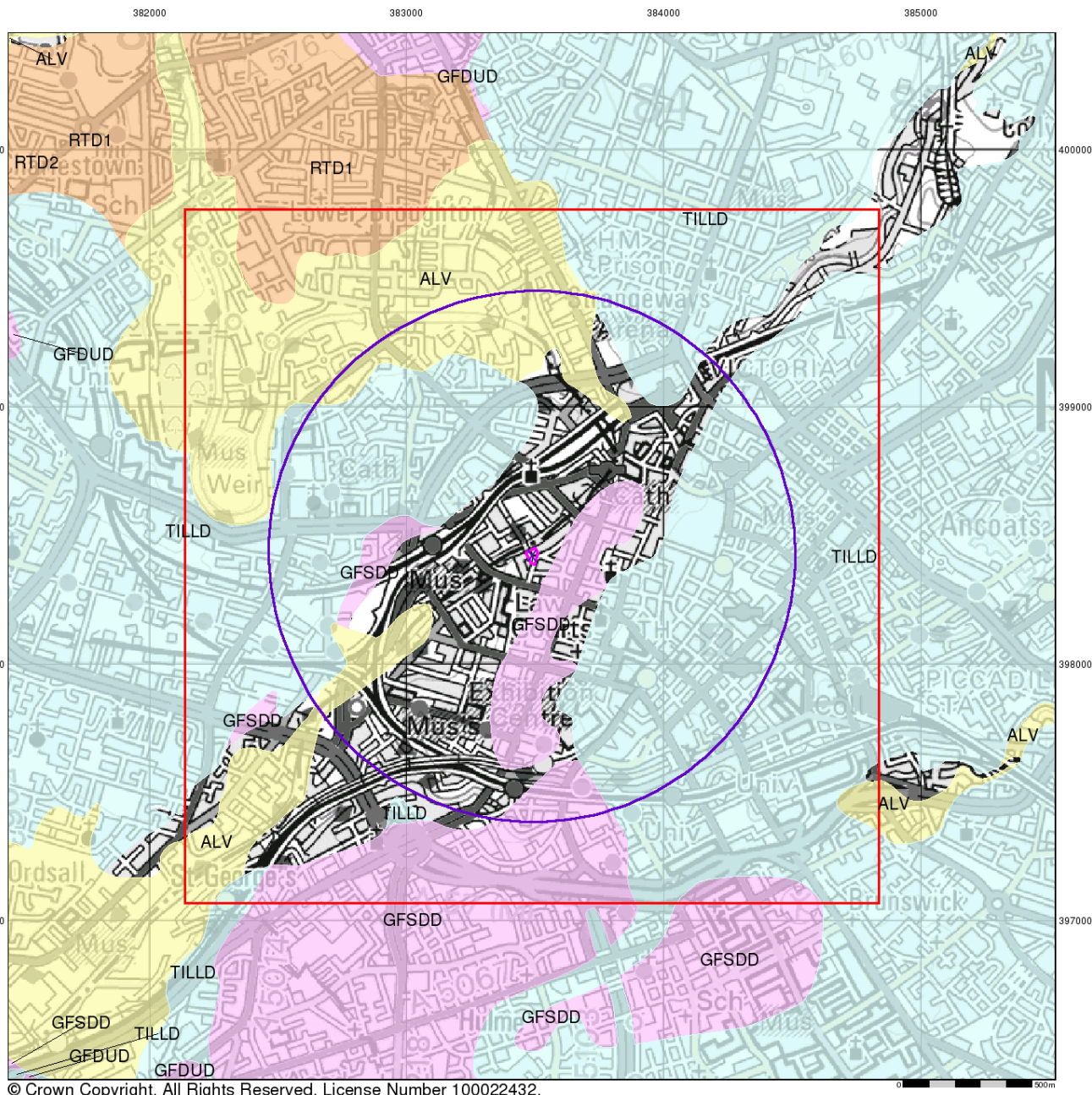
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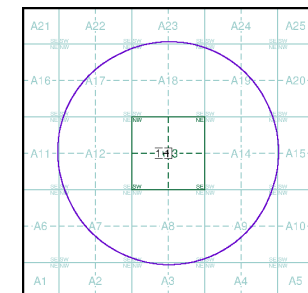
## Superficial Geology

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

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

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

## Superficial Geology Map - Slice A



## Order Details:

Order Number: 283717644\_1\_1  
 Customer Reference: 077764  
 National Grid Reference: 383490, 398420  
 Slice: A  
 Site Area (Ha): 0.19  
 Search Buffer (m): 1000

## Site Details:

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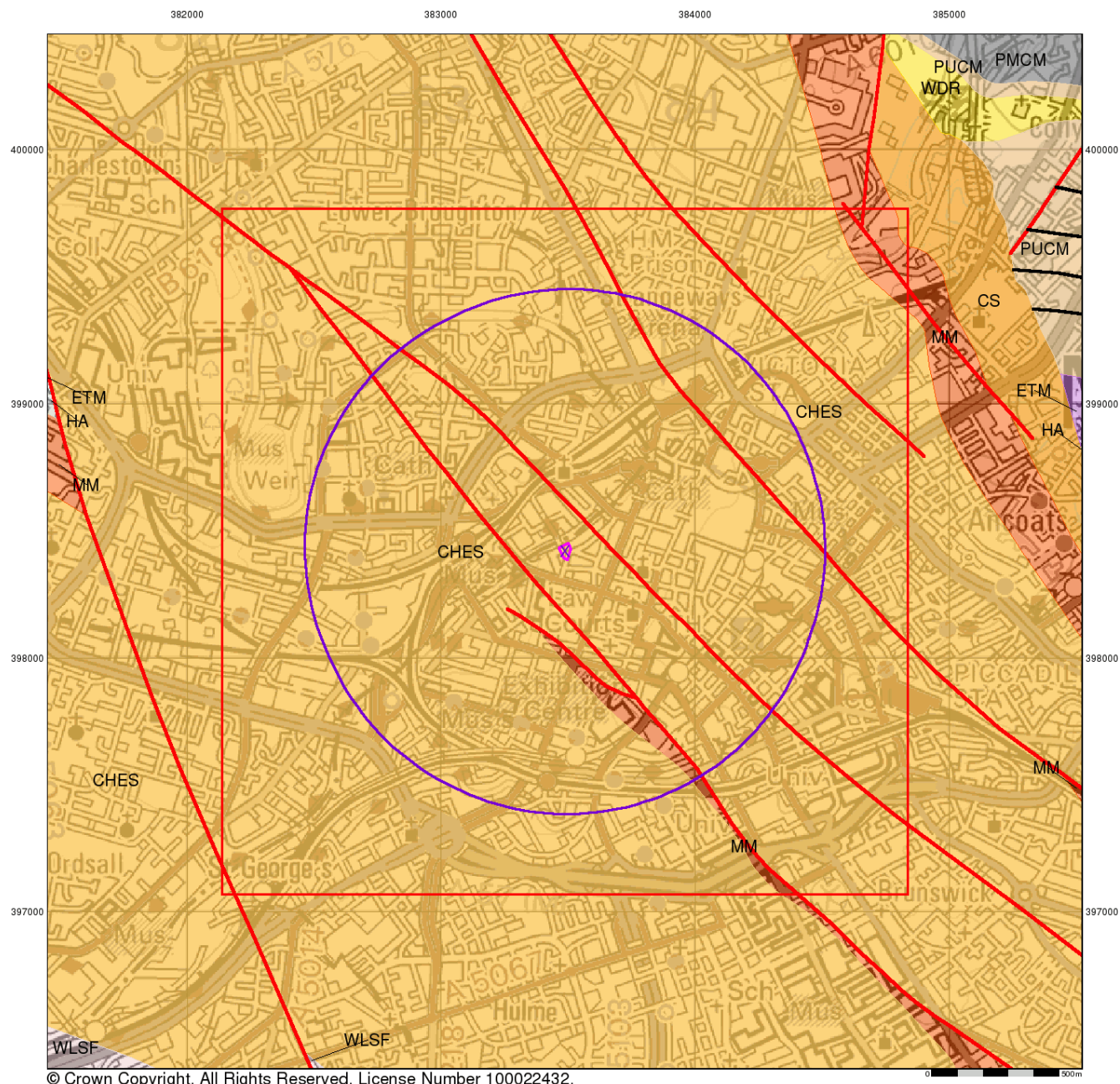
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## Bedrock and Faults

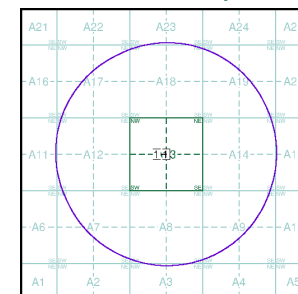
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

## Bedrock and Faults Map - Slice A



## Order Details:

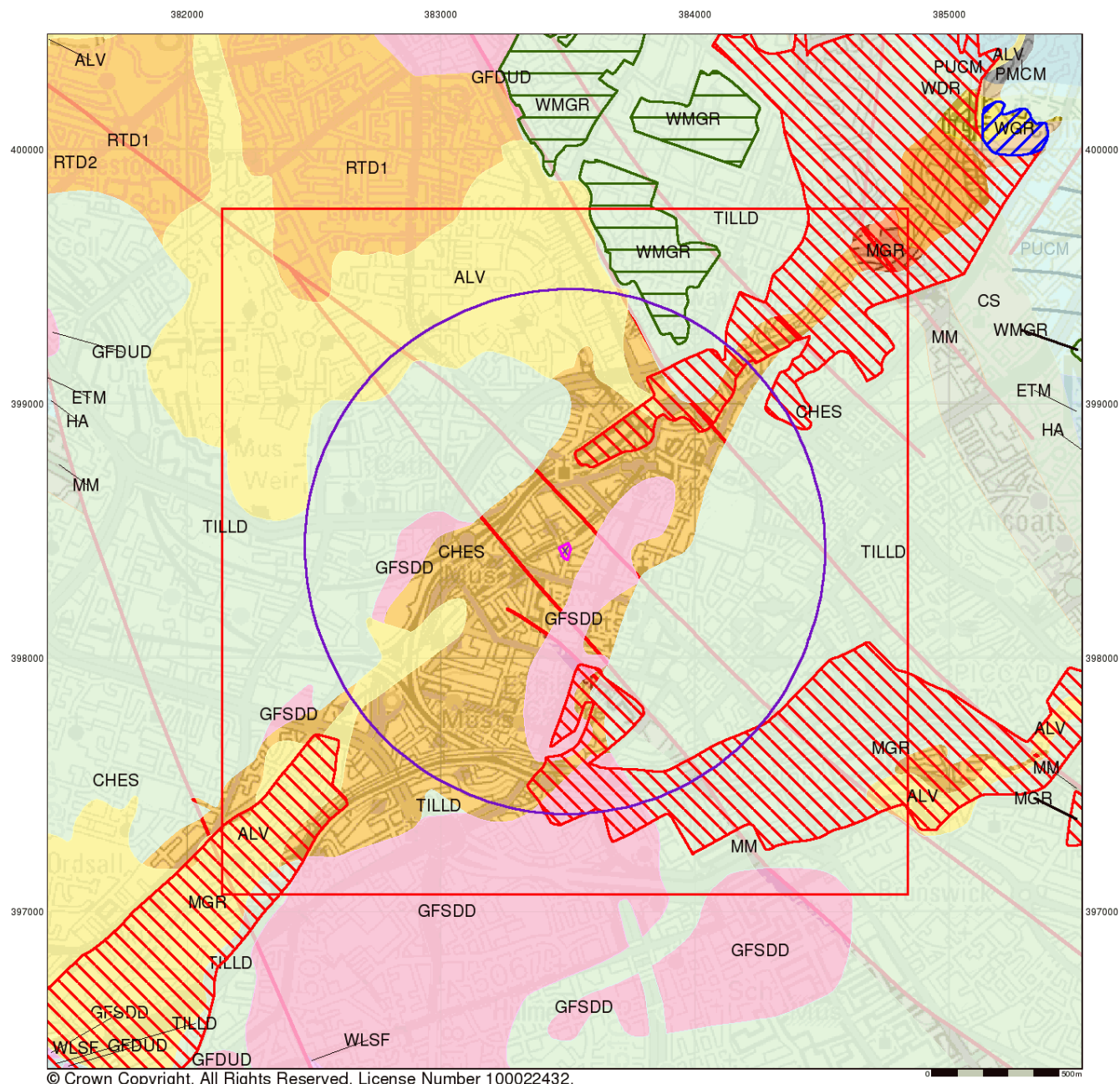
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 Customer Reference: 077764  
 National Grid Reference: 383490, 398420  
 Slice: A  
 Site Area (Ha): 0.19  
 Search Buffer (m): 1000

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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.

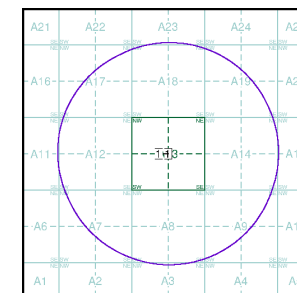
### Additional Information

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](mailto:enquiries@bgs.ac.uk)  
website: [www.bgs.ac.uk](http://www.bgs.ac.uk)

### Combined Geology Map - Slice A



### Order Details:

Order Number: 283717644\_1\_1  
Customer Reference: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

### Site Details:

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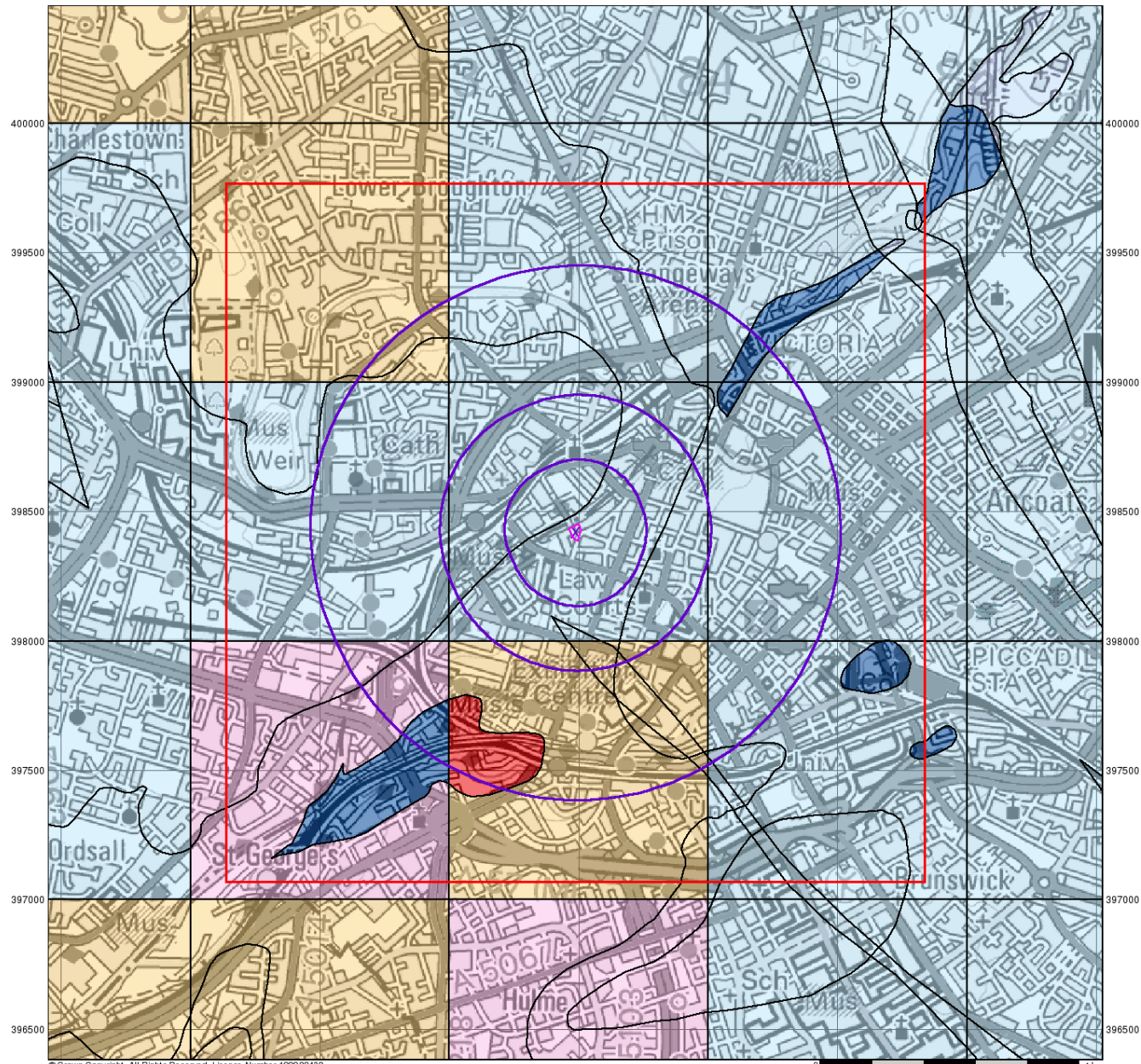
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381500 382000 382500 383000 383500 384000 384500 385000 385500



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0 1 km



## Groundwater Vulnerability

### General

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

### Agency and Hydrological

#### Bedrock Aquifers

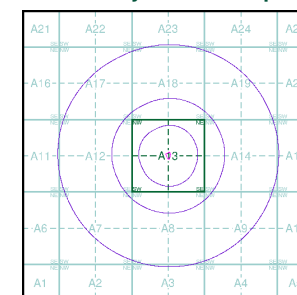
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

#### Superficial Aquifers

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

- Unproductive Aquifer
- Soluble Rock

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
 Customer Ref: 077764  
 National Grid Reference: 383490, 398420  
 Slice: A  
 Site Area (Ha): 0.19  
 Search Buffer (m): 1000

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## Bedrock Aquifer Designation

### General

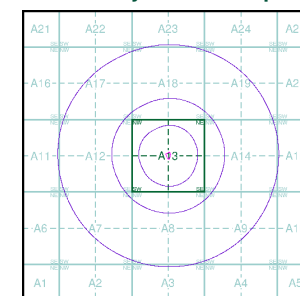
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
 Customer Ref: 077764  
 National Grid Reference: 383490, 398420  
 Slice: A  
 Site Area (Ha): 0.19  
 Search Buffer (m): 1000

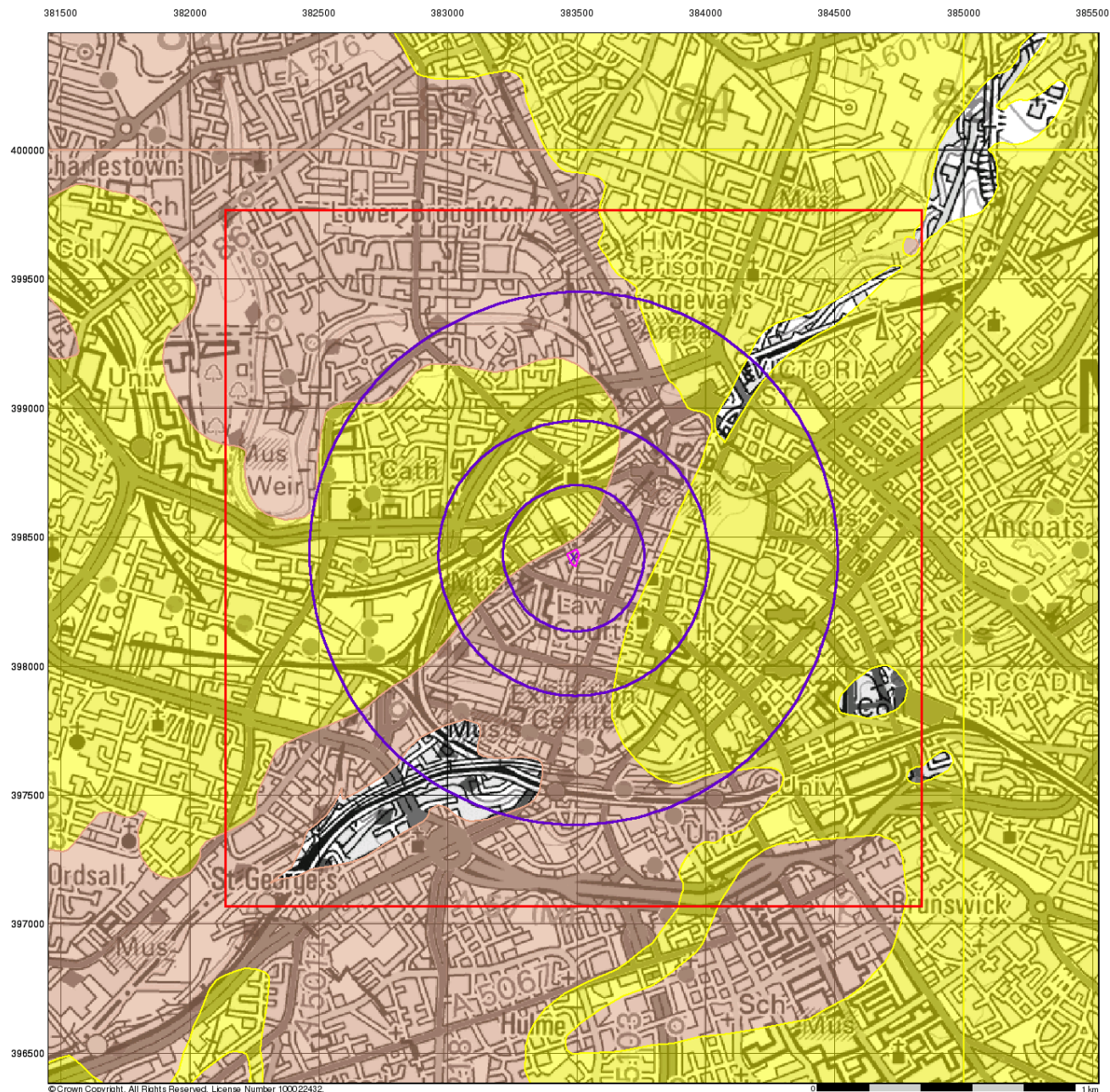
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## Superficial Aquifer Designation

### General

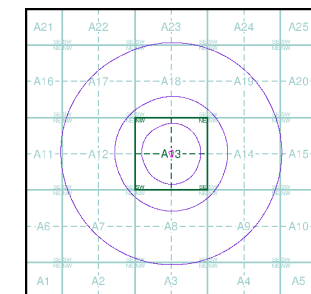
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
 Customer Ref: 077764  
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 Slice: A  
 Site Area (Ha): 0.19  
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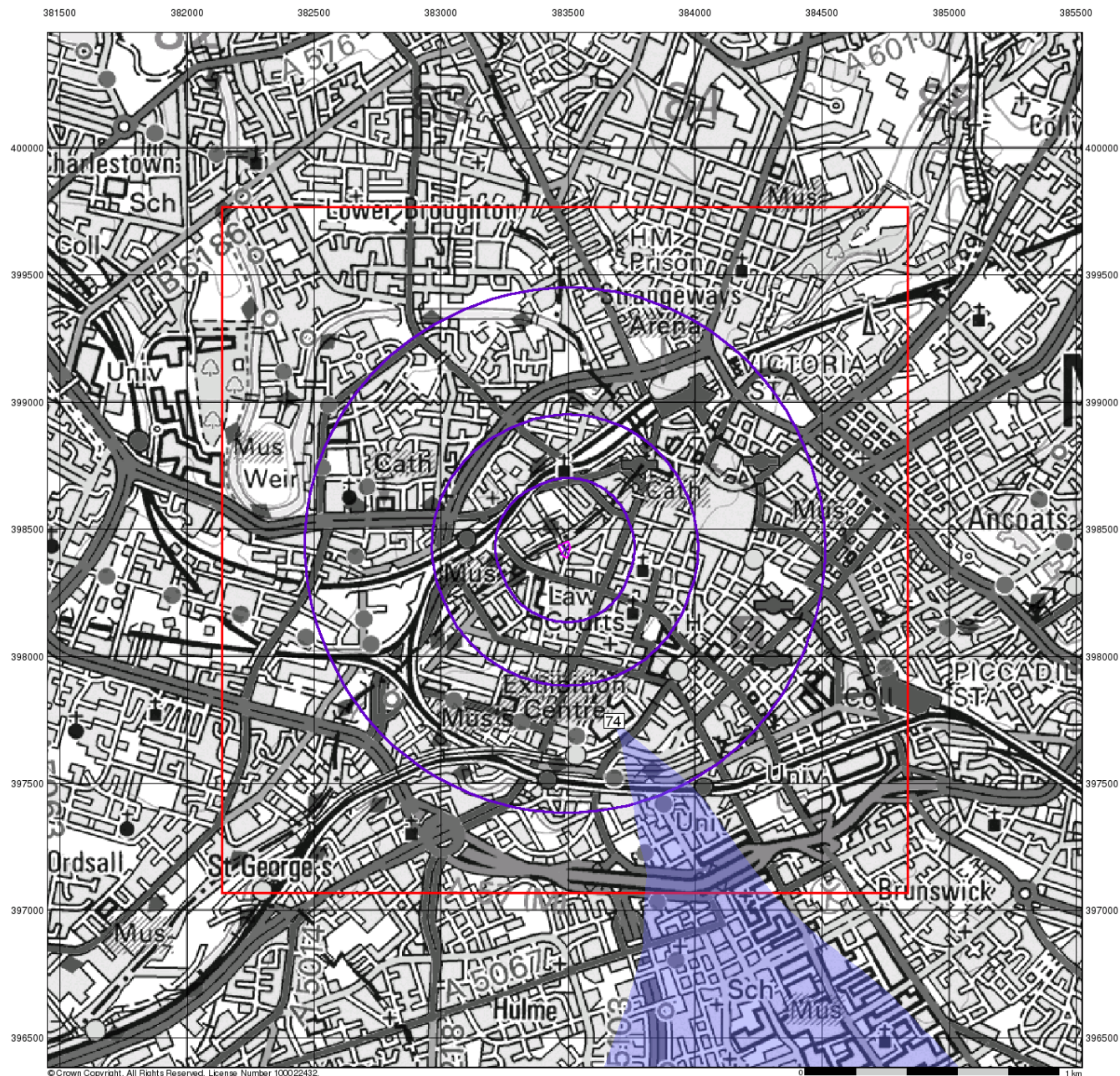
### Site Details

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## Source Protection Zones

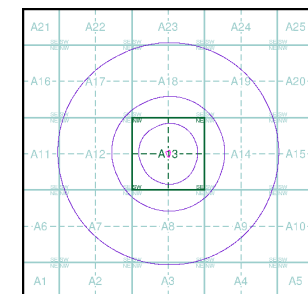
### General

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

### Agency and Hydrological

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
 Customer Ref: 077764  
 National Grid Reference: 383490, 398420  
 Slice: A  
 Site Area (Ha): 0.19  
 Search Buffer (m): 1000

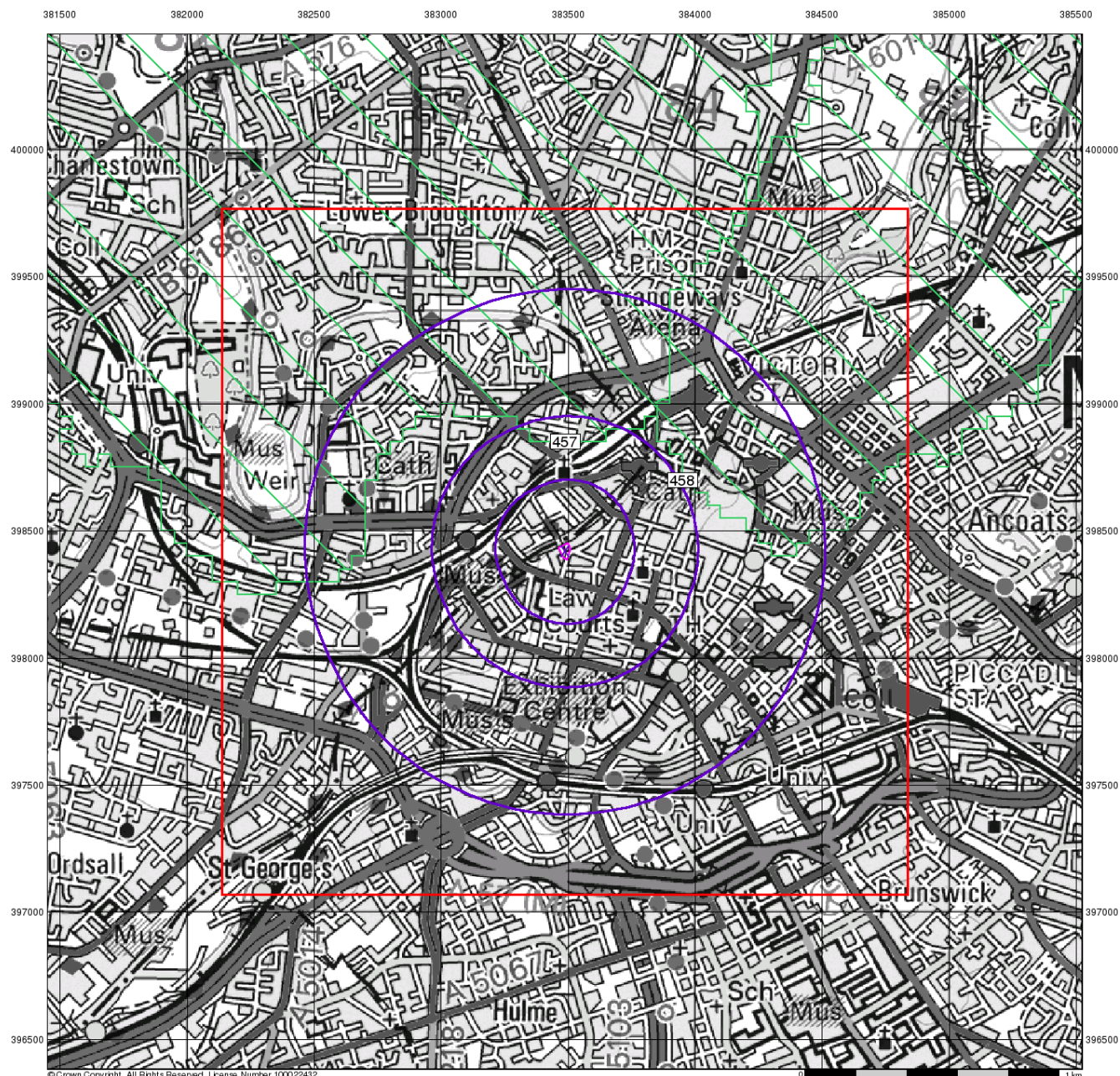
### Site Details

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## Sensitive Land Uses

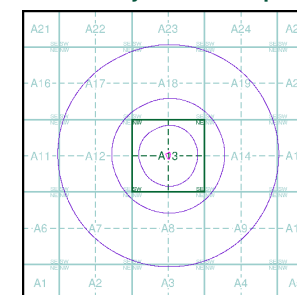
### General

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

### Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
 Customer Ref: 077764  
 National Grid Reference: 383490, 398420  
 Slice: A  
 Site Area (Ha): 0.19  
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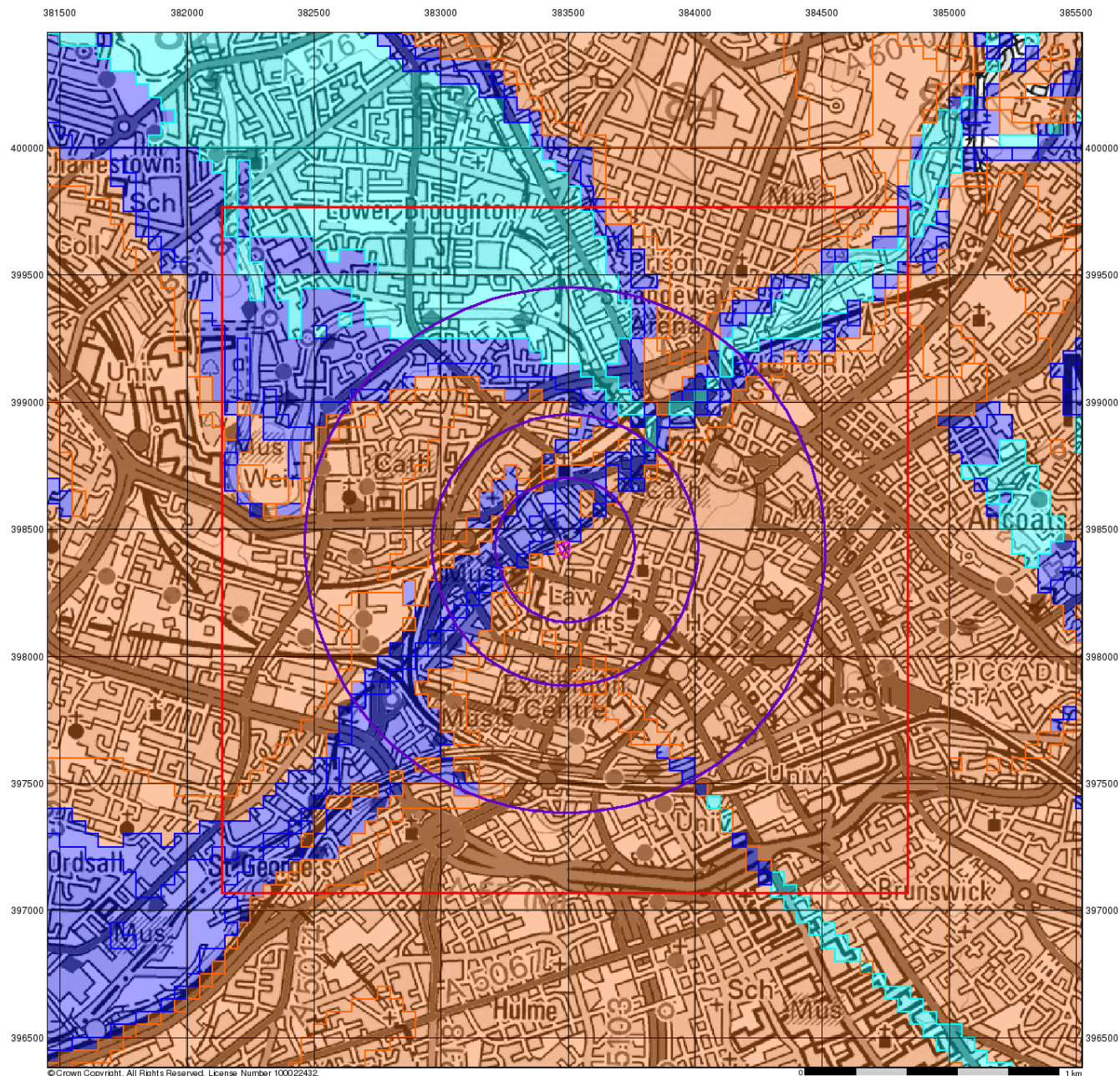
### Site Details

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## BGS Flood GFS Data

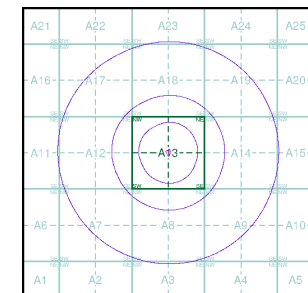
### General

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

### Agency and Hydrological (Flood)

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
 Customer Ref: 077764  
 National Grid Reference: 383490, 398420  
 Slice: A  
 Site Area (Ha): 0.19  
 Search Buffer (m): 1000

### Site Details

Alberton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ

**Landmark**  
 INFORMATION GROUP

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## General

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

## Agency and Hydrological

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

## Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement
- BGS Recorded Mineral Site

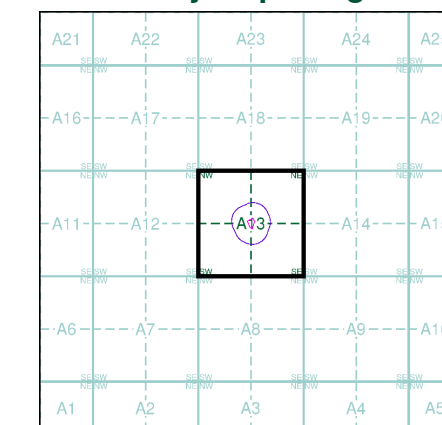
## Geological

- BGS Recorded Mineral Site

## Waste

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

## Site Sensitivity Map - Segment A13



## Order Details

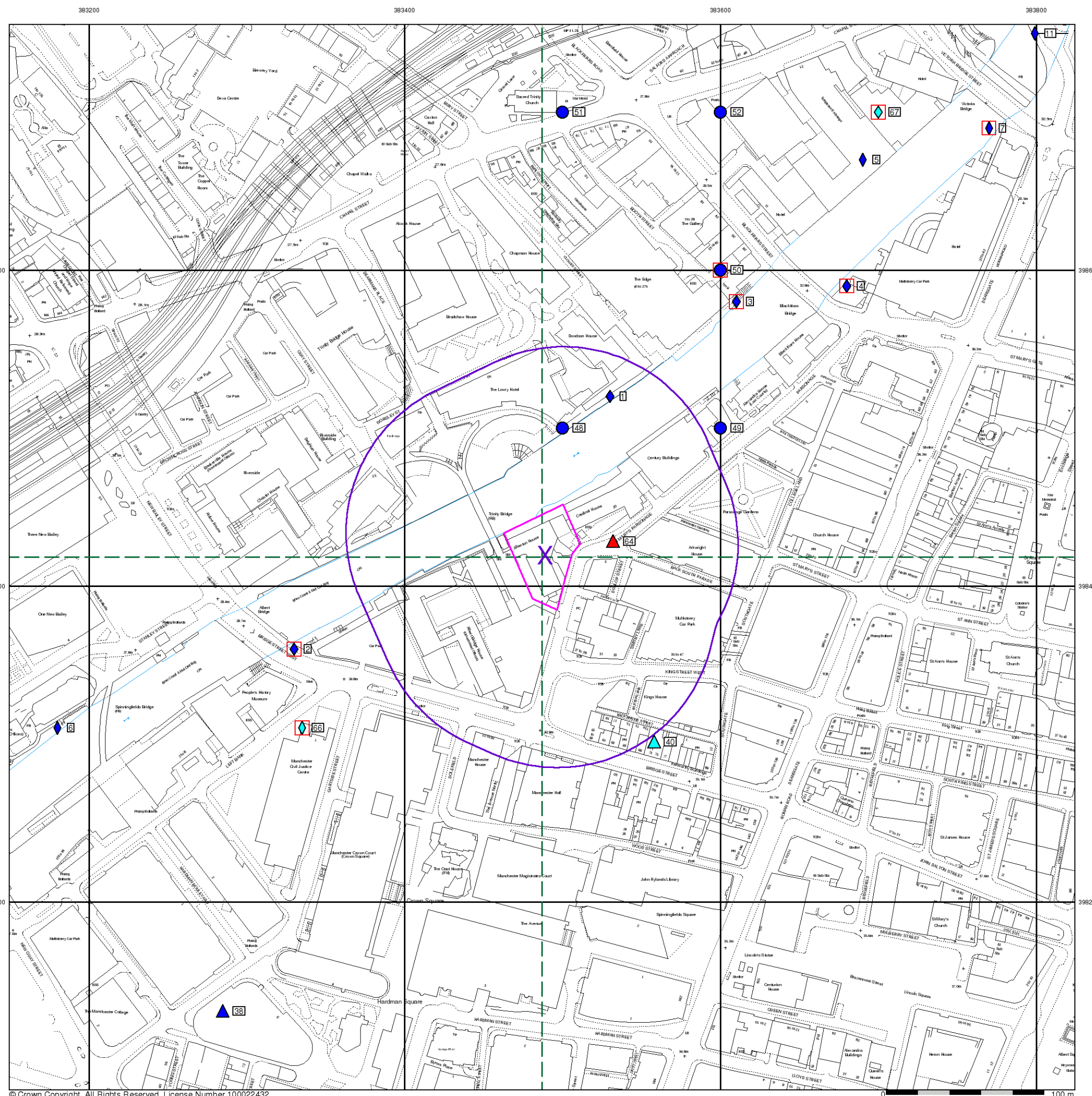
Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Plot Buffer (m): 100

## Site Details

Alberton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ

**Landmark**  
INFORMATION GROUP

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

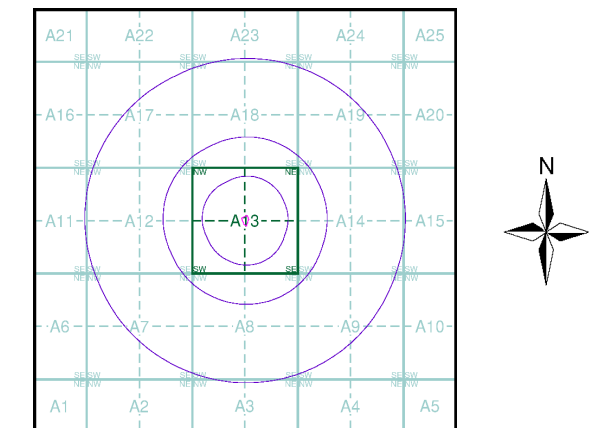






- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - Discharge Consent
  - Enforcement or Prohibition Notice
  - Integrated Pollution Control
  - Integrated Pollution Prevention and Control
  - Local Authority Integrated Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control Enforcement
  - Pollution Incident to Controlled Waters
  - Prosecution Relating to Authorised Processes
  - Prosecution Relating to Controlled Waters
  - Registered Radioactive Substance
  - River Network or Water Feature
  - River Quality Sampling Point
  - Substantiated Pollution Incident Register
  - Water Abstraction
  - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
  - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
  - BGS Recorded Landfill Site
  - EA Historic Landfill (Buffered Point)
  - EA Historic Landfill (Polygon)
  - Integrated Pollution Control Registered Waste Site
  - Licensed Waste Management Facility (Landfill Boundary)
  - Licensed Waste Management Facility (Location)
  - Local Authority Recorded Landfill Site (Location)
  - Local Authority Recorded Landfill Site
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Registered Landfill Site (Location)
  - Registered Landfill Site (Point Buffered to 100m)
  - Registered Landfill Site (Point Buffered to 250m)
  - Registered Waste Transfer Site (Location)
  - Registered Waste Transfer Site
  - Registered Waste Treatment or Disposal Site (Location)
  - Registered Waste Treatment or Disposal Site

## Site Sensitivity Map - Slice A



## Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

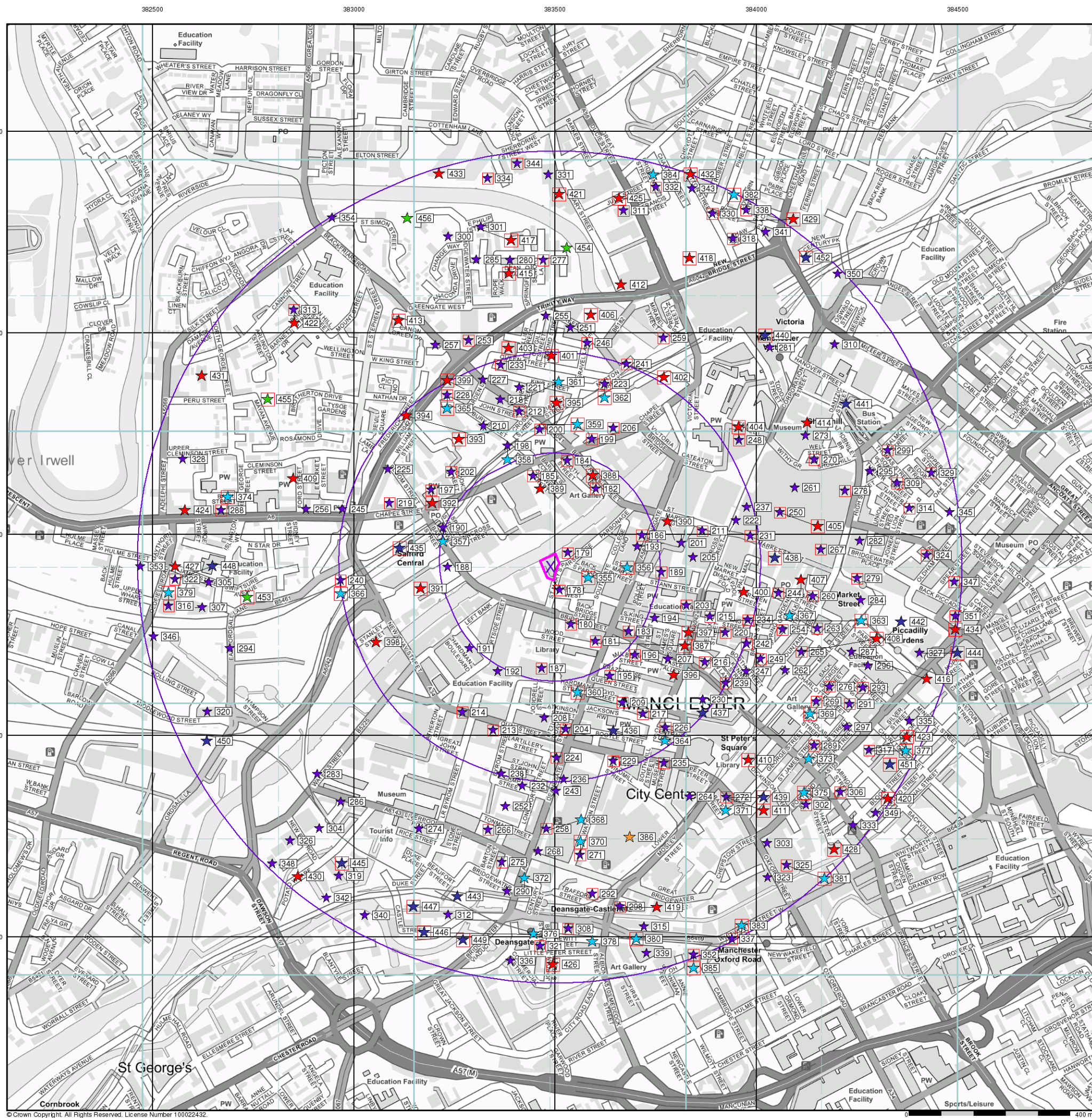
## Site Details

Alberton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ

**Landmark**  
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## Industrial Land Use Map

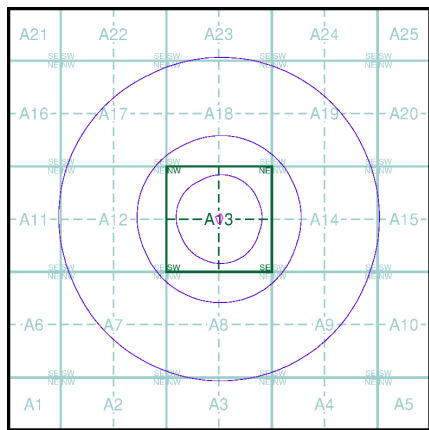
### General

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

### Industrial Land Use

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

## Industrial Land Use Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

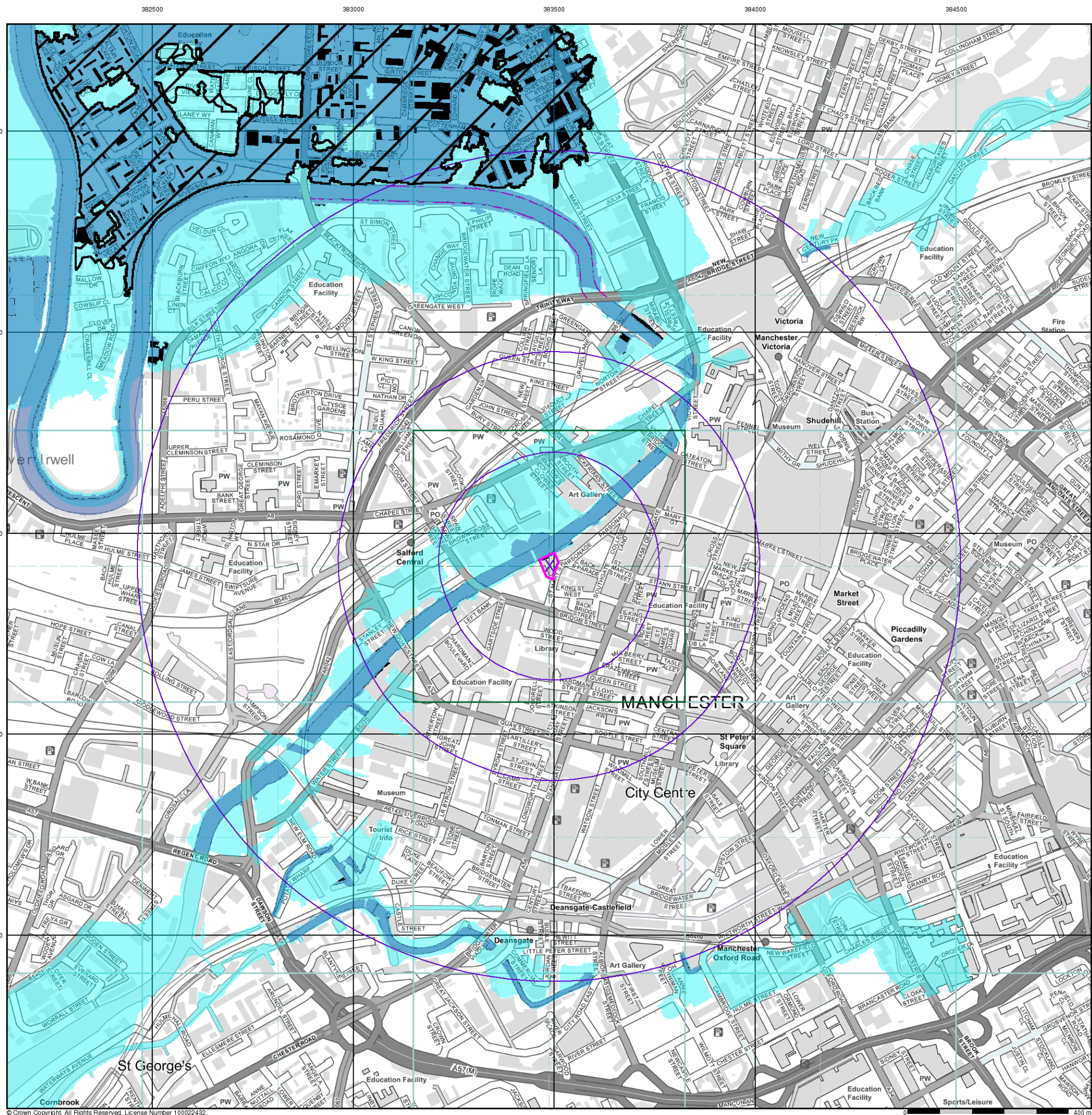
### Site Details

Alborton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ

**Landmark**  
INFORMATION GROUP

Tel: 0844 844 9952  
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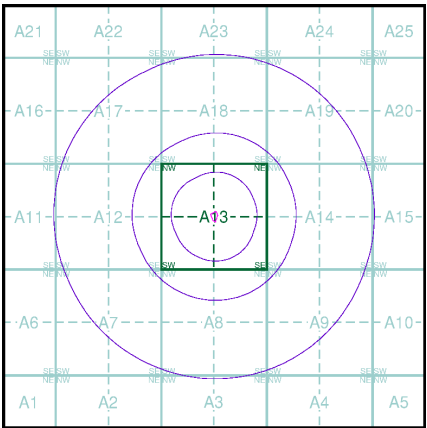
**General**

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

**Agency and Hydrological (Flood)**

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

**Flood Map - Slice A**



**Order Details**

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

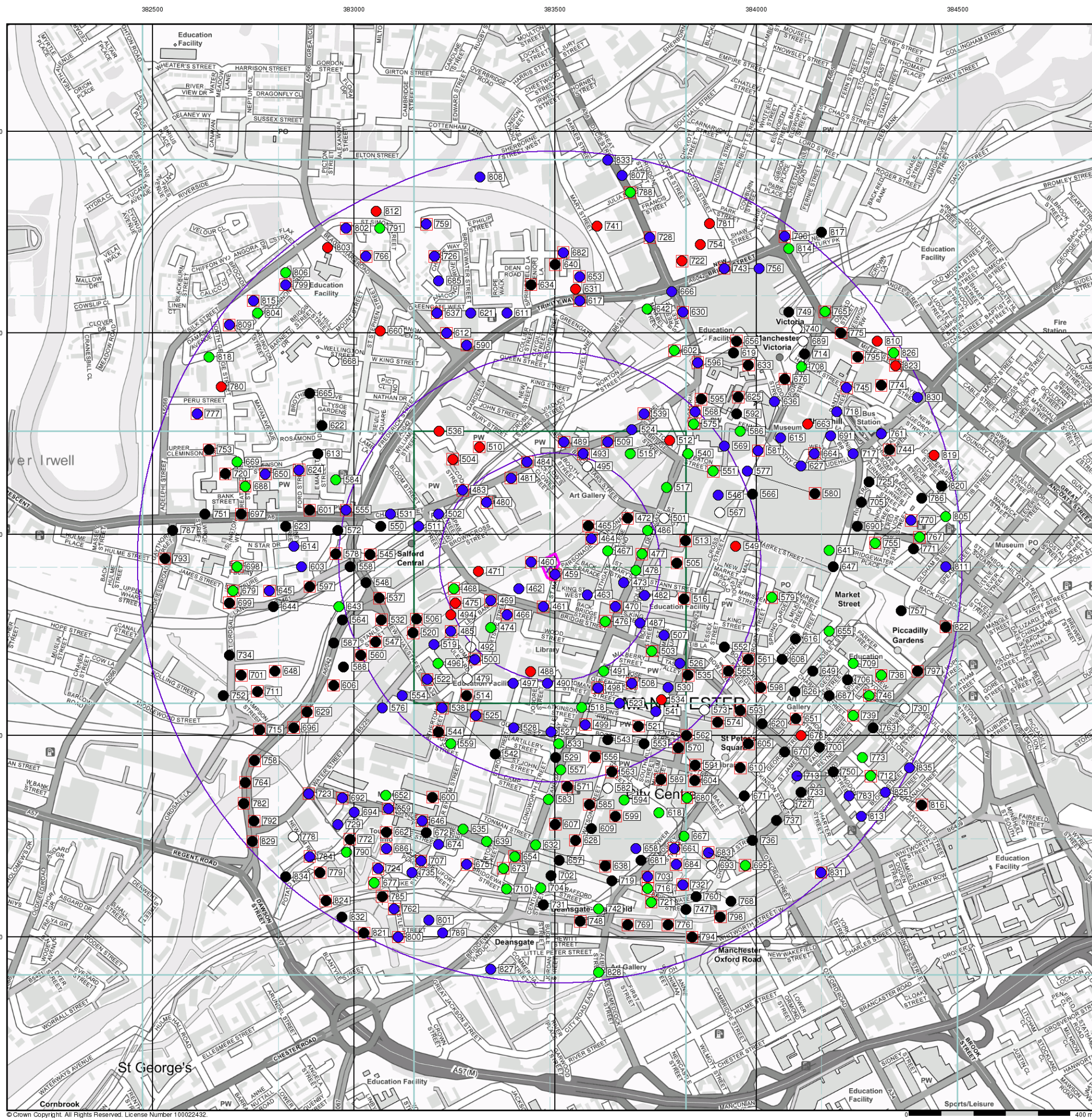
**Site Details**

Alborton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ



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### General

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

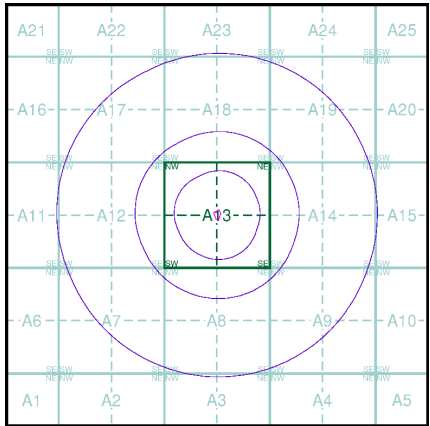
### Agency and Hydrological (Boreholes)

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

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

A copy of the BGS Borehole Ordering Form is available to download from the Support section of [www.envirocheck.co.uk](http://www.envirocheck.co.uk).

### Borehole Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

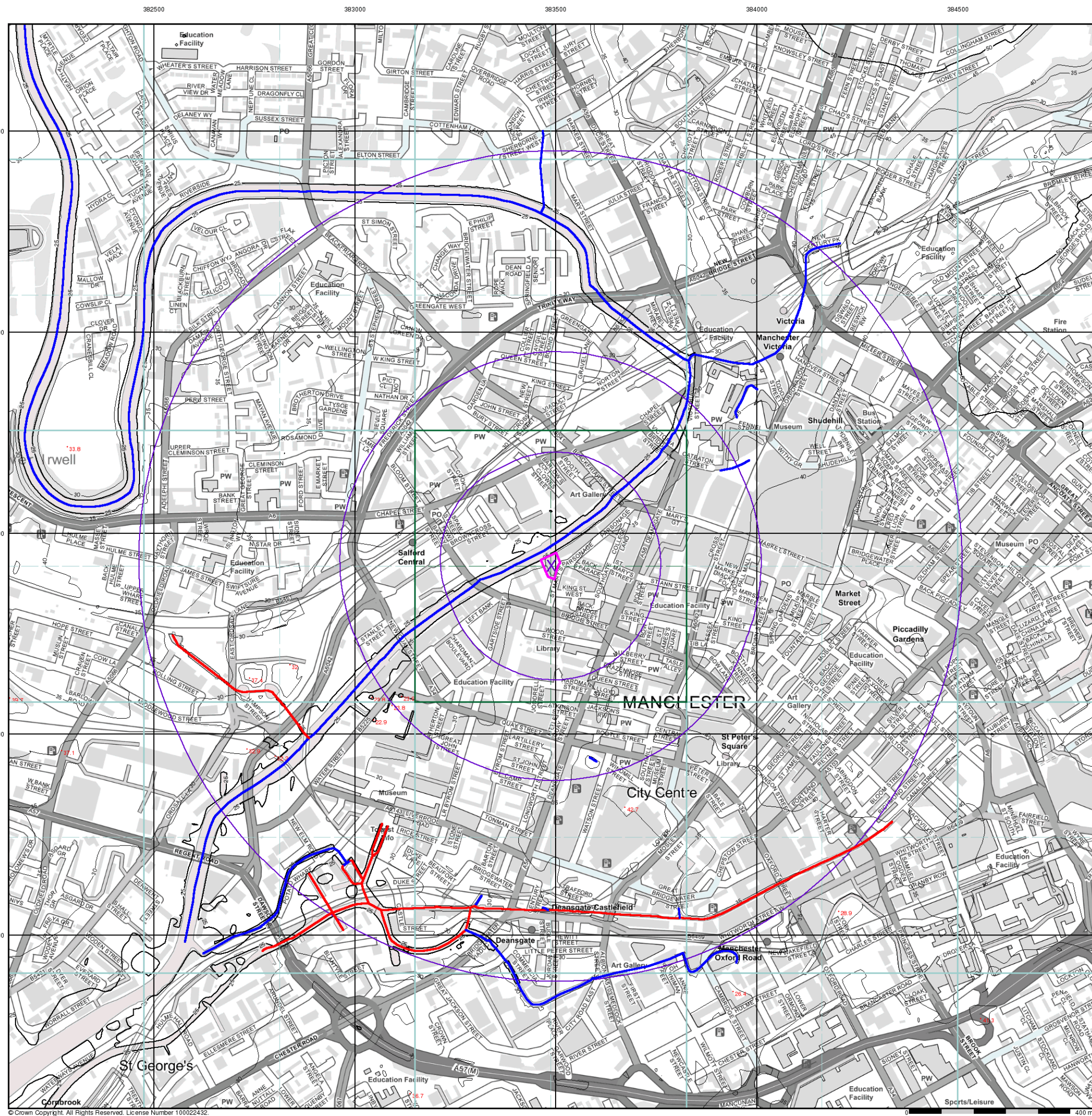
### Site Details

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### General

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

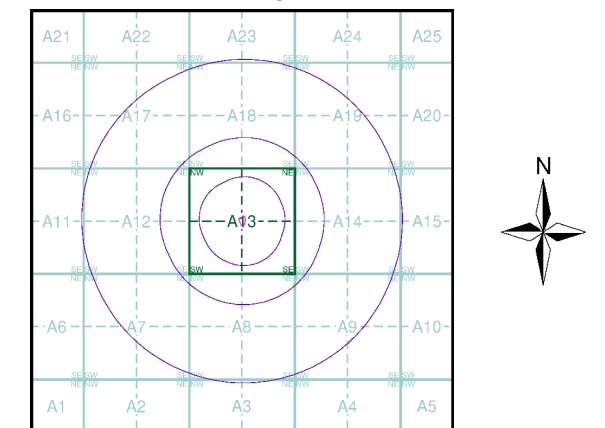
### OS Water Network Data

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

### Contours (height in meters)

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

### OS Water Network Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

### Site Details

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### General

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

### Risk of Flooding from Surface Water

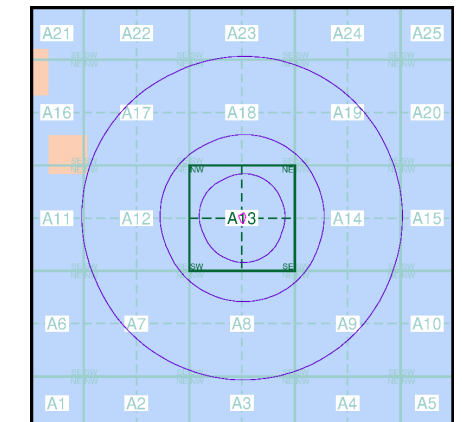
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

### Suitability

See the suitability map below

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

### E/NRW Suitability Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

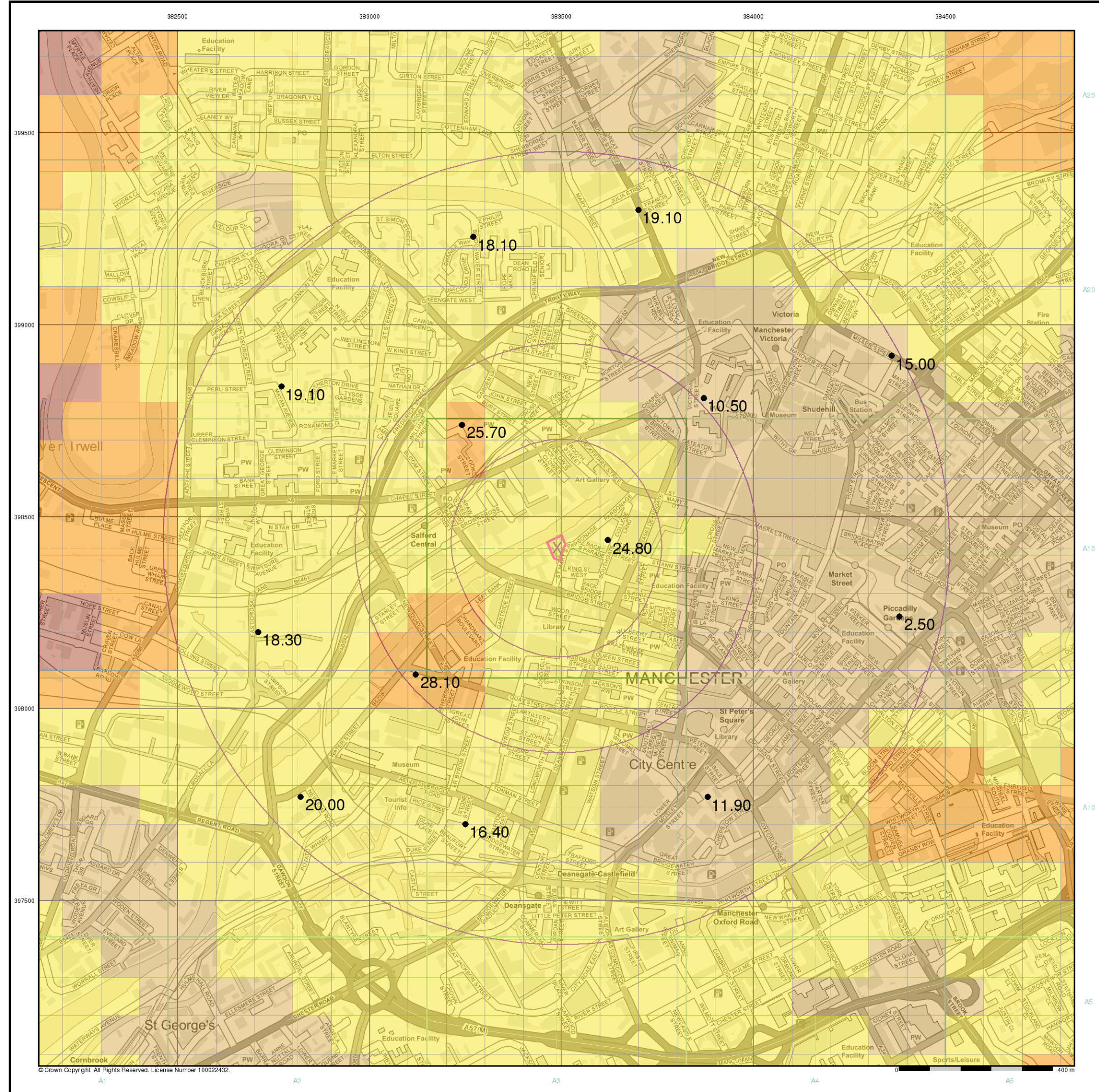
### Site Details

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





### General

Specified Site Specified Buffer(s) Bearing Reference Point

### Urban Soil Chemistry Arsenic

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

Arsenic Concentrations mg/kg

|          |
|----------|
| < 15     |
| 15 - 25  |
| 25 - 35  |
| 35 - 45  |
| 45 - 60  |
| 60 - 120 |
| > 120    |

### Urban Soil Chemistry Arsenic - Slice A

### Order Details

|                          |                |
|--------------------------|----------------|
| Order Details:           | 283717644_1_1  |
| Customer Ref:            | 077764         |
| National Grid Reference: | 383490, 398420 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.19           |
| Search buffer (m):       | 1000           |

### Site Details

Alborton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ

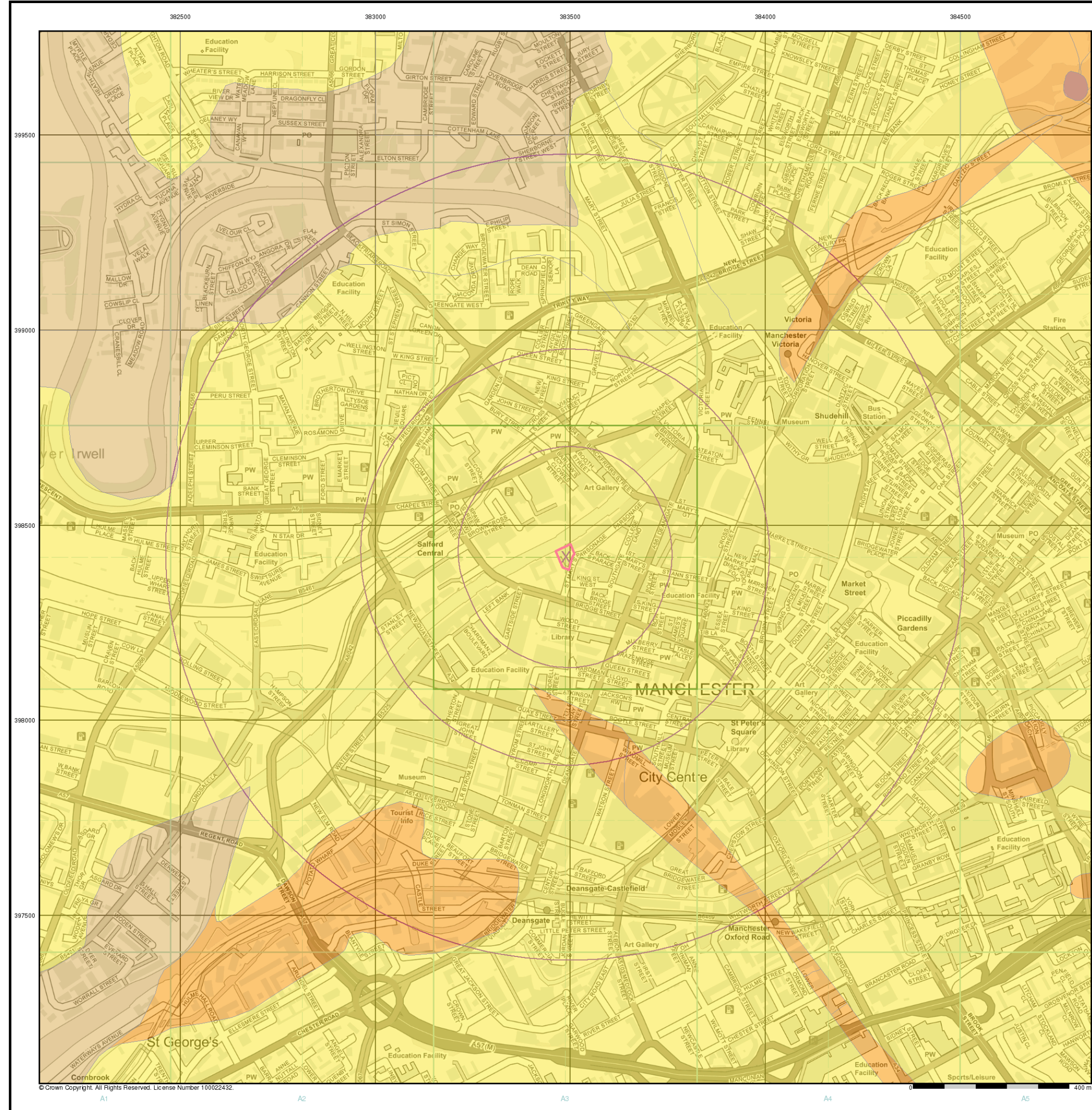
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Web: www.envirocheck.co.uk

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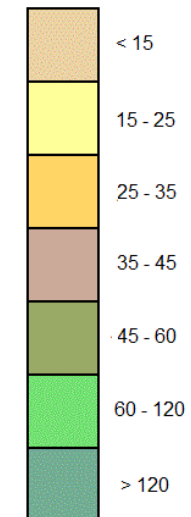


### General

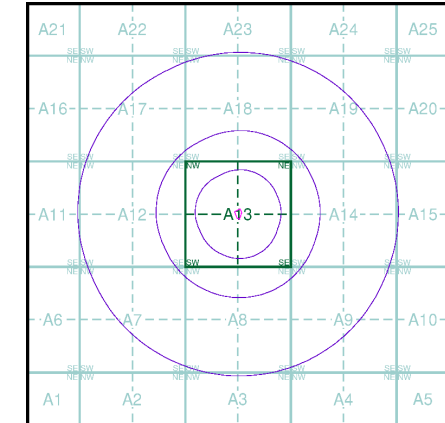
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

### Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



### Estimated Soil Chemistry Arsenic - Slice A



### Order Details

Order Details: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search buffer (m): 1000

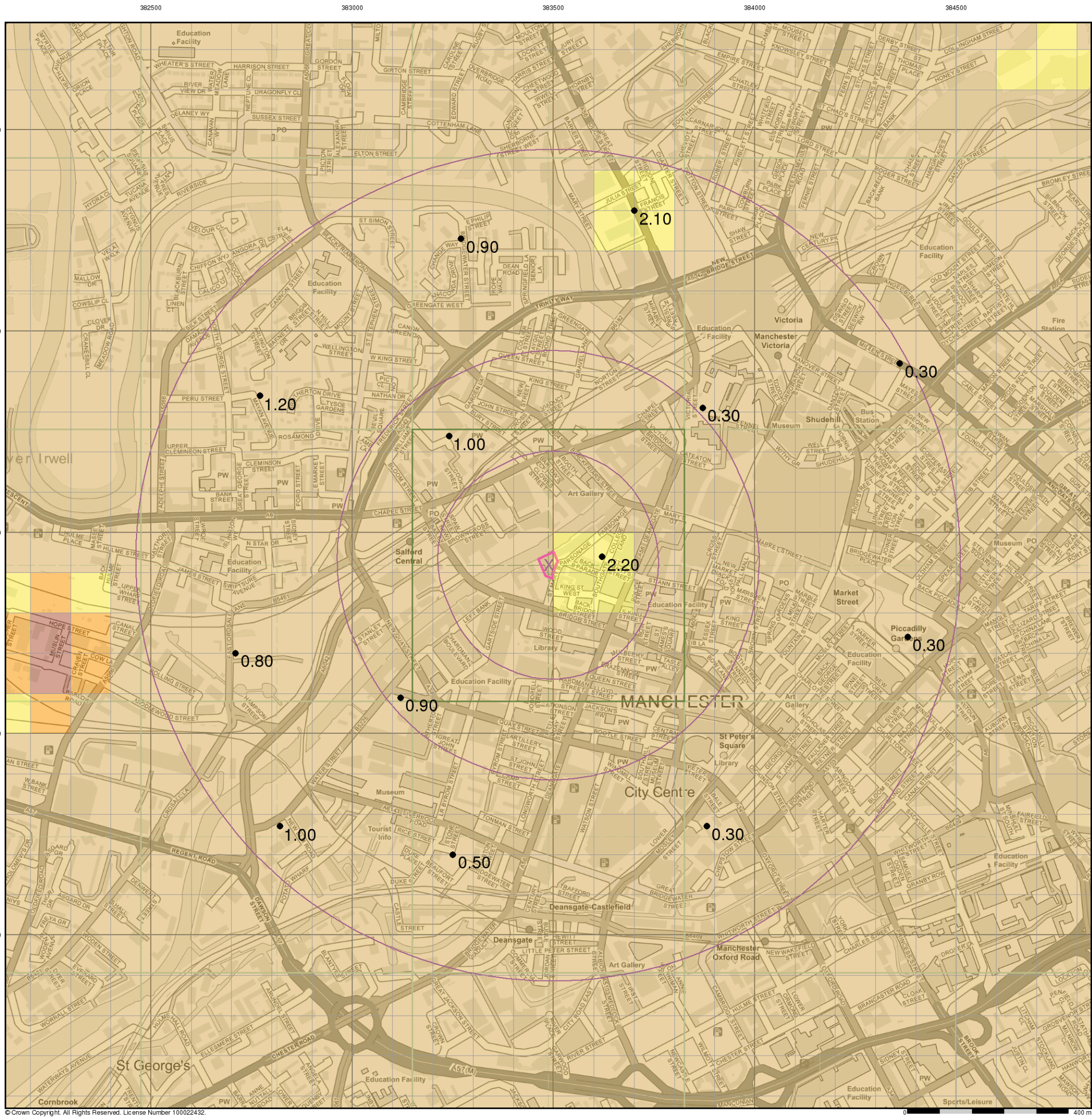
### Site Details

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





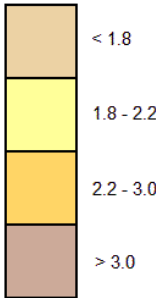
General

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

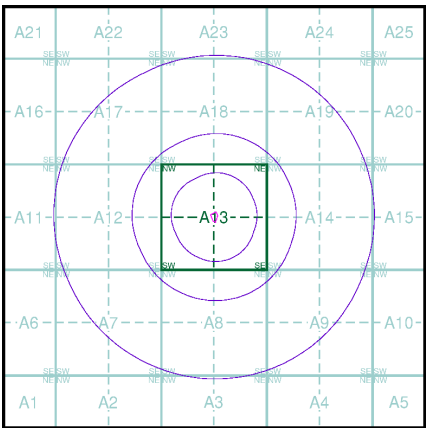
Urban Soil Chemistry Cadmium

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

Cadmium Concentrations mg/kg



Urban Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search buffer (m): 1000

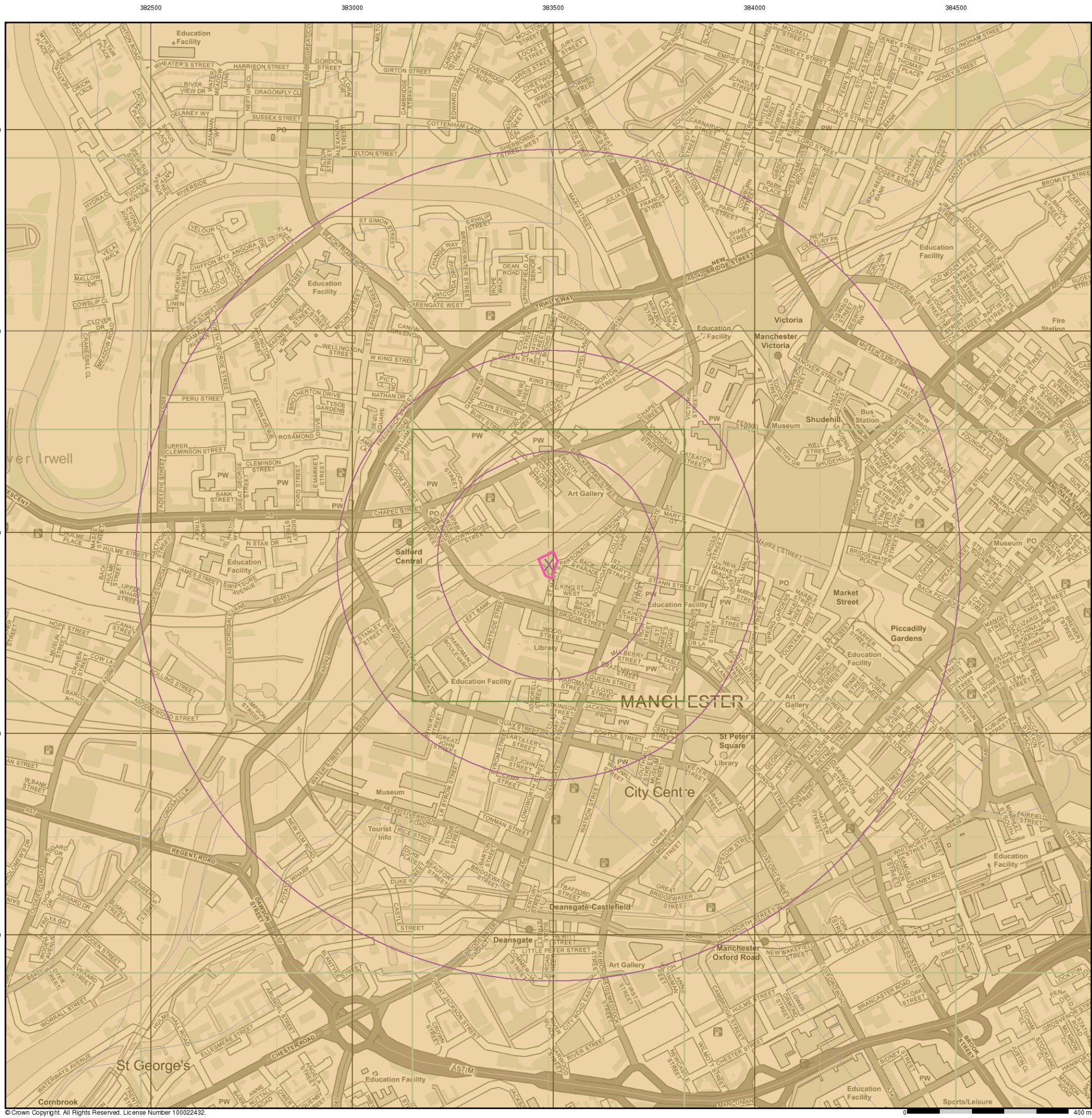
Site Details

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



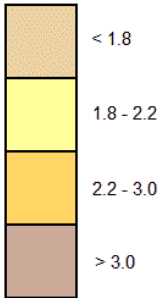


### General

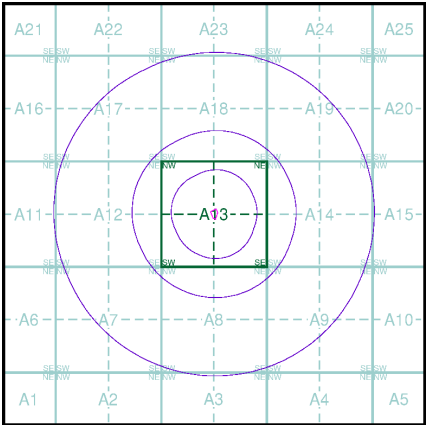
Specified Site Specified Buffer(s) Bearing Reference Point

### Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



### Estimated Soil Chemistry Cadmium - Slice A



### Order Details

Order Details: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search buffer (m): 1000

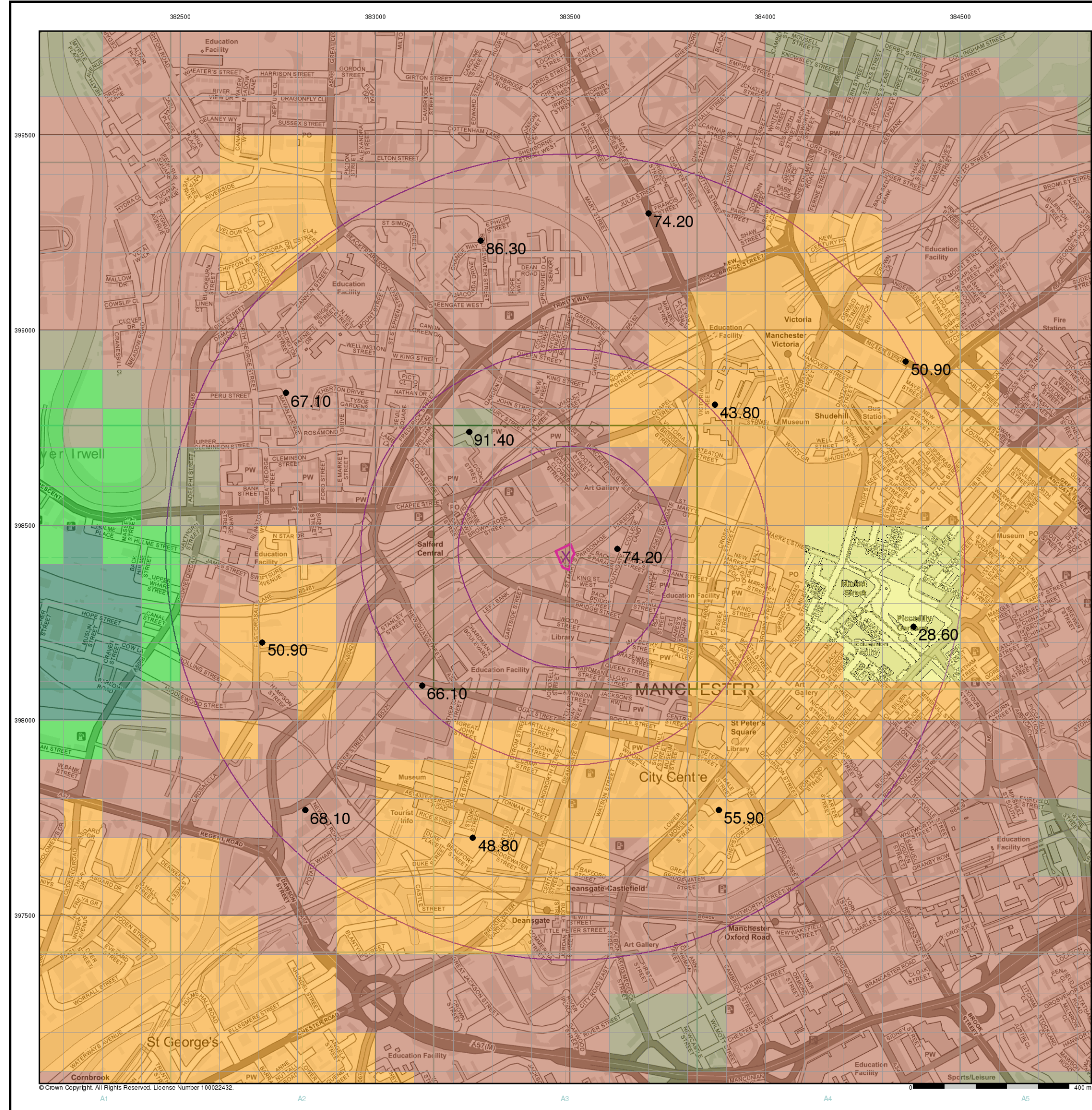
### Site Details

Alberton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ

Landmark  
INFORMATION GROUP

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





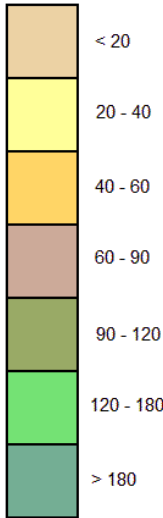
General

Specified Site Specified Buffer(s) Bearing Reference Point

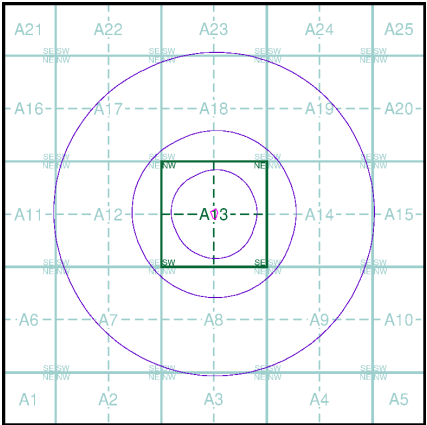
Urban Soil Chemistry Chromium

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

Chromium Concentrations mg/kg



Urban Soil Chemistry Chromium - Slice A



Order Details

Order Details: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search buffer (m): 1000

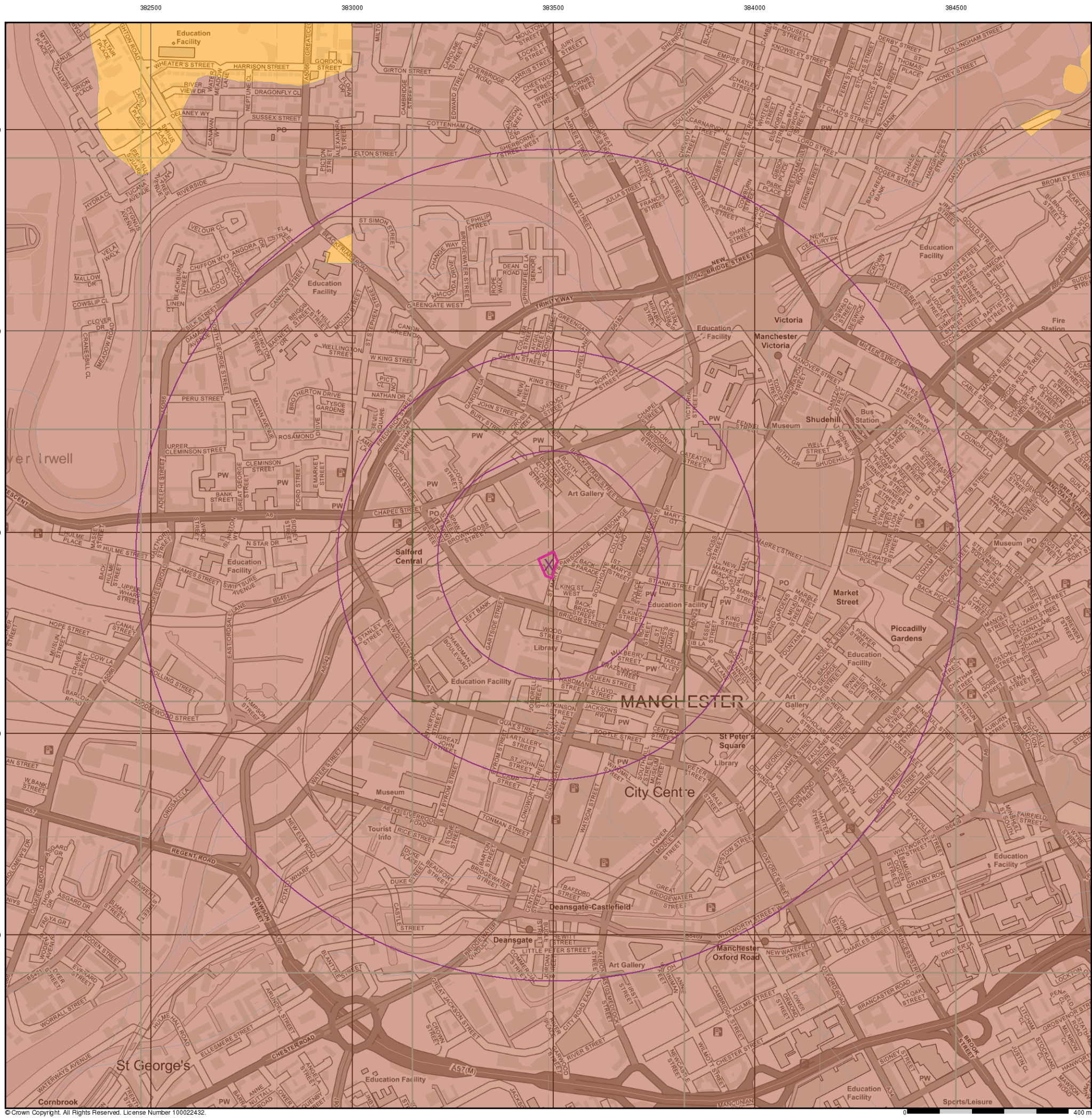
Site Details

Alborton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ



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



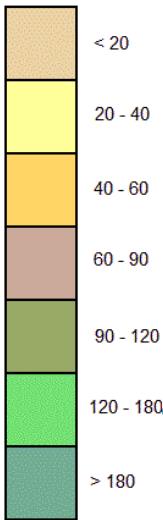


General

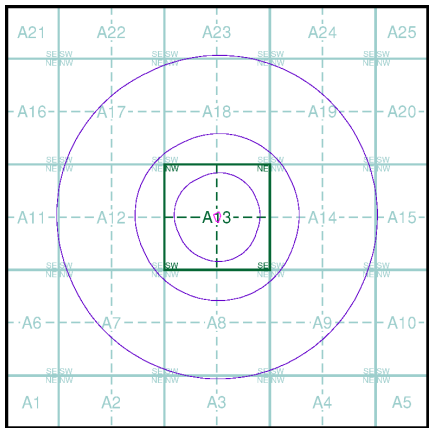
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search buffer (m): 1000

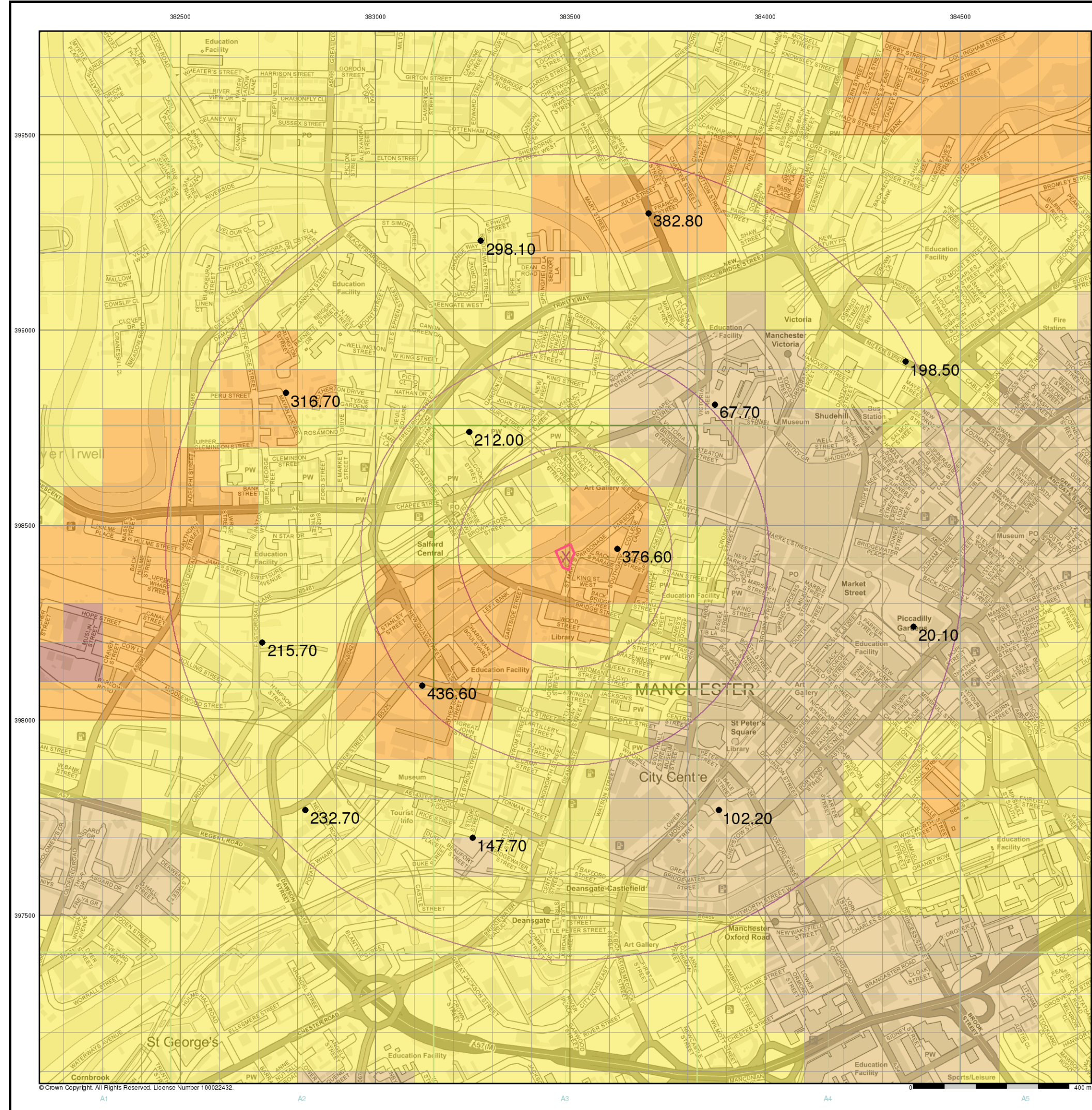
Site Details

Alborton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ



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





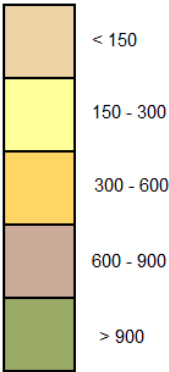
General

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

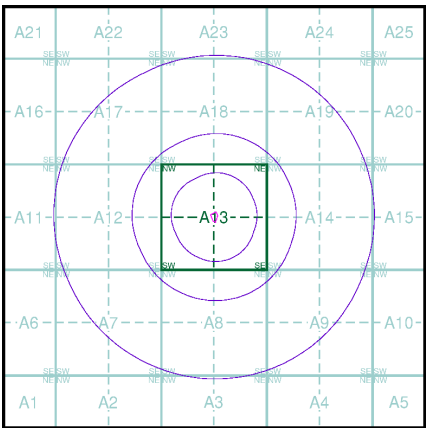
Urban Soil Chemistry Lead

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

Lead Concentrations mg/kg



Urban Soil Chemistry Lead - Slice A



Order Details

Order Details: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search buffer (m): 1000

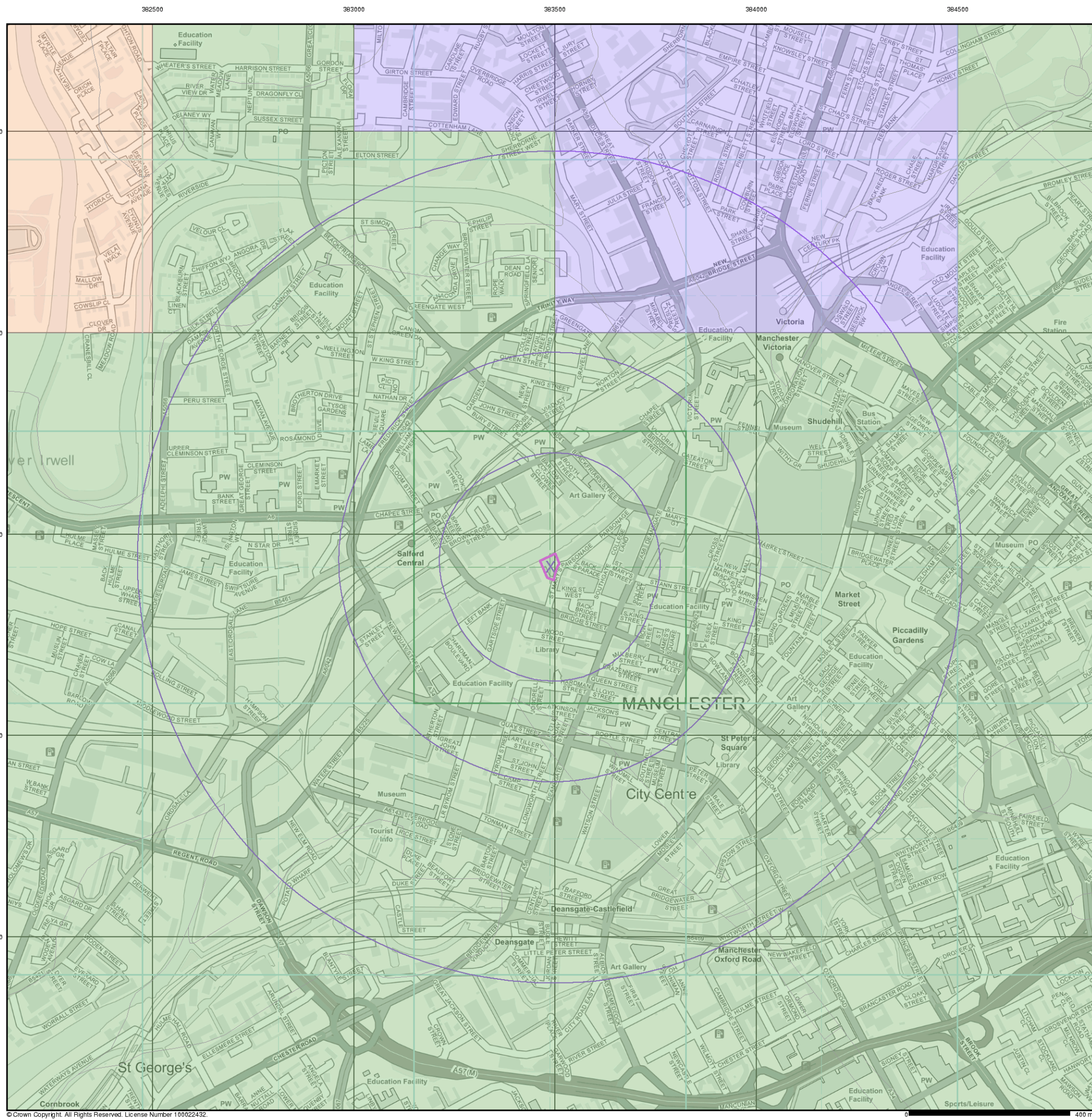
Site Details

Alborton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ



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



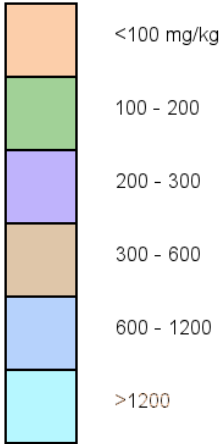


General

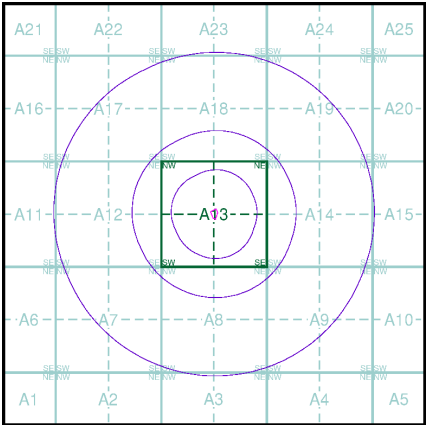
- Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search buffer (m): 1000

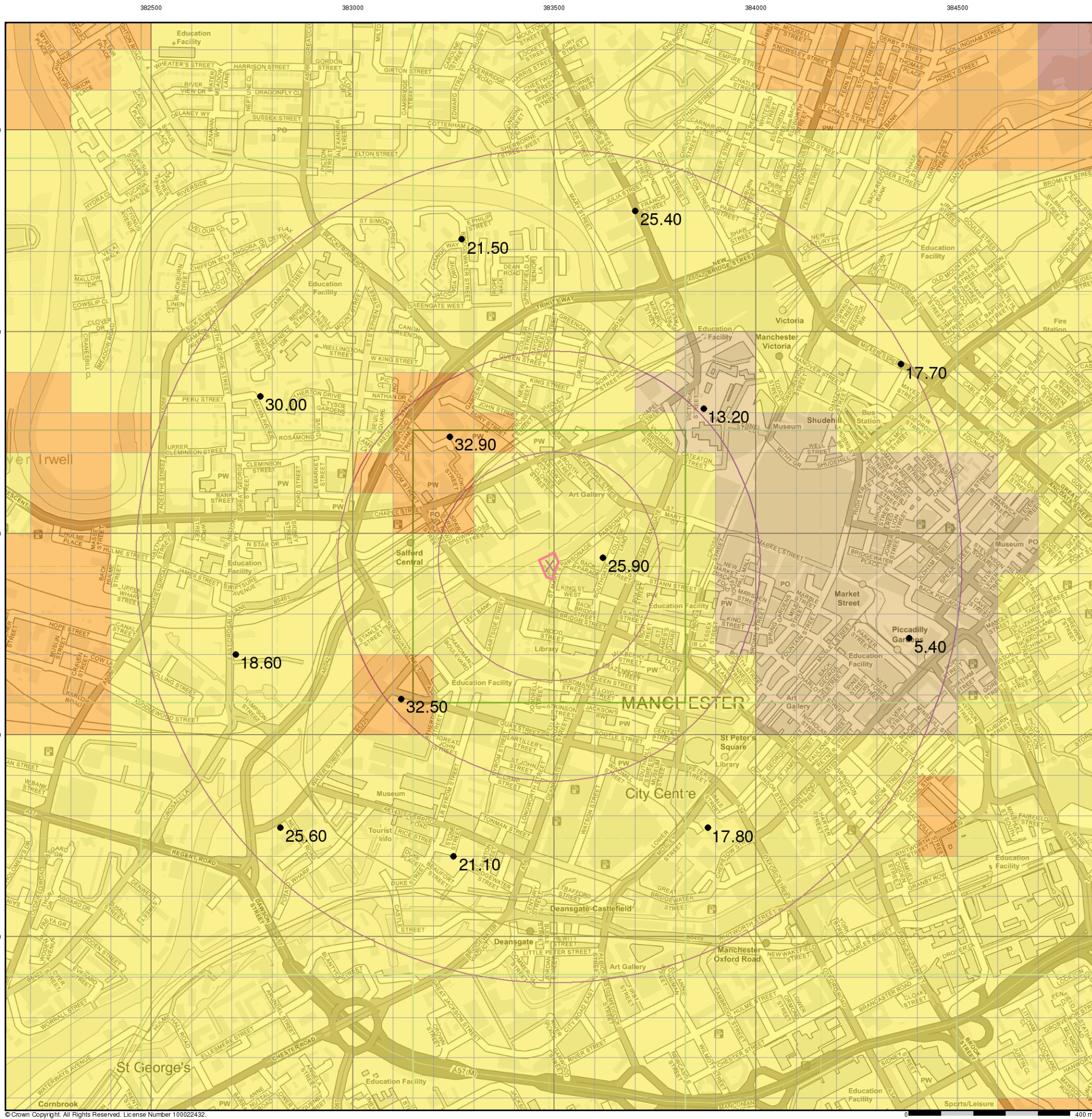
Site Details

Alborton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ



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





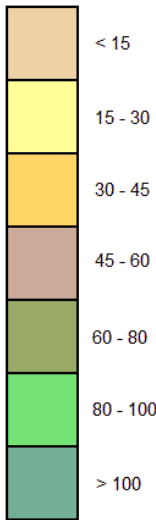
General

Specified Site Specified Buffer(s) Bearing Reference Point

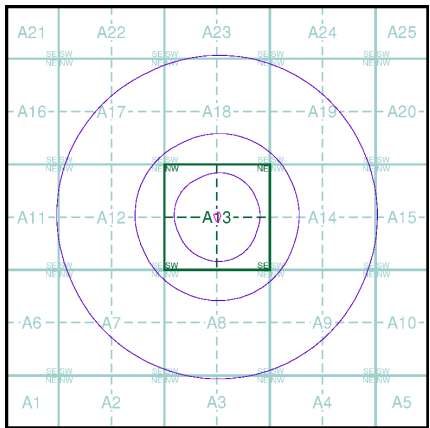
Urban Soil Chemistry Nickel

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

Nickel Concentrations mg/kg



Urban Soil Chemistry Nickel - Slice A



Order Details

Order Details: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search buffer (m): 1000

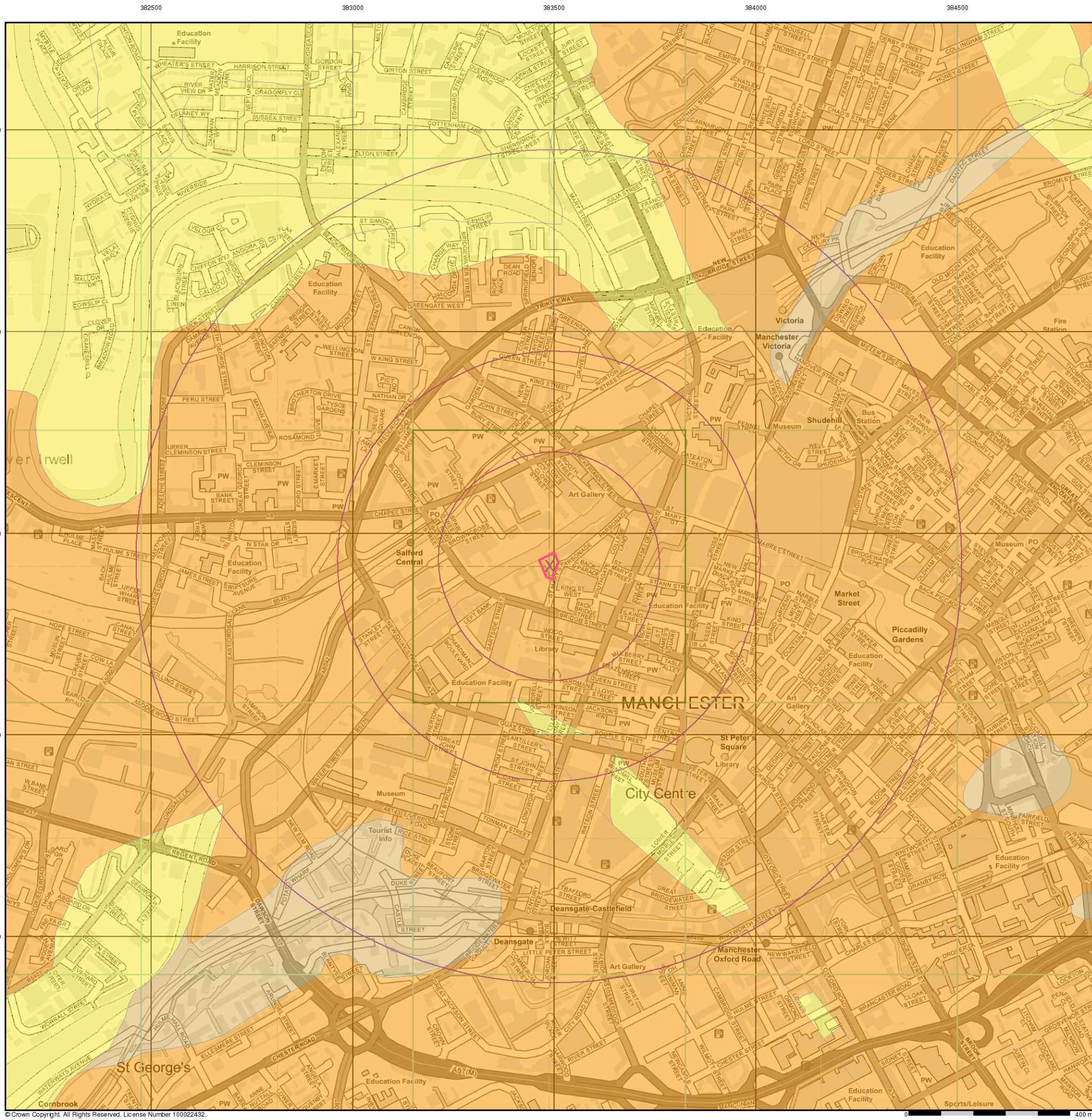
Site Details

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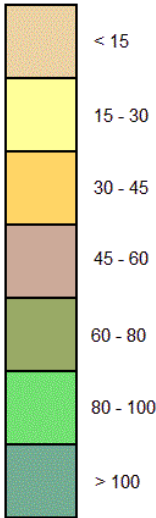


### General

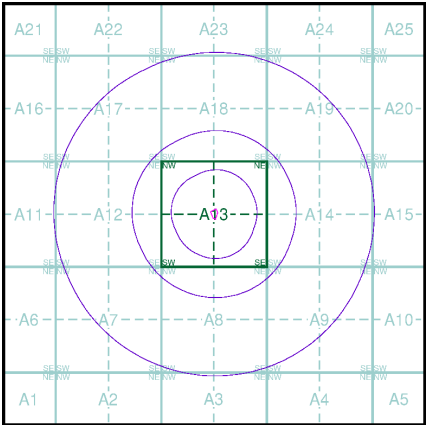
Specified Site Specified Buffer(s) Bearing Reference Point

### Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



### Estimated Soil Chemistry Nickel - Slice A



### Order Details

Order Details: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search buffer (m): 1000

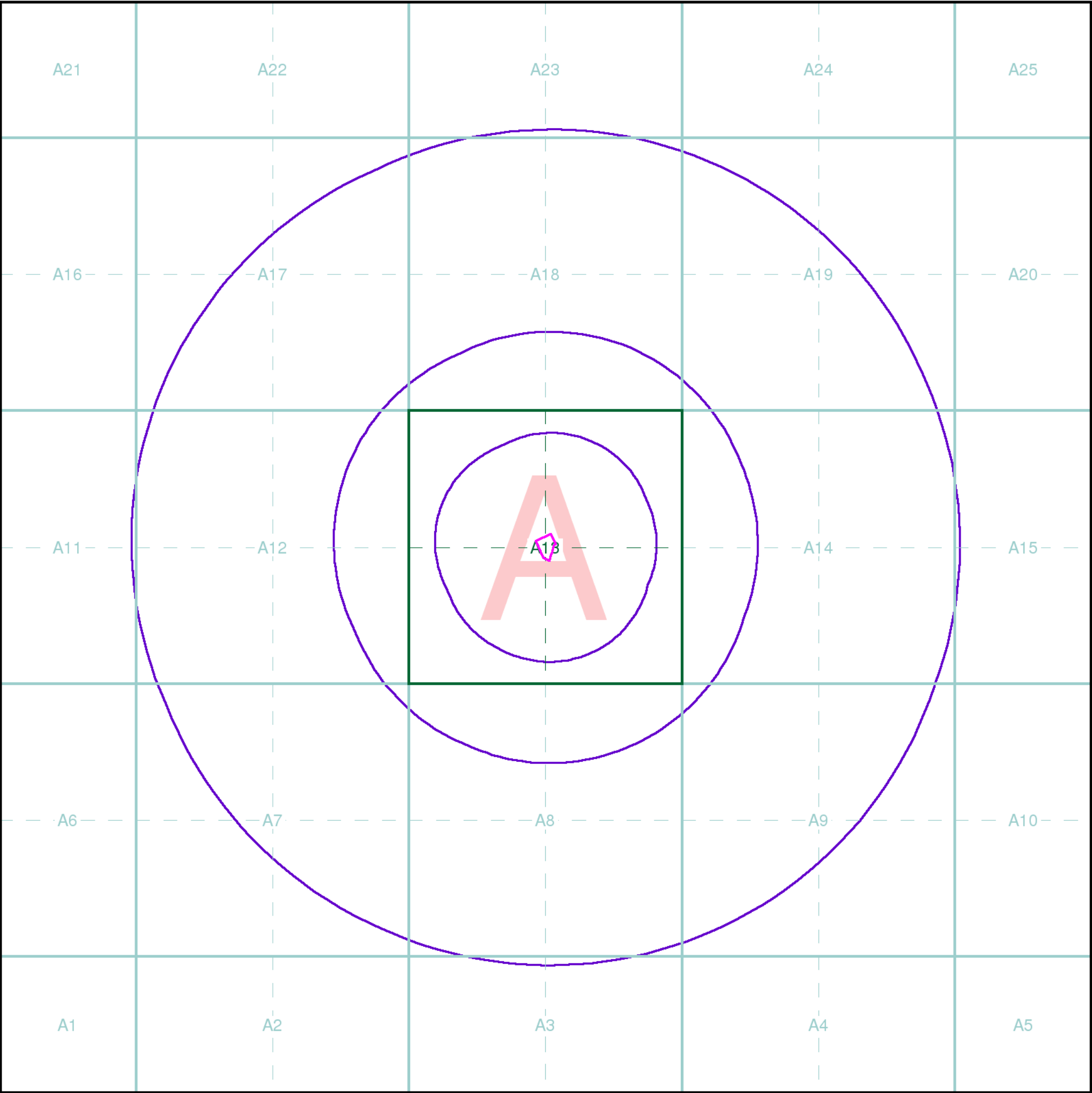
### Site Details

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### Index Map

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

#### Slice

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

#### Segment

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

#### Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

### Client Details

Mr T Walker, Curtins Consulting Ltd, Merchant Exchange, 17-19 Whitworth Street West, Manchester, M1 5WG

### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

### Site Details

Alberton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ

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## Lancashire And Furness

### Published 1850 - 1851

### Source map scale - 1:1,056

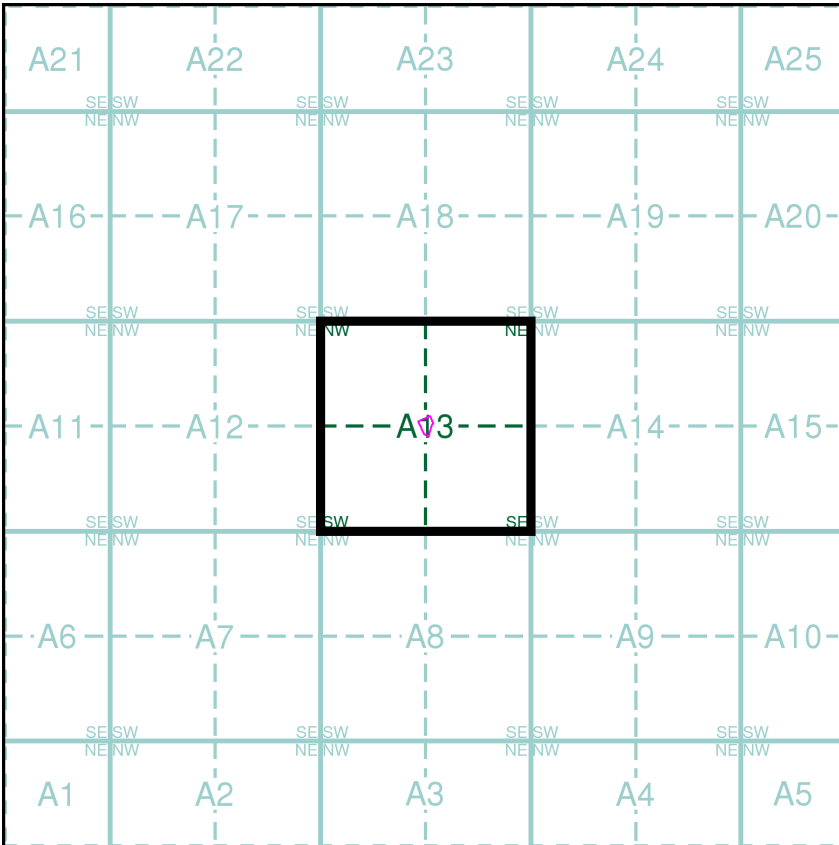
The 1:1056 scale of Ordnance Survey mapping was adopted from Ireland in 1848 and was used to survey towns with a population of over 4000, plus county towns of lesser population, in those counties mapped at the six-inch scale in 1841-55. The scale was the largest scale at which London was mapped by the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

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

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

|                               |                               |
|-------------------------------|-------------------------------|
| 000_00_022<br>1850<br>1:1,056 | 000_00_023<br>1850<br>1:1,056 |
| 000_00_027<br>1851<br>1:1,056 | 000_00_028<br>1851<br>1:1,056 |

### Historical Town Plan - Segment A13



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 0

### Site Details

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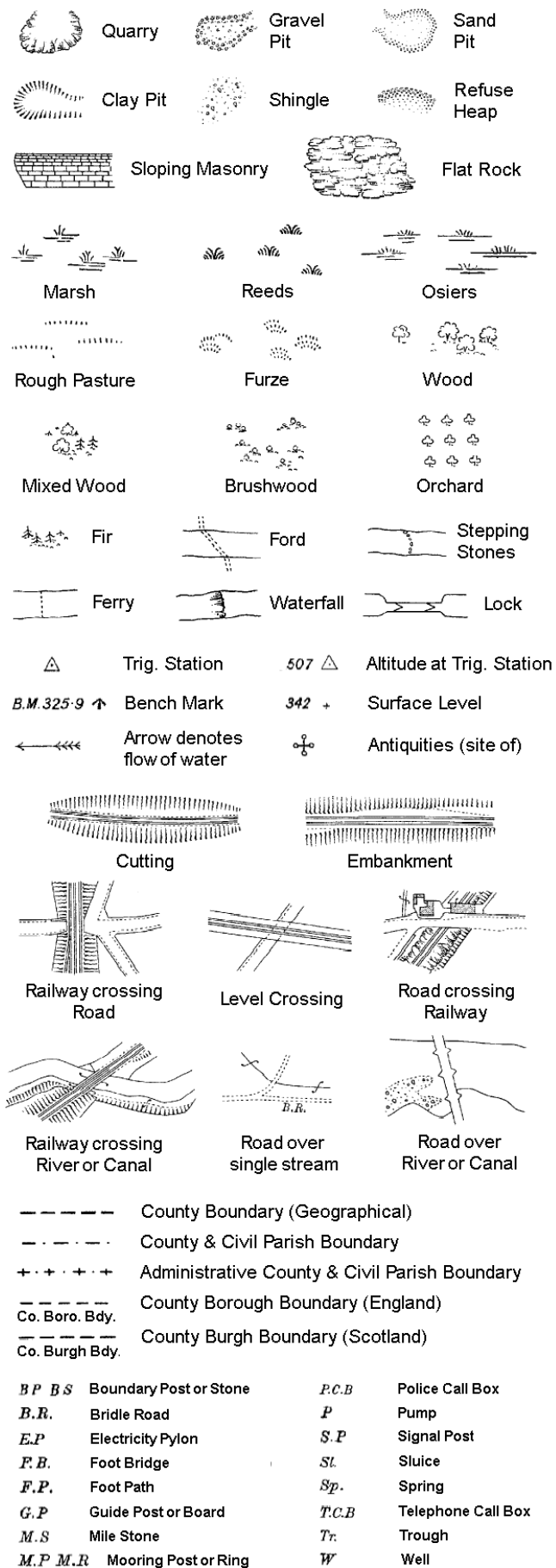


Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

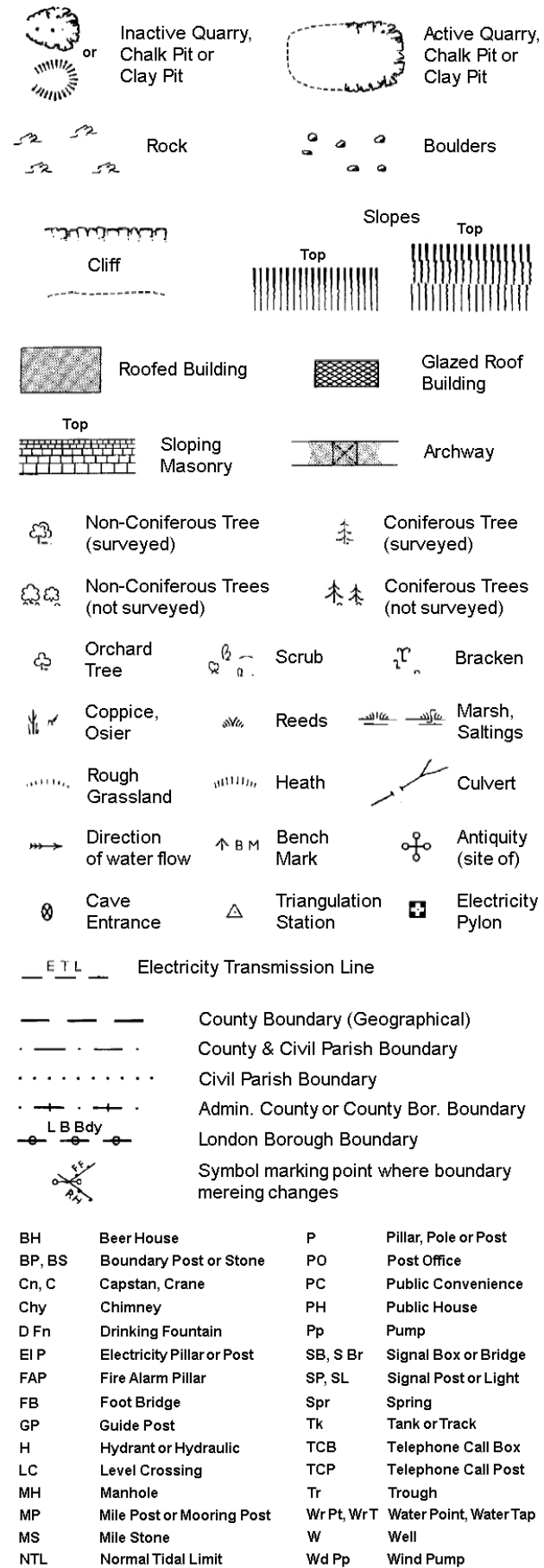


## Historical Mapping Legends

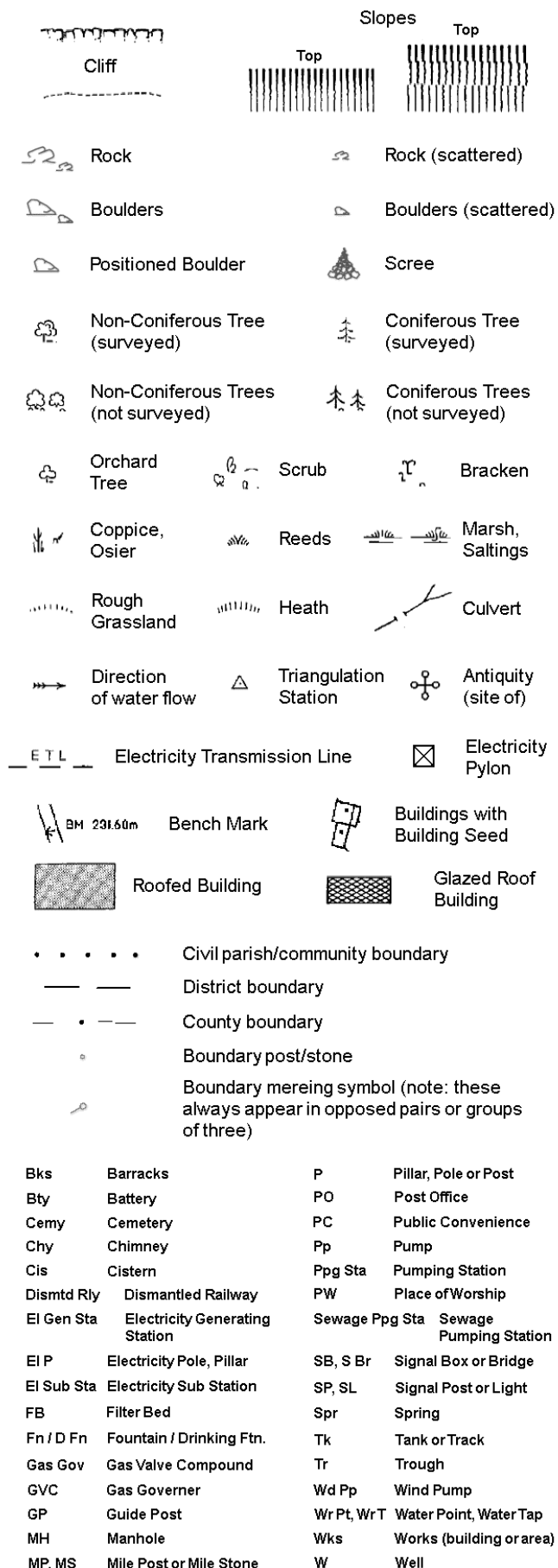
## Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



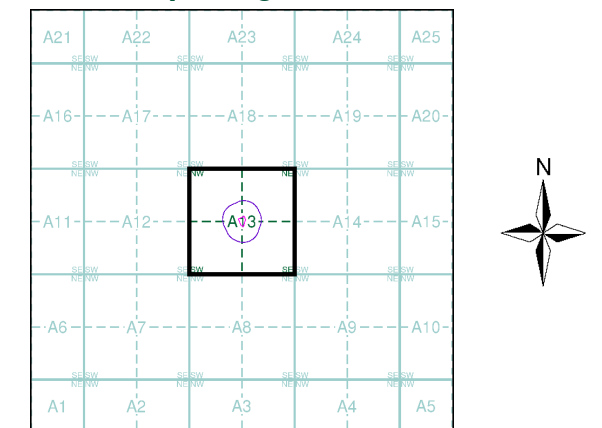
## Large-Scale National Grid Data 1:2,500 and 1:1,250



### Historical Mapping & Photography included:

| Mapping Type                             | Scale   | Date        | Pg |
|------------------------------------------|---------|-------------|----|
| Lancashire And Furness                   | 1:2,500 | 1892        | 2  |
| Lancashire And Furness                   | 1:2,500 | 1908        | 3  |
| Lancashire And Furness                   | 1:2,500 | 1932 - 1933 | 4  |
| Ordnance Survey Plan                     | 1:1,250 | 1948 - 1949 | 5  |
| Ordnance Survey Plan                     | 1:2,500 | 1951        | 6  |
| Ordnance Survey Plan                     | 1:1,250 | 1954 - 1957 | 7  |
| Ordnance Survey Plan                     | 1:2,500 | 1958        | 8  |
| Ordnance Survey Plan                     | 1:1,250 | 1962 - 1970 | 9  |
| Ordnance Survey Plan                     | 1:2,500 | 1963        | 10 |
| Ordnance Survey Plan                     | 1:2,500 | 1971        | 11 |
| Ordnance Survey Plan                     | 1:1,250 | 1973 - 1989 | 12 |
| Supply of Unpublished Survey Information | 1:1,250 | 1975        | 13 |
| Additional SIMs                          | 1:1,250 | 1979 - 1984 | 14 |
| Additional SIMs                          | 1:1,250 | 1985 - 1990 | 15 |
| Additional SIMs                          | 1:1,250 | 1988        | 16 |
| Additional SIMs                          | 1:1,250 | 1990        | 17 |
| Large-Scale National Grid Data           | 1:1,250 | 1992        | 18 |
| Large-Scale National Grid Data           | 1:1,250 | 1994        | 19 |
| Large-Scale National Grid Data           | 1:1,250 | 1995        | 20 |
| Large-Scale National Grid Data           | 1:1,250 | 1996        | 21 |
| Large-Scale National Grid Data           | 1:1,250 | 1996        | 22 |
| Historical Aerial Photography            | 1:2,500 | 2000        | 23 |

## Historical Map - Segment A13



## Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

## Site Details

Alberton House, 30, St Mary's Parsonage, MANCHESTER, M3  
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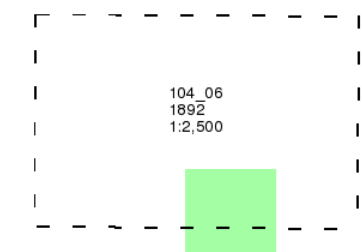
Lancashire And Furness

Published 1892

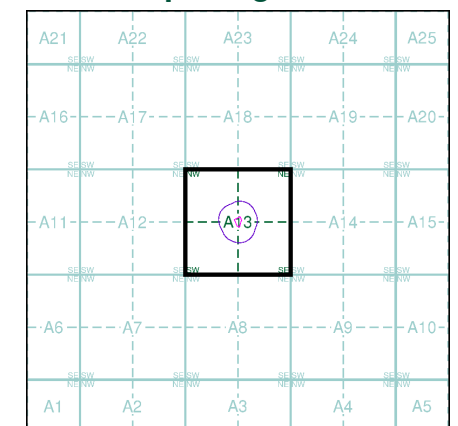
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13



### Order Details

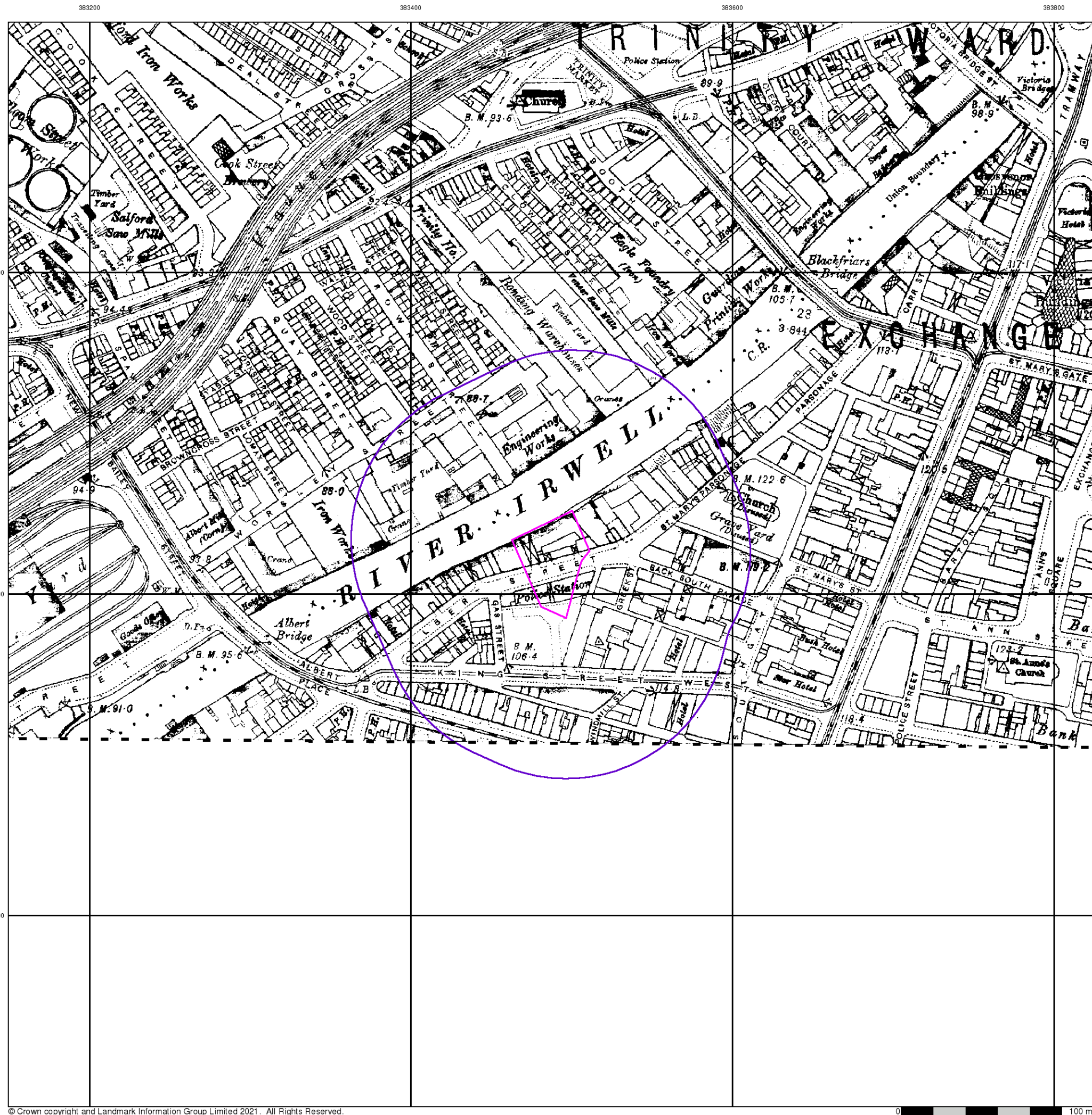
Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

### Site Details

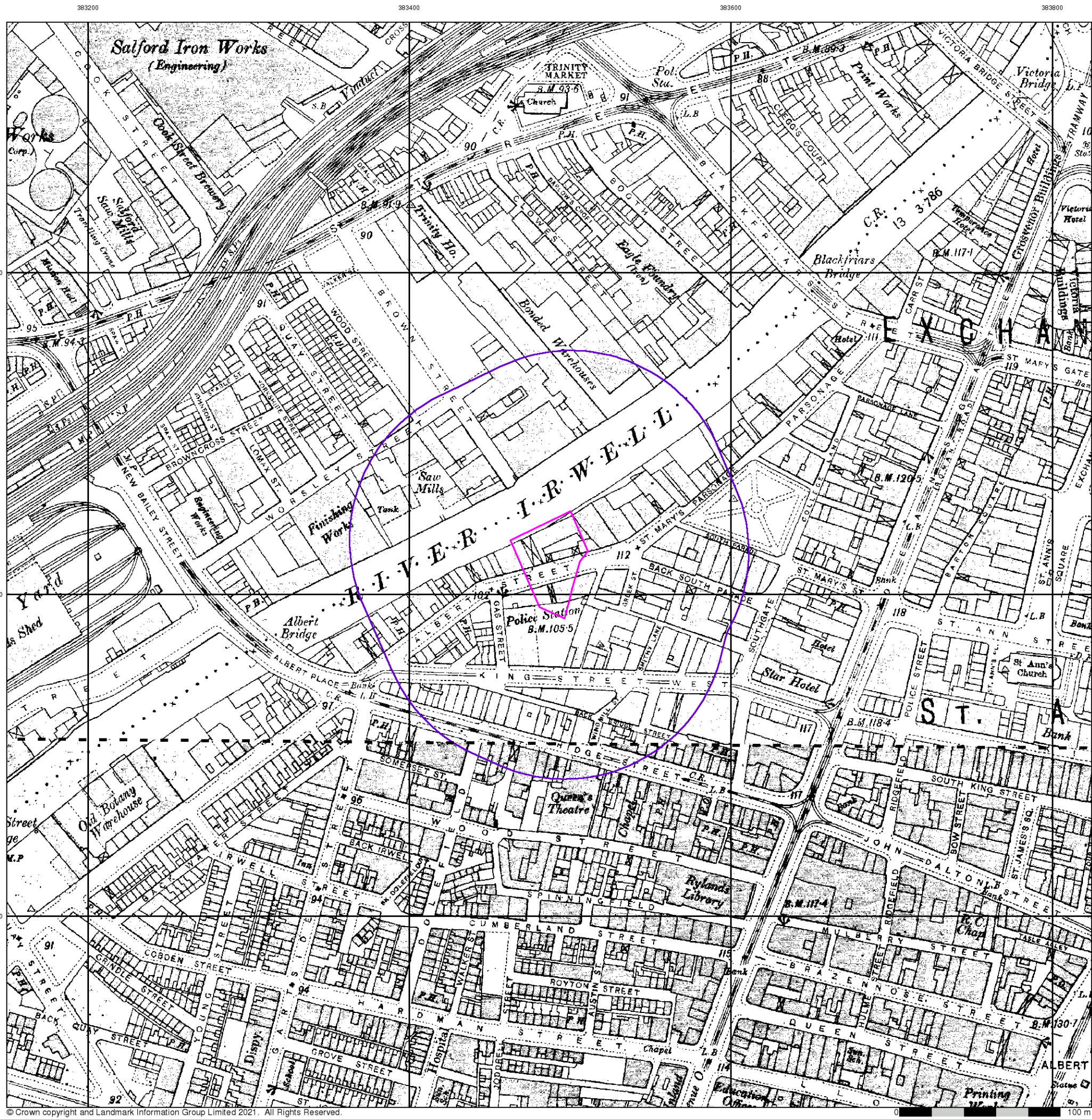
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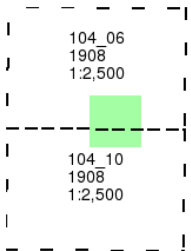
Lancashire And Furness

Published 1908

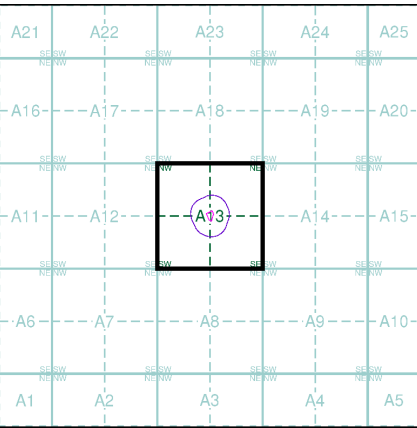
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

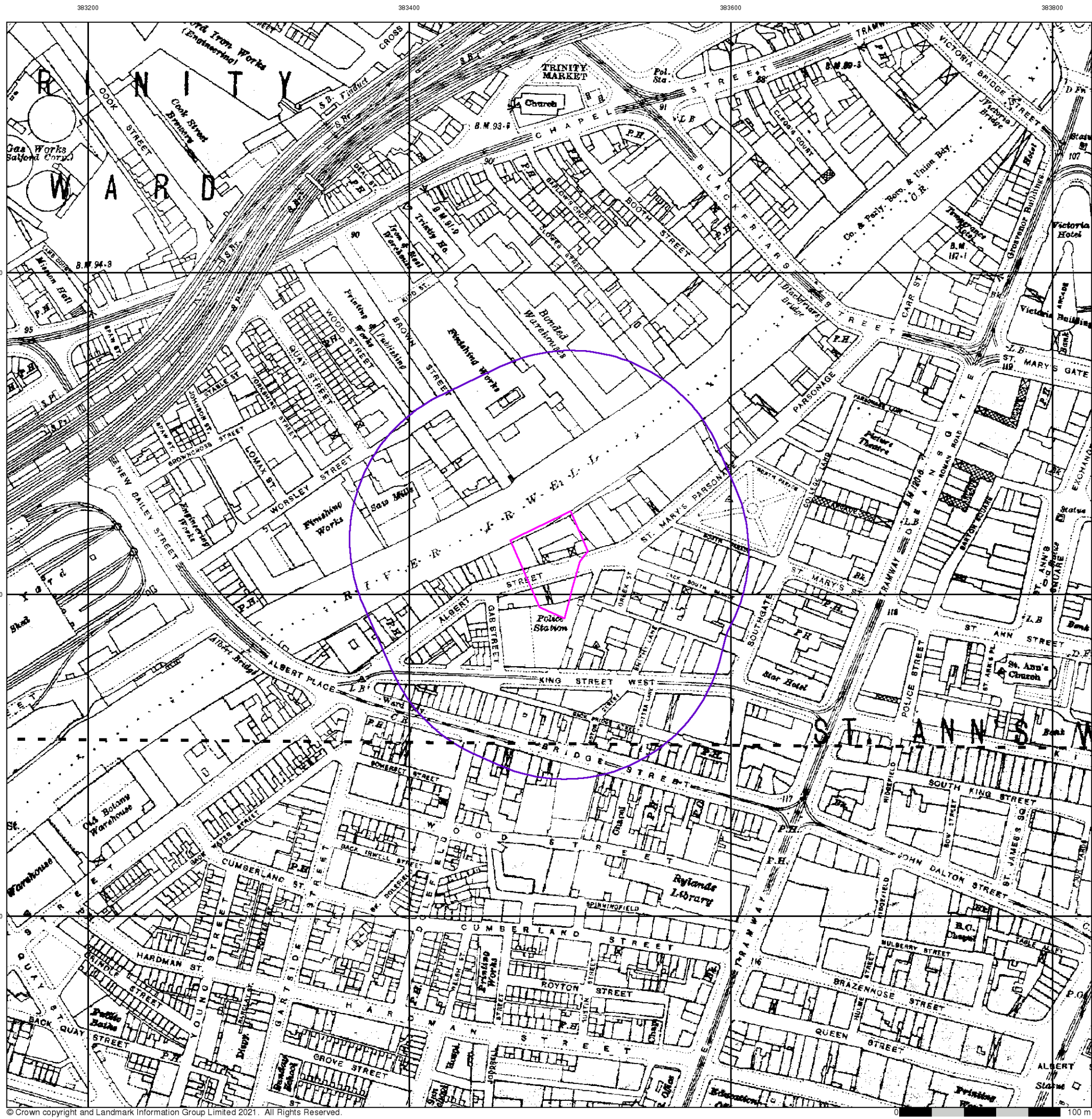
### Site Details

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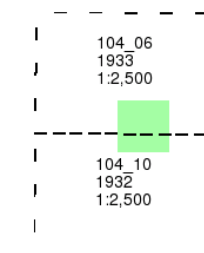
## Lancashire And Furness

Published 1932 - 1933

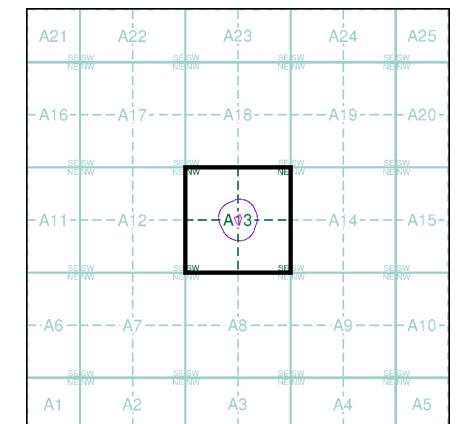
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

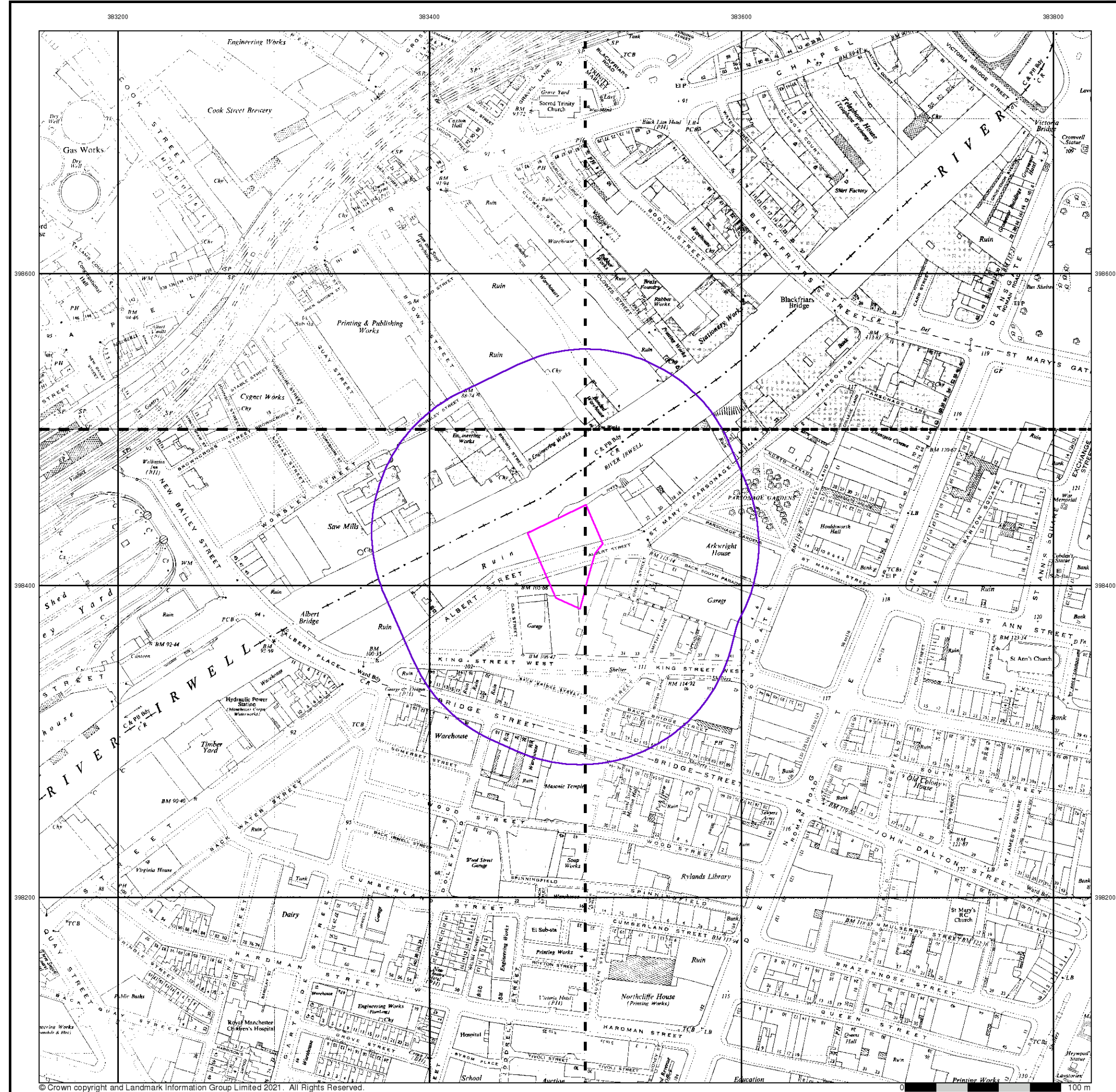
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## Ordnance Survey Plan

Published 1948 - 1949

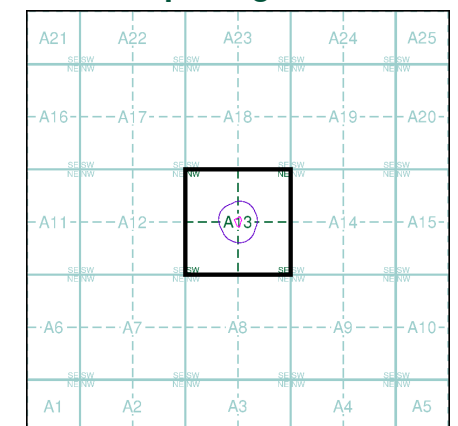
Source map scale - 1:1,250

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)

|          |          |
|----------|----------|
| SJ8398NW | SJ8398NE |
| 1949     | 1949     |
| 1:1,250  | 1:1,250  |
| SJ8398SW | SJ8398SE |
| 1948     | 1948     |
| 1:1,250  | 1:1,250  |

## Historical Map - Segment A13



## Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

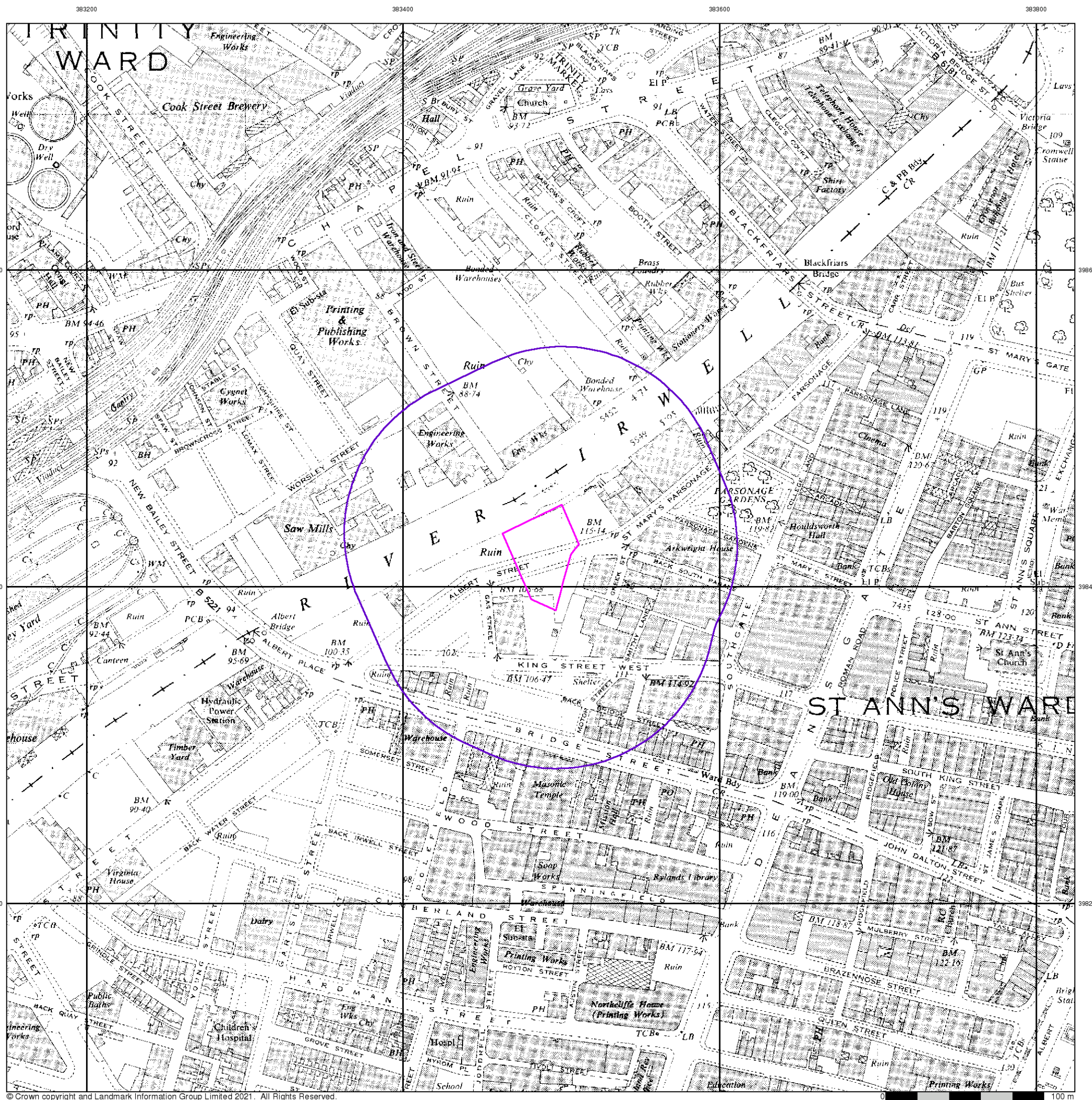
## Site Details

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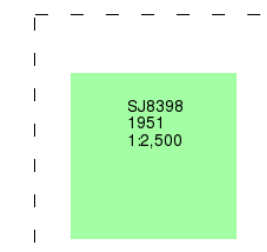
## Ordnance Survey Plan

Published 1951

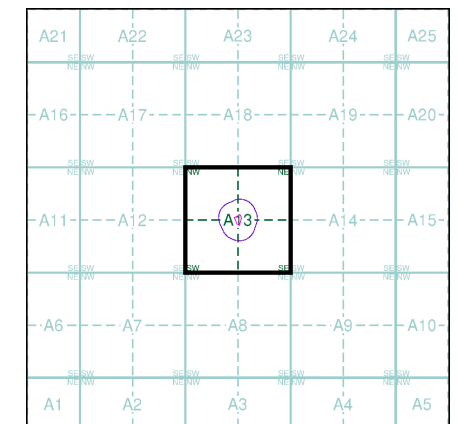
Source map scale - 1:2,500

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

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

## Site Details

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## Ordnance Survey Plan

Published 1954 - 1957

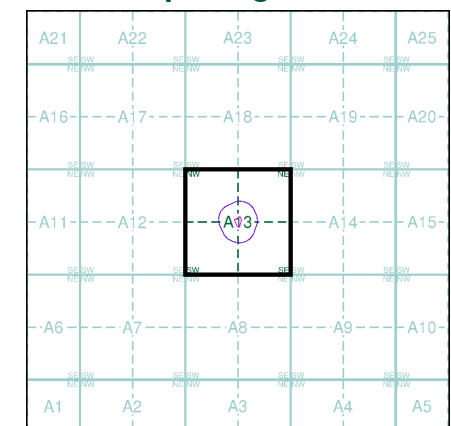
Source map scale - 1:1,250

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

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

|                             |                             |
|-----------------------------|-----------------------------|
| SJ8398NW<br>1954<br>1:1,250 | SJ8398NE<br>1955<br>1:1,250 |
| SJ8398SW<br>1957<br>1:1,250 | SJ8398SE<br>1956<br>1:1,250 |

### Historical Map - Segment A13



### Order Details

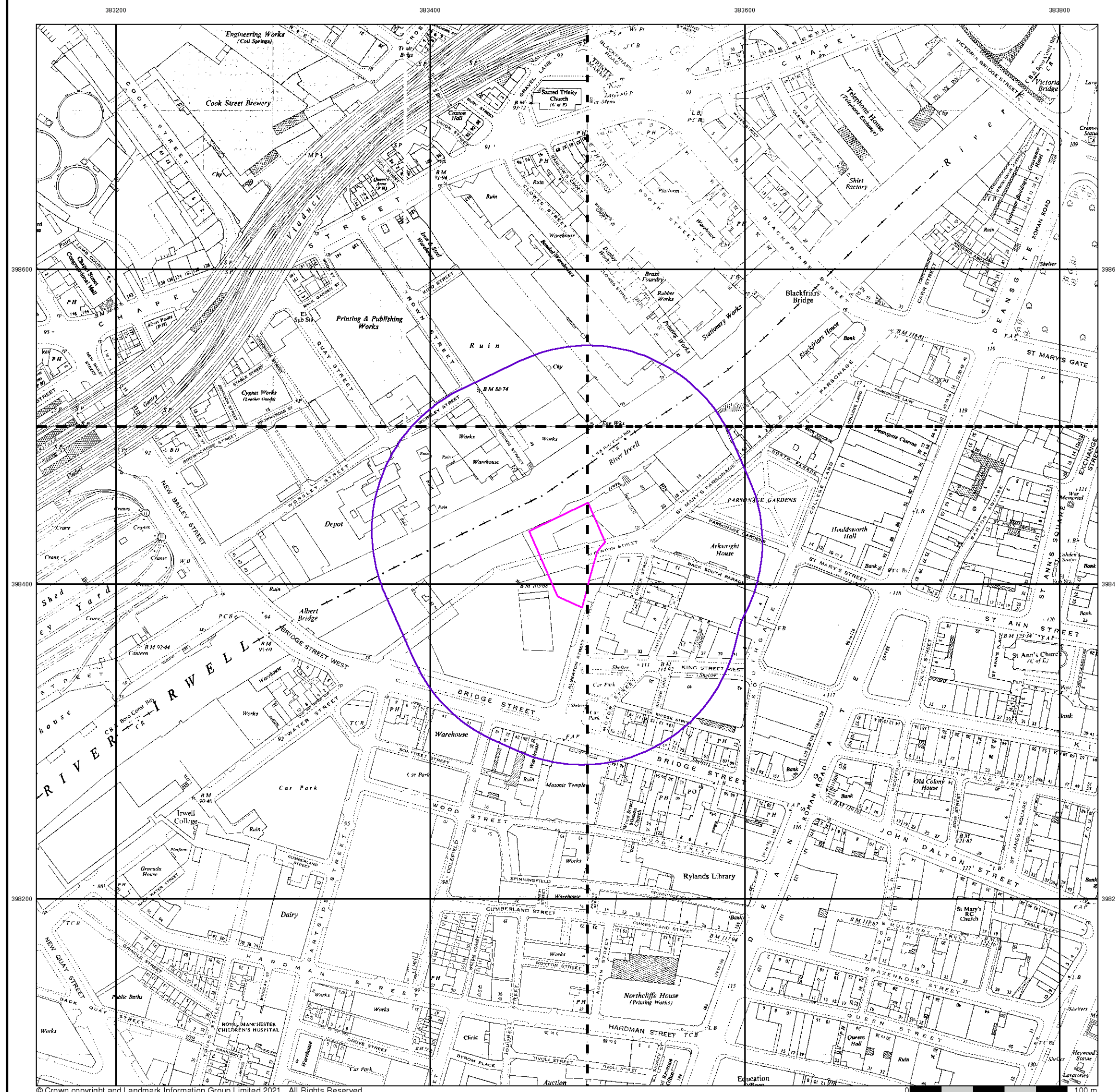
Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

### Site Details

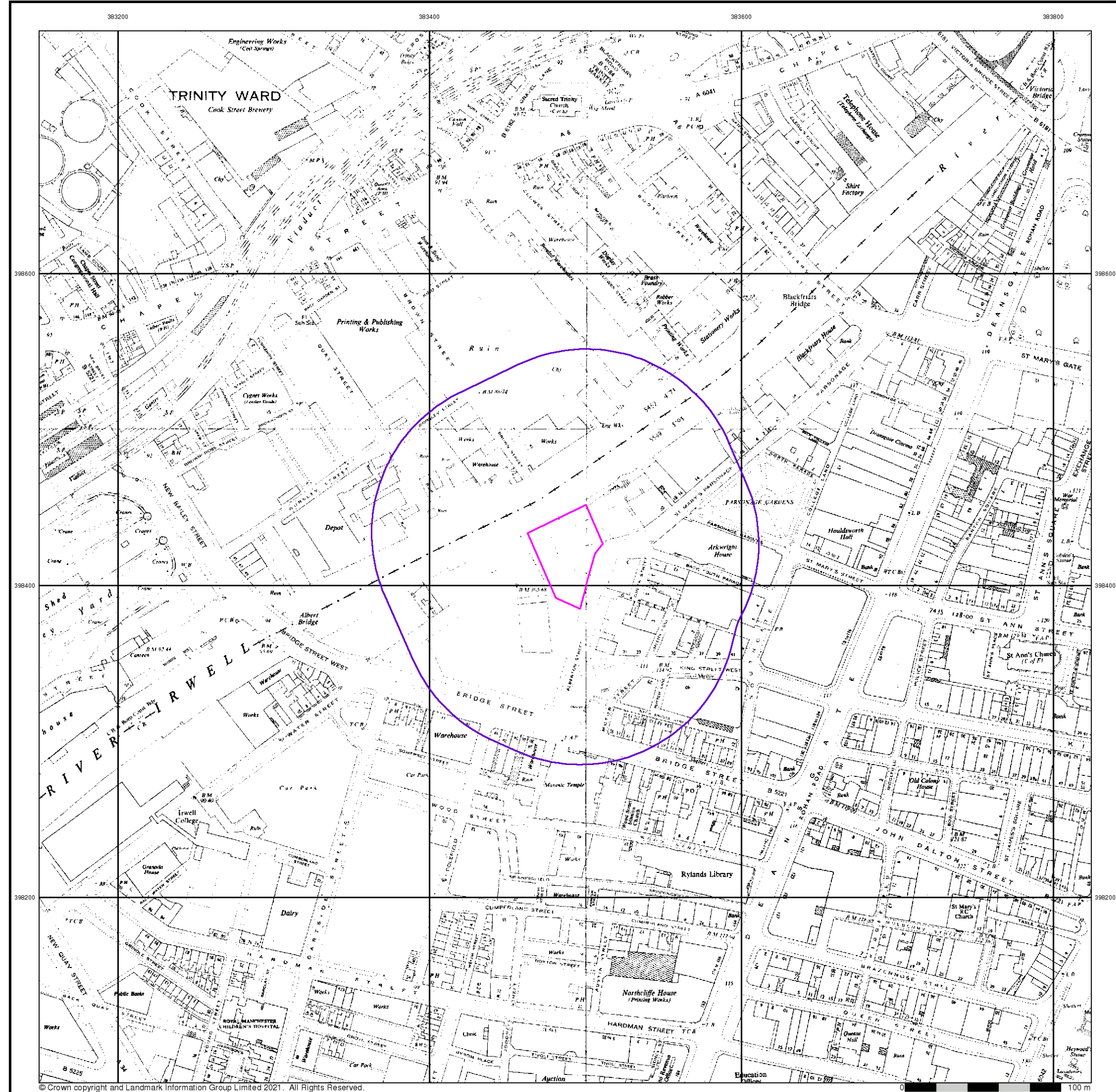
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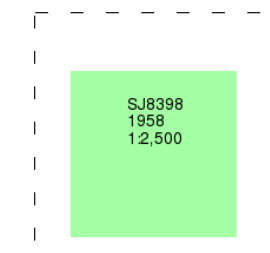
## Ordnance Survey Plan

Published 1958

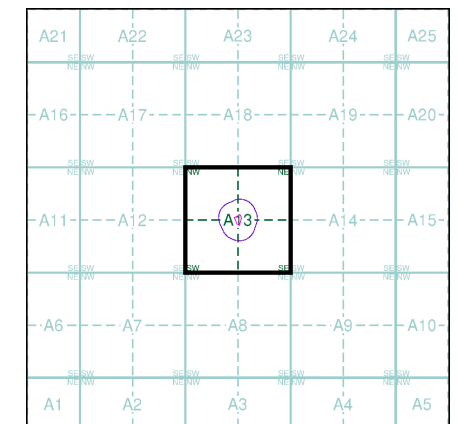
Source map scale - 1:2,500

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

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



## Historical Map - Segment A13



## Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

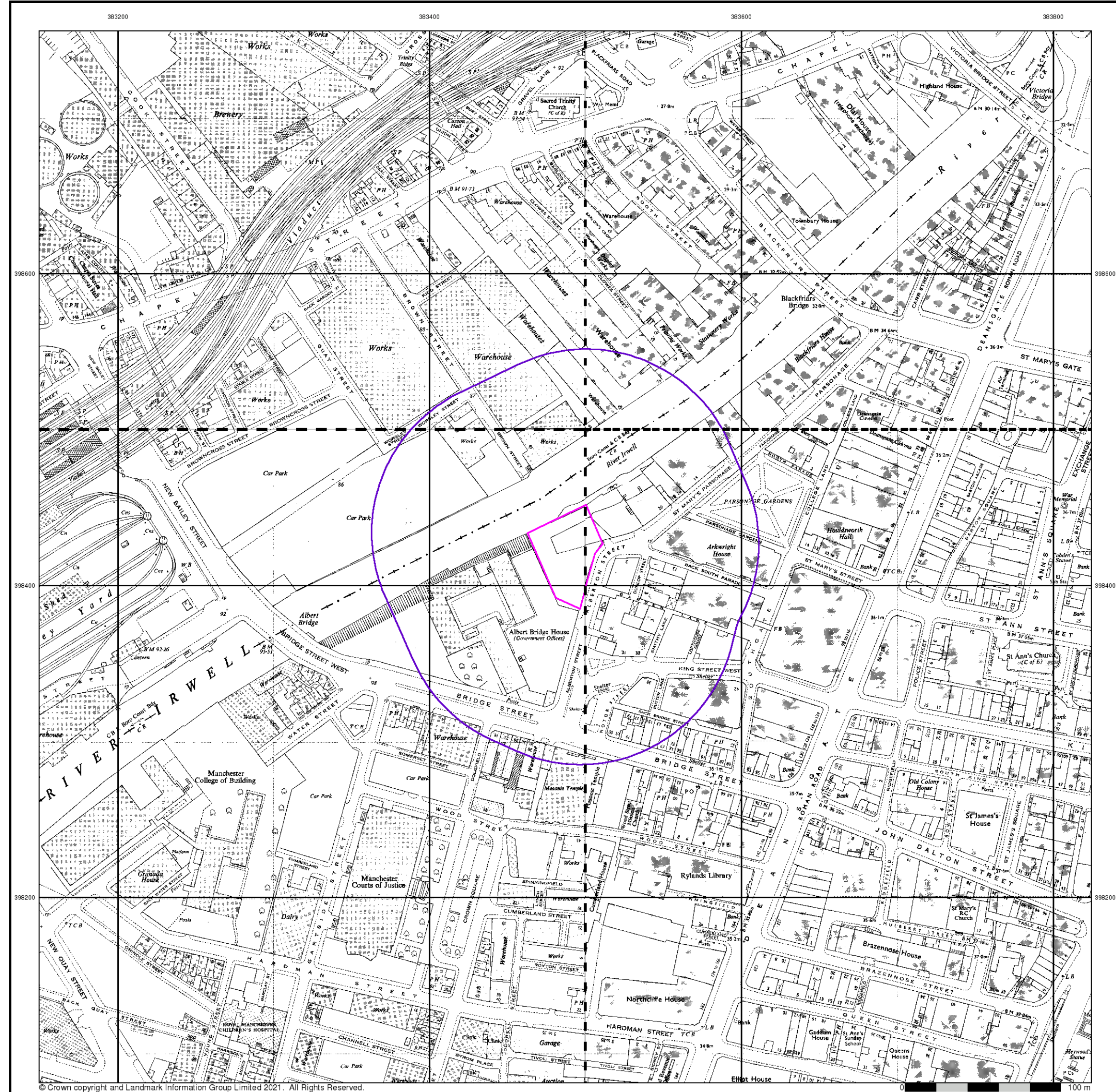
## Site Details

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## Ordnance Survey Plan

Published 1962 - 1970

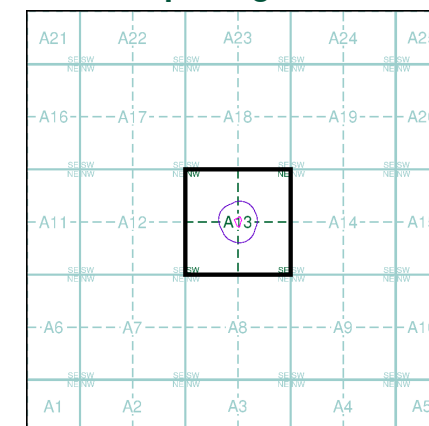
Source map scale - 1:1,250

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

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

|          |          |
|----------|----------|
| SJ8398NW | SJ8398NE |
| 1962     | 1970     |
| 1:1,250  | 1:1,250  |
| SJ8398SW | SJ8398SE |
| 1962     | 1970     |
| 1:1,250  | 1:1,250  |

## Historical Map - Segment A13



## Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

## Site Details

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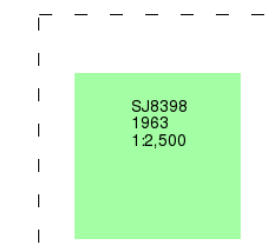
## Ordnance Survey Plan

Published 1963

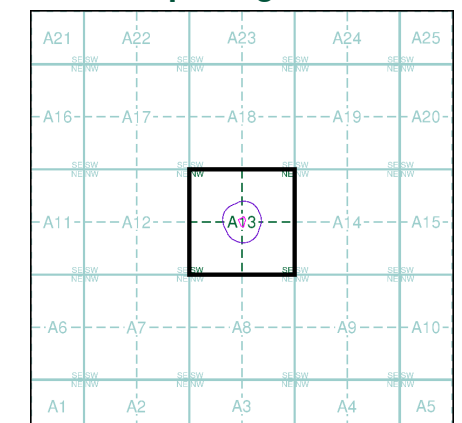
Source map scale - 1:2,500

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

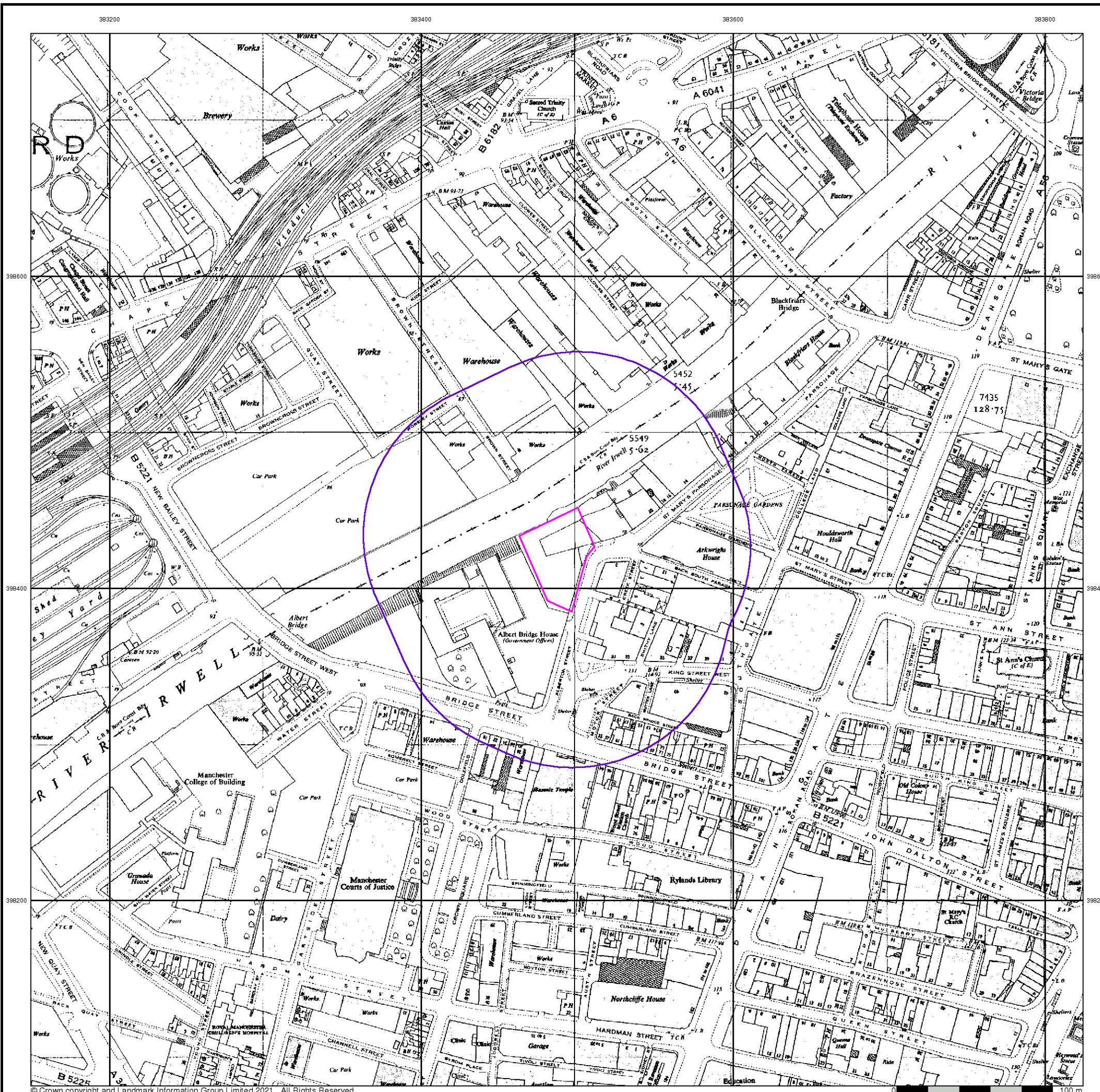
Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

### Site Details

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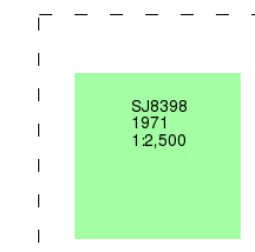
## Ordnance Survey Plan

Published 1971

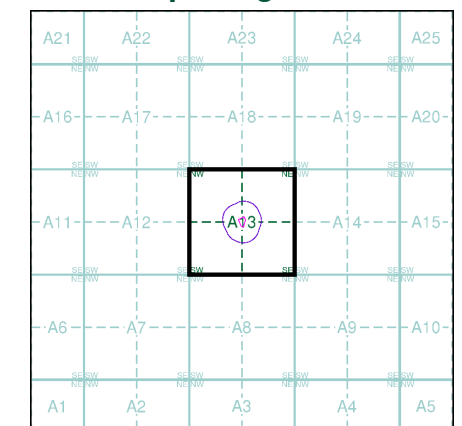
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

### Site Details

Alberton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ



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Fax: 0844 844 9951  
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## Ordnance Survey Plan

Published 1973 - 1989

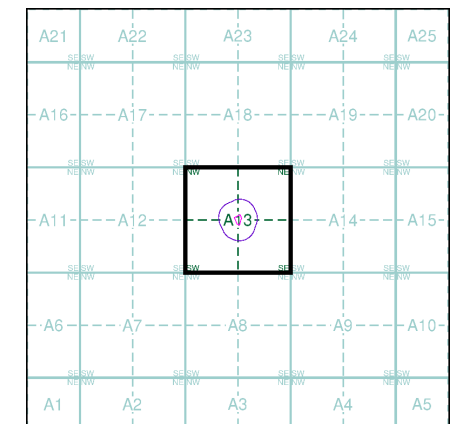
Source map scale - 1:1,250

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)

|                             |                             |
|-----------------------------|-----------------------------|
| SJ8398NW<br>1988<br>1:1,250 | SJ8398NE<br>1989<br>1:1,250 |
| SJ8398SW<br>1973<br>1:1,250 |                             |

### Historical Map - Segment A13



### Order Details

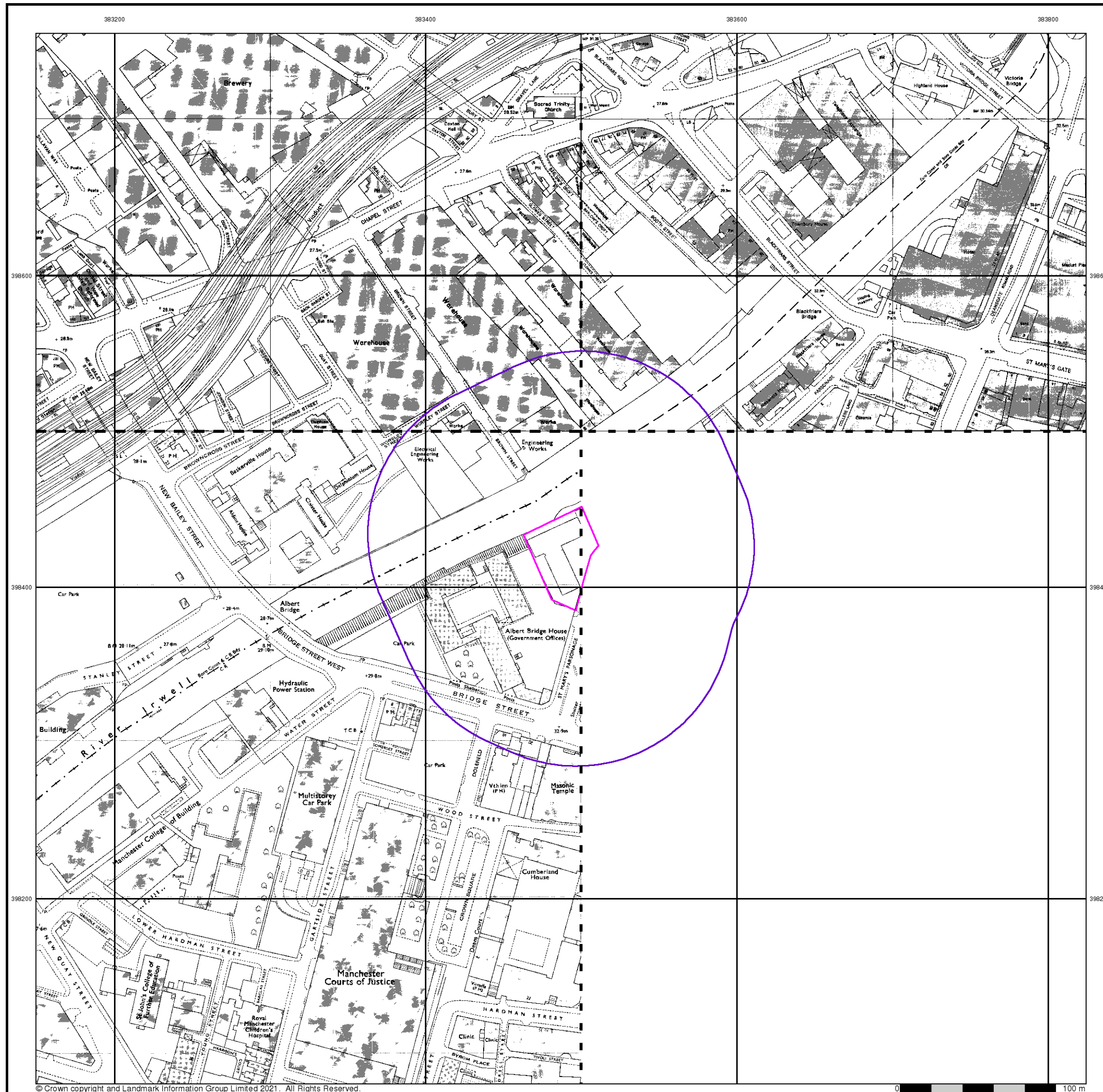
Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

### Site Details

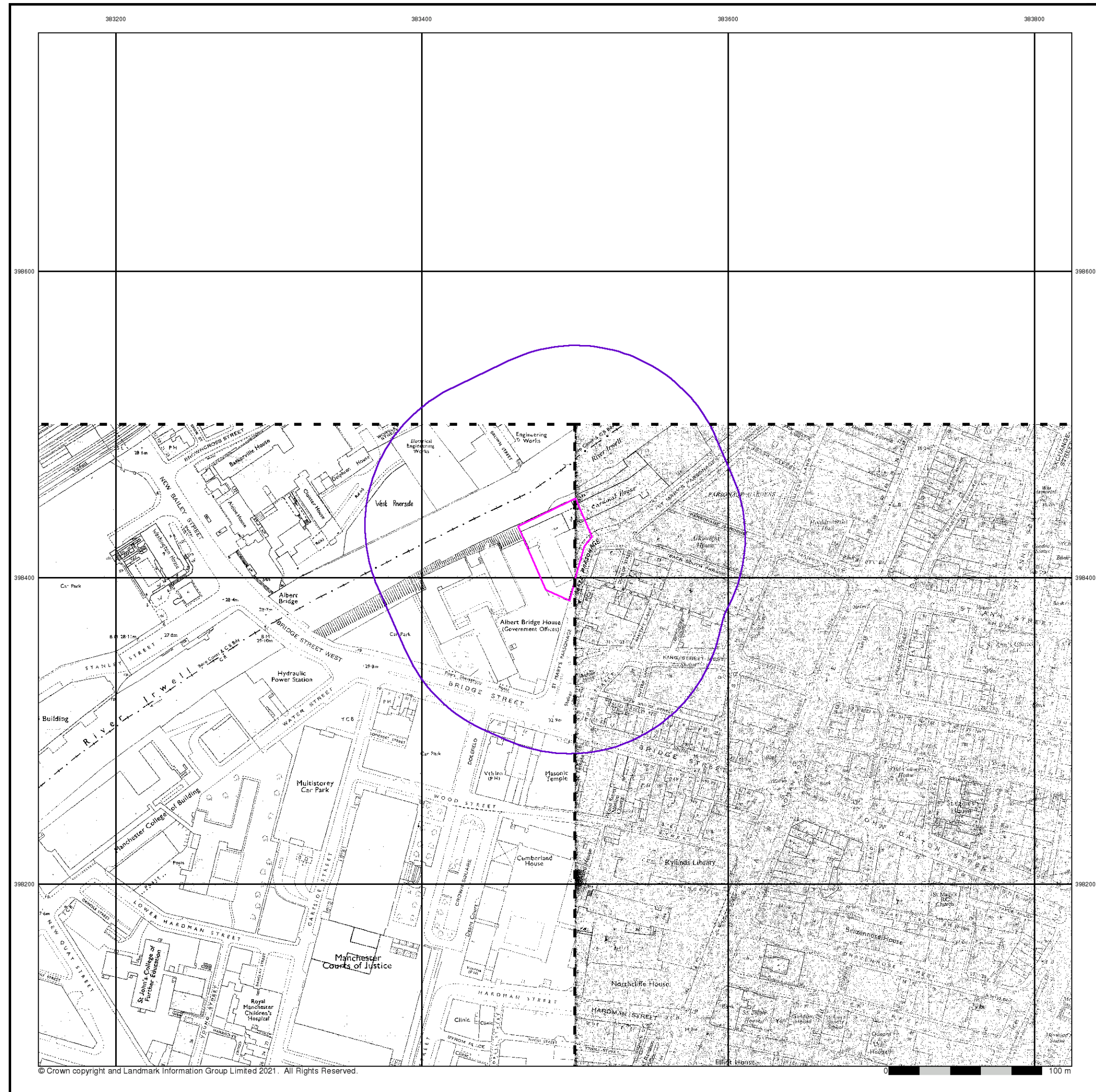
Alberton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ

**Landmark**  
INFORMATION GROUP

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





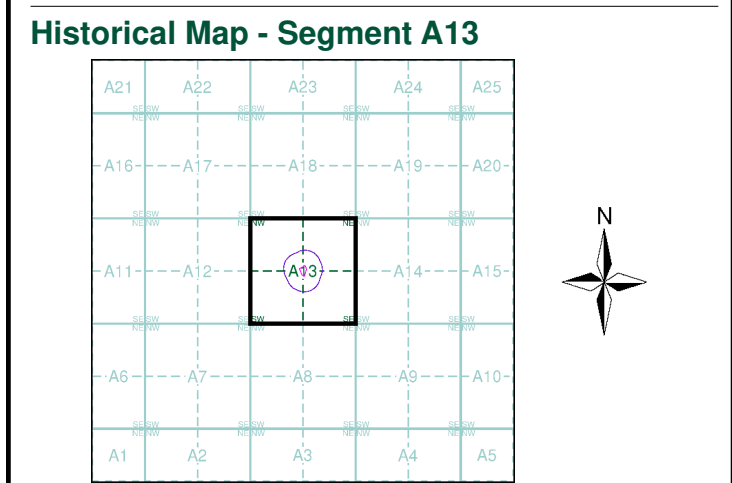
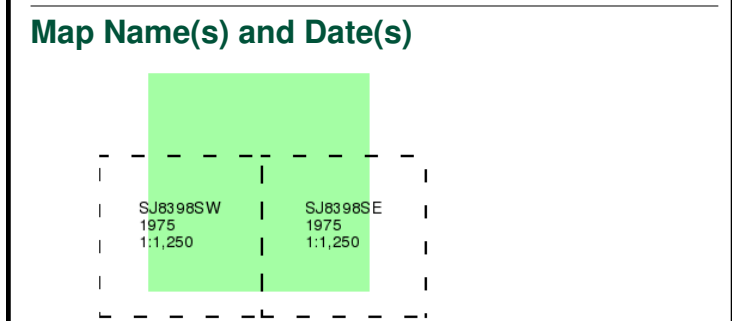


**Supply of Unpublished Survey Information**

**Published 1975**

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

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



**Order Details**

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

**Site Details**

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## Additional SIMs

Published 1979 - 1984

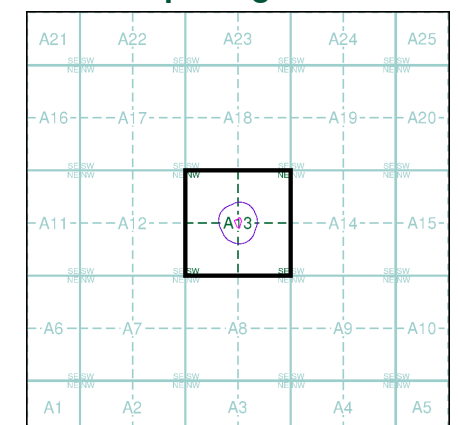
Source map scale - 1:1,250

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)

|                             |                             |
|-----------------------------|-----------------------------|
| SJ8398NW<br>1980<br>1:1,250 | SJ8398NE<br>1979<br>1:1,250 |
| SJ8398SW<br>1984<br>1:1,250 | SJ8398SE<br>1980<br>1:1,250 |

## Historical Map - Segment A13



## Order Details

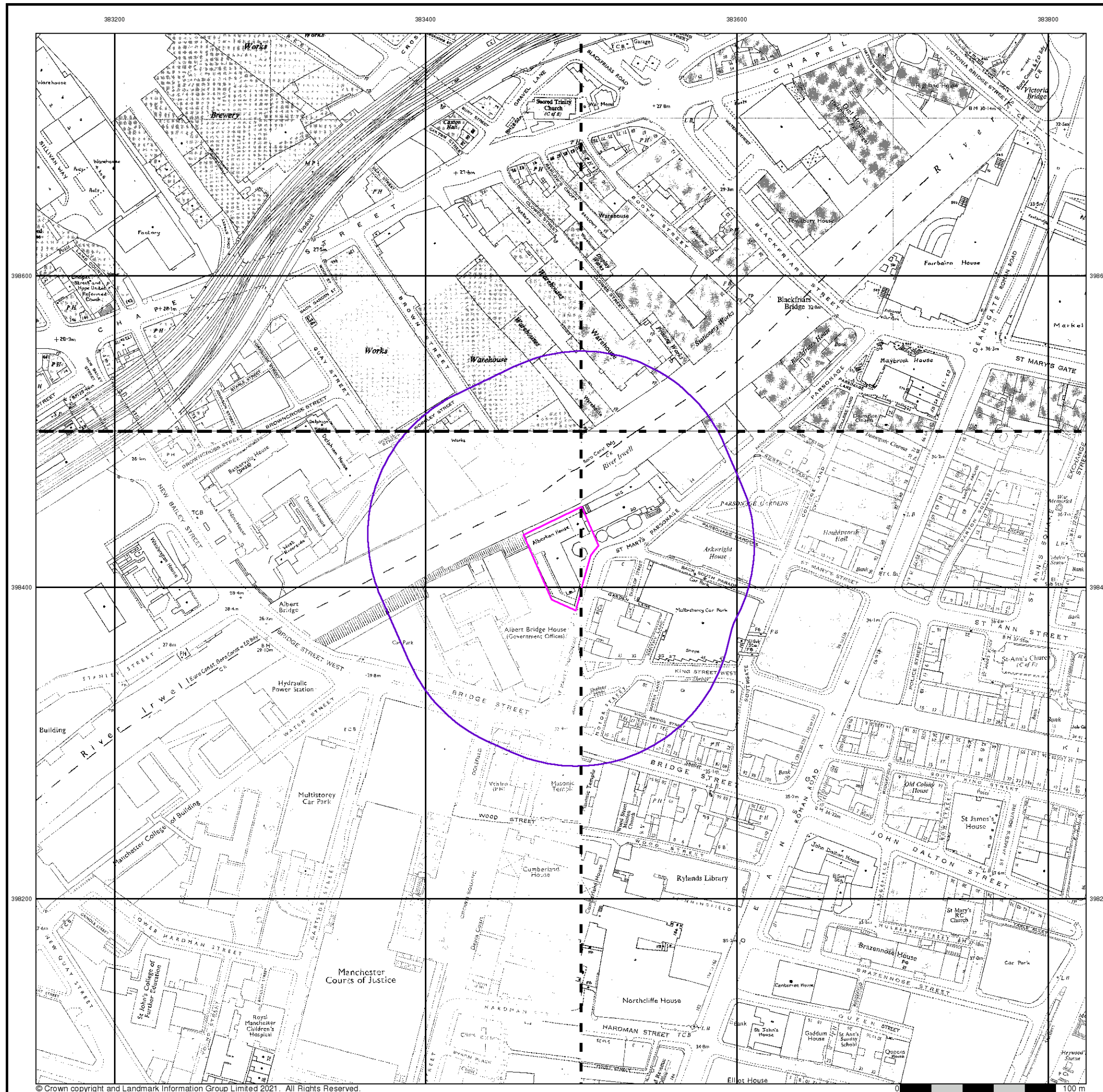
Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

## Site Details

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**Landmark**  
INFORMATION GROUP

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## Additional SIMs

Published 1985 - 1990

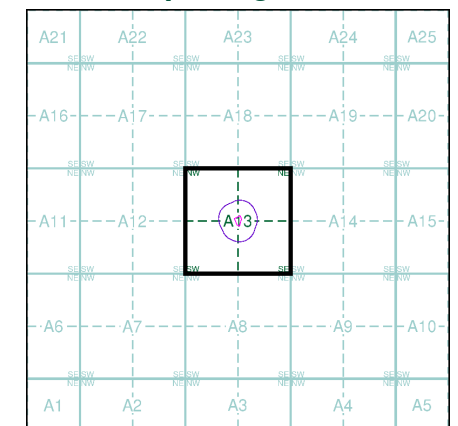
Source map scale - 1:1,250

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

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

|                             |                             |
|-----------------------------|-----------------------------|
| SJ8398NW<br>1987<br>1:1,250 | SJ8398NE<br>1985<br>1:1,250 |
| SJ8398SW<br>1990<br>1:1,250 | SJ8398SE<br>1986<br>1:1,250 |

## Historical Map - Segment A13



## Order Details

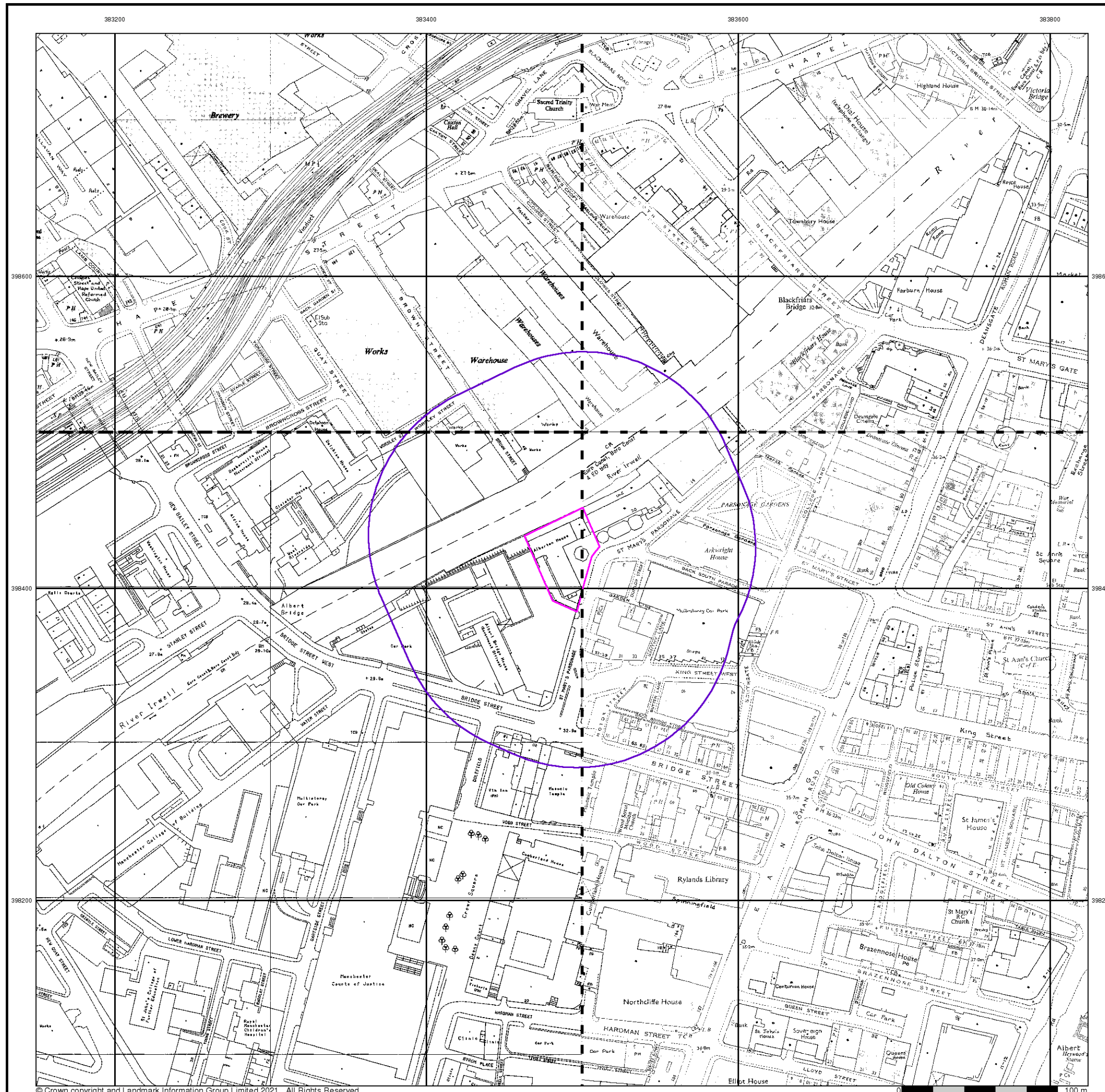
Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

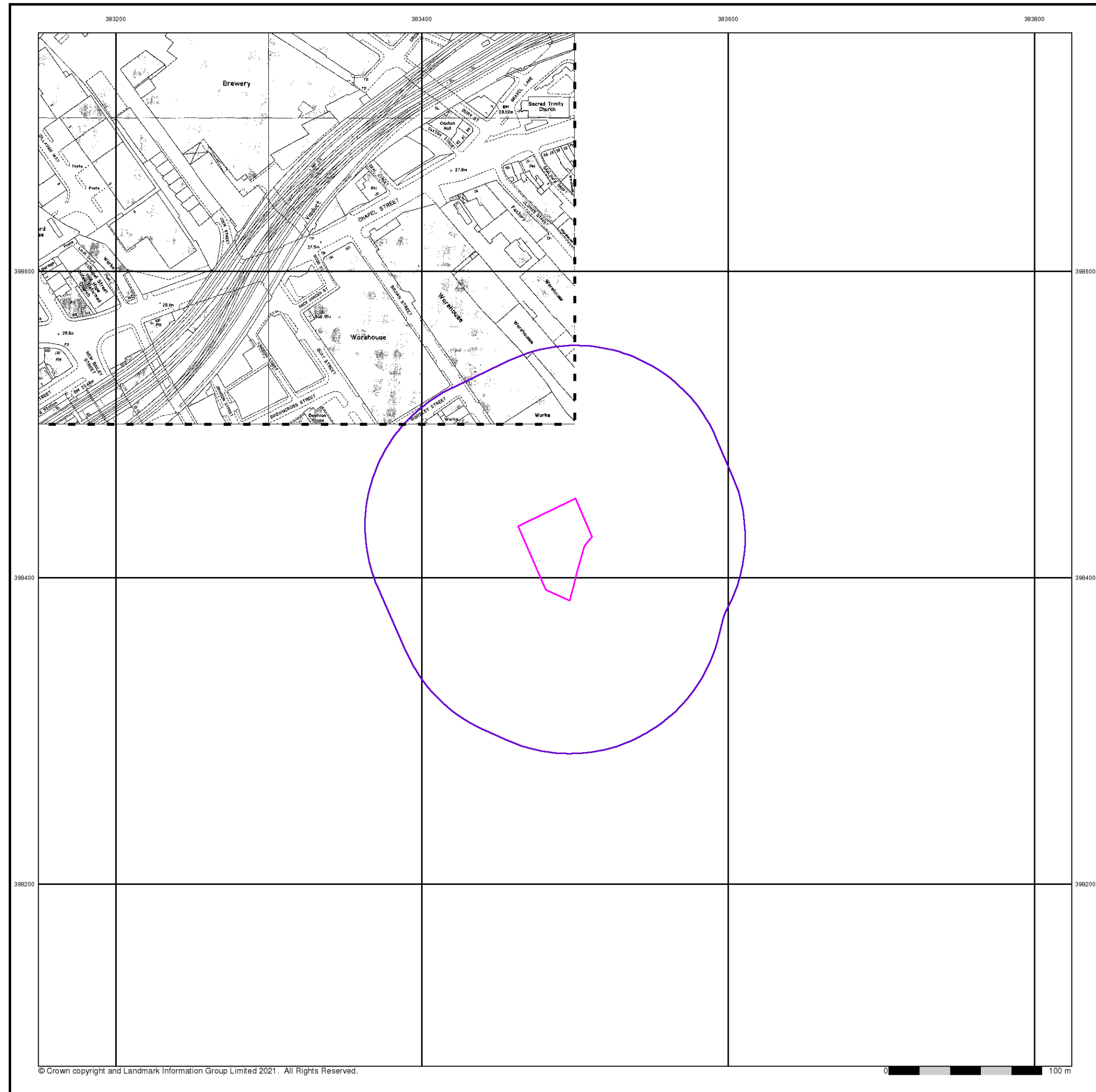
## Site Details

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### Additional SIMs

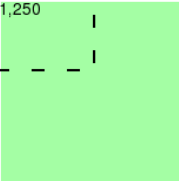
**Published 1988**

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

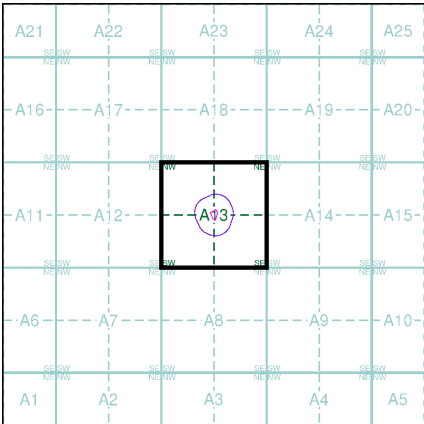
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps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

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

SJ8398NW  
1988  
1:1,250



### Historical Map - Segment A13



### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 283717644_1_1  |
| Customer Ref:            | 077764         |
| National Grid Reference: | 383490, 398420 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.19           |
| Search Buffer (m):       | 100            |

### Site Details

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**Additional SIMs**  
**Published 1990**  
**Source map scale - 1:1,250**

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

**Map Name(s) and Date(s)**

SJ8398NW  
1990  
1:1,250

**Historical Map - Segment A13**

|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| A21   | A22   | A23   | A24   | A25   |
| SE NW | SE NW | SE NW | SE NW | SE NW |
| A16   | A17   | A18   | A19   | A20   |
| SE NW | SE NW | SE NW | SE NW | SE NW |
| A11   | A12   | A13   | A14   | A15   |
| SE NW | SE NW | SE NW | SE NW | SE NW |
| A6    | A7    | A8    | A9    | A10   |
| SE NW | SE NW | SE NW | SE NW | SE NW |
| A1    | A2    | A3    | A4    | A5    |

**Order Details**  
Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

**Site Details**  
Alberton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ





## Large-Scale National Grid Data

Published 1992

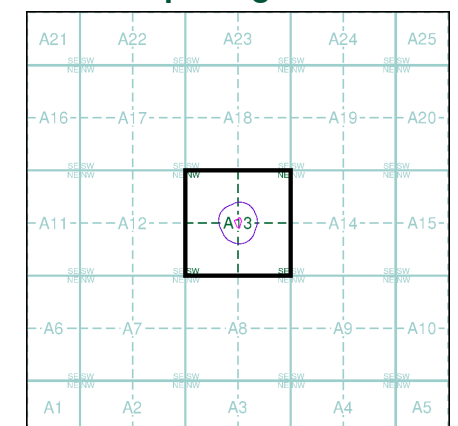
Source map scale - 1:1,250

'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)

|                             |                             |
|-----------------------------|-----------------------------|
| SJ8398NW<br>1992<br>1:1,250 | SJ8398NE<br>1992<br>1:1,250 |
| SJ8398SW<br>1992<br>1:1,250 | SJ8398SE<br>1992<br>1:1,250 |

### Historical Map - Segment A13



### Order Details

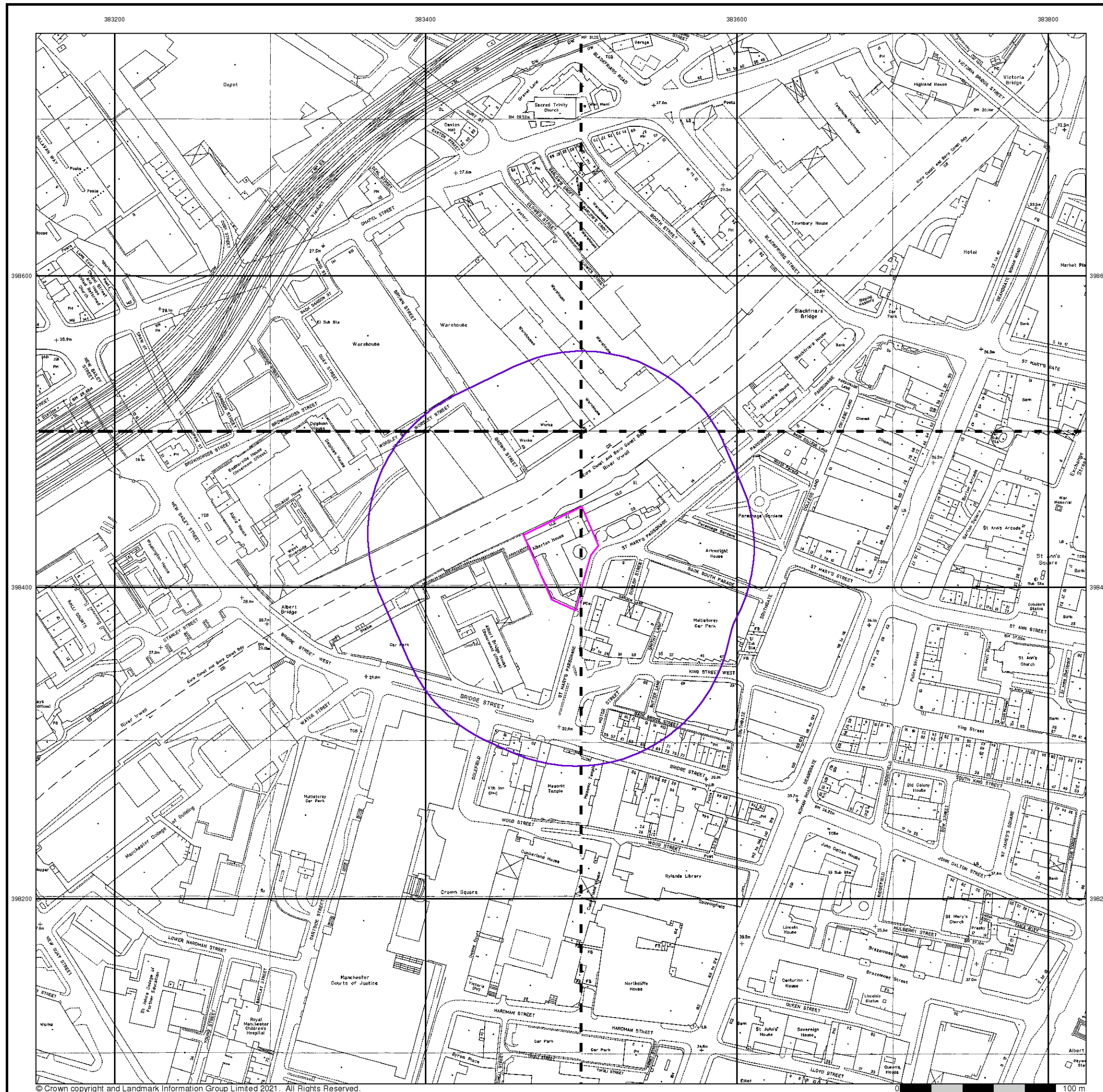
Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

### Site Details

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**Landmark**  
INFORMATION GROUP

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## Large-Scale National Grid Data

Published 1994

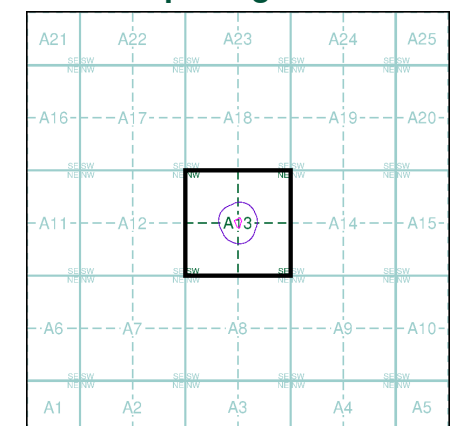
Source map scale - 1:1,250

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

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

|                             |                             |
|-----------------------------|-----------------------------|
| SJ8398NW<br>1994<br>1:1,250 | SJ8398NE<br>1994<br>1:1,250 |
| SJ8398SW<br>1994<br>1:1,250 |                             |

### Historical Map - Segment A13



### Order Details

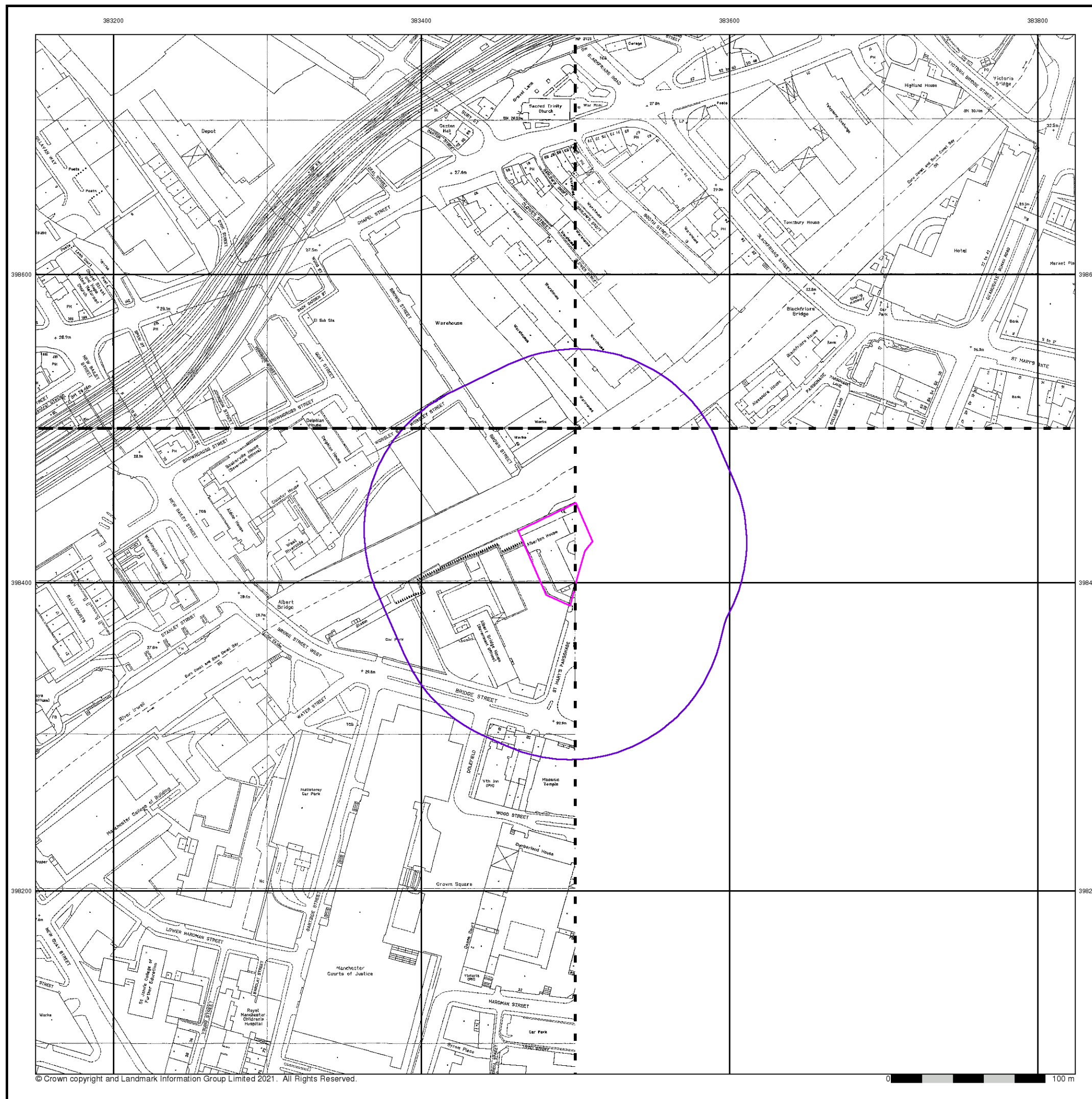
Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

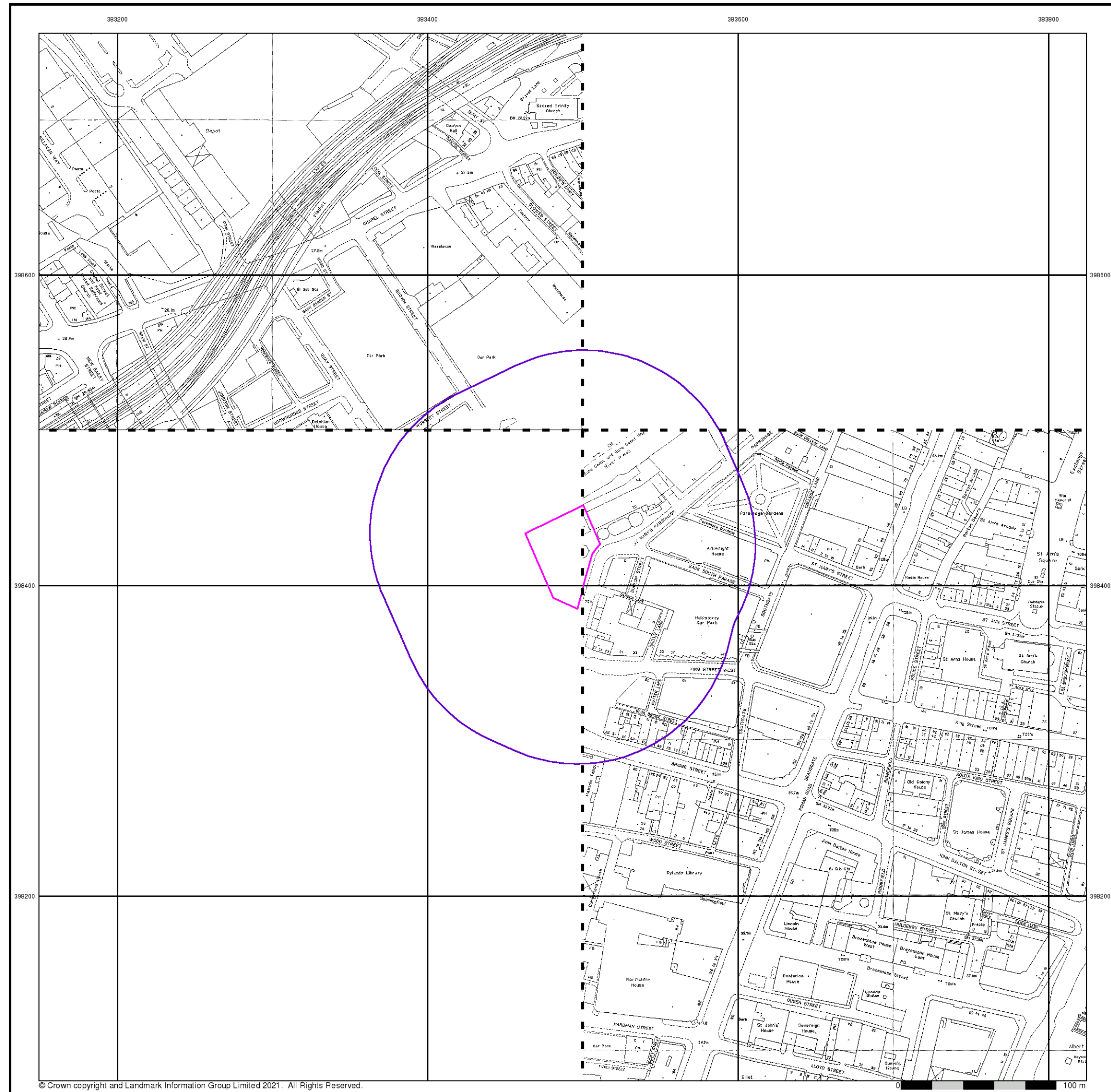
### Site Details

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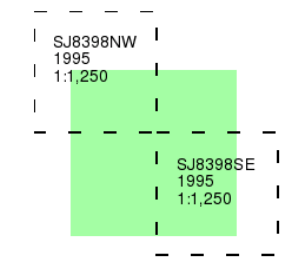
## Large-Scale National Grid Data

Published 1995

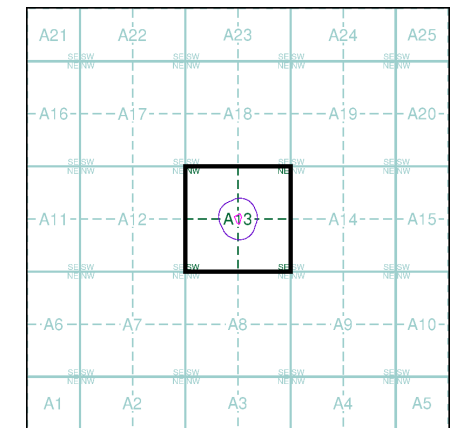
Source map scale - 1:1,250

'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



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

### Site Details

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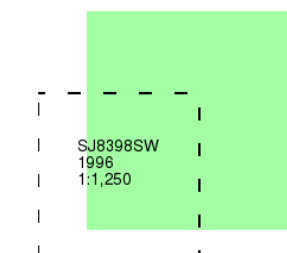
## Large-Scale National Grid Data

Published 1996

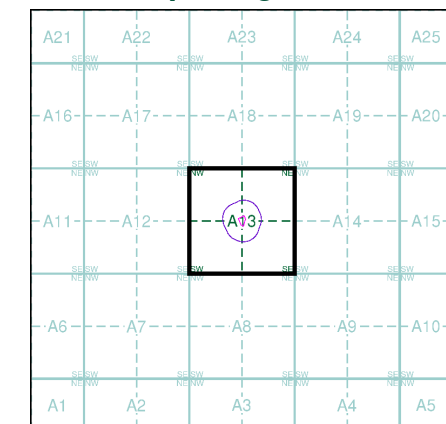
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

### Site Details

Alberton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ

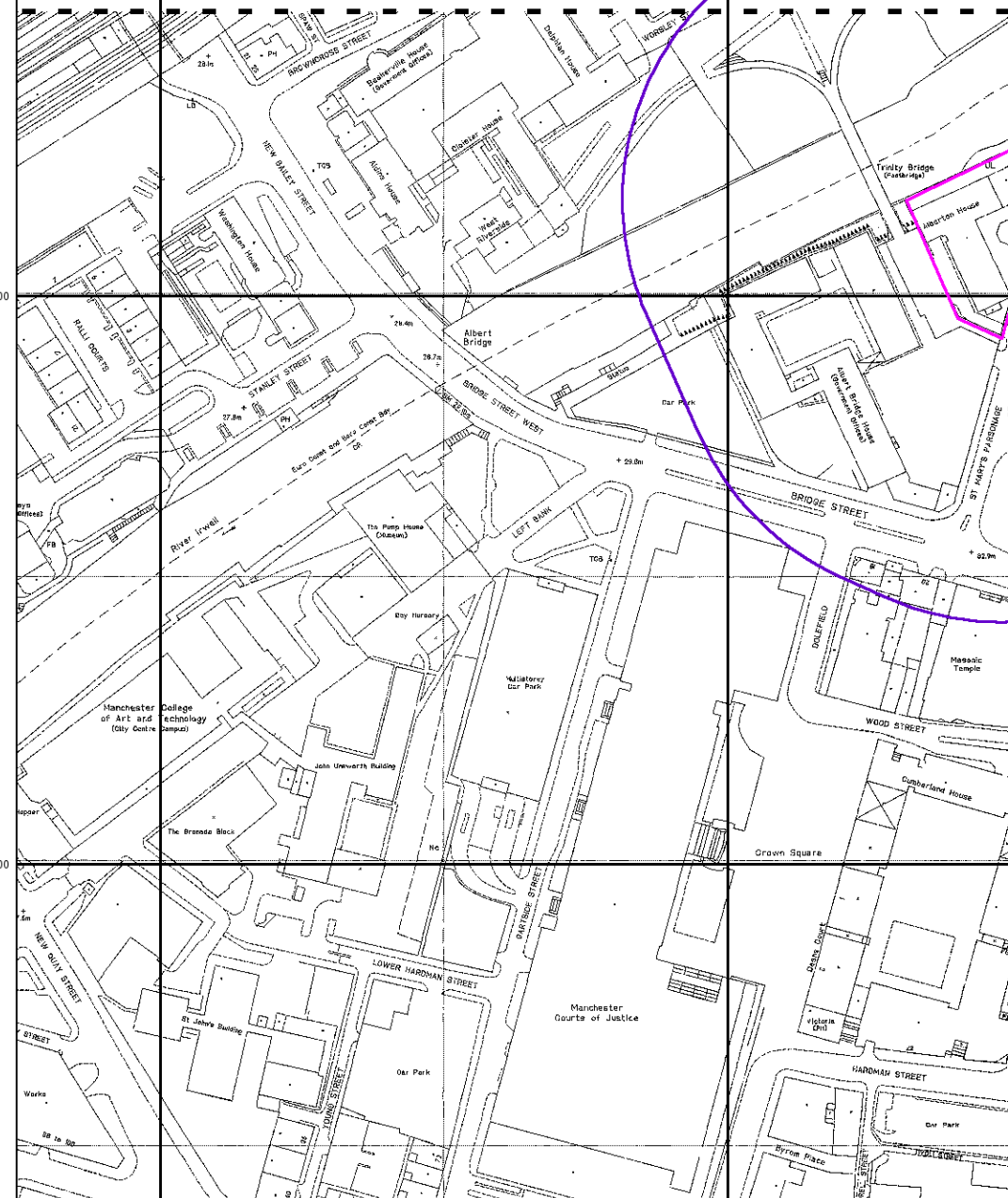


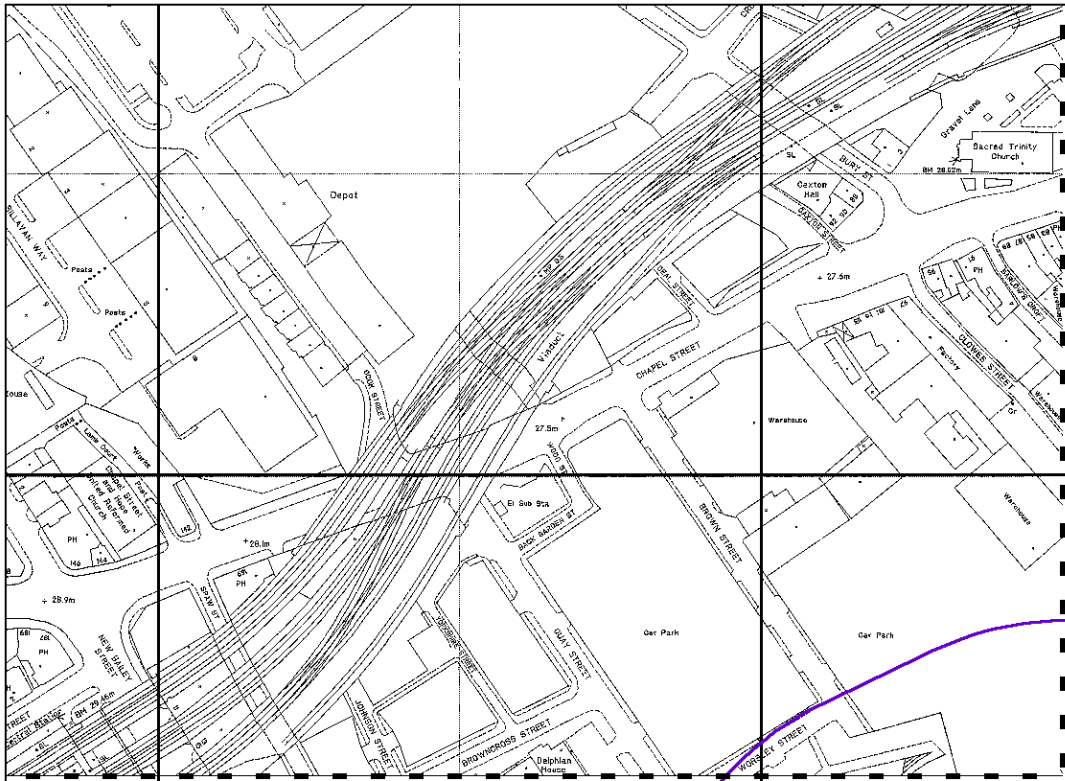
Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk

398600

398400

398200





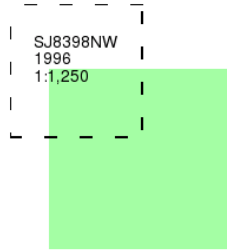
Large-Scale National Grid Data

Published 1996

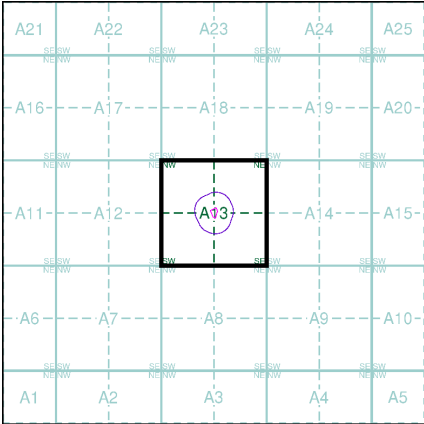
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

Site Details

Alborton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ



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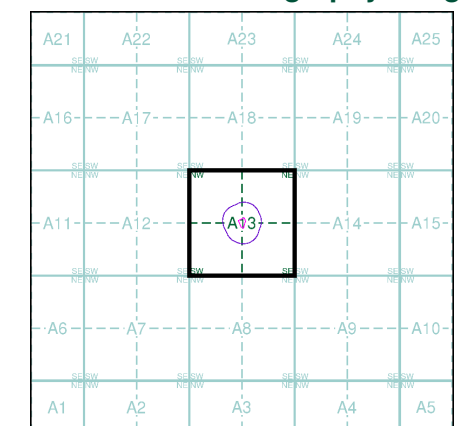


## Historical Aerial Photography

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



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 100

### Site Details

Alberton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ

**Landmark**  
INFORMATION GROUP

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# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

|  |                                               |  |                             |  |               |
|--|-----------------------------------------------|--|-----------------------------|--|---------------|
|  | Gravel Pit                                    |  | Sand Pit                    |  | Other Pits    |
|  | Quarry                                        |  | Shingle                     |  | Orchard       |
|  | Osiers                                        |  | Reeds                       |  | Marsh         |
|  | Mixed Wood                                    |  | Deciduous                   |  | Brushwood     |
|  | Fir                                           |  | Furze                       |  | Rough Pasture |
|  | Arrow denotes flow of water                   |  | Trigonometrical Station     |  |               |
|  | Site of Antiquities                           |  | Bench Mark                  |  |               |
|  | Pump, Guide Post, Signal Post                 |  | Well, Spring, Boundary Post |  |               |
|  | •285 Surface Level                            |  |                             |  |               |
|  | Sketched Contour                              |  | Instrumental Contour        |  |               |
|  | Main Roads                                    |  | Minor Roads                 |  |               |
|  | Sunken Road                                   |  | Raised Road                 |  |               |
|  | Road over Railway                             |  | Railway over River          |  |               |
|  | Railway over Road                             |  | Level Crossing              |  |               |
|  | Road over River or Canal                      |  | Road over Stream            |  |               |
|  | Road over Stream                              |  |                             |  |               |
|  | County Boundary (Geographical)                |  |                             |  |               |
|  | County & Civil Parish Boundary                |  |                             |  |               |
|  | Administrative County & Civil Parish Boundary |  |                             |  |               |
|  | County Borough Boundary (England)             |  |                             |  |               |
|  | County Burgh Boundary (Scotland)              |  |                             |  |               |
|  | Rural District Boundary                       |  |                             |  |               |
|  | Civil Parish Boundary                         |  |                             |  |               |

## Ordnance Survey Plan 1:10,000

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

## 1:10,000 Raster Mapping

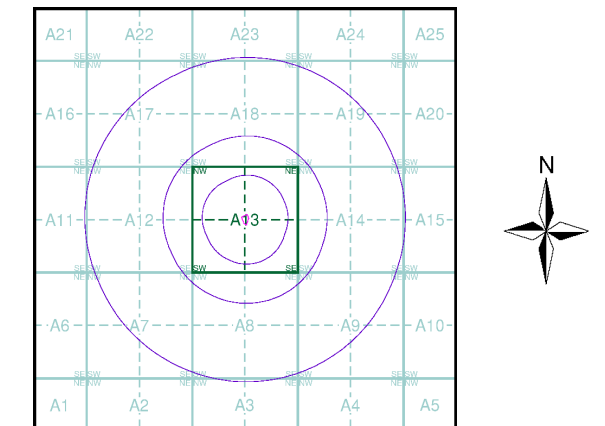
|  |                                                          |  |                                            |
|--|----------------------------------------------------------|--|--------------------------------------------|
|  | Gravel Pit                                               |  | Refuse tip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



## Historical Mapping & Photography included:

| Mapping Type           | Scale    | Date        | Pg |
|------------------------|----------|-------------|----|
| Lancashire And Furness | 1:10,560 | 1848        | 3  |
| Cheshire               | 1:10,560 | 1882        | 4  |
| Lancashire And Furness | 1:10,560 | 1894 - 1896 | 5  |
| Lancashire And Furness | 1:10,560 | 1909        | 6  |
| Lancashire And Furness | 1:10,560 | 1923        | 7  |
| Lancashire And Furness | 1:10,560 | 1931 - 1933 | 8  |
| Lancashire And Furness | 1:10,560 | 1938        | 9  |
| Ordnance Survey Plan   | 1:10,000 | 1956        | 10 |
| Ordnance Survey Plan   | 1:10,000 | 1972        | 11 |
| Manchester             | 1:25,000 | 1975        | 12 |
| Ordnance Survey Plan   | 1:10,000 | 1980        | 13 |
| Ordnance Survey Plan   | 1:10,000 | 1985        | 14 |
| Ordnance Survey Plan   | 1:10,000 | 1989        | 15 |
| Ordnance Survey Plan   | 1:10,000 | 1994        | 16 |
| 10K Raster Mapping     | 1:10,000 | 1999        | 17 |
| 10K Raster Mapping     | 1:10,000 | 2006        | 18 |
| VectorMap Local        | 1:10,000 | 2021        | 19 |

## Historical Map - Slice A



## Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

## Site Details

Alberton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ

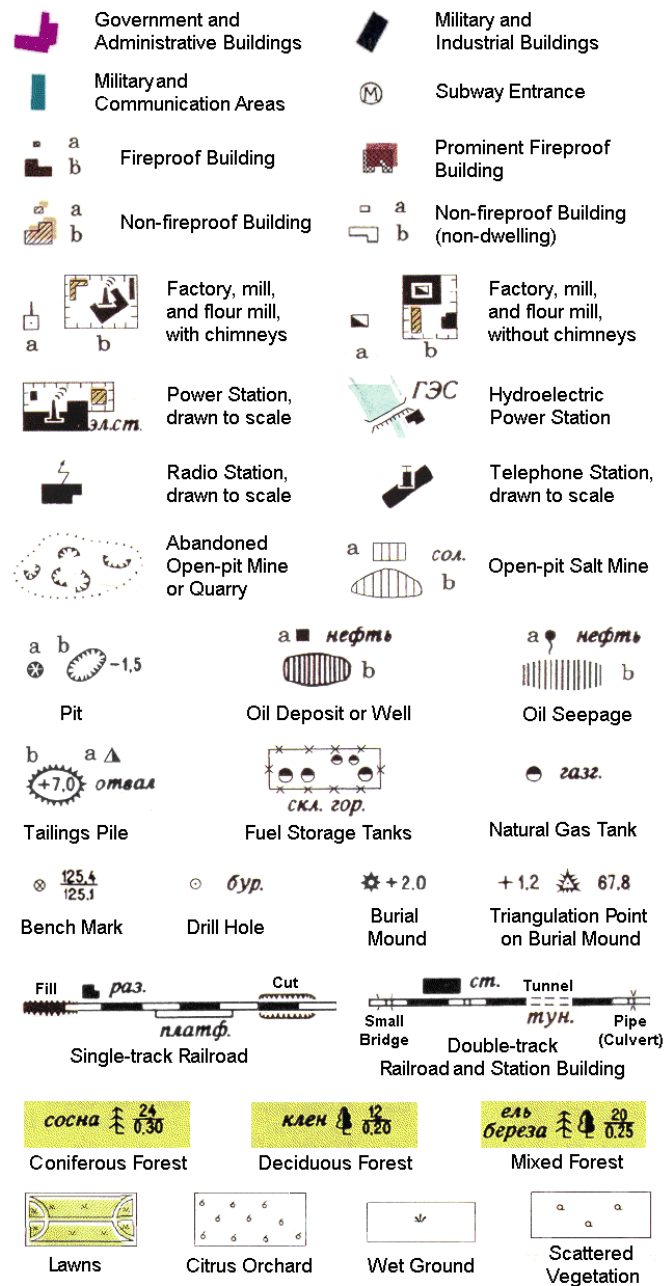
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# Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale



**243.8** Values for prominent elevations

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

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

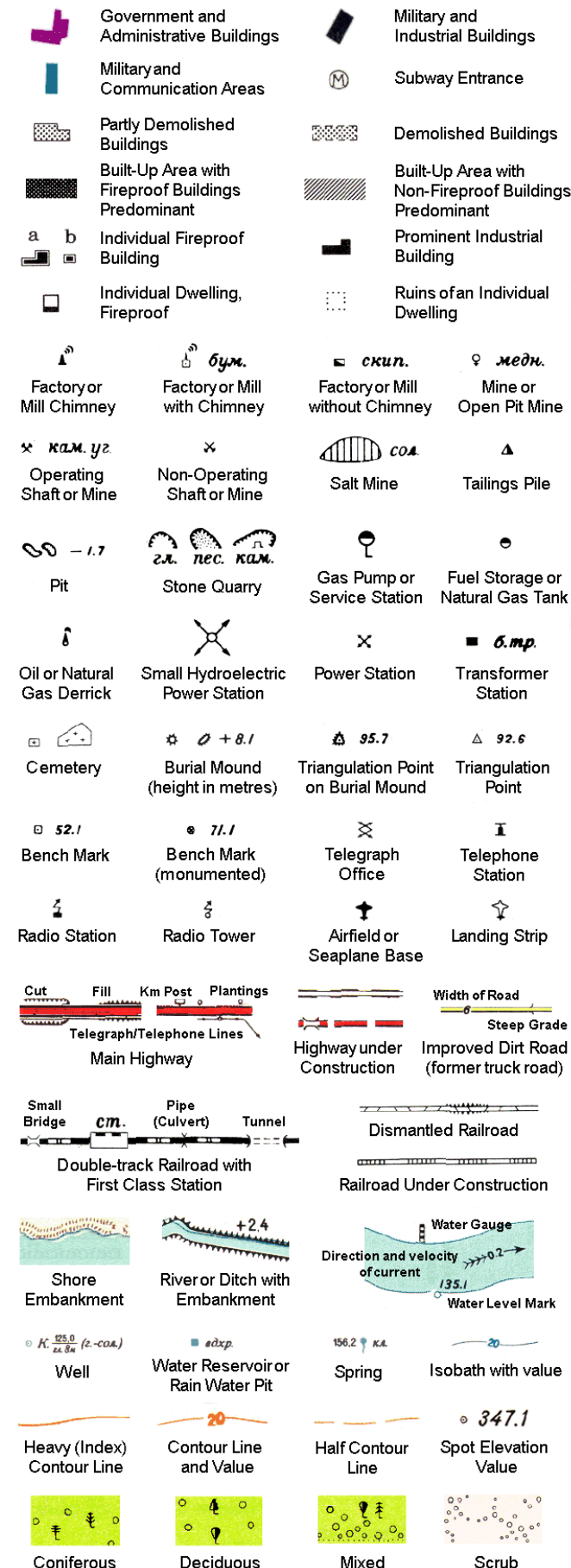
180/12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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

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

## 1:25,000 mapping

a. Not drawn to scale b. Drawn to scale



## Key to Numbers on Mapping

### SJ89\_Manchester

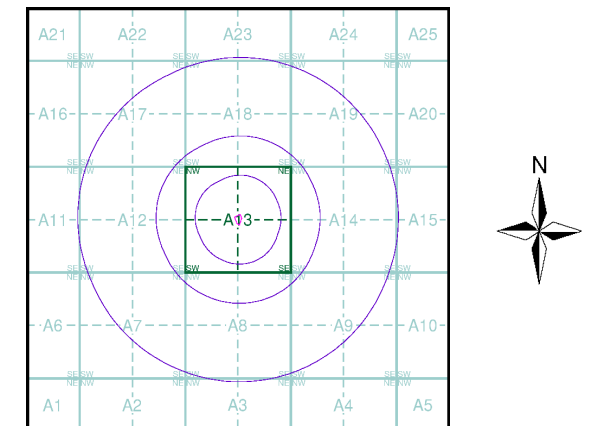
| No. | Description           |
|-----|-----------------------|
| 1   | Airfield/Airport      |
| 6   | Railway Station       |
| 62  | Factory (Gas)         |
| 93  | Factory (Metal Works) |
| 168 | Post Office           |
| 197 | Railway Station       |



## Historical Mapping & Photography included:

| Mapping Type           | Scale    | Date        | Pg |
|------------------------|----------|-------------|----|
| Lancashire And Furness | 1:10,560 | 1848        | 3  |
| Cheshire               | 1:10,560 | 1882        | 4  |
| Lancashire And Furness | 1:10,560 | 1894 - 1896 | 5  |
| Lancashire And Furness | 1:10,560 | 1909        | 6  |
| Lancashire And Furness | 1:10,560 | 1923        | 7  |
| Lancashire And Furness | 1:10,560 | 1931 - 1933 | 8  |
| Lancashire And Furness | 1:10,560 | 1938        | 9  |
| Ordnance Survey Plan   | 1:10,000 | 1956        | 10 |
| Ordnance Survey Plan   | 1:10,000 | 1972        | 11 |
| Manchester             | 1:25,000 | 1975        | 12 |
| Ordnance Survey Plan   | 1:10,000 | 1980        | 13 |
| Ordnance Survey Plan   | 1:10,000 | 1985        | 14 |
| Ordnance Survey Plan   | 1:10,000 | 1989        | 15 |
| Ordnance Survey Plan   | 1:10,000 | 1994        | 16 |
| 10K Raster Mapping     | 1:10,000 | 1999        | 17 |
| 10K Raster Mapping     | 1:10,000 | 2006        | 18 |
| VectorMap Local        | 1:10,000 | 2021        | 19 |

## Russian Map - Slice A



## Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

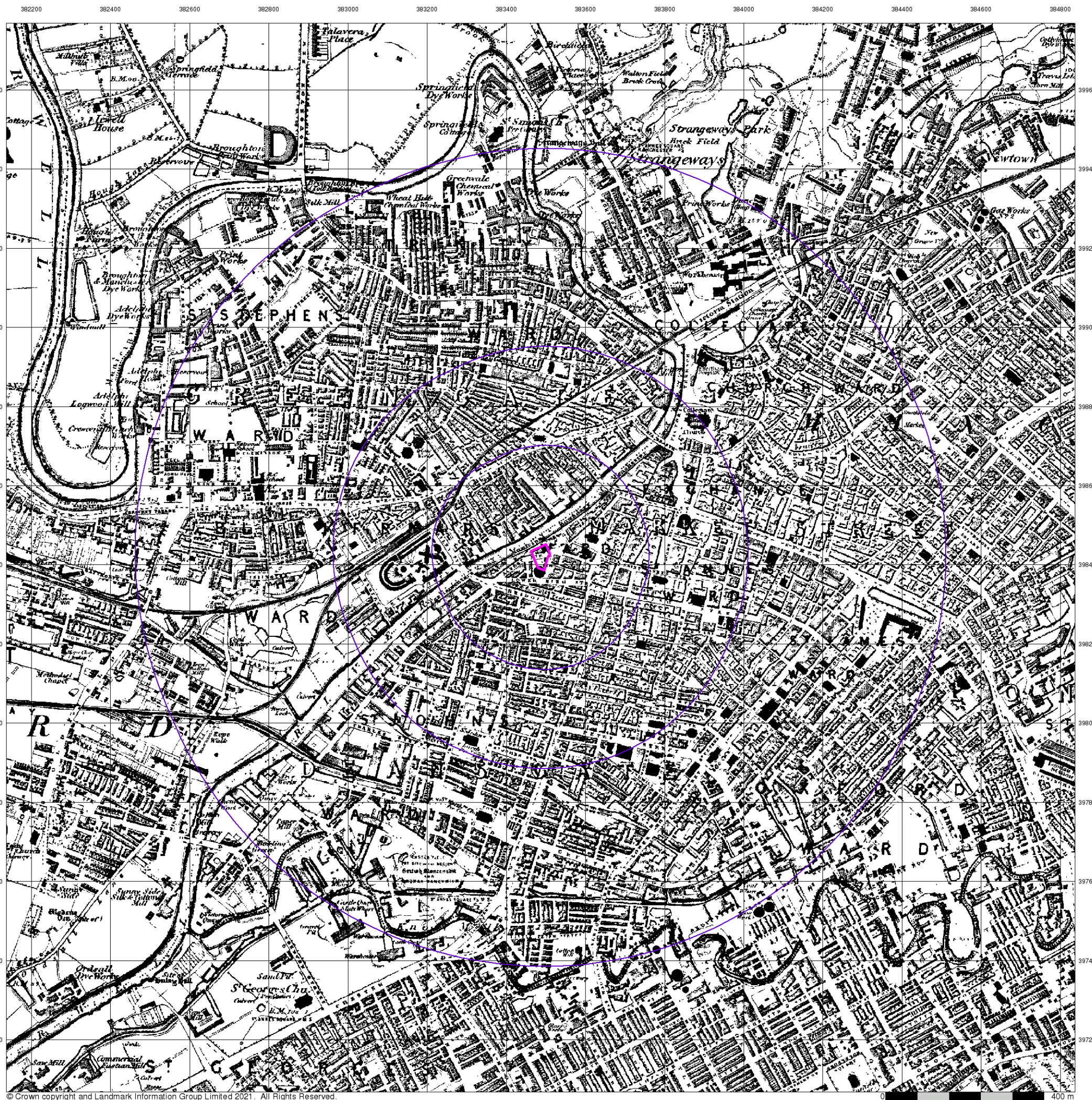
## Site Details

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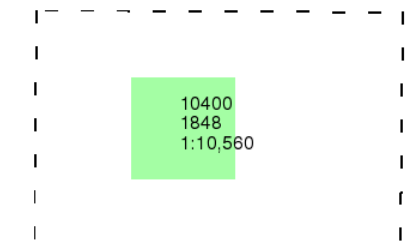
## Lancashire And Furness

Published 1848

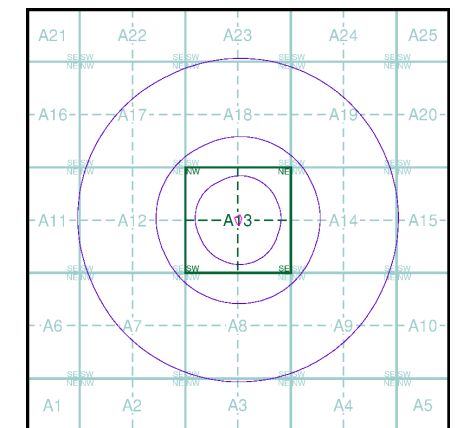
Source map scale - 1:10,560

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

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



### Historical Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

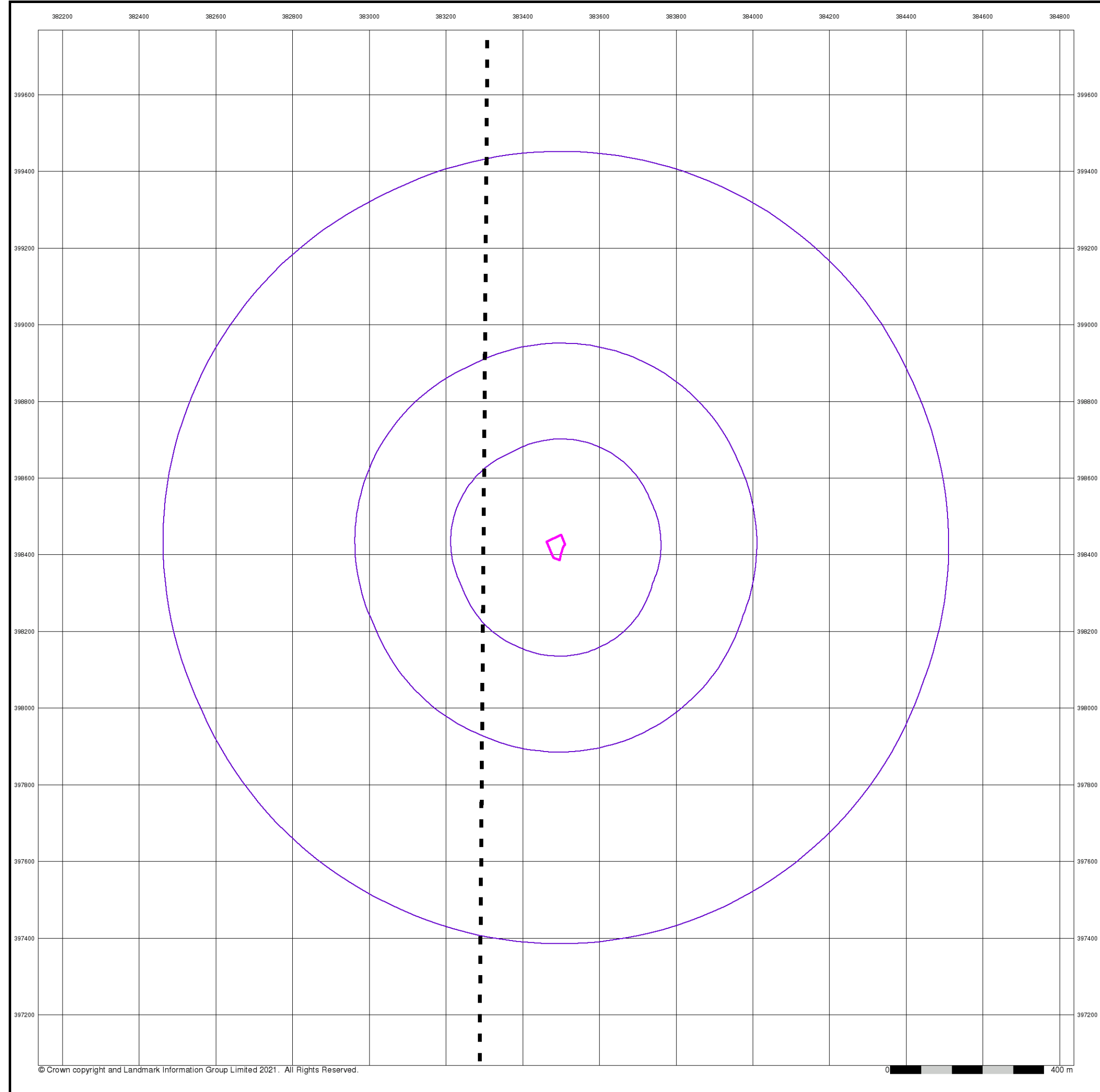
### Site Details

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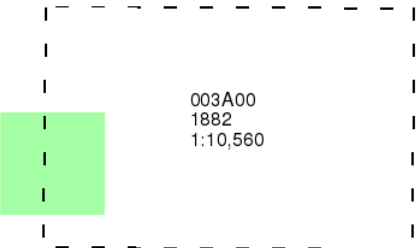
Cheshire

Published 1882

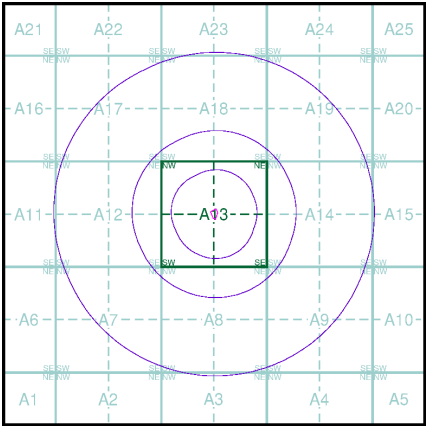
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

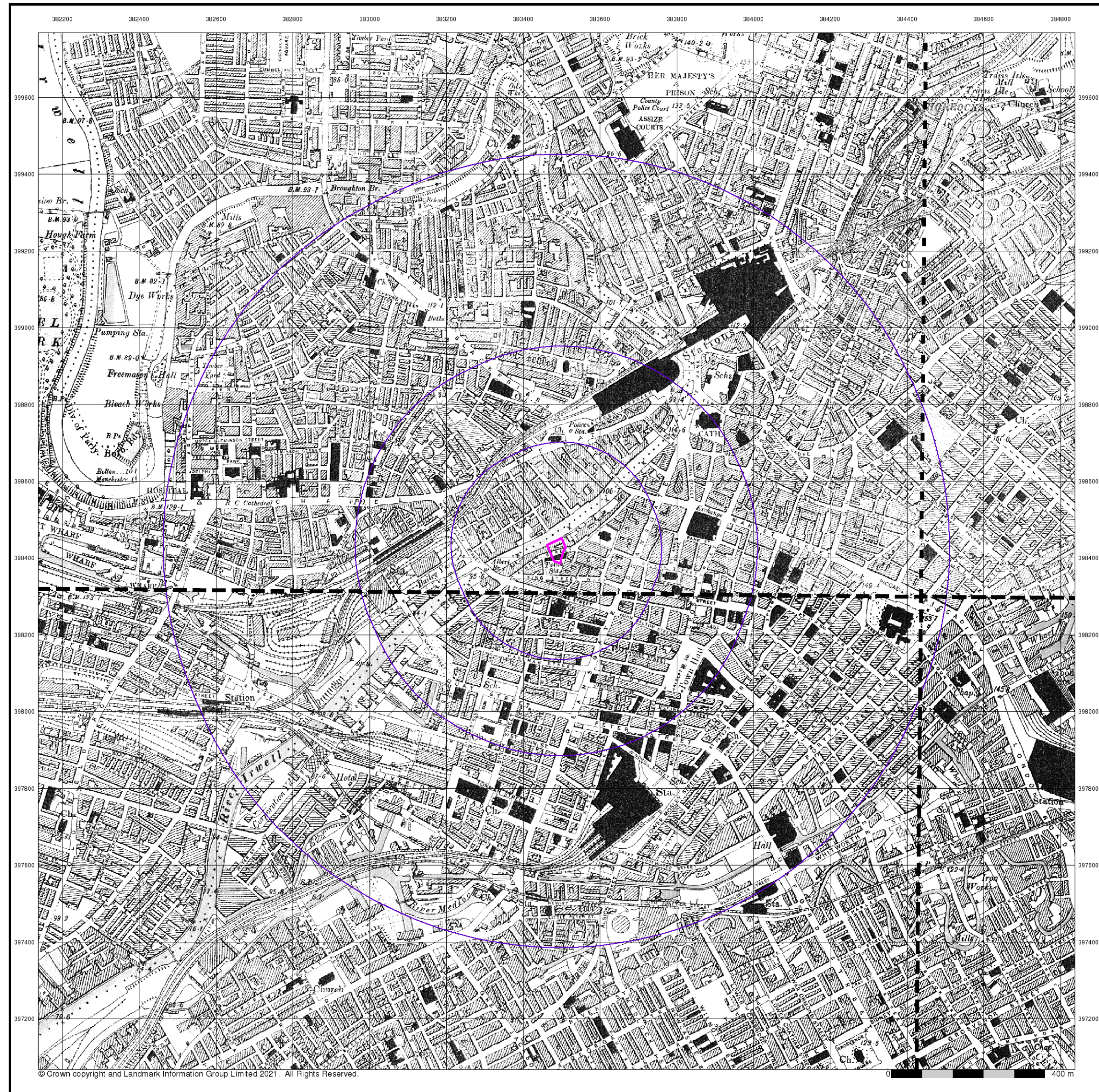
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## Lancashire And Furness

Published 1894 - 1896

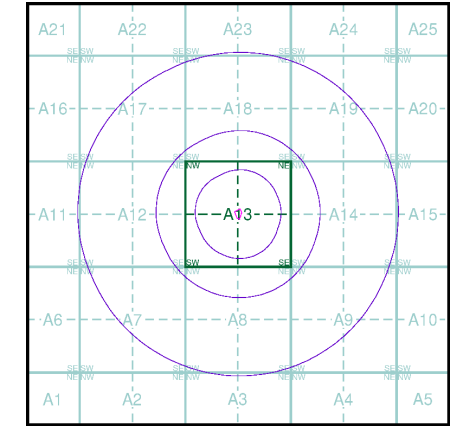
Source map scale - 1:10,560

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)

|                           |                           |
|---------------------------|---------------------------|
| 104NW<br>1894<br>1:10,560 | 104NE<br>1894<br>1:10,560 |
| 104SW<br>1896<br>1:10,560 | 104SE<br>1894<br>1:10,560 |

### Historical Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

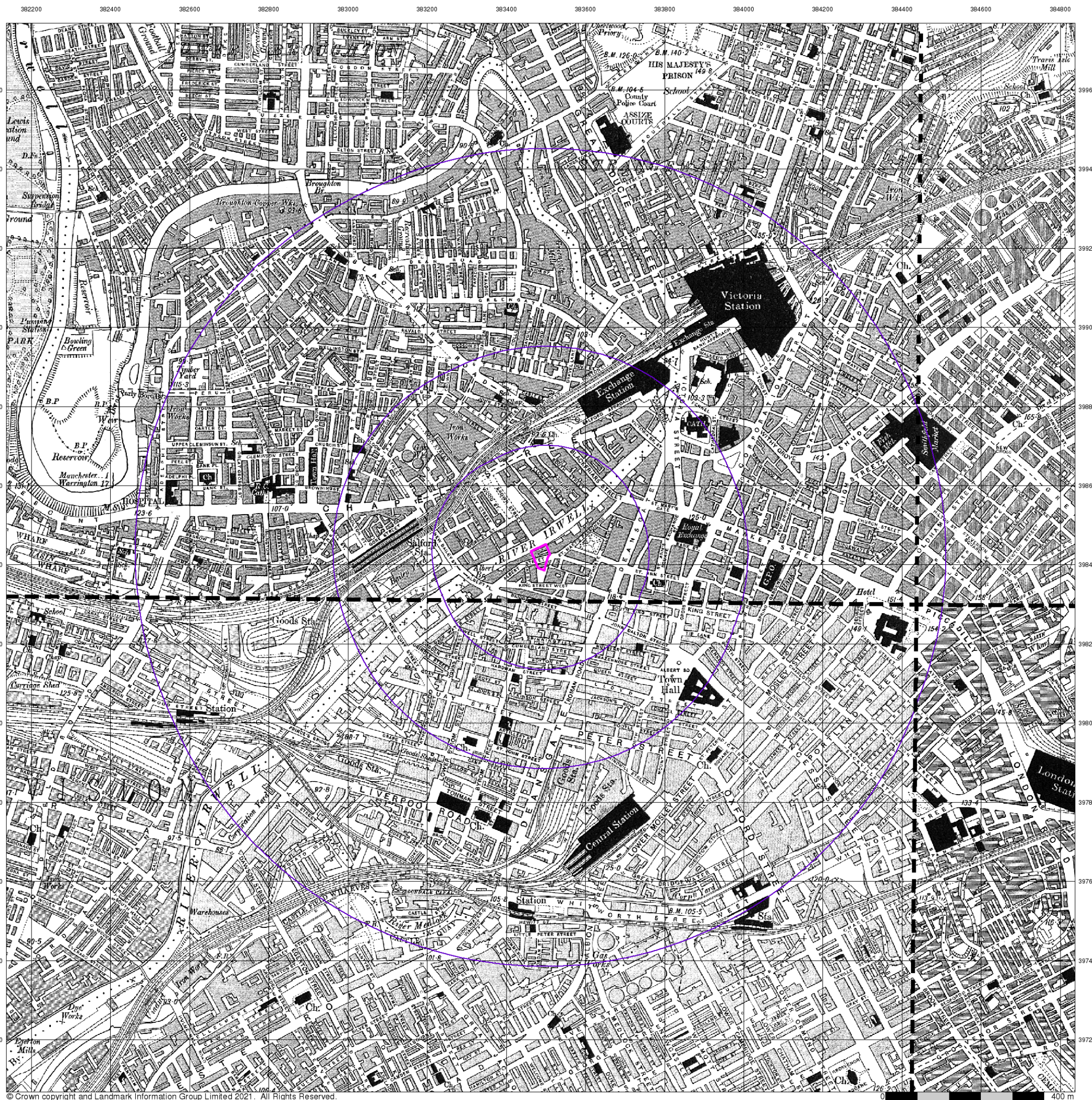
### Site Details

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## Lancashire And Furness

Published 1909

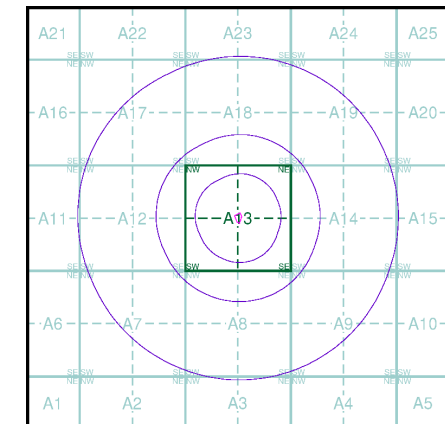
Source map scale - 1:10,560

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)

|                           |                           |
|---------------------------|---------------------------|
| 104NW<br>1909<br>1:10,560 | 104NE<br>1909<br>1:10,560 |
| 104SW<br>1909<br>1:10,560 | 104SE<br>1909<br>1:10,560 |

### Historical Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

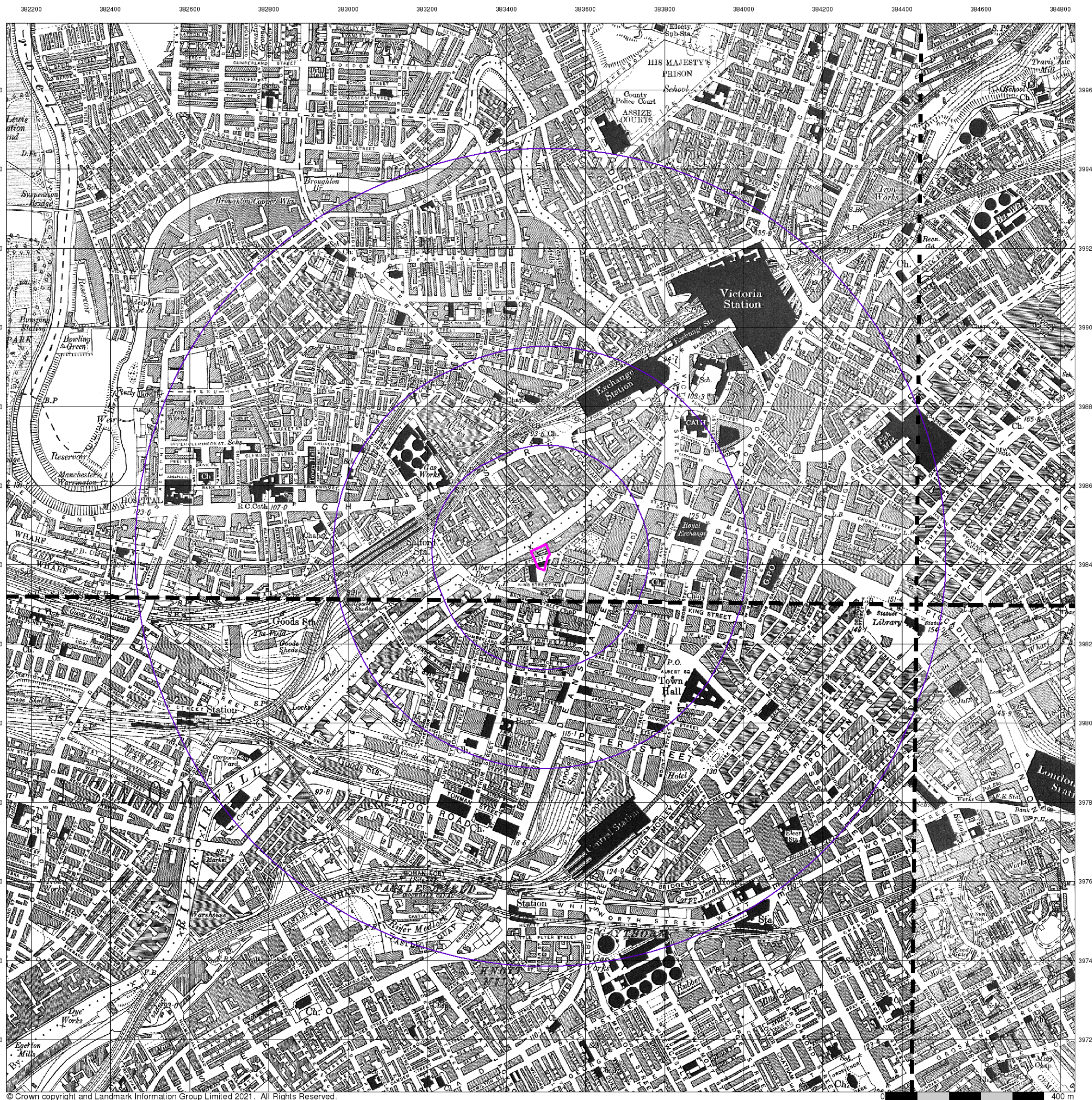
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## Lancashire And Furness

Published 1923

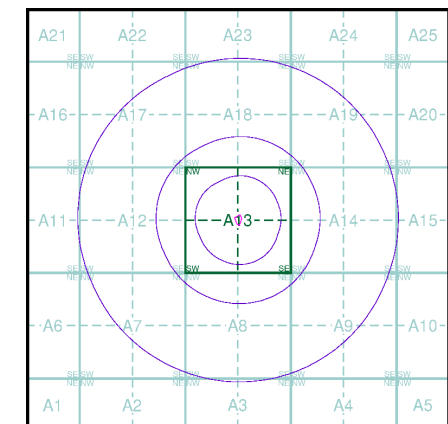
Source map scale - 1:10,560

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

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

|                           |                           |
|---------------------------|---------------------------|
| 104NW<br>1923<br>1:10,560 | 104NE<br>1923<br>1:10,560 |
| 104SW<br>1923<br>1:10,560 | 104SE<br>1923<br>1:10,560 |

### Historical Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

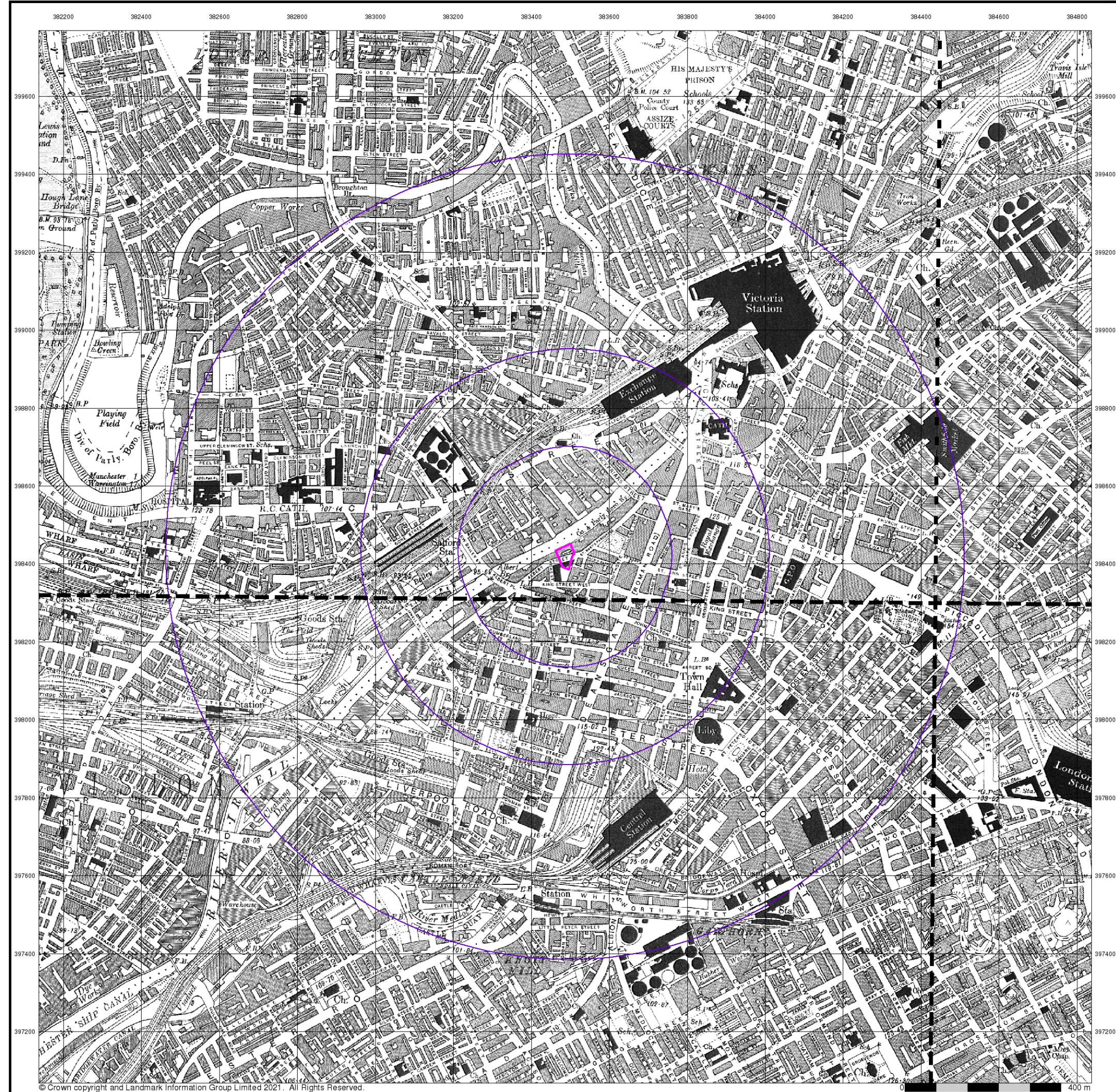
### Site Details

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## Lancashire And Furness

Published 1931 - 1933

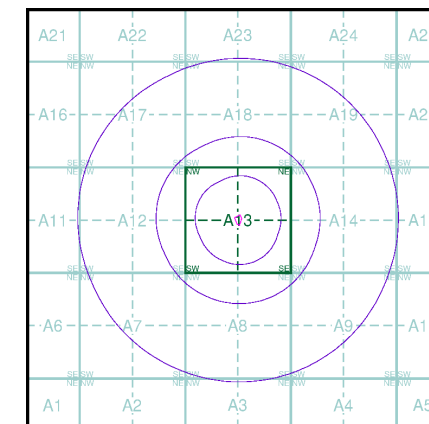
Source map scale - 1:10,560

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)

|                           |                           |
|---------------------------|---------------------------|
| 104NW<br>1931<br>1:10,560 | 104NE<br>1932<br>1:10,560 |
| 104SW<br>1932<br>1:10,560 | 104SE<br>1933<br>1:10,560 |

### Historical Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

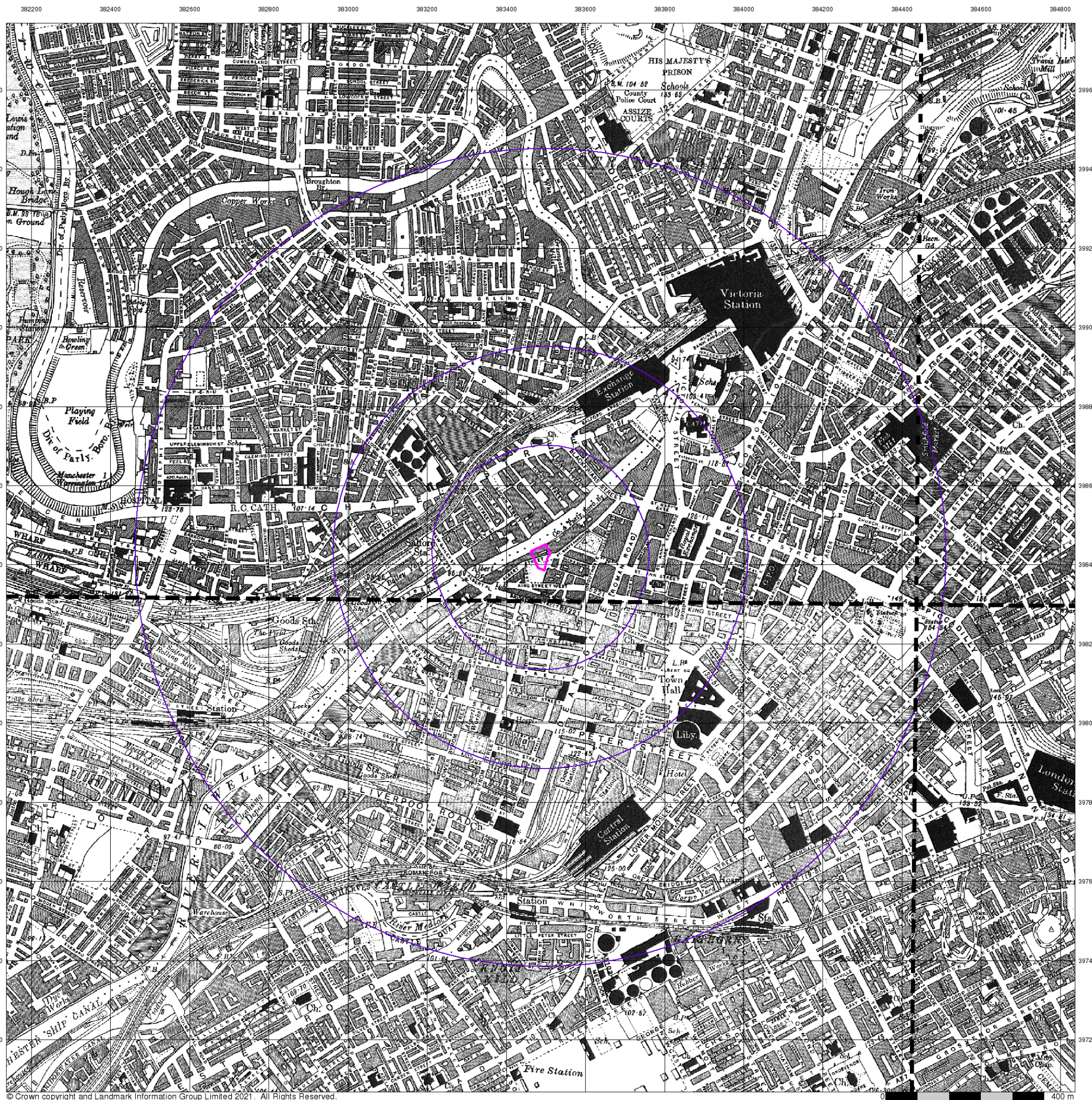
### Site Details

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## Lancashire And Furness

Published 1938

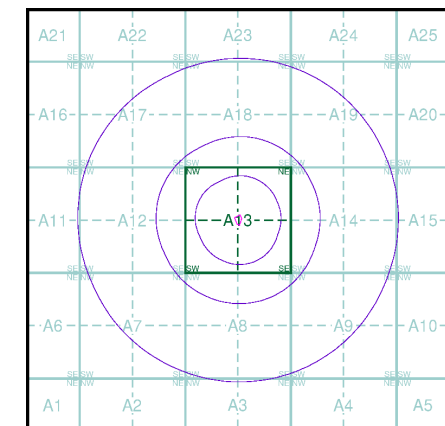
Source map scale - 1:10,560

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

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

|                           |                           |
|---------------------------|---------------------------|
| 104NW<br>1938<br>1:10,560 | 104NE<br>1938<br>1:10,560 |
| 104SW<br>1938<br>1:10,560 | 104SE<br>1938<br>1:10,560 |

### Historical Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

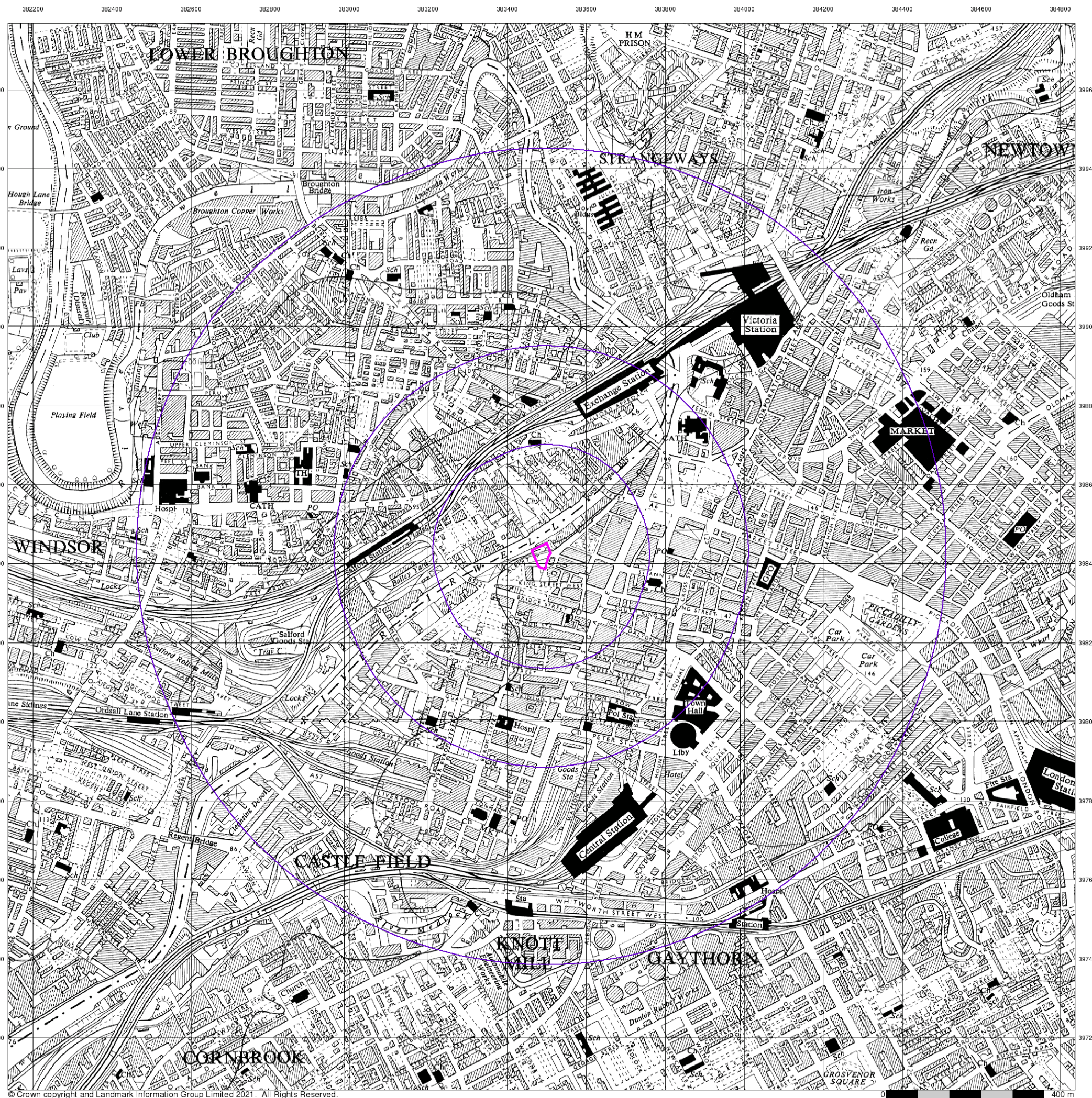
### Site Details

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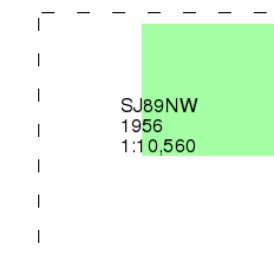
## Ordnance Survey Plan

Published 1956

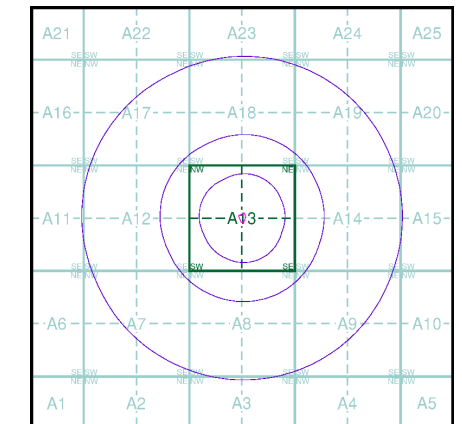
Source map scale - 1:10,000

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

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



## Historical Map - Slice A



## Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

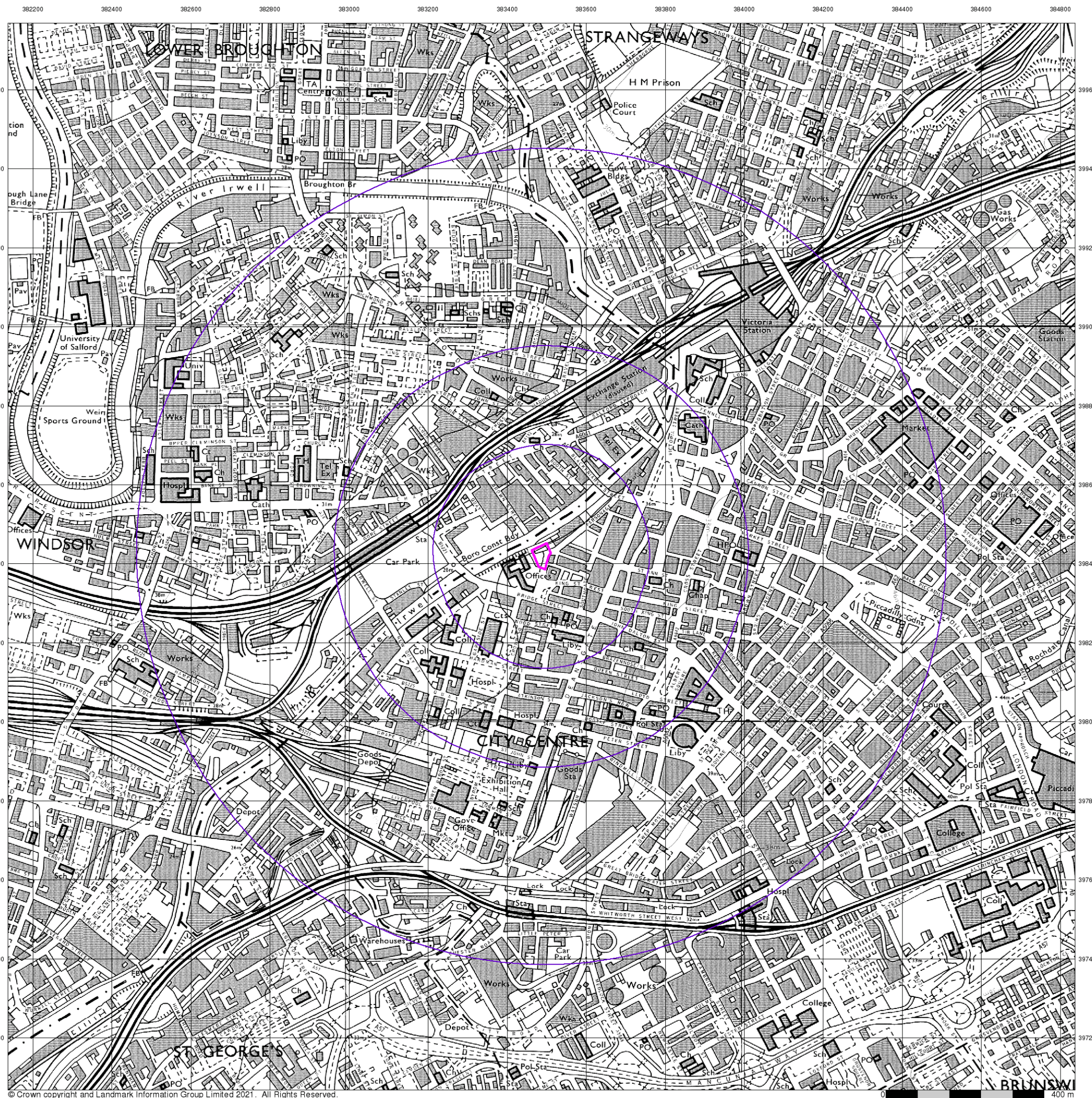
## Site Details

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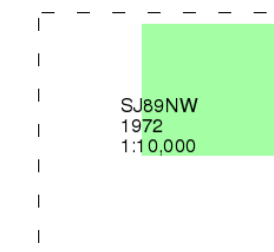
## Ordnance Survey Plan

Published 1972

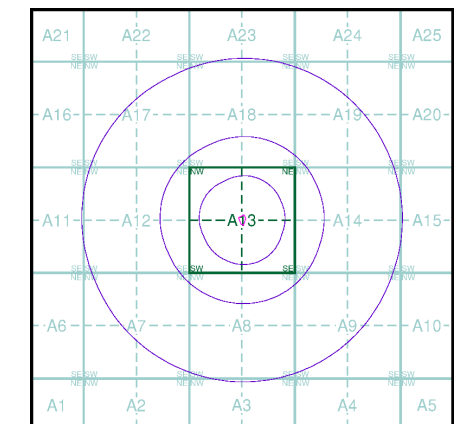
Source map scale - 1:10,000

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

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



## Historical Map - Slice A



## Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

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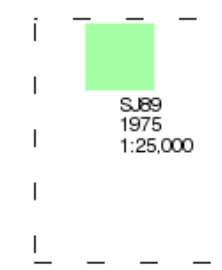
Manchester

Published 1975

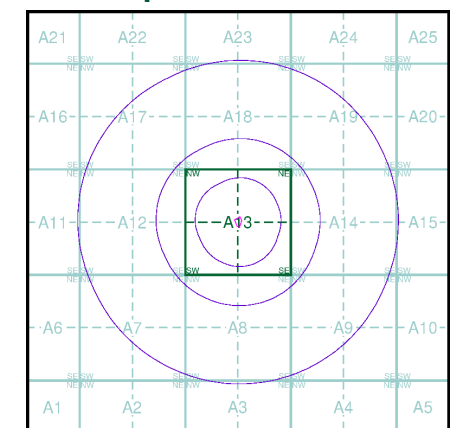
Source map scale - 1:25,000

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

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



### Russian Map - Slice A



### Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

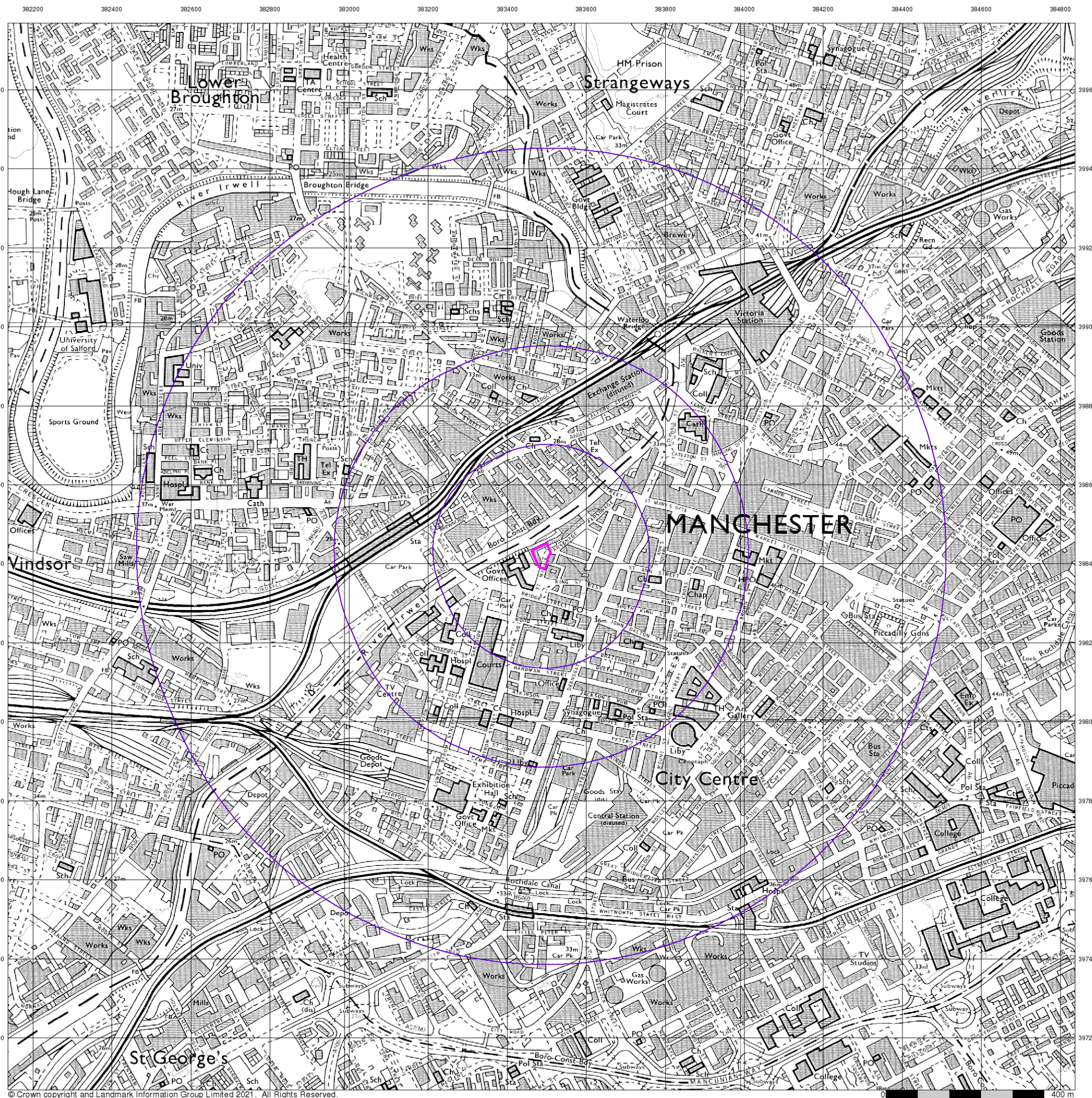
### Site Details

Alborton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ



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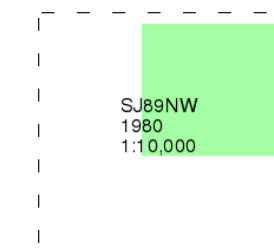
## Ordnance Survey Plan

Published 1980

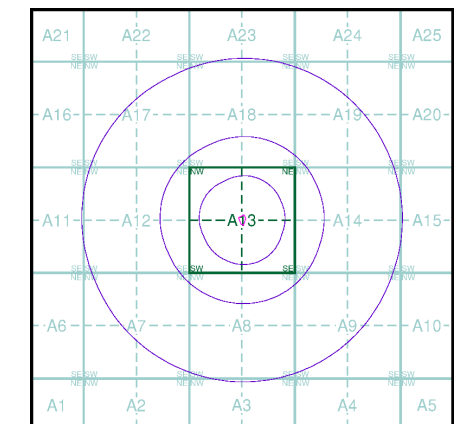
Source map scale - 1:10,000

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

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



## Historical Map - Slice A



## Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

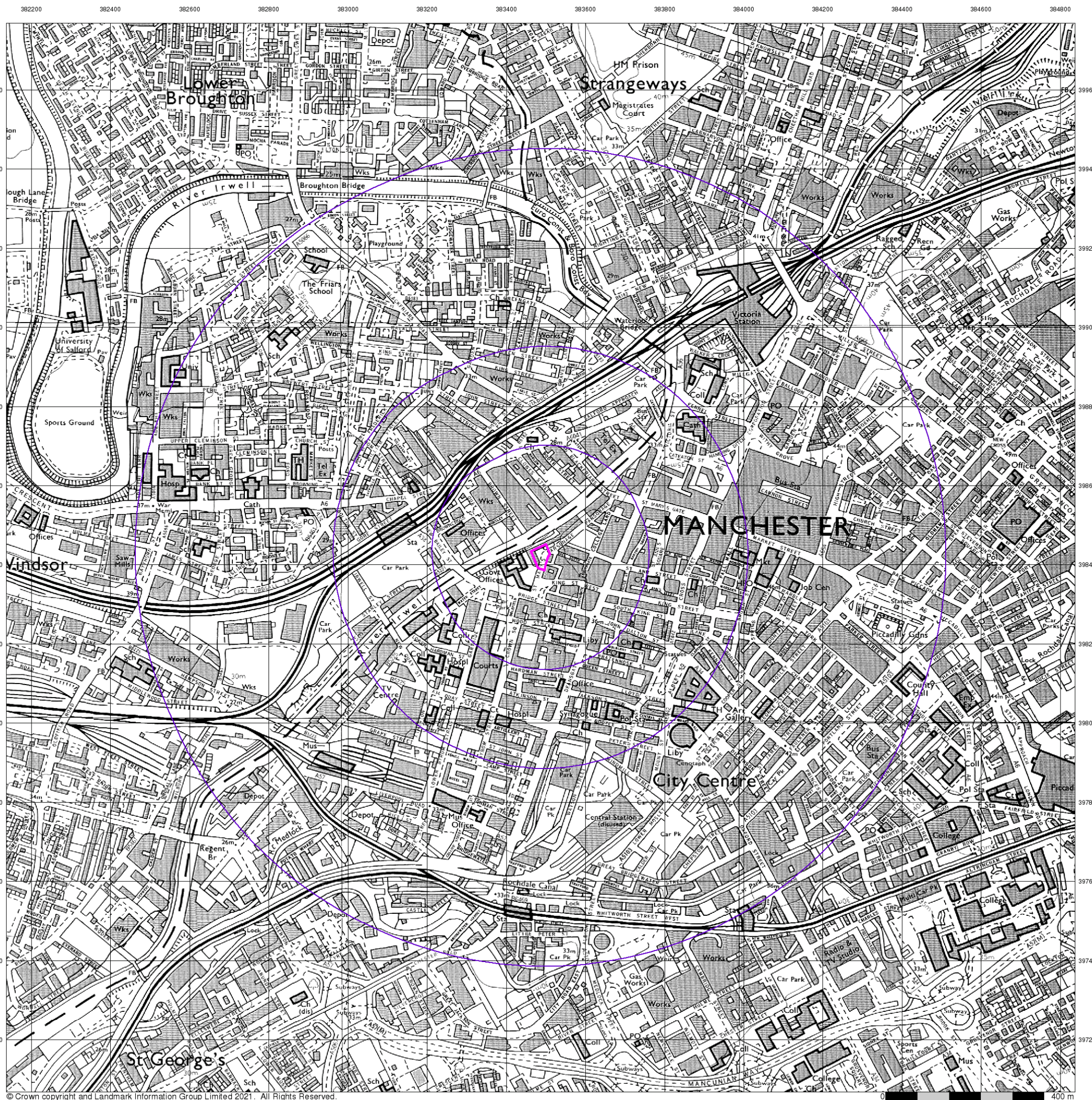
## Site Details

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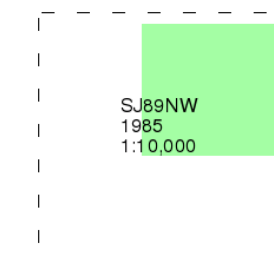
## Ordnance Survey Plan

Published 1985

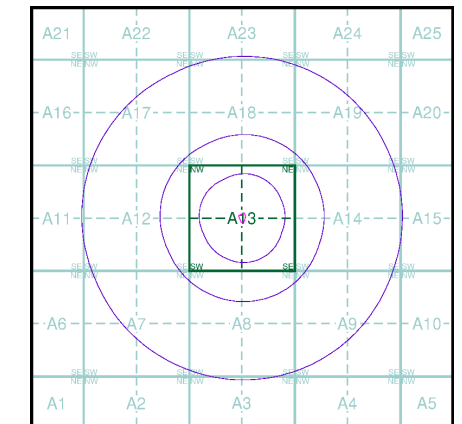
Source map scale - 1:10,000

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.

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Slice: A  
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Search Buffer (m): 1000

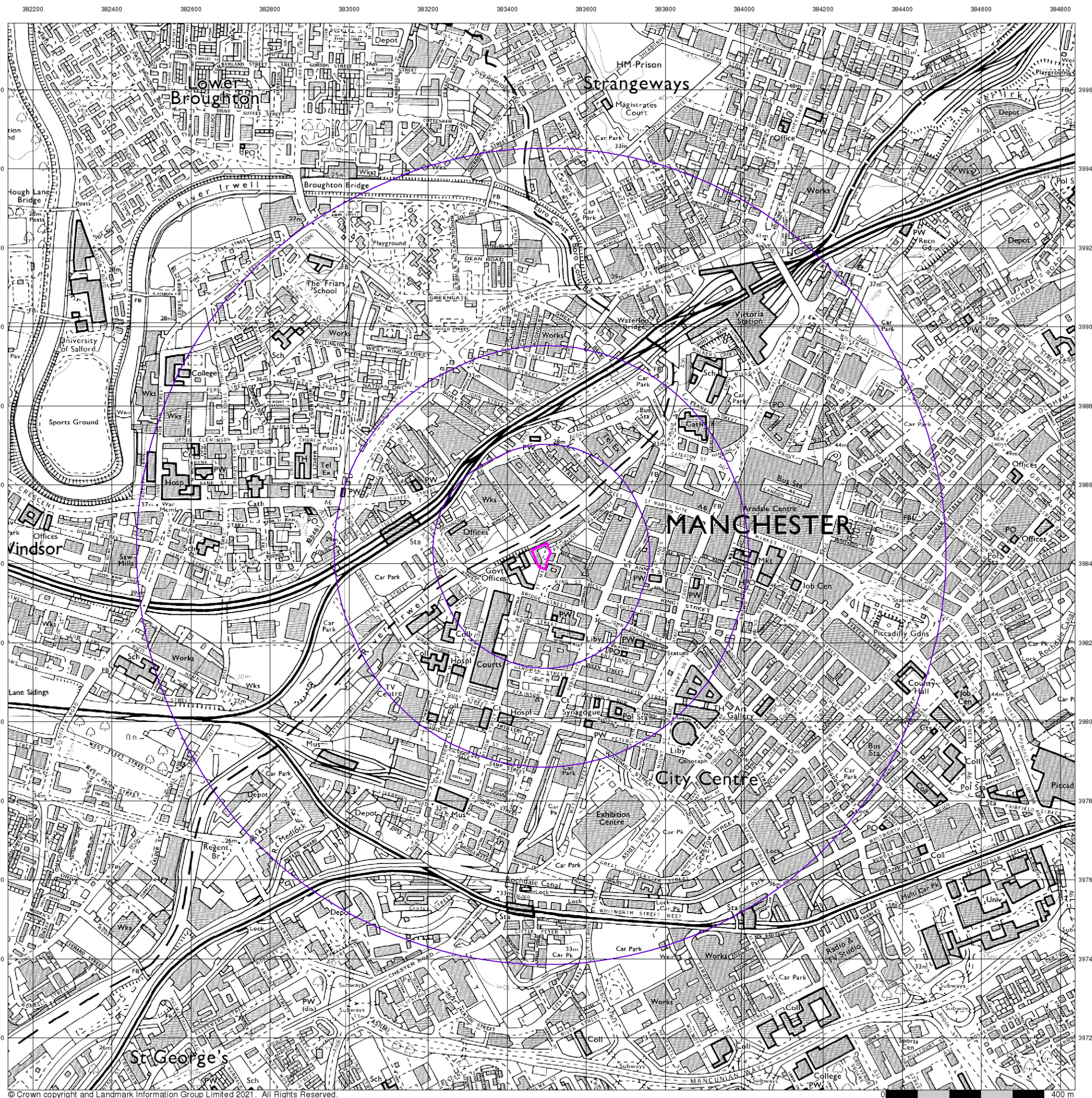
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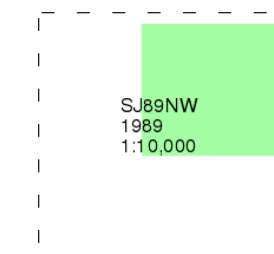
## Ordnance Survey Plan

Published 1989

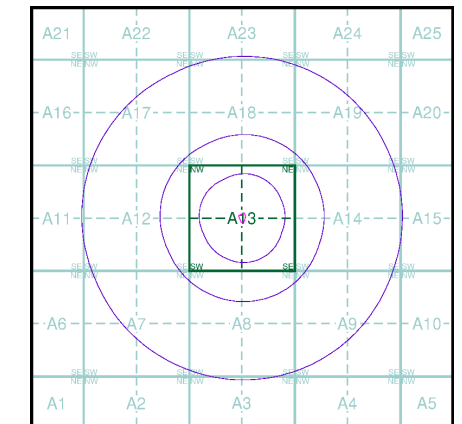
Source map scale - 1:10,000

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National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

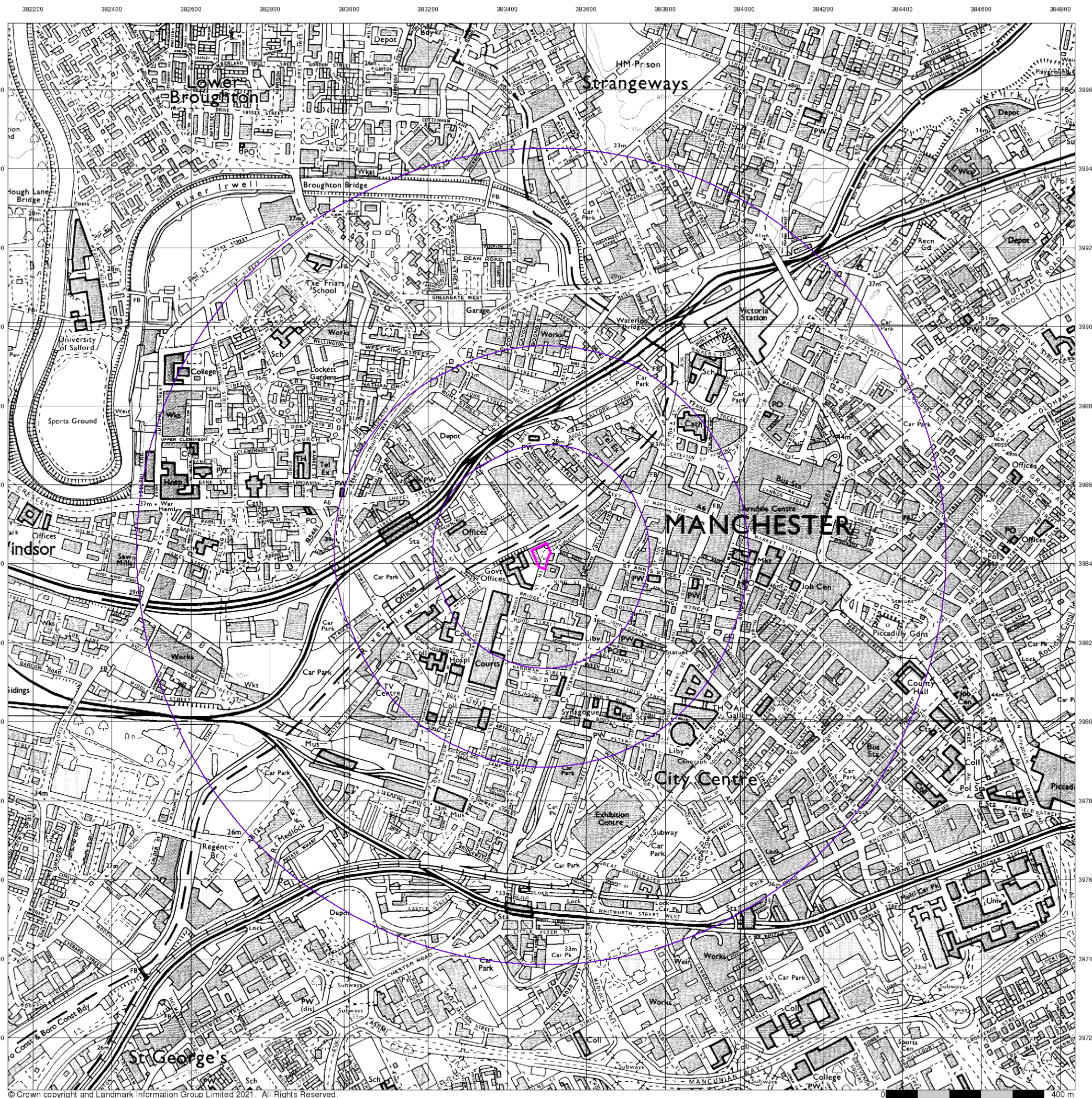
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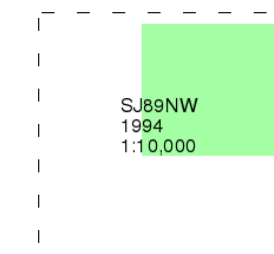
## Ordnance Survey Plan

Published 1994

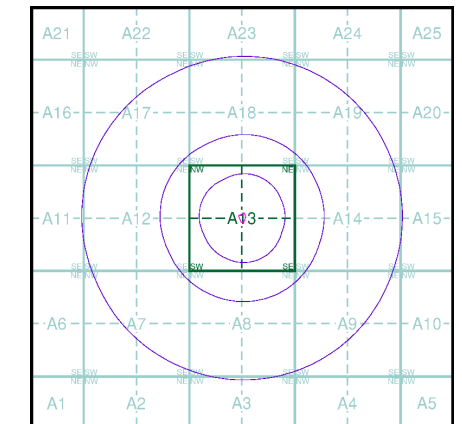
Source map scale - 1:10,000

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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Site Area (Ha): 0.19  
Search Buffer (m): 1000

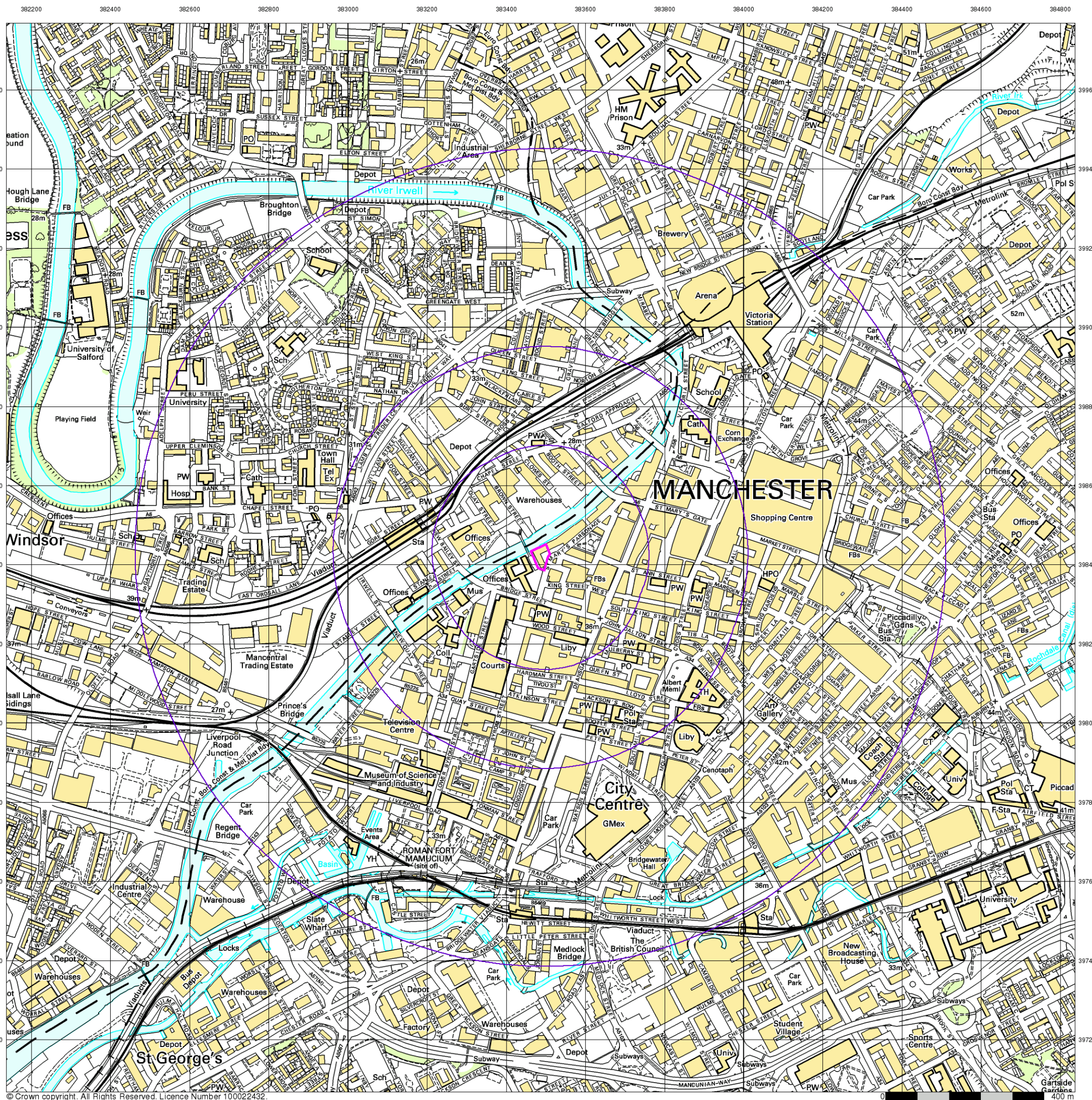
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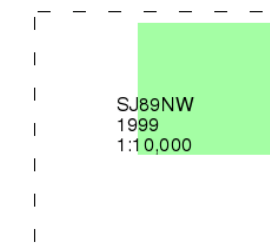
## 10k Raster Mapping

Published 1999

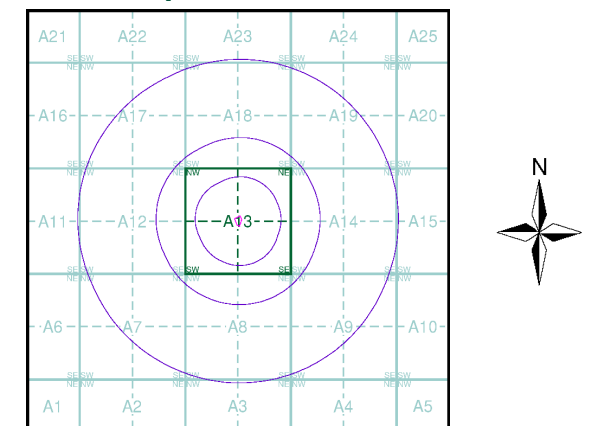
Source map scale - 1:10,000

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

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



## Historical Map - Slice A



## Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
Search Buffer (m): 1000

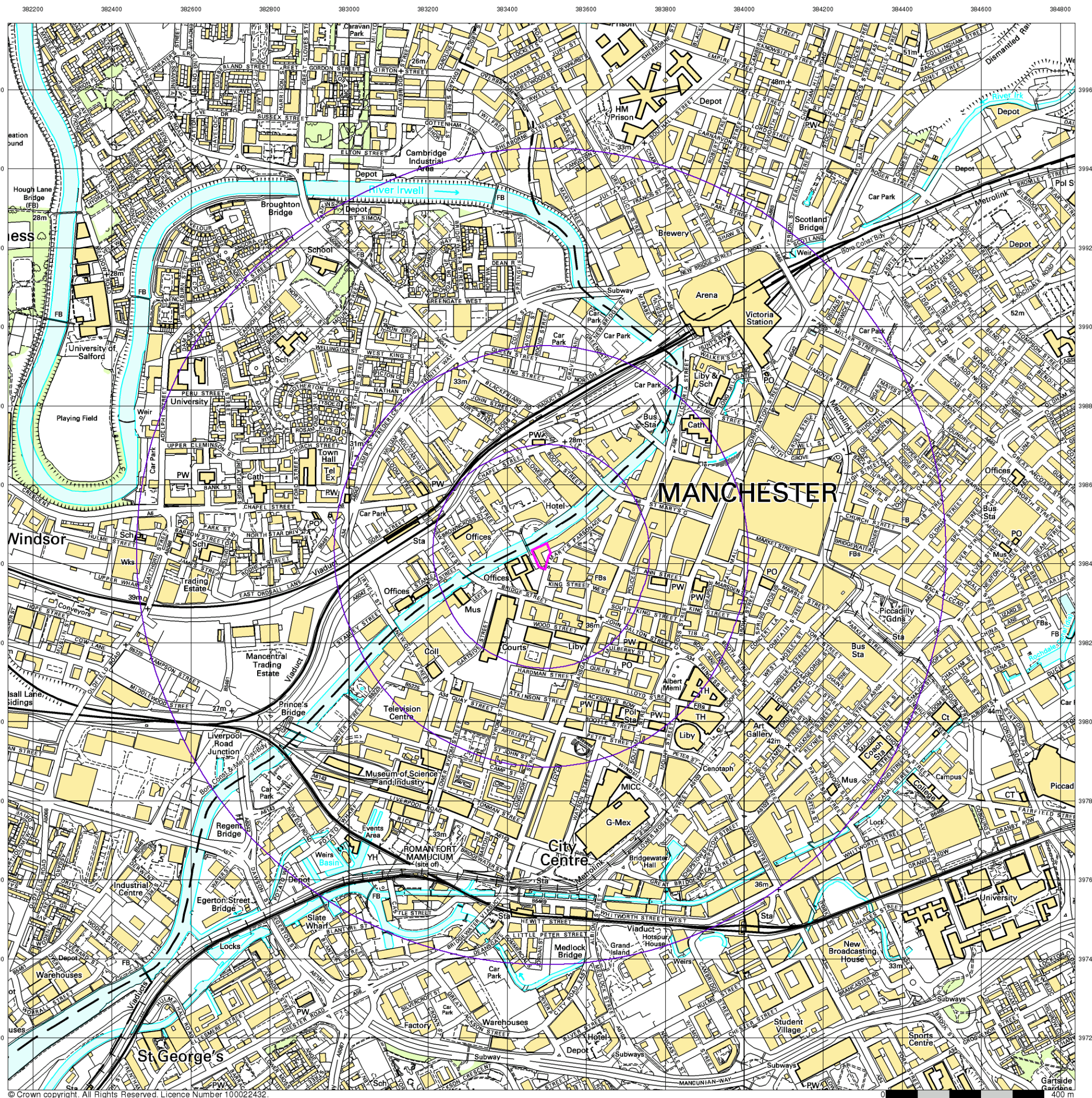
## Site Details

Alberton House, 30, St Mary's Parsonage, MANCHESTER, M3 2WJ

**Landmark**  
INFORMATION GROUP

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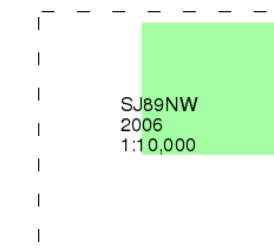
## 10k Raster Mapping

Published 2006

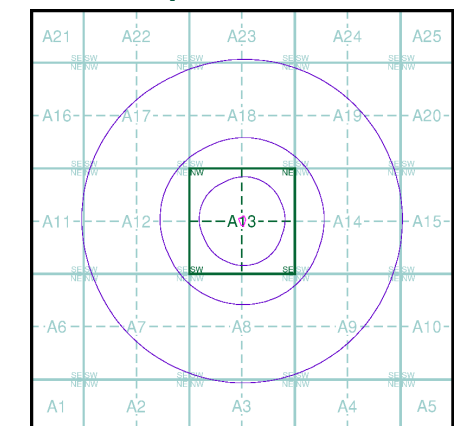
Source map scale - 1:10,000

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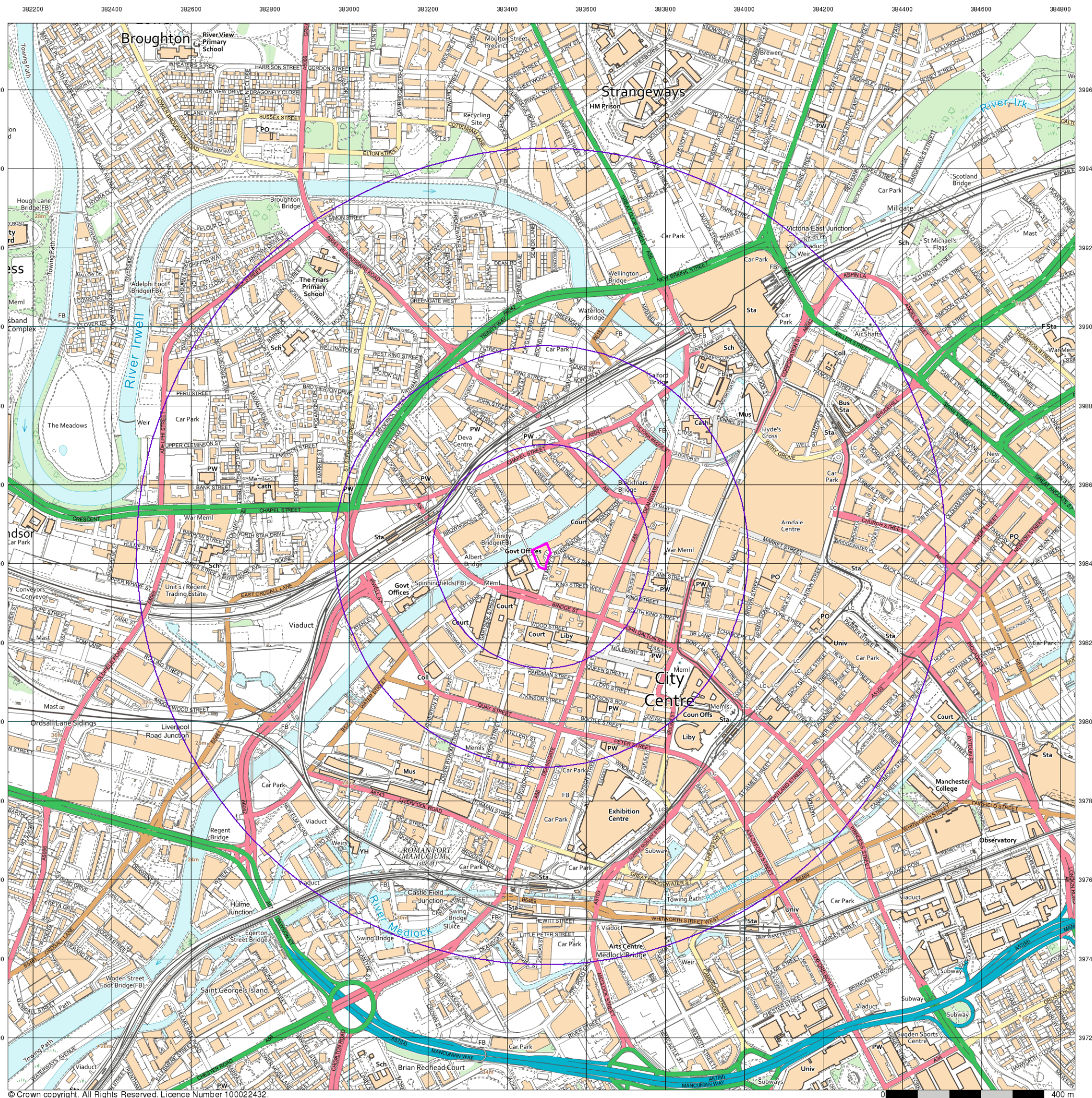
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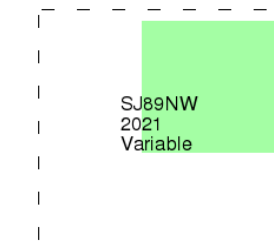
## VectorMap Local

Published 2021

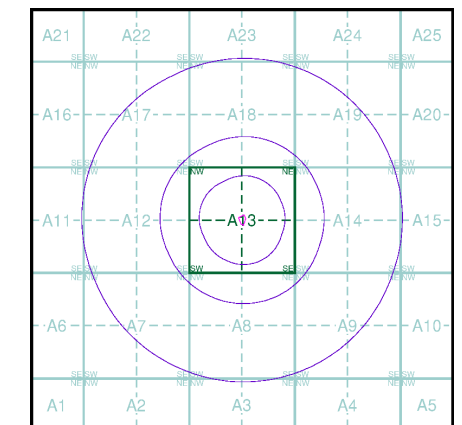
Source map scale - 1:10,000

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

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



## Historical Map - Slice A



## Order Details

Order Number: 283717644\_1\_1  
Customer Ref: 077764  
National Grid Reference: 383490, 398420  
Slice: A  
Site Area (Ha): 0.19  
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# INSURANCE PLANS OF TOWNS & CITIES

CIVIL ENGINEERS

LONDON N.A.

## ABBREVIATIONS

|         |                                  |
|---------|----------------------------------|
| ASB.    | ASBESTOS                         |
| CORR    | CORRUGATED IRON                  |
| D.I.D.  | DOUBLE IRON DOORS                |
| DRA.    | DRAPERY                          |
| D       | DWELLING                         |
| ELECT.  | ELECTRICIAN                      |
| (E.M.)  | ELECTRIC MOTORS                  |
| (ENG.)  | STEAM ENGINE                     |
| FURNE.  | FURNITURE                        |
| GAR     | GARAGE                           |
| (G.E.)  | GAS ENGINE                       |
| H.W.    | HARDWARE                         |
| I.COLS. | IRON COLUMNS OR STEEL STANCHIONS |
| JWLY.   | JEWELLERY                        |
| M.CL.   | METAL CLAD                       |
| M.W.    | MANCHESTER WAREHOUSE             |
| m.l.    | MATCH (OR WOOD) LINED            |
| OIL     | OIL & COLOR                      |
| (O.E.)  | OIL ENGINE                       |
| P.H.    | PUBLIC HOUSE                     |
| S.      | SHOP                             |
| S.I.D.  | SINGLE IRON DOORS                |
| S.I.S.  | SINGLE IRON SHUTTERS             |
| TAL.    | TAILORS                          |
| TENS.   | TENEMENTS                        |
| W.G.    | WIRED GLASS                      |
| W.N.    | WIRE NETTING OVER GLASS.         |

## COLORS

|  |                                    |
|--|------------------------------------|
|  | BRICK, STONE, OR CONCRETE          |
|  | WOOD                               |
|  | AREAS CLEARED DUE TO ENEMY ACTION  |
|  | SKYLIGHTS ON 1 & 2 STORY BUILDINGS |
|  | SKYLIGHTS ON HIGHER BUILDINGS      |
|  | METAL BUILDINGS.                   |
|  | TIMBER PILED OR STACKED            |

## WALLS

|  |                                                       |
|--|-------------------------------------------------------|
|  | PARTY WALL 2 STORIES OR OVER, A PROBABLE FIRE CUT OFF |
|  | ENTIRE WALL, BUT DOUBTFUL AS FIRE CUT OFF             |
|  | DEFECTIVE WALL - IMPERFECT                            |
|  | WALL ABOVE, IRON COLS. UNDER                          |
|  | WALL SOME FLOORS ONLY (OR WOOD OR PLASTER PARTITION)  |
|  | ABOVE ROOF 6' TO 1'-6"                                |
|  | — D <sup>9</sup> — 1'-6" TO 2'-6"                     |
|  | MATCH OR WOOD LINED                                   |
|  | WOOD CLAD WITH CORRUGATED IRON                        |

## OPENINGS

|  |                              |                   |
|--|------------------------------|-------------------|
|  | PASSAGE UNDER                |                   |
|  | ON ALL FLOORS                |                   |
|  | SOME FLOORS ONLY             | UNPROTECTED       |
|  | ALL FLOORS (PROTECTED)       |                   |
|  | ALL FLOORS (SOME PROTECTED)  | SINGLE IRON DOORS |
|  | SOME FLOORS ONLY (PROTECTED) |                   |
|  | ALL FLOORS (SOME PROTECTED)  |                   |
|  | ALL FLOORS (PROTECTED)       | DOUBLE IRON DOORS |
|  | SOME FLOORS ONLY (PROTECTED) |                   |
|  | WOOD LOADING DOOR            |                   |
|  | IRON LOADING DOOR            |                   |

## WINDOWS

|  |                               |             |
|--|-------------------------------|-------------|
|  | ON ALL OR MOST FLOORS         |             |
|  | MORE THAN USUAL               |             |
|  | OVERLOOKING                   | UNPROTECTED |
|  | NEARLY ALL GLASS              |             |
|  | OPENINGS THRO' & WINDOWS OVER |             |
|  | ON SOME FLOORS ONLY           |             |

## FLOORS

1.2.3.3½ 3<sup>c</sup> ON BUILDINGS ARE NUMBER OF STORIES ABOVE GROUND  
(3½ = 3 FLOORS & ATTIC)  
2½ 2B MEANS 2 STORIES & 2 BASEMENTS BAST & SUB-BASEMENT.

## SKYLIGHTS

A LESS THAN 50 SQUARE FEET (SAY 10'x5', OR 7'x7')  
A OPENINGS THROUGH 2 FLOORS UNDER (EACH STROKE  
DENOTES AN OPENING.)  
WITH WELL HOLE THROUGH 3 FLOORS } OVER 50 SQ. FT. TO SCALE  
LANT. LANTERN LIGHT, SIDES ONLY GLASS.  
OR VENT. OR RAISED VENTILATOR

## HOISTS & LIFTS

H OPEN  
H OPEN TO STREET  
H OPEN (WOOD FLAPS TO FLOORS)  
H ENCLOSED BRICK OR FIRE RESISTING WIRED GLASS DOORS  
H ENCLOSED WOOD OR PLASTER  
IRON DOORS SHOWN AS EXPLAINED UNDER "OPENINGS"

## ROOFS

ASB ASBESTOS  
C CONCRETE  
CORR. CORRUGATED IRON  
T METAL  
P PATENT (FELT 3<sup>c</sup>)  
O SLATE  
T TILE

PROFILES  
WITH NORTH LIGHTS

## SUNDRIES

STEAM BOILERS  
 BOILER SET IN BRICK  
 FACTORY CHIMNEYS  
(ENG.) STEAM ENGINE  
OVERHANGING WOOD CORNICE  
 FIRE ALARM BOX  
— D<sup>9</sup> — ON KEY PLAN  
 HYDRANT  
 HYDRAULIC HYDRANT  
 PRIVATE HYDRANT OR STAND PIPE  
 DOUBLE HYDRANT  
 SALT WATER HYDRANT  
 SPRINKLER OR AUTO ALARM BELL

## REFERENCE NUMBERS

NUMBERS PARALLEL WITH STREET ARE EXISTING STREET N<sup>os</sup>  
 WHERE TWO SETS OF STREET N<sup>os</sup> IN SAME BLOCK COINCIDE, ADDITIONAL ARBITRARY N<sup>os</sup> ARE GIVEN TO ONE SET (500 & UPWARDS)

WHERE BUILDINGS TO WHICH THEY APPLIED ARE DEMOLISHED, STREET & ARBITRARY N<sup>os</sup> ARE SHOWN & CROSSED THROUGH ON REVISION  
— 48' — ARE STREET WIDTHS.  
(37') ARE HEIGHTS OF GROUND ABOVE ORDNANCE DATUM

HEIGHT IN FEET OF ADJOINING BUILDINGS WHERE STORIES DIFFER IN HEIGHT

## Appendix C Detailed UXO Risk Assessment





# 1ST LINE DEFENCE



## Detailed Unexploded Ordnance (UXO) Risk Assessment

|                         |                                                         |
|-------------------------|---------------------------------------------------------|
| <b>Project Name</b>     | Alberton House, Manchester                              |
| <b>Client</b>           | Curtins Consulting Limited                              |
| <b>Site Address</b>     | Alberton House, St Mary's Parsonage, Manchester, M3 2WJ |
| <b>Report Reference</b> | DA13971-00                                              |
| <b>Date</b>             | 09/09/2021                                              |
| <b>Originator</b>       | AS                                                      |



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[www.1stlinedefence.co.uk](http://www.1stlinedefence.co.uk)

**1<sup>st</sup> Line Defence Ltd**

Unit 3, Maple Park, Essex Road, Hoddesdon, Herts. EN11 0EX  
Tel: +44 (0)1992 245 020 [info@1stlinedefence.co.uk](mailto:info@1stlinedefence.co.uk)

## Executive Summary

### Site Location and Description

The site is located in the city of Manchester, between the River Irwell and Deansgate. According to aerial imagery dated 2020 the site comprises a large L-shaped building in the centre, with an access road/car parking spaces in the west of the site, and gardens in the east/south-east. The site is bound to the north by the River Irwell, to the east by commercial property, to the south by St Mary's Parsonage, and to the west by a footpath leading to Trinity Bridge.

The site is approximately centred on the OS grid reference: **SJ 83476 98429**.

### Proposed Works

The scope of proposed works is understood to include the demolition of Alberton House and construction of circa 17 storey mixed use office, leisure and event space. This will involve ground investigation in the form of boreholes to a maximum depth of 30m bgl pre demolition and further boreholes and trial pits post demolition.

### Geology and Bomb Penetration Depth

The British Geological Survey (BGS) map shows the site to be underlain by Chester Formation – Sandstone, formed in the Triassic Period. Superficial deposits are not recorded.

Site-specific geotechnical information was not available to 1<sup>st</sup> Line Defence at the time of the production of this report. An assessment of maximum bomb penetration depth can be made once such data becomes available, or by a UXO specialist during on-site support.

It should be noted that the maximum depth that a bomb could reach may vary across a site and will be largely dependent on the specific underlying geological strata and its density.

### UXO Risk Assessment

1<sup>st</sup> Line Defence has assessed that there is a **Medium Risk** from items of German aerial delivered and anti-aircraft UXO across the site. There is also an assessed **Negligible Risk** from Allied LSA/SAA unexploded ordnance. This assessment is based on the following factors:

#### German Aerial Delivered Ordnance:

- During WWII the site was located within the County Borough of Manchester, which according to official Home Office bombing statistics sustained an overall low density of bombing. This comprised a total of 738 items of ordnance across the 27,255 acre district. Although Manchester was not targeted to the same extent as cities such as London and Birmingham, it was subject to several major raids, the worst of which is often referred to as the 'Christmas Blitz'.
- Bomb plot and damage mapping for the city of Manchester records significant damage on site, described as 'demolished' and 'partially damaged'. These levels of damage are visible within the immediate vicinity of the site also. The nearest H.E. bomb strike is recorded adjacent to the southernmost point of the site, within the *Police Station*, and this is visible on bomb mapping. The nearest H.E. bomb strike reported in written records was located approximately 75m east of the site, at *Parsonage Gardens*.
- Written records also confirm the wider area surrounding the site was subject to heavy incendiary bombing 'showers' which gutted the buildings affected, including buildings on *Albert Street* where the site was situated (roads have since been reconfigured and names changed).
- Subsequent to bombing, the site looks to have sustained significant damage. Post-WWII OS mapping dated 1950-1951 shows the site to be occupied primarily by areas of cleared land labelled 'ruin'. Post-war aerial photography from 1946 confirms this, showing the site to comprise cleared land in the north and south, and to be surrounded by the same to the east, south and west.
- Following the bomb strikes/incendiary showers and damage, the site would likely have been occupied by ruined structures for a time, leading to groundcover becoming significantly less conducive to the detection of UXO, which may be more easily obscured under rubble and debris, and access reducing/ceasing altogether. Such conditions may increase the likelihood of UXO indicators going unnoticed and unreported.



### UXO Risk Assessment

- In summary, multiple H.E. and incendiary bombing incidents were reported within the vicinity of the site, and post-WWII OS mapping, photography, and damage mapping appear to confirm the site sustained significant damage as a result. Furthermore, it is anticipated both access and groundcover would have reduced following bombing incidents and damage, which may increase the likelihood that indicators of UXO would have been obscured and missed. As a result of these factors, the risk of German aerial delivered and anti-aircraft UXO on site has been assessed as **Medium**.

#### Allied Ordnance:

- There is no evidence that the site formerly had any military occupation or usage that could have led to contamination with items of Allied ordnance, such as LSA and SAA. The conditions in which HAA or LAA projectiles may have fallen unnoticed within the site boundary are however analogous to those regarding aerial delivered ordnance.

#### Post-War Redevelopment:

- It appears the site and general area underwent significant development in the post-war era – the roadways were reconfigured and the surrounding area redeveloped. The building on site currently appears to have been constructed in the late 1970s/early 1980s. The risk of UXO remaining is considered to be mitigated at the location of and down to the depth of any post-war redevelopment on site. For example, the risk from deep buried UXO will only have been mitigated within the volumes of any post-war pile foundations or deep excavations for basement levels. The risk will however remain within virgin geology below and amongst these post-war works, down to the maximum bomb penetration depth.

### Recommended Risk Mitigation Measures

The following risk mitigation measures are recommended to support the proposed works at Alberton House, Manchester:

#### All Works

- UXO Risk Management Plan
- Site Specific UXO Awareness Briefings to all personnel conducting intrusive works.

#### Open Intrusive Works (trial pits, service pits, open excavations, shallow foundations etc.)

- UXO Specialist On-site Support

#### Boreholes and Piled Foundations

- Intrusive Magnetometer Survey of all borehole and pile locations/clusters down to maximum bomb penetration depth.

## Glossary

| Abbreviation | Definition                                                  |
|--------------|-------------------------------------------------------------|
| AA           | Anti-Aircraft                                               |
| AFS          | Auxiliary Fire Service                                      |
| AP           | Anti-Personnel                                              |
| ARP          | Air Raid Precautions                                        |
| DA           | Delay-action                                                |
| EOC          | Explosive Ordnance Clearance                                |
| EOD          | Explosive Ordnance Disposal                                 |
| FP           | Fire Pot                                                    |
| GM           | G Mine (Parachute mine)                                     |
| HAA          | Heavy Anti-Aircraft                                         |
| HE           | High Explosive                                              |
| IB           | Incendiary Bomb                                             |
| JSEODOC      | Joint Services Explosive Ordnance Disposal Operation Centre |
| LAA          | Light Anti-Aircraft                                         |
| LCC          | London County Council                                       |
| LRRB         | Long Range Rocket Bomb (V-2)                                |
| LSA          | Land Service Ammunition                                     |
| NFF          | National Filling Factory                                    |
| OB           | Oil Bomb                                                    |
| PAC          | Pilotless Aircraft (V-1)                                    |
| PB           | Phosphorous Bomb                                            |
| PM           | Parachute Mine                                              |
| POW          | Prisoner Of War                                             |
| RAF          | Royal Air Force                                             |
| RCAF         | Royal Canadian Air Force                                    |
| RFC          | Royal Flying Corps                                          |
| RNAS         | Royal Naval Air Service                                     |
| ROF          | Royal Ordnance Factory                                      |
| SA           | Small Arms                                                  |
| SAA          | Small Arms Ammunition                                       |
| SD2          | Anti-personnel "Butterfly Bomb"                             |
| SIP          | Self-Igniting Phosphorous                                   |
| U/C          | Unclassified bomb                                           |
| UP           | Unrotated Projectile (rocket)                               |
| USAAF        | United States Army Air Force                                |
| UX           | Unexploded                                                  |
| UXAA         | Unexploded Anti-Aircraft                                    |
| UXB          | Unexploded Bomb                                             |
| UXO          | Unexploded Ordnance                                         |
| V-1          | Flying Bomb (Doodlebug)                                     |
| V-2          | Long Range Rocket                                           |
| WAAF         | Women's Auxiliary Air Force                                 |
| X            | Exploded                                                    |



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# **1<sup>st</sup> Line Defence Limited**

## **Detailed Unexploded Ordnance (UXO) Risk Assessment**

Site: Alberton House, Manchester  
Client: Curtins Consulting Limited

### **1. Introduction**

#### **1.1. Background**

1<sup>st</sup> Line Defence has been commissioned by Curtins Consulting Limited to conduct a Detailed Unexploded Ordnance (UXO) Risk Assessment for the works proposed at Alberton House, Manchester.

Buried UXO can present a significant risk to construction works and development projects. The discovery of a suspect device during works can cause considerable disruption to operations as well as cause unwanted delays and expense.

UXO in the UK can originate from three principal sources:

1. Munitions resulting from wartime activities including German bombing in WWI and WWII, long range shelling, and defensive activities.
2. Munitions deposited as a result of military training and exercises.
3. Munitions lost, burnt, buried or otherwise discarded either deliberately, accidentally, or ineffectively.

This report will assess the potential factors that may contribute to the risk of UXO contamination. If an elevated risk is identified at the site, this report will recommend appropriate mitigation measures, in order to reduce the risk to as low as is reasonably practicable. Detailed analysis and evidence will be provided to ensure an understanding of the basis for the assessed risk level and any recommendations.

This report complies with the guidelines outlined in *CIRIA C681*, 'Unexploded Ordnance (UXO) A Guide for the Construction Industry.'



## **2. Method Statement**

### **2.1. Report Objectives**

The aim of this report is to conduct a comprehensive assessment of the potential risk from UXO at Alberton House, Manchester. The report will also recommend appropriate site and work-specific risk mitigation measures to reduce the risk from explosive ordnance during the envisaged works to a level that is as low as reasonably practicable.

### **2.2. Risk Assessment Process**

1<sup>st</sup> Line Defence has undertaken a five-step process for assessing the risk of UXO contamination:

1. The likelihood that the site was contaminated with UXO.
2. The likelihood that UXO remains on the site.
3. The likelihood that UXO may be encountered during the proposed works.
4. The likelihood that UXO may be initiated.
5. The consequences of initiating or encountering UXO.

In order to address the above, 1<sup>st</sup> Line Defence has taken into consideration the following factors:

- Evidence of WWI and WWII German aerial delivered bombing as well as the legacy of Allied occupation.
- The nature and conditions of the site during WWII.
- The extent of post-war development and UXO clearance operations on site.
- The scope and nature of the proposed works and the maximum assessed bomb penetration depth.
- The nature of ordnance that may have contaminated the proposed site area.

### **2.3. Sources of Information**

Every reasonable effort has been made to ensure that relevant evidence has been consulted and presented in order to produce a thorough and comprehensible report for the client. To achieve this the following, which includes military records and archive material held in the public domain, have been accessed:

- The National Archives and the Manchester Central Library.
- Historical mapping datasets.
- Historic England National Monuments Record.
- Relevant information supplied by Curtins Consulting Limited.
- Available material from 33 Engineer Regiment (EOD) Archive (now 28 Regt).
- 1<sup>st</sup> Line Defence's extensive historical archives, library and UXO geo-datasets.
- Open sources such as published books and internet resources.

Research involved a visit to The National Archives and the Manchester Central Library.

### **3. Background to Bombing Records**

#### **3.1. General Considerations of Historical Research**

This desktop assessment is based largely upon analysis of historical evidence. Every reasonable effort has been made to locate and present significant and pertinent information. 1<sup>st</sup> Line Defence cannot be held accountable for any changes to the assessed risk level or risk mitigation measures, based on documentation or other data that may come to light at a later date, or which was not available to 1<sup>st</sup> Line Defence during the production of this report.

It is often problematic and sometimes impossible to verify the completeness and accuracy of WWII-era records. As a consequence, conclusions as to the exact location and nature of a UXO risk can rarely be quantified and are, to a degree, subjective. To counter this, a range of sources have been consulted, presented and analysed. The same methodology is applied to each report during the risk assessment process. 1<sup>st</sup> Line Defence cannot be held responsible for any inaccuracies or the incompleteness in available historical information.

#### **3.2. German Bombing Records**

During WWII, bombing records were generally gathered locally by the police, Air Raid Precaution (ARP) wardens and military personnel. These records typically contained information such as the date, the location, the amount of damage caused and the types of bombs that had fallen during an air raid. This information was made either through direct observation or post-raid surveys. The Ministry of Home Security Bomb Census Organisation would then receive this information, which was plotted onto maps, charts, and tracing sheets by regional technical officers. The collective record set (regional bomb census mapping and locally gathered incidents records) would then be processed and summarised into reports by the Ministry of Home Security Research and Experiments Branch. The latter were tasked with providing the government 'a complete picture of air raid patterns, types of weapons used and damage caused- in particular to strategic services and installations such as railways, shipyards, factories and public utilities.'<sup>1</sup>

The quality, detail and nature of record keeping could vary considerably between provincial towns, boroughs and cities. No two areas identically collated or recorded data. While some local authorities maintained records with a methodical approach, sources in certain areas can be considerably more vague, dispersed, and narrower in scope. In addition, the immediate priority was mostly focused on assisting casualties and minimising damage at the time. As a result, some records can be incomplete and contradictory. Furthermore, many records were even damaged or destroyed in subsequent air raids. Records of raids that took place on sparsely or uninhabited areas were often based upon third party or hearsay information and are therefore not always reliable. Whereas records of attacks on military or strategic targets were often maintained separately and have not always survived.

#### **3.3. Allied Records**

During WWII, considerable areas of land were requisitioned by the War Office for the purpose of defence, training, munitions production and the construction of airfields. Records relating to military features vary and some may remain censored. Within urban environments datasets will be consulted detailing the location of munition production as well as wartime air and land defences. In rural locations it may be possible to obtain plans of military establishments, such as airfields, as well as training logs, record books, plans and personal memoirs. As with bombing records, every reasonable effort will be made to access records of, and ascertain any evidence of, military land use. However, there are occasions where such evidence is not available, as records may not be accessible, have been lost/destroyed, or simply were not kept in the first place.

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<sup>1</sup> <http://www.nationalarchives.gov.uk/help-with-your-research/research-guides/bomb-census-survey-records-1940-1945/>.



## **4. UK Regulatory Environment and Guidelines**

### **4.1. General**

There is no formal obligation requiring a UXO risk assessment to be undertaken for construction projects in the UK, nor is there any specific legislation stipulating the management or mitigation of UXO risk. However, it is implicit in the legislation outlined below that those responsible for intrusive works (archaeology, site investigation, drilling, piling, excavation etc.) should undertake a comprehensive and robust assessment of the potential risks to employees and that mitigation measures are implemented to address any identified hazards.

### **4.2. CDM Regulations 2015**

The Construction (Design and Management) Regulations 2015 (CDM 2015) define the responsibilities of parties involved in the construction of temporary or permanent structures.

The CDM 2015 establishes a duty of care extending from clients, principle co-ordinators, designers, and contractors to those working on, or affected by, a project. Those responsible for construction projects may therefore be accountable for the personal or proprietary loss of third parties, if correct health and safety procedure has not been applied.

Although the CDM does not specifically reference UXO, the risk presented by such items is both within the scope and purpose of the legislation. It is therefore implied that there is an obligation for parties to:

- Provide an appropriate assessment of potential UXO risks at the site (or ensure such an assessment is completed by others).
- Put in place appropriate risk mitigation measures if necessary.
- Supply all parties with information relevant to the risks presented by the project.
- Ensure the preparation of a suitably robust emergency response plan.

### **4.3. The 1974 Health and Safety at Work etc. Act**

All employers have a responsibility under the Health and Safety at Work etc. Act 1974 and the Management of Health and Safety at Work Regulations 1999, to ensure the health and safety of their employees and third parties, so far as is reasonably practicable and conduct suitable and sufficient risk assessments.

**4.4. CIRIA C681**

In 2009, the Construction Industry Research and Information Association (CIRIA) produced a guide to the risk posed by UXO to the UK construction industry (CIRIA C681). CIRIA is a neutral, independent and not-for-profit body, linking organisations with common interests and facilitating a range of collaborative activities that help improve the industry.

The publication provides the UK construction industry with a defined process for the management of risks associated with UXO from WWI and WWII aerial bombardment. It is also broadly applicable to the risks from other forms of UXO that might be encountered. It focuses on construction professionals' needs, particularly if there is a suspected item of UXO on site, and covers issues such as what to expect from a UXO specialist. The guidance also helps clients to fulfil their legal duty under CDM 2015 to provide designers and contractors with project specific health and safety information needed to identify hazards and risks associated with the design and construction work. This report conforms to this CIRIA guidance and to the various recommendations for good practice referenced therein. It is recommended that this document is acquired and studied where possible to allow a better understanding of the background to both the risk assessment process and the UXO issue in the UK in general.

**4.5. Additional Legislation**

In the event of a casualty resulting from the failure of an employer/client to address the risks relating to UXO, the organisation may be criminally liable under the Corporate Manslaughter and Corporate Homicide Act 2007.



## **5. The Role of Commercial UXO Contractors and The Authorities**

### **5.1. Commercial UXO Specialists**

The role of a UXO Specialist (often referred to as UXO Consultant or UXO Contractor) such as 1<sup>st</sup> Line Defence, is defined in CIRIA C681 as the provision of expert knowledge and guidance to the client on the most appropriate and cost-effective approach to UXO risk management at a site.

The principal role of UXO Specialists is to provide the client with an appropriate assessment of the risk posed by UXO for a specific project, and identify and carry out suitable methodology for the mitigation of any identified risks to reduce them to an acceptable level.

The requirement for a UXO Specialist should ideally be identified in the initial stages of a project, and it is recommended that this occur prior to the start of any detailed design. This will enable the client to budget for expenditure that may be required to address the risks from UXO, and may enable the project team to identify appropriate techniques to eliminate or reduce potential risks through considered design, without the need for UXO specific mitigation measures. The UXO Specialist should have suitable qualifications, levels of competency and insurances.

Please note 1<sup>st</sup> Line Defence has the capability to provide a complete range of required UXO risk mitigation services, in order to reduce a risk to as low as reasonably practicable. This can involve the provision of both ground investigation, and where appropriate, UXO clearance services.

### **5.2. The Authorities**

The police have a responsibility to co-ordinate the emergency services in the event of an ordnance-related incident at a construction site. Upon inspection they may impose a safety cordon, order an evacuation, and call the military authorities Joint Services Explosive Ordnance Disposal Operation Centre (JSEODOC) to arrange for investigation and/or disposal. Within the Metropolitan Police Operational Area, SO15 EOD will be tasked to any discovery of suspected UXO. The request for Explosive Officer (Expo) support is well understood and practiced by all Metropolitan Boroughs. The requirement for any additional assets will then be coordinated by the Expo if required.

In the absence of a UXO specialist, police officers will usually employ such precautionary safety measures, thereby causing works to cease, and possibly requiring the evacuation of neighbouring businesses and properties.

The priority given to the police request will depend on the EOD teams' judgement of the nature of the UXO risk, the location, people and assets at risk, as well as the availability of resources. The speed of response varies; authorities may respond immediately or in some cases it may take several days for the item of ordnance to be dealt with. Depending on the on-site risk assessment the item of ordnance may be removed from the site and/or destroyed by a controlled explosion.

Following the removal of an item of UXO, the military authorities will only undertake further investigations or clearances in high-risk situations. If there are regular UXO finds on a site the JSEODOC may not treat each occurrence as an emergency and will recommend the construction company puts in place alternative procedures, such as the appointment of a commercial contractor to manage the situation.

## **6. The Site**

### **6.1. Site Location**

The site is located in the city of Manchester, between the River Irwell and Deansgate.

The site is approximately centred on the OS grid reference: **SJ 83476 98429**.

Site location maps are presented in **Annex A**.

### **6.2. Site Description**

According to aerial imagery dated 2020 the site comprises a large L-shaped building in the centre, with an access road/car parking spaces in the west of the site, and gardens in the east/south-east. The site is bound to the north by the River Irwell, to the east by commercial property, to the south by St Mary's Parsonage, and to the west by a footpath leading to Trinity Bridge.

A recent aerial photograph and site plan are presented in **Annex B** and **Annex C** respectively.

## **7. Scope of the Proposed Works**

### **7.1. General**

The scope of proposed works is understood to include the demolition of Alberton House and construction of circa 17 storey mixed use office, leisure and event space. This will involve ground investigation in the form of boreholes to a maximum depth of 30m bgl pre demolition and further boreholes and trial pits post demolition.

## **8. Ground Conditions**

### **8.1. General Geology**

The British Geological Survey (BGS) map shows the site to be underlain by Chester Formation - Sandstone. Sedimentary Bedrock formed in the Triassic Period. Superficial deposits are not recorded.

### **8.2. Site Specific Geology**

Site-specific geotechnical data was not provided by the client during the production of this report.



## 9. Site History

### 9.1. Introduction

The purpose of this section is to identify the composition of the site pre and post-WWII. It is important to establish the historical use of the site, as this may indicate the site's relation to potential sources of UXO as well as help with determining factors such as the land use, groundcover, likely frequency of access and signs of bomb damage.

### 9.2. Ordnance Survey Historical Maps

Relevant historical maps were obtained for this report and are presented in **Annex D**. See below for a summary of the site history shown on acquired mapping.

| Pre-WWII  |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date      | Scale   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 1932-1933 | 1:2,500 | <p>This map shows the site to comprise a mix of features –large buildings form part of the north of the site, with smaller structures and glasshouses within this area also. The site is intersected from east to west by <i>Albert Street</i>. The south of the site is occupied partly by a <i>Police Station</i>.</p> <p>The site is bound by further buildings to the east and west, with <i>Albert Road</i> extending outside of the site, and the <i>Police Station</i> bordering the south of the site.</p> |

| Post-WWII |         |                                                                                                                                                                                                                                                                                                                                                                             |
|-----------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date      | Scale   | Description                                                                                                                                                                                                                                                                                                                                                                 |
| 1950-1951 | 1:2,500 | <p>This map shows the site has been significantly altered since pre-war, with all buildings in the north of the site labelled as 'Ruin' and clearance within the south of the site, likely on the site of the <i>Police Station</i>.</p> <p>The buildings which previously bordered to the site to the east and west have also been labelled as 'Ruin' or been cleared.</p> |

### 9.3. Pre-WWII Photography of the Site

Pre-WWII aerial photography has been obtained from ManchesterHistory.net. While the date of this imagery is unknown, it is expected to be pre-war given the fact all structures on and adjacent to the site are standing (see **Annex E**). See below for a description:

| Date of Photograph          | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pre-War, exact date unknown | <p>This aerial photography shows the site from the south-west. While it is of poor quality, it is possible to distinguish individual buildings and features – within the north of the site boundary is a large multi-level building which is bound by the River Irwell to the north. The roadway <i>Albert Road</i> intersects the centre of the site, and the south of the site is occupied by multi-story buildings and a courtyard associated with the <i>Police Station</i>. The area surrounding the site is built up, comprising a mix of property types and further roadways.</p> |

## 10. Introduction to German Aerial Delivered Ordnance

### 10.1. General

During WWI and WWII, the UK was subjected to bombing which often resulted in extensive damage to city centres, docks, rail infrastructure and industrial areas. The poor accuracy of WWII targeting technology and the nature of bombing techniques often resulted in neighbouring areas to targets sustaining collateral damage.

In addition to raids which concentrated on specific targets, indiscriminate bombing of large areas also took place. This occurred most prominently in the London 'Blitz', though affected many other towns and cities. As discussed in the following sections, a proportion of the bombs dropped on the UK did not detonate as designed. Although extensive efforts were made to locate and deal with these UXBs at the time, many still remain buried and can present a potential risk to construction projects.

The main focus of research for this section of the report will concern German aerial delivered ordnance dropped during WWII, although WWI bombing will also be considered.

### 10.2. Generic Types of WWII German Aerial Delivered Ordnance

To provide an informed assessment of the hazards posed by any items of unexploded ordnance that may remain in situ on site, the table below provides information on the types of German aerial delivered ordnance most commonly used by the Luftwaffe during WWII. Images and brief summaries of the characteristics of these items of ordnance are listed in **Appendices i-iii**.

| Generic Types of WWII German Aerial Delivered Ordnance |                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type                                                   | Frequency                                                                                                                    | Likelihood of detection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| High Explosive (HE) bombs                              | In terms of weight of ordnance dropped, HE bombs were the most frequently deployed by the Luftwaffe during WWII.             | Although efforts were made to identify the presence of unexploded ordnance following an air raid, often the damage and destruction caused by detonated bombs made observation of UXB entry holes impossible. The entry hole of an unexploded bomb can be as little as 20cm in diameter and was easily overlooked in certain ground conditions (see <b>Annex F</b> ). Furthermore, ARP documents describe the danger of assuming that damage, actually caused by a large UXB, was due to an exploded smaller bomb. UXBs therefore present the greatest risk to present-day intrusive works. |
| 1kg Incendiary bombs (IB)                              | In terms of the number of weapons dropped, small IBs were the most numerous. Millions of these were dropped throughout WWII. | IBs had very limited penetration capability and in urban areas would often have been located in post-raid surveys. If they failed to initiate and fell in water, on soft vegetated ground, or bombed rubble, they could easily go unnoticed.                                                                                                                                                                                                                                                                                                                                               |
| Large Incendiary bombs (IB)                            | These were not as common as the 1kg IBs, although they were more frequently deployed than PMs and AP bomblets.               | If large IBs did penetrate the ground, complete combustion did not always occur and in such cases they could remain a risk to intrusive works.                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Aerial or Parachute mines (PM)                         | These were deployed less frequently than HE and IBs due to size, cost and the difficulty of deployment.                      | If functioning correctly, PMs would generally have had a slow rate of descent and were very unlikely to have penetrated the ground. Where the parachute failed, mines would have simply shattered on impact if the main charge failed to explode. There have been extreme cases when these items have been found unexploded. However, in these scenarios, the ground was either extremely soft or the munition fell into water.                                                                                                                                                            |
| Anti-personnel (AP) bomblets                           | These were not commonly used and are generally considered to pose a low risk to most works in the UK.                        | SD2 bomblets were packed into containers holding between 6 and 108 submunitions. They had little ground penetration ability and should have been located by the post-raid survey unless they fell into water, dense vegetation or bomb rubble.                                                                                                                                                                                                                                                                                                                                             |



### **10.3. Failure Rate of German Aerial Delivered Ordnance**

It has been estimated that 10% of WWII German aerial delivered HE bombs failed to explode as designed. Reasons for why such weapons might have failed to function as designed include:

- Malfunction of the fuze or gain mechanism (manufacturing fault, sabotage by forced labour or faulty installation).
- Many were fitted with a clockwork mechanism that could become immobilised on impact.
- Failure of the bomber aircraft to arm the bombs due to human error or an equipment defect.
- Jettisoning the bomb before it was armed or from a very low altitude. This most likely occurred if the bomber aircraft was under attack or crashing.

From 1940 to 1945, bomb disposal teams reportedly dealt with a total of 50,000 explosive items of 50kg, over 7,000 anti-aircraft projectiles and 300,000 beach mines. Unexploded ordnance is still regularly encountered across the UK, see press articles in **Annex G**.

### **10.4. UXB Ground Penetration**

An important consideration when assessing the risk from a UXB is the likely maximum depth of burial. There are several factors which determine the depth that an unexploded bomb will penetrate:

- Mass and shape of bomb.
- Height of release.
- Velocity and angle of bomb.
- Nature of the ground cover.
- Underlying geology.

Geology is perhaps the most important variable. If the ground is soft, there is a greater potential of deeper penetration. For example, peat and alluvium are easier to penetrate than gravel and sand, whereas layers of hard strata will significantly retard and may stop the trajectory of a UXB.

#### **10.4.1. The J-Curve Effect Principle**

J-curve is the term used to describe the characteristic curve commonly followed by an aerial delivered bomb dropped from height after it penetrates the ground. Typically, as the bomb is slowed by its passage through underlying soils, its trajectory curves towards the surface. Many UXBs are found with their nose cone pointing upwards as a result of this effect. More importantly, however, is the resulting horizontal offset from the point of entry. This is typically a distance of about one third of the bomb's penetration depth, but can be higher in certain conditions (see **Annex F**).

#### **10.4.2. WWII UXB Ground Penetration Studies**

During WWII the Ministry of Home Security undertook a major study on actual bomb penetration depths, carrying out statistical analysis on the measured depths of 1,328 bombs as reported by bomb disposal (BD) teams. Conclusions were drawn predicting the likely average and maximum depths of penetration of different sized bombs in different geological strata.

For example, the largest common German bomb (500kg) had a likely concluded penetration depth of 6m in sand or gravel but 11m in clay. The maximum observed depth for a 500kg bomb was 11.4m and for a 1,000kg bomb 12.8m. Theoretical calculations suggested that significantly greater penetration depths were probable.

#### 10.4.3. Site Specific Bomb Penetration Considerations

When considering an assessment of the bomb penetration at the site of proposed works the following parameters have been used:

- WWII geology – The British Geological Survey (BGS) map shows the site to be underlain by Chester Formation – Sandstone, formed in the Triassic Period. Superficial deposits are not recorded.
- Impact angle and velocity – 10-15° from vertical and 270 metres per second.
- Bomb mass and configuration – The 500kg SC HE bomb, without retarder units or armour piercing nose (this was the largest of the common bombs used against Britain).

It has not been possible to determine maximum bomb penetration capabilities at this stage due to the limitations of site-specific geotechnical information provided for the purpose of this report. An assessment can be made once further information becomes available or by an UXO Specialist on-site.

#### 10.5. V-Weapons

Hitler's 'V-weapon' campaign began from mid-1944. It used newly developed unmanned cruise missiles and rockets. The V-1, known as the *flying bomb* or *pilotless aircraft*, and the V-2, a long range rocket, were launched from bases in Germany and occupied Europe. A total of 9,251 V-1s and 1,115 V-2s were recorded in the United Kingdom.

Although these weapons caused considerable damage, their relatively low numbers allowed accurate records of strikes to be maintained. These records have mostly survived. There is a negligible risk from unexploded V-weapons on land today. Even if the 1000kg warhead failed to explode, the weapons are so large that they would have been observed and dealt with at the time. Therefore, V-weapons are referenced in this report not as a viable risk factor, but primarily in order to help account for evidence of damage and clearance reported.



## **11. The Likelihood of Contamination from German Aerial Delivered UXBs**

### **11.1. World War I**

During WWI Britain was targeted and bombed by Zeppelin Airships as well as Gotha and Giant fixed-wing aircraft. The objective of these raids was to unnerve the British public, to destroy strategic targets and to ultimately attempt to coerce Britain's capitulation from the war. A WWI map of air raids and naval bombardments across the UK was consulted, see **Annex H**. This source does not record any WWI bombing incidents to have affected Manchester.

WWI bombs were generally smaller and dropped from a lower altitude than those used in WWII. This resulted in limited UXB penetration depths. Aerial bombing was often such a novelty at the time that it attracted public interest and even spectators to watch the raids in progress. For these reasons there is a limited risk that UXBs passed undiscovered in the urban environment. When combined with the relative infrequency of attacks and an overall low bombing density, the risk from WWI UXBs is considered low and will not be further addressed in this report.

### **11.2. World War II Bombing of the County Borough of Manchester**

The Luftwaffe's main objective for the attacks on Britain was to inhibit the country's economic and military capability. To achieve this they targeted airfields, depots, docks, warehouses, wharves, railway lines, factories, and power stations. As the war progressed the Luftwaffe bombing campaign expanded to include the indiscriminate bombing of civilian areas in an attempt to subvert public morale.

During WWII the site was located within the County Borough of Manchester, which sustained an overall low density of bombing, as represented by bomb density data figures below. Manchester and the wider area were not targeted to the same extent as cities such as London and Birmingham, however it was subject to several major raids. The first raid on the city was in September 1940, but the worst came in December 1940, often referred to as the 'Christmas Blitz', whereby the city was raided for two consecutive nights which resulted in an estimated 684 people losing their lives, and more than 2,000 being injured.<sup>2</sup> The nearest identifiable Luftwaffe target to the site appears to be Salford station and associated goods yards, located approximately 200m north-west of the site, on the other side of the River Irwell (**Annex I**).

Records of bombing incidents in the civilian areas of the County Borough of Manchester were typically collected by Air Raid Precautions wardens and collated by Civil Defence personnel. Some other organisations, such as port and railway authorities, maintained separate records. Records would be in the form of typed or hand written incident notes, maps and statistics. Bombing data was carefully analysed, not only due to the requirement to identify those parts of the country most needing assistance, but also in an attempt to find patterns in the Germans' bombing strategy in order to predict where future raids might take place.

Records of bombing incidents are presented in the following sections.

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<sup>2</sup> <https://www.iwm.org.uk/history/the-manchester-blitz>

### 11.3. WWII Home Office Bombing Statistics

The following table summarises the quantity of German aerial delivered bombs (excluding 1kg incendiaries and anti-personnel bombs) dropped on the County Borough of Manchester between 1940 and 1945.

| Record of German Ordnance Dropped on the County Borough of Manchester |                                  |        |
|-----------------------------------------------------------------------|----------------------------------|--------|
| Area Acreage                                                          |                                  | 27,255 |
| Weapons                                                               | High Explosive bombs (all types) | 712    |
|                                                                       | Parachute mines                  | 18     |
|                                                                       | Oil bombs                        | 7      |
|                                                                       | Phosphorus bombs                 | 0      |
|                                                                       | Fire pots                        | 0      |
|                                                                       | Pilotless aircraft (V-1)         | 1      |
|                                                                       | Long range rocket bombs (V-2)    | 0      |
| Total                                                                 |                                  | 738    |
| Number of Items per 1,000 acres                                       |                                  | 27.1   |

Source: Home Office Statistics

This table does not include UXO found during or after WWII.

Detailed records of the quantity and locations of the 1kg incendiary and anti-personnel bombs were not routinely maintained by the authorities as they were frequently too numerous to record. Although the risk relating to IBs is lesser than that relating to larger HE bombs, they were similarly designed to inflict damage and injury. Anti-personnel bombs were used in much smaller quantities and are rarely found today but are potentially more dangerous. Although Home Office statistics did not record these types of ordnance, both should not be overlooked when assessing the general risk to personnel and equipment.

### 11.4. Region 10 Bomb Census Reports

Bomb census reports compiled by the Research and Experiments Branch of the Ministry of Home Security during WWII were consulted at The National Archives. These reports recorded information such as the date, time, type and damage caused by bomb incidents for a selected time period in the region and are therefore not often comprehensive. No reference to the site has been found in this record set.

### 11.5. University of Manchester Bomb and Damage Map

A local map showing bomb strikes and the extent of resulting bomb damage was obtained from the University of Manchester Library. This map was compiled during/after WWII by Manchester Council's City Architect's Department. The section showing the area of the site is described in the table below and presented in **Annex J**.

| University of Manchester Library Bomb Map – Annex J |                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date Range                                          | Comments                                                                                                                                                                                                                                                                                                                                          |
| 1940-1944                                           | <p>This map shows the site sustained varying levels of damage, from 'demolished building' in the north of the site to 'partially damaged structure' in the south'.</p> <p>No bomb strikes are recorded on site, however a number are recorded in the surrounding area – the closest being recorded at the <i>Police Station</i> in June 1941.</p> |



### 11.6. Interactive 'Christmas Blitz' Bomb Map

A local bomb map, compiled by the Manchester Evening News and utilising data from the Commonwealth and War Graves Commission, was consulted during the production of this report. This map, named the Manchester Christmas Blitz Map, shows the locations of civilian deaths in Greater Manchester between 22nd and 24th December 1940. During this two day period, a reported 800 people were killed as a result of air raids.<sup>3</sup>

As this map only records bombs which resulted in fatalities, it is not considered a comprehensive account of Christmas bombing raids. The closest fatal bomb strike to the site occurred approximately 160m to the south-east of the site, on the junction of Southgate and Bridge Street. A section of the map showing the site and its surroundings is presented in **Annex K**.

### 11.7. Manchester Air Raid Damage Files

Written ARP Incident Records were obtained from The National Archives. This record was compiled by local Air Raid Precaution (ARP) personnel and volunteers during the war and records the location, date and time of bombing raids, as well as the types of bomb used and the damage caused.

This record set was checked, and no references to the site were found within it.

### 11.8. 'Blitz Britain; Manchester and Salford'

*Blitz Britain; Manchester and Salford* by Graham Pythian was consulted during the production of this report and provides details on air raids which occurred during the 'Christmas Blitz' of 22<sup>nd</sup> – 24<sup>th</sup> December 1940. A transcript of the relevant incidents are presented in the table below, and example imagery is presented in **Annex L**.

| <b>'Blitz Britain; Manchester and Salford' – Annex L</b> |                                               |                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Date</b>                                              | <b>Location</b>                               | <b>Comments</b>                                                                                                                                                                                                                                                                                                                                                                           |
| 22 <sup>nd</sup> /23 <sup>rd</sup> December 1940         | King Street West and Albert Street            | Shower of Incendiary Bombs in this area at 9.28pm. Whole of block bounded by Motor Street, Albert Street, King Street West were practically gutted by fires. One H.E. dropped at the junction of Albert Street and King Street West.<br><br><i>The site was located on Albert Street, and the damage recorded on mapping may be attributed to the fires caused by incendiary bombing.</i> |
| 23 <sup>rd</sup> /24 <sup>th</sup> December 1940         | Bridge Street, Water Street                   | H.E. dropped at 8.24pm on building. No fire. Building badly damaged.<br><br><i>This incident occurred approximately 90m south-west of the site.</i>                                                                                                                                                                                                                                       |
| 23 <sup>rd</sup> /24 <sup>th</sup> December 1940         | Albert Bridge, Water Street and Bridge Street | H.E. This incident is connected with incident No. 7 (above) and should be closed.<br><br><i>This incident occurred approximately 90m south-west of the site.</i>                                                                                                                                                                                                                          |

<sup>3</sup> <https://www.manchestereveningnews.co.uk/news/greater-manchester-news/manchester-blitz-bomb-sites-map-10465447>

### 11.9. War Damage to Housing Cards

Written records were obtained from the Manchester Central Library. A transcript of the relevant written records is presented in the table below. Example imagery of these entries are presented in **Annex M**.

| War Damage to Housing – Annex M           |                                                                                                                                                                                                                                                         |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date Range                                | Comments                                                                                                                                                                                                                                                |
| Unknown.<br>Date inspected:<br>10/04/1942 | Numbers 14 and 24 Albert Street.<br>Categorisation of damage – B and A.<br><i>Albert Street no longer exists, and historic mapping does not indicate building numbers for this road, therefore the exact locations of these incidents is not known.</i> |

### 11.10. War Damage to Property Cards

Written records were obtained from the Manchester Central Library. A transcript of the relevant written records is presented in the table below. Example imagery of these entries are presented in **Annex N**.

| War Damage to Property – Annex N           |                                                                |                                                                                                                                                                                                                                                                       |
|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date Range                                 | Location                                                       | Comments                                                                                                                                                                                                                                                              |
| 1 <sup>st</sup> /2 <sup>nd</sup> June 1941 | Parsonage, Deansgate.<br>National Guard<br>4 St Mary Parsonage | <u>Description of Property</u> : Office<br><u>Type of Bomb</u> : Blast<br><u>Indication of Damage</u> : Plate glass<br><u>Type of Damage</u> : E<br><i>This incident occurred approximately 130m north-east of the site.</i>                                          |
| 1 <sup>st</sup> /2 <sup>nd</sup> June 1941 | 2 Parsonage, Manchester                                        | <u>Description of Property</u> : Office and warehouse<br><u>Type of Bomb</u> : Not recorded<br><u>Indication of Damage</u> : Roof slight damage. Plate glass<br><u>Type of Damage</u> : D<br><i>This incident occurred approximately 130m north-east of the site.</i> |
| 1 <sup>st</sup> /2 <sup>nd</sup> June 1941 | Parsonage Chambers<br>3 Parsonage<br>12 St Ann's Square        | <u>Description of Property</u> : Warehouse and offices<br><u>Type of Bomb</u> : Blast<br><u>Indication of Damage</u> : Broken glass<br><u>Type of Damage</u> : E<br><i>This incident occurred approximately 175m north-east of the site.</i>                          |
| 1 <sup>st</sup> /2 <sup>nd</sup> June 1941 | 4 Parsonage Gardens, Deansgate                                 | <u>Description of Property</u> : Offices<br><u>Type of Bomb</u> : Blast<br><u>Indication of Damage</u> : Broken glass<br><u>Type of Damage</u> : E<br><i>This incident occurred approximately 75m east of the site.</i>                                               |
| 1 <sup>st</sup> /2 <sup>nd</sup> June 1941 | 4 Parsonage Gardens, Deansgate                                 | <u>Description of Property</u> : Office<br><u>Type of Bomb</u> : Not recorded<br><u>Indication of Damage</u> : Plate glass<br><u>Type of Damage</u> : E<br><i>This incident occurred approximately 75m east of the site.</i>                                          |



### 11.11. WWII-Era Aerial Photography

WWII-era aerial photography for the site area was obtained from the National Monuments Record Office (Historic England). This photography provides a record of the potential composition of the site during the war, as well as its condition immediately following the war (see **Annex O**).

| WWII-Era Aerial Photography |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                        | Description                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 7 <sup>th</sup> May 1946    | <p>This photograph shows the site in full and confirms damage recorded on the bomb and damage mapping. All buildings within and adjacent to the site in the north have been cleared, including an area of clearance in the south of the site where the <i>Police Station</i> is labelled.</p> <p>Further areas of clearance are visible to the east, south and west of the site, all of which correlates with bomb damage mapping.</p> |

### 11.12. Abandoned Bombs

A post air-raid survey of buildings, facilities, and installations would have included a search for evidence of bomb entry holes. If evidence of an entry hole was encountered, Bomb Disposal Officer Teams would normally have been requested to attempt to locate, render safe, and dispose of the bomb. Occasionally, evidence of UXBs was discovered but due to a relatively benign position, access problems, or a shortage of resources the UXB could not be exposed and rendered safe. Such an incident may have been recorded and noted as an 'abandoned bomb'.

Given the inaccuracy of WWII records, and the fact that these bombs were 'abandoned', their locations cannot be considered definitive or the lists exhaustive. The MoD states that 'action to make the devices safe would be taken only if it was thought they were unstable'. It should be noted that other than the 'officially' abandoned bombs, there will inevitably be UXBs that were never recorded.

1<sup>st</sup> Line Defence holds no records of officially registered abandoned bombs at or near the site of the proposed works.

### 11.13. Bomb Disposal Tasks

The information service from the Explosive Ordnance Disposal (EOD) Archive Information Office at 33 Engineer Regiment (EOD) (now 29 Regt) is currently facing considerable delay. It has therefore not been possible to include any updated official information regarding bomb disposal/clearance tasks with regards to this site. A database of known disposal/clearance tasks has been referred to which does not make reference to such instances occurring within the site of proposed works. If any relevant information is received at a later date, Curtins Consulting Limited will be advised.

**11.14. Evaluation of German Aerial Delivered UXO Records**

| Factors                                                                                                                                                                                                                                                                                                                                                                                                    | Conclusion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Density of Bombing</b><br><i>It is important to consider the bombing density when assessing the possibility that UXBs remain in an area. High bombing density could allow for error in record keeping due to extreme damage caused to the area.</i>                                                                                                                                                     | <p>During WWII the site was located within the County Borough of Manchester, which according to official Home Office bombing statistics sustained an overall low density of bombing, this comprised a total of 738 items of ordnance across the 27,255 acre district.</p> <p>Although Manchester was not targeted to the same extent as cities such as London and Birmingham, it was subject to several major raids, the worst of which is often referred to as the 'Christmas Blitz'.</p> <p>Bomb plot and damage mapping obtained from the University of Manchester does not record any bombing on site, however does list buildings on site as sustaining damage described as 'demolished' and 'partially damaged'. Written records confirm the wider area surrounding the site was subject to heavy incendiary bombing 'showers' which gutted the buildings affected, which may account for the level of damage recorded on the mapping.</p> <p>The nearest H.E. bomb strike is recorded adjacent to the southernmost point of the site, within the <i>Police Station</i>.</p> |
| <b>Damage</b><br><i>If buildings or structures on a site sustained bomb or fire damage, any resulting rubble and debris could have obscured the entry holes of unexploded bombs dropped during the same or later raids. Similarly, a high explosive bomb strike in an area of open agricultural land will have caused soil disturbance, increasing the risk that a UXB entry hole would be overlooked.</i> | <p>As previously mentioned, bomb plot and damage mapping for the city of Manchester records significant damage on site, with both 'demolished' and 'partially damaged' structures within and adjoining the site.</p> <p>Post-WWII OS mapping dated 1950-1951 shows the site to be occupied primarily by areas of cleared land now labelled 'ruin', but which were previously occupied by buildings. Post-war aerial photography from 1946 confirms this, showing the site to comprise cleared land in the north and south, and to be surrounded by the same to the east, south and west.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Ground Cover</b><br><i>The nature of the ground cover present during WWII would have a substantial influence on any visual indication that may indicate UXO being present.</i>                                                                                                                                                                                                                          | <p>Given the site was occupied by a number of structures pre-war, it is anticipated groundcover would have been conducive to the detection of evidence of UXO, at least at the beginning of the war. Furthermore, it is likely groundcover would have been good within the centre, where <i>Albert Road</i> intersects the site.</p> <p>However, following bomb strikes/incendiary showers there is a chance the site would have been occupied by rubble for a time, leading to groundcover becoming significantly less conducive to the detection of UXO.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Access Frequency</b><br><i>UXO in locations where access was irregular would have a greater chance of passing unnoticed than at those that were regularly occupied. The importance of a site to the war effort is also an important consideration as such sites are likely to have been both frequently visited and subject to post-raid checks for evidence of UXO.</i>                                | <p>Similarly to groundcover, it is expected the site would have been subject to frequent access at the beginning of the war, however following bomb strikes/incendiary showers/damage it is likely access would have significant reduced and/or ceased.</p> <p>Infrequent access increases the likelihood of items of UXO going unnoticed.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Bomb Failure Rate</b>                                                                                                                                                                                                                                                                                                                                                                                   | <p>There is no evidence to suggest that the bomb failure rate in the locality of the site would have been dissimilar to the 10% normally used.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |



|                            |                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Abandoned Bombs</b>     | 1 <sup>st</sup> Line Defence holds no records of abandoned bombs at or within the site vicinity.                        |
| <b>Bombing Decoy sites</b> | 1 <sup>st</sup> Line Defence could find no evidence of bombing decoy sites within the site vicinity.                    |
| <b>Bomb Disposal Tasks</b> | 1 <sup>st</sup> Line Defence could find no evidence of bomb disposal tasks within the site boundary and immediate area. |

## **12. Introduction to Allied Ordnance**

### **12.1. General**

Many areas across the UK may be at risk from Allied UXO because of both wartime and peacetime military use. Typical military activities and uses that may have led to a legacy of military UXO at a site include former minefields, home guard positions, anti-aircraft emplacements, training and firing ranges, military camps, as well as weapons manufacture and storage areas.

Although land formerly used by the military was usually subject to clearance before returned to civilian use, items of UXO are sometimes discovered and can present a potential risk to construction projects.

It should be highlighted that there is no evidence that the site formerly had any military occupation or usage that could have led to contamination with such items of Allied ordnance. Despite this, urban areas, such as the location of the site, can be at risk from buried unexploded anti-aircraft projectiles fired during WWII – as addressed below.

### **12.2. Defending the UK From Aerial Attack**

During WWII the War Office employed a number of defence tactics against the Luftwaffe from bombing major towns, cities, manufacturing areas, ports and airfields. These can be divided into passive and active defences (examples are provided in the table below).

| Active Defences                                                                                                                                                                                                           | Passive Defences                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Anti-aircraft gun emplacements to engage enemy aircraft.</li><li>• Fighter aircraft to act as interceptors.</li><li>• Rockets and missiles were used later during WWII.</li></ul> | <ul style="list-style-type: none"><li>• Blackouts and camouflaging to hinder the identification of Luftwaffe targets.</li><li>• Decoy sites were located away from targets and used dummy buildings and lighting to replicate urban, military, or industrial areas.</li><li>• Barrage balloons forced enemy aircraft to greater altitudes.</li><li>• Searchlights were often used to track and divert adversary bomber crews during night raids.</li></ul> |

Active defences such as anti-aircraft artillery present a greater risk of UXO contamination than passive defences. Unexploded ordnance resulting from dogfights and fighter interceptors is rarely encountered and difficult to accurately qualify.



### 12.2.1. Anti-Aircraft Artillery (AAA)

During WWII three main types of gun sites existed: heavy anti-aircraft (HAA), light anti-aircraft (LAA) and 'Z' batteries (ZAA). If the projectiles and rockets fired from these guns failed to explode or strike an aircraft they would descend back to land. The table below provides further information on the operation and ordnance associated with these type of weapons.

| Anti-Aircraft Artillery              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |              |                  |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------|------------------|
| Item                                 | Description                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |              |                  |
| HAA                                  | These large calibre guns such as the 3.7" QF (Quick Firing) were used to engage high flying enemy bombers. They often fired large HE projectiles, which were usually initiated by integral fuzes, triggered by impact, area, time delay or a combination of aforementioned mechanisms.                                                                                                                                                        |         |              |                  |
| LAA                                  | These mobile guns were intended to engage fast, low flying aircraft. They were typically rotated between locations on the perimeters of towns and strategically important industrial works. As they could be moved to new positions with relative ease when required, records of their locations are limited. The most numerous of these were the 40mm Bofors gun which could fire up to 120 x 40mm HE projectiles per minute to over 1,800m. |         |              |                  |
| Variations in HAA and LSA Ammunition | Gun type                                                                                                                                                                                                                                                                                                                                                                                                                                      | Calibre | Shell Weight | Shell Dimensions |
|                                      | 3.0 Inch                                                                                                                                                                                                                                                                                                                                                                                                                                      | 76mm    | 7.3kg        | 76mm x 356mm     |
|                                      | 3.7 Inch                                                                                                                                                                                                                                                                                                                                                                                                                                      | 94mm    | 12.7kg       | 94mm x 438mm     |
|                                      | 4.5 Inch                                                                                                                                                                                                                                                                                                                                                                                                                                      | 114mm   | 24.7kg       | 114mm x 578mm    |
|                                      | 40mm                                                                                                                                                                                                                                                                                                                                                                                                                                          | 40mm    | 0.9kg        | 40mm x 311mm     |
| Z-AA                                 | The three inch unrotated rocket/projectile known as the UP-3 had initially been developed for the Royal Navy. The UP-3 was also used in ground-based single and 128-round launchers known as "Z" batteries. The rocket, containing a high explosive warhead was often propelled by cordite.                                                                                                                                                   |         |              |                  |

The conditions in which anti-aircraft projectiles may have fallen unnoticed within a site area are analogous to those regarding aerial delivered ordnance. Unexploded anti-aircraft projectiles could essentially have fallen indiscriminately anywhere within range of the guns. The chance of such items being observed, reported and removed during the war depends on factors such as land use, ground cover, damage and frequency of access – the same factors that govern whether evidence of a UXB is likely to have been noted. More information about these factors with regards to this particular site can be found in the German Aerial Delivered Ordnance section of this report.

Illustrations of Anti-Aircraft artillery, projectiles and rockets are presented at **Appendix viii**.

### 13. The Likelihood of Contamination from Allied Ordnance

#### 13.1. Introduction

There are several factors that may serve to either affirm, increase, or decrease the level of risk within a site with a history of military usage. Such factors are typically dependent upon the proximity of the proposed area of works to training activities, munition productions and storage, as well as its function across the years.

This section will examine the history of the proposed site and assess to what degree, if any, the site could have become contaminated as a result of the military use of the surrounding area.

#### 13.2. Evaluation of Contamination Risk from Allied UXO

1<sup>st</sup> Line Defence has considered the following potential sources of Allied ordnance contamination:

| Sources of Allied UXO Contamination                                                                                                                                                                                                                                                                 | Conclusion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Military Camps</b><br><i>Military camps present an elevated risk from ordnance simply due to the large military presence and likelihood of associated live ordnance training.</i>                                                                                                                | 1 <sup>st</sup> Line Defence could find no evidence of a military camp within the site.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Anti-Aircraft Defences</b><br><i>Anti-Aircraft defences were employed across the country. Proximity to anti-aircraft defences increases the chance of encountering AA projectiles.</i>                                                                                                           | 1 <sup>st</sup> Line Defence could find no evidence of Anti-Aircraft defences such as a HAA or LAA gun emplacement occupying or bordering the site. The closest HAA was located approximately 1.6km north-west of the site, in the vicinity of <i>The Meadow</i> in Salford. Despite this distance the maximum effective range of an AA projectile can be up to 15km.<br><br>The conditions in which HAA or LAA projectiles may have fallen unnoticed within a site footprint are analogous to those regarding German aerial delivered ordnance. |
| <b>Home Guard Activity</b><br><i>The Home Guard regularly undertook training and ordnance practice in open areas, as well as burying ordnance as part of anti-invasion defences.</i>                                                                                                                | Evidence of Home Guard activity is often difficult to locate, owing to the ad-hoc nature of Home Guard activity within each local area. Such training was often conducted on a small scale at the discretion of individual commanders and as such was seldom recorded officially. As such, no positive evidence could be found to confirm the presence of HG units within proximity to the site.                                                                                                                                                 |
| <b>Defensive Positions</b><br><i>Defensive positions suggest the presence of military activity, which is often indicative of ordnance storage, usage or disposal.</i>                                                                                                                               | There is no evidence of any pillbox, emplacement or other defensive features formerly located on or bordering the site footprint.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Training or firing ranges</b><br><i>Areas of ordnance training saw historical ordnance usage in large numbers, often with inadequate disposal of expended and live items. The presence of these ranges significantly impact on the risk of encountering items of ordnance in their vicinity.</i> | No evidence of training or firing ranges could be found within the site or surrounding area.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |



|                                                                                                                                                                                                                          |                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Defensive Minefields</b><br><i>Minefields were placed in strategic areas to defend the country in the event of a German invasion. Minefields were not always cleared with an appropriate level of vigilance.</i>      | There is no evidence of defensive minefields affecting the site.                                           |
| <b>Ordnance Manufacture</b><br><i>Ordnance manufacture indicates an increased chance that items of ordnance were stored, or disposed of, within a location.</i>                                                          | No information of ordnance being stored, produced, or disposed of within the proposed site could be found. |
| <b>Military Related Airfields</b><br><i>Military airfields present an elevated risk from ordnance simply due to the large military presence and likelihood of associated live ordnance training or bombing practice.</i> | The site was not situated within the perimeters or vicinity of a military airfield.                        |

## 14. The Likelihood of UXO Contamination Summary

The following table assesses the likelihood that the site was contaminated by items of German aerial delivered and Allied ordnance. Factors such as the risk of UXO initiation, remaining, and encountering will be discussed later in the report.

| UXO Contamination Summary               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Quality of the Historical Record</b> | <p>The research has evaluated pre- and post-WWII Ordnance Survey maps, pre-WWII oblique aerial photography, Luftwaffe target mapping, University of Manchester bomb and damage map, and interactive 'Christmas Blitz' map, Graham Phythian's 'Blitz Britain; Manchester and Salford', damage cards for housing and properties, and post-WWII aerial photography.</p> <p>The record set is of generally mixed quality, while there are a number of record sets available for consultation, they are not all comprehensive and do not always corroborate each other. Nevertheless, the available record sets for this site have allowed us to make a comprehensive assessment of the risk.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>German Aerial Delivered Ordnance</b> | <ul style="list-style-type: none"> <li>During WWII the site was located within the County Borough of Manchester, which according to official Home Office bombing statistics sustained an overall low density of bombing. This comprised a total of 738 items of ordnance across the 27,255 acre district. Although Manchester was not targeted to the same extent as cities such as London and Birmingham, it was subject to several major raids, the worst of which is often referred to as the 'Christmas Blitz'.</li> <li>Bomb plot and damage mapping for the city of Manchester records significant damage on site, described as 'demolished' and 'partially damaged'. These levels of damage are visible within the immediate vicinity of the site also. The nearest H.E. bomb strike is recorded adjacent to the southernmost point of the site, within the Police Station, and this is visible on bomb mapping. The nearest H.E. bomb strike reported in written records was located approximately 75m east of the site, at Parsonage Gardens.</li> <li>Written records also confirm the wider area surrounding the site was subject to heavy incendiary bombing 'showers' which gutted the buildings affected, including buildings on Albert Street where the site was situated (roads have since been reconfigured and names changed).</li> <li>Subsequent to bombing, the site looks to have sustained significant damage. Post-WWII OS mapping dated 1950-1951 shows the site to be occupied primarily by areas of cleared land labelled 'ruin'. Post-war aerial photography from 1946 confirms this, showing the site to comprise cleared land in the north and south, and to be surrounded by the same to the east, south and west.</li> <li>Following the bomb strikes/incendiary showers and damage, the site would likely have been occupied by ruined structures for a time, leading to groundcover becoming significantly less conducive to the detection of UXO, which may be more easily be obscured under rubble and debris, and access reducing/ceasing altogether. Such conditions may increase the likelihood of UXO indicators going unnoticed and unreported.</li> <li>In summary, multiple H.E. and incendiary bombing incidents were reported within the vicinity of the site, and post-WWII OS mapping, photography, and damage mapping appear to confirm the site sustained significant damage as a result. Furthermore, it is anticipated both access and groundcover would have reduced following bombing incidents and damage, which may increasing the likelihood that indicators of UXO would have been obscured and missed. As a result of these factors, the risk of German aerial delivered and anti-aircraft UXO on site has been assessed as <b>Medium</b>.</li> </ul> |
| <b>Allied Ordnance</b>                  | <ul style="list-style-type: none"> <li>There is no evidence that the site formerly had any military occupation or usage that could have led to contamination with items of Allied ordnance, such as LSA and SAA. The conditions in which HAA or LAA projectiles may have fallen unnoticed within the site boundary are however analogous to those regarding aerial delivered ordnance.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |



## **15. The Likelihood that UXO Remains**

### **15.1. Introduction**

It is important to consider the extent to which any explosive ordnance clearance (EOC) activities or extensive ground works have occurred on site. This may indicate previous ordnance contamination or reduce the risk that ordnance remains undiscovered.

### **15.2. UXO Clearance**

1<sup>st</sup> Line Defence has found no evidence in the public domain or within internal records that any official ordnance clearance operations have taken place on site. Note however that we have not received confirmation of this fact from the 33 EOD Regiment Archive (now part of 29 Regt). It should also be noted that in addition to 29 Regt archival information, 1<sup>st</sup> Line Defence also do not currently have access to data that may be relevant including 5131(BD)SQN Archive, SD Training Technical Advisory Section (TAS) and MACA Records (bomb disposal callouts).

If such information is available at a later date, it is recommended that it be reviewed as it will assist with understanding both levels and types of contamination likely to be present, and may indicate risk reduction in certain areas.

### **15.3. Post-War Redevelopment**

It appears the site and general area underwent significant development in the post-war era – the roadways were reconfigured and the surrounding area redeveloped. The building on site currently appears to have been constructed in the late 1970s/early 1980s.

The risk of UXO remaining is considered to be mitigated at the location of and down to the depth of any post-war redevelopment on site. For example, the risk from deep buried UXO will only have been mitigated within the volumes of any post-war pile foundations or deep excavations for basement levels. The risk will however remain within virgin geology below and amongst these post-war works, down to the maximum bomb penetration depth.

## **16. The Likelihood of UXO Encounter**

### **16.1. Introduction**

For UXO to pose a risk at a site, there should be a means by which any potential UXO might be encountered on that site.

The likelihood of encountering UXO on the site of proposed works would depend on various factors, such as the type of UXO that might be present and the intrusive works planned on site. In most cases, UXO is more likely to be present below surface (buried) than on surface.

In general, the greater the extent and depth of intrusive works, the greater the risk of encountering. The most likely scenarios under which items of UXO could be encountered during construction works is during piling, drilling operations or bulk excavations for basement levels. The overall risk will depend on the extent of the works, such as the numbers of boreholes/piles (if required) and the volume of the excavations.

Generally speaking, the risk of encountering any type of UXO will be minimal for any works planned within the footprint and down to the depth of post-war foundations and excavations.

### **16.2. Encountering Aerial Delivered Ordnance**

Since an aerial delivered bomb may come to rest at any depth between just below ground level and its maximum penetration depth, there is a chance that such an item (if present) could be encountered during shallow excavations (for services or site investigations) into the original WWII ground level as well as at depth.



## **17. The Likelihood of UXO Initiation**

### **17.1. Introduction**

UXO does not spontaneously explode. Older UXO devices will require an external event/energy to create the conditions for detonation to occur. The likelihood that a device will function can depend on a number of factors including the type of weaponry, its age and the amount of energy it is struck with.

### **17.2. Initiating Aerial Delivered Ordnance**

Unexploded bombs do not spontaneously explode. All high explosive filling requires significant energy to create the conditions for detonation to occur.

In recent decades, there have been a number of incidents in Europe where Allied UXBs have detonated, and incidents where fatalities have resulted. There have been several hypotheses as to the reason why the issue is more prevalent in mainland Europe – reasons could include the significantly greater number of bombs dropped by the Allied forces on occupied Europe, the preferred use by the Allies of mechanical rather than electrical fuzes, and perhaps just good fortune. The risk from UXO in the UK is also being treated very seriously in many sectors of the construction industry, and proactive risk mitigation efforts will also have affected the lack of detonations in the UK.

There are certain construction activities which make initiation more likely, and several potential initiation mechanisms must be considered:

| <b>UXB Initiation</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Direct Impact</b>          | Unless the fuze or fuze pocket is struck, there needs to be a significant impact e.g. from piling or large and violent mechanical excavation, onto the main body of the weapon to initiate a buried iron bomb. Such violent action can cause the bomb to detonate.                                                                                                                                                                             |
| <b>Re- starting the Clock</b> | A small proportion of German WWII bombs employed clockwork fuzes. It is probable that significant corrosion would have taken place within the fuze mechanism over the last 70+ years that would prevent clockwork mechanisms from functioning. Nevertheless, it was reported that the clockwork fuze in a UXB dealt with by 33 EOD Regiment in Surrey in 2002 did re-start.                                                                    |
| <b>Friction Impact</b>        | The most likely scenario resulting in the detonation of a UXB is friction impact initiating the shock-sensitive fuze explosive. The combined effects of seasonal changes in temperature and general degradation over time can cause explosive compounds to crystallise and extrude out from the main body of the bomb. It may only require a limited amount of energy to initiate the extruded explosive which could detonate the main charge. |

## **18. Consequences of Initiation/Encounter**

### **18.1. Introduction**

The repercussions of the inadvertent detonation of UXO during intrusive ground works, or if an item or ordnance is interfered with or disturbed, are potentially profound, both in terms of human and financial cost. A serious risk to life and limb, damage to plant and total site shutdown during follow-up investigations are potential outcomes. However, if appropriate risk mitigation measures are put in place, the chances of initiating an item of UXO during ground works is comparatively low.

The consequences of encountering UXO can be particularly notable in the case of high-profile sites (such as airports and train stations) where it is necessary to evacuate the public from the surrounding area. A site may be closed for anything from a few hours to a week with potentially significant cost in lost time. It should be noted that even the discovery of suspected or possible item of UXO during intrusive works (if handled solely through the authorities), may also involve significant loss of production

### **18.2. Consequences of Detonation**

When considering the potential consequences of a detonation, it is necessary to identify the significant receptors that may be affected. The receptors that may potentially be at risk from a UXO detonation on a construction site will vary depending on the site specific conditions but can be summarised as follows:

- People – site workers, local residents and general public.
- Plant and equipment – construction plant on site.
- Services – subsurface gas, electricity, telecommunications.
- Structures – not only visible damage to above ground buildings, but potentially damage to foundations and the weakening of support structures.
- Environment – introduction of potentially contaminating materials.



## 19. 1<sup>st</sup> Line Defence Risk Assessment

### 19.1. Risk Assessment Stages

Taking into account the quality of the historical evidence, the assessment of the overall risk from unexploded ordnance is based on the following five considerations:

1. That the site was contaminated with unexploded ordnance.
2. That unexploded ordnance remains on site.
3. That such items will be encountered during the proposed works.
4. That ordnance may be initiated by the works operations.
5. The consequences of encountering or initiating ordnance.

### 19.2. Assessed Risk Level

1<sup>st</sup> Line Defence has assessed that there is an overall **Medium Risk** from German and anti-aircraft unexploded ordnance at the site of proposed works. There is also an assessed **Negligible Risk** from Allied LSA/SAA unexploded ordnance.

| Ordnance Type                                 | Risk Level |     |        |      |
|-----------------------------------------------|------------|-----|--------|------|
|                                               | Negligible | Low | Medium | High |
| German Unexploded HE Bombs                    |            |     | ✓      |      |
| German 1kg Incendiary Bombs                   |            |     | ✓      |      |
| Anti-Aircraft Artillery Projectiles           |            |     | ✓      |      |
| Allied Land Service and Small Arms Ammunition | ✓          |     |        |      |

This report has been undertaken with due diligence, and all reasonable care has been taken to access and analyse relevant historical information. By necessity, when dealing historical evidence, and when making assessments of UXO risk, various assumptions have to be made which we have discussed and justified throughout this report. Our reports take a common-sense and practical approach to the assessment of risk, and we strive to be reasonable and pragmatic in our conclusions.

It should however be stressed that if any suspect items are encountered during the proposed works, 1<sup>st</sup> Line Defence should be contacted for advice/assistance, and to re-assess the risk where necessary. The mitigation measures outlined in the next section are recommended as a minimum precaution to alert ground personnel to the history of the site, what to look out for, and what measures to take in the event that a suspect item is encountered. It should also be noted that the conclusions of this report are based on the scope of works outlined in the 'Proposed Works' section of this report. Should the scope of works change or additional works be proposed, 1<sup>st</sup> Line Defence should be contacted to re-evaluate the risk.

## 20. Proposed Risk Mitigation Methodology

### 20.1. General

The following risk mitigation measures are recommended to support the proposed works at Alberton House, Manchester:

| Type of Work                             | Recommended Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| All Works                                | <ul style="list-style-type: none"> <li><b>UXO Risk Management Plan</b><br/>It is recommended that a site-specific plan for the management of UXO risk be written for this site. This plan should be kept on site and be referred to in the event that a suspect item of UXO is encountered at any stage of the project. It should detail the steps to be taken in the event of such a discovery, considering elements such as communication, raising the alarm, nominated responsible persons etc. Contact 1<sup>st</sup> Line Defence for help/more information.</li> <li><b>Site Specific UXO Awareness Briefings to all personnel conducting intrusive works.</b><br/>As a minimum precaution, all personnel working on the site should be briefed on the basic identification of UXO and what to do in the event of encountering a suspect item. This should in the first instance be undertaken by a UXO Specialist. Posters and information on the risk of UXO can be held in the site office for reference.</li> </ul> |
| Shallow Intrusive Works/Open Excavations | <ul style="list-style-type: none"> <li><b>Unexploded Ordnance (UXO) Specialist Presence on Site to support shallow intrusive works</b><br/>When on site the role of the UXO Specialist would include:               <ul style="list-style-type: none"> <li>Monitoring works using visual recognition and instrumentation, including immediate response to reports of suspicious objects or suspected items of ordnance that have been recovered by the ground workers on site.</li> <li>Providing UXO awareness briefings to any uninformed staff and advise staff of the need to modify working practices to take account of the ordnance risk.</li> <li>To aid incident management which would involve liaison with the local authorities and police should ordnance be identified and present an explosive hazard.</li> </ul> </li> </ul>                                                                                                                                                                                  |
| Borehole/Piles                           | <ul style="list-style-type: none"> <li><b>Intrusive Magnetometer Survey of all borehole and pile locations down to a maximum bomb penetration depth:</b><br/>1<sup>st</sup> Line Defence can deploy a range of intrusive magnetometer techniques to clear pile locations. The appropriate technique is influenced by a number of factors, but most importantly the site's ground conditions. The appropriate survey methodology would be confirmed once the enabling works have been completed.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

In making this assessment and recommending these risk mitigation measures, if known, the works outlined in the 'Scope of the Proposed Works' section were considered. Should the planned works be modified or additional intrusive engineering works be considered, 1<sup>st</sup> Line Defence should be consulted to see if a re-assessment of the risk or mitigation recommendations is necessary.

1<sup>st</sup> Line Defence Limited

09/09/2021

This Report has been produced in compliance with the Construction Industry Research and Information Association (CIRIA) C681 guidelines for the writing of Detailed UXO Risk Assessments.



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Project: **Alberton House, Manchester**

Ref: **DA13971-00**

Source: Google Maps

 **Approximate site boundary**





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Project: **Alberton House, Manchester**

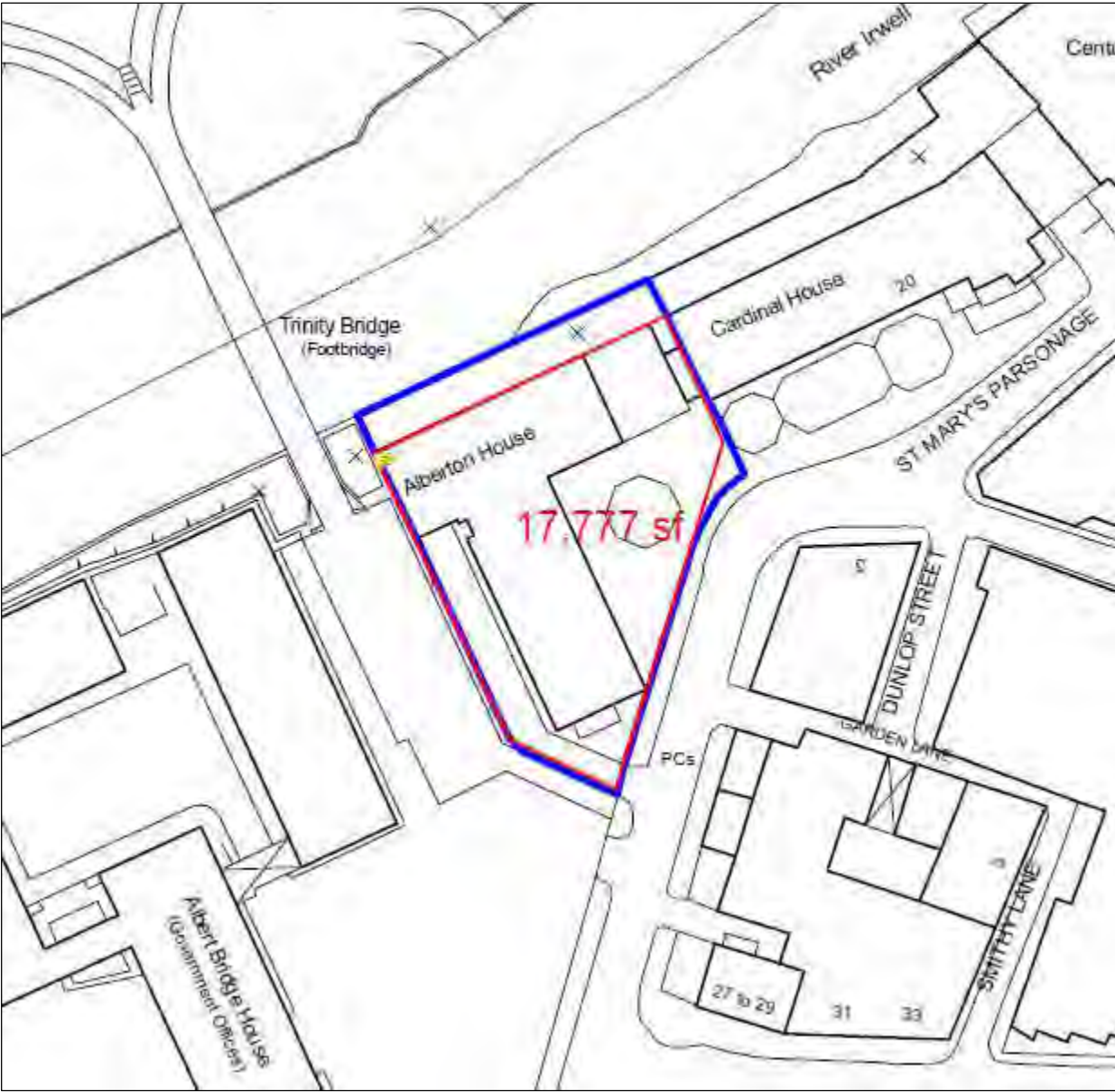


Ref: **DA13971-00**

Source: Google Earth™ Mapping Services

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 **Approximate site boundary**

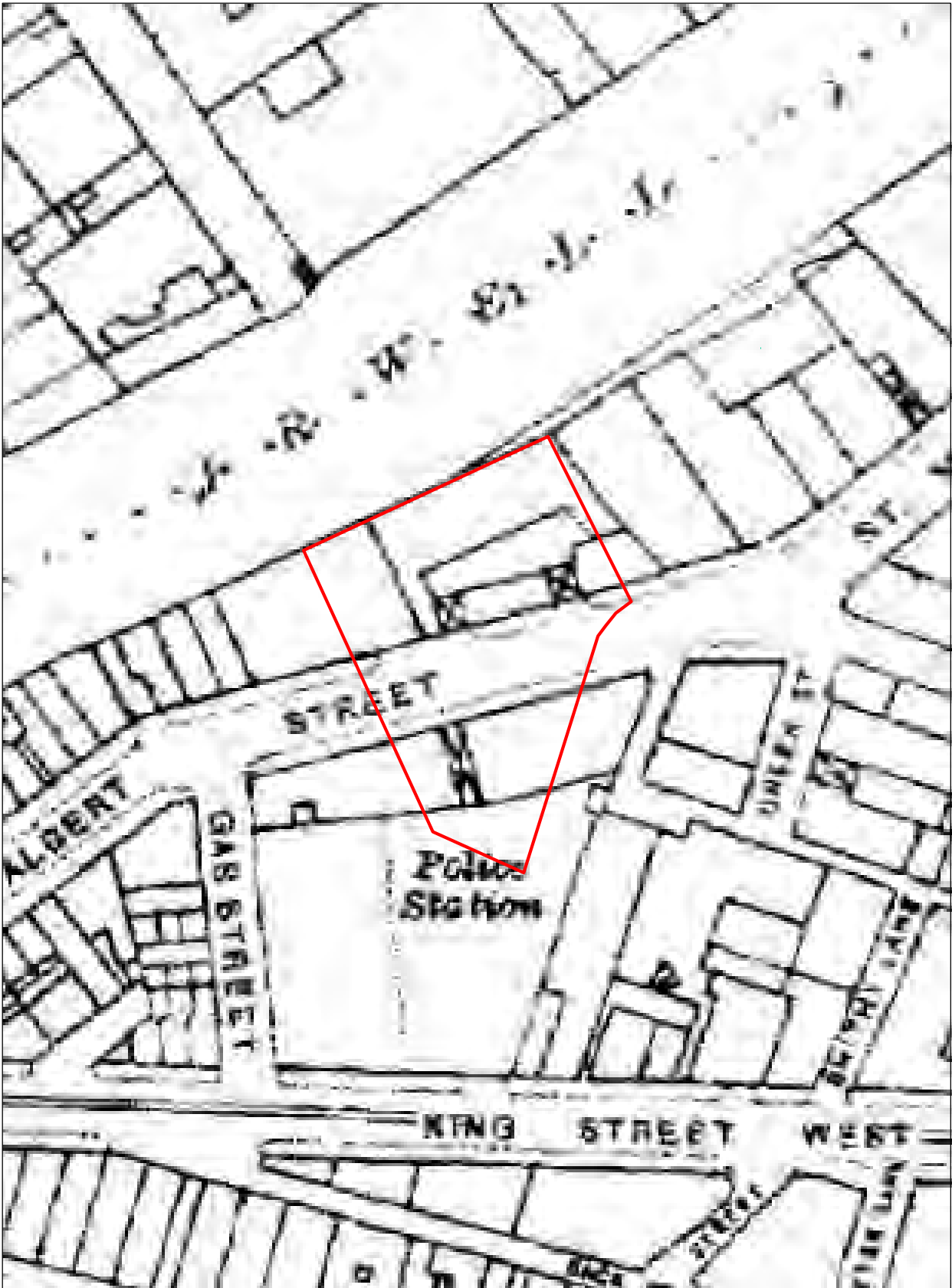


Project: **Alberton House, Manchester**

Ref: **DA13971-00**

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Client: **Curtins Consulting Limited**

**Approximate site boundary**

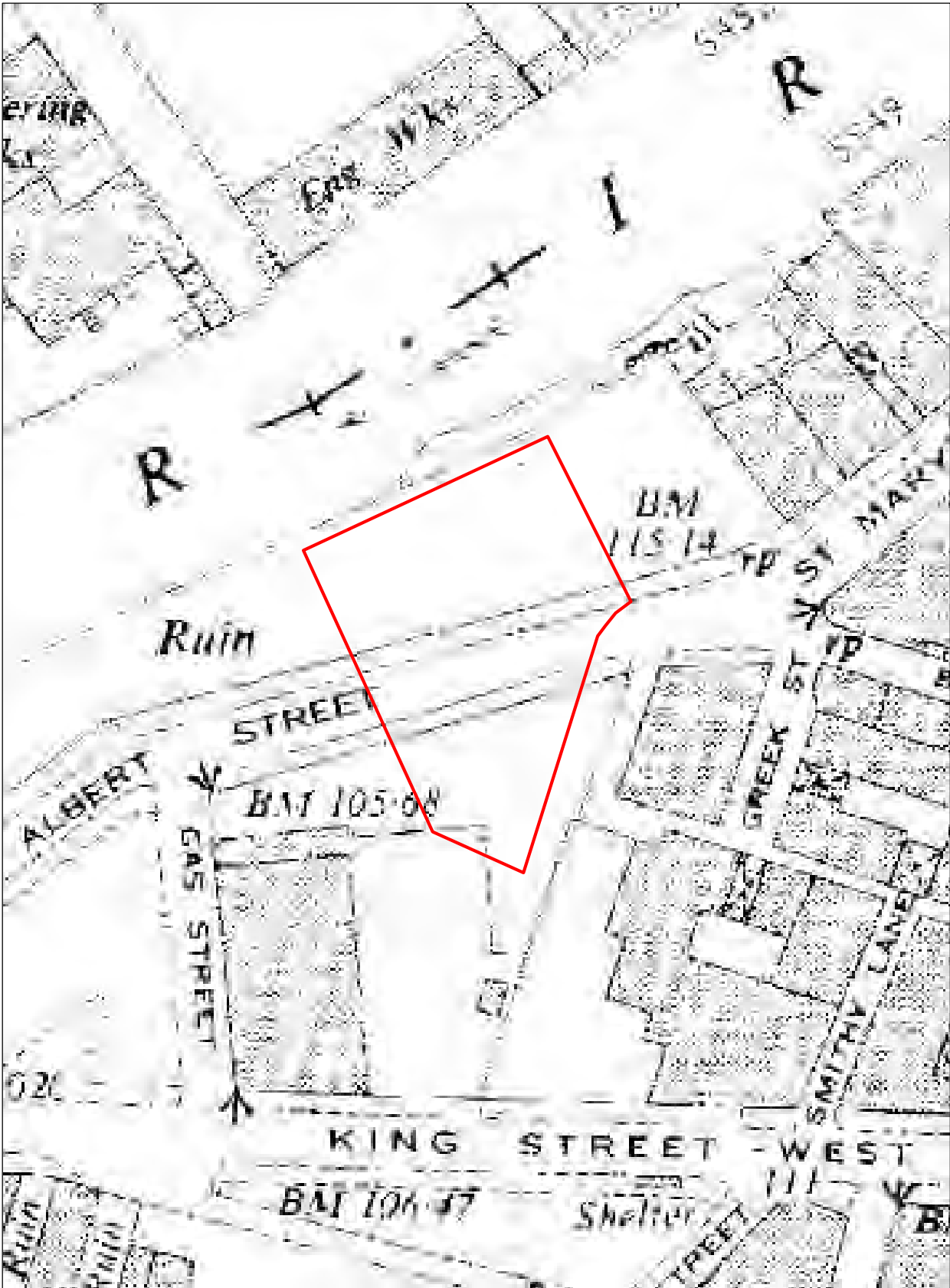
Project: **Alberton House, Manchester**

Ref: **DA13971-00**

Source: **Landmark Maps**







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Project: Alberton House, Manchester

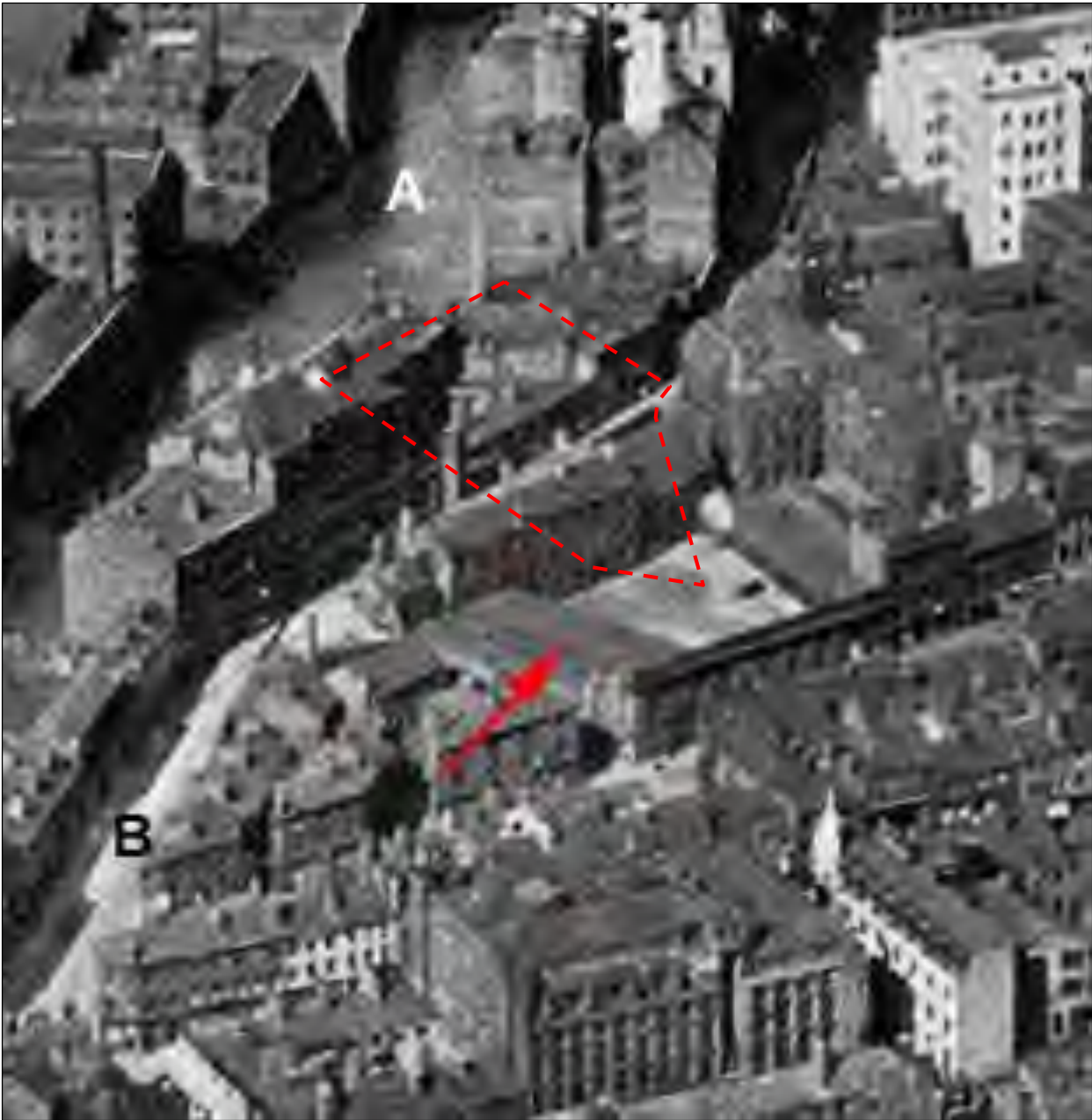
Ref: DA13971-00

Source: Landmark Maps

— Approximate site boundary



Date Unknown, though anticipated pre-war



- A River Irwell
- B Albert Street
- Old Police Station



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Client: Curtins Consulting Limited

..... Approximate site boundary

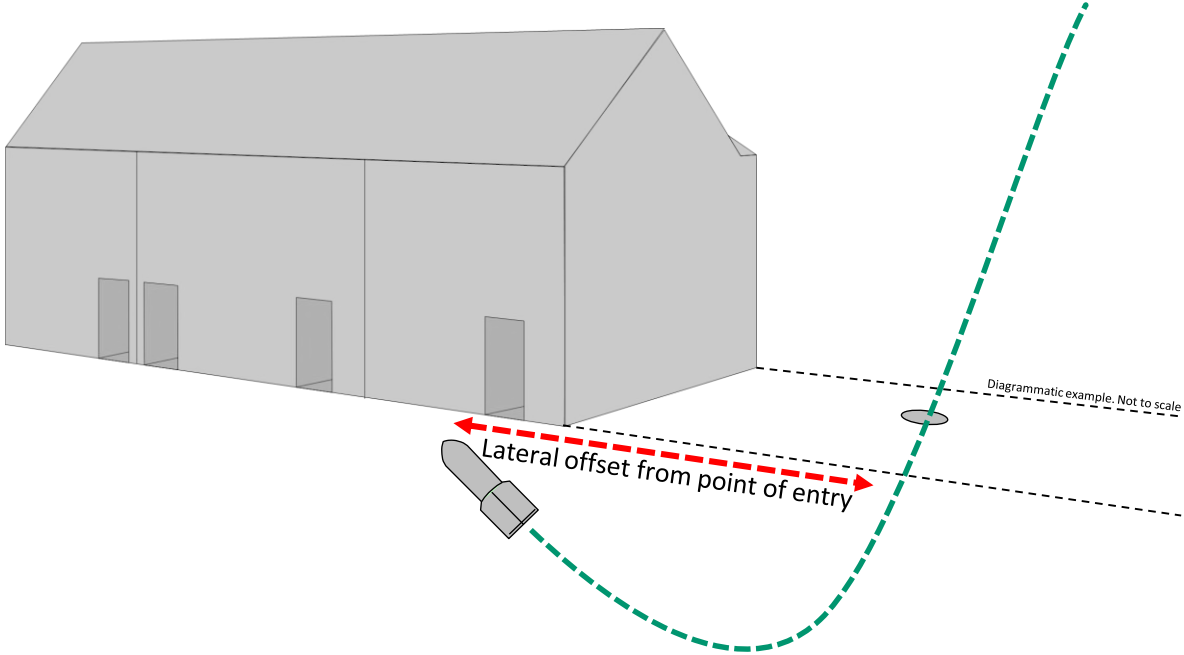
Project: Alberton House, Manchester

Ref: DA13971-00

Source: ManchesterHistory.net

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**Top:** J-curve Effect - Due to angle of entry, unexploded bombs would often end their trajectory at a lateral offset from point of entry, often ending up beneath adjacent extant structures/sites. The photograph above shows 250kg bomb found in Bermondsey pointing upwards, demonstrating ‘J-curve’



One of the most common scenarios for UXO going unnoticed was when a UXB fell into a ‘bomb site’ (such as the area shown **Top Left**), the entry hole of the bomb obscured by any debris and rubble present. Note that the entry hole of a 50kg UXB could be as little as 20cm in diameter (**Left**).



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Client: Curtins Consulting Limited

Project: Alberton House, Manchester

Ref: DA13971-00

Source: Various sources

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### Bermondsey bomb: World War Two device safely removed



RUPERT FREIRE

An unexploded World War Two bomb found in south London has been driven away safely under police and Army escort.

The 500lb (250kg) device was found on a building site in Grange Walk, Bermondsey on Monday.

March 2015



### Bethnal Green WW2 bomb: Experts remove unexploded device



CROWN COPYRIGHT

An unexploded World War Two bomb that prompted the evacuation of 700 people in east London has been made safe and removed by the military.

Families spent the night in a school hall after the 500lb bomb was found in the basement of a building site on Temple Street, in Bethnal Green, on Monday afternoon.

A 200m (650ft) exclusion zone was set up around the device.

August 2016



### Bath WW2 bomb scare: Device defused, police say



EPA

A 500lb World War Two bomb found on the site of a former school in Bath has been defused and made safe.

The discovery of the bomb on Thursday led to the evacuation of hundreds of homes and many road closures in the Lansdown area of the city.

A cordon around the site was lifted on Friday evening, more than 24 hours after residents were asked to leave their homes.

May 2016



### London City Airport reopens after WW2 bomb moved



London City Airport has reopened after an unexploded 500kg World War Two bomb was safely moved from the area.

The device was discovered at the King George V Dock on Sunday during planned work at the east London airport.

All flights were cancelled on Monday after an exclusion zone was put in place, with the closure affecting up to 16,000 passengers and nearby residents being evacuated from their homes.

May 2015



BASF has confirmed that an explosive device, most likely a World War II-era bomb, caused the blast that left one person injured Tuesday at a plant construction site in Germany.

The explosion was reported at BASF's Ludwigshafen toluene diisocyanate (TDI) plant, which recently broke ground for a 300,000 metric tons per year TDI production plant and other construction to expand its facilities.



BASF Provides Some Details

Responding to a request from *PaintSquare News* for more information on Wednesday (Feb. 27), BASF's manager of media relations and corporate communications Europe, Ursula von Stetten, wrote in an email, "So here [are] the facts: The detonation took place at 10:00 a.m. One person was injured; the injury is not serious. He will be kept in the hospital for some days.

"Cause of the detonation was an explosive device, presumably a bomb deriving from the Second World War. The device detonated when grounding work was done. No details on [a] delay [are] available. At the moment, the exact circumstances of the incident are [being] evaluated."

1<sup>st</sup> March 2013

SPIEGEL ONLINE

Blast Kills One  
World War II Bomb Explodes on German Motorway

A highway construction worker in Germany accidentally struck an unexploded World War II bomb, causing an explosion which killed him and wrecked several passing cars.



A World War II bomb has exploded during construction work on a German highway, killing one worker and injuring several motorists who were driving past, police said.

The worker had been cutting through the road surface near the south-western town of Aschaffenburg when his machine struck the bomb and triggered it. Police said they weren't sure yet what type of bomb it was. "The explosion seems to have been too small for it to have been an aircraft bomb," a police spokesman said.

23<sup>rd</sup> October 2006

WWII bomb injures 17 at Hattingen construction site



Seventeen people were injured on Friday when a construction crew unwittingly detonated a buried World War II-era bomb in Hattingen.

An excavator apparently drove over a 250-kilogramme (550 pound) American bomb, damaging surrounding buildings. Most of the injured suffered auditory trauma from the blast, and the excavator operator suffered injuries to his hands, police in the German state of *North Rhine-Westphalia* said.

"The hole was astoundingly small for such a large bomb full of so many explosives," Armin Gebhard, head of the Arnsberg department for military ordnance removal, told *The Local*. "But of course it damaged all the surrounding buildings too. We are really happy it wasn't worse."

19<sup>th</sup> September 2013



World War II bomb kills three in Germany



A special commission is investigating the causes of the explosion, while prosecutors are considering whether the team leader should face charges of manslaughter through culpable negligence, the BBC's *Qiana Lungescu* reports from Berlin.

The blast happened an hour before the defusing operation was due to start.

Officials said the three men who died were experienced sappers, or combat engineers, who over 20 years had defused up to 700 bombs.

More than 7,000 people were immediately evacuated when the 500kg bomb was found. Several schools, a kindergarten and local companies remain closed.

2<sup>nd</sup> June 2010



June 2006



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| Ref:                                                                                                                          | DA13971-00                 | Source: | Various news sources |
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## Unexploded Second World War bomb discovered under Somerset footpath

Western Daily Press



The unexploded bomb was found in Somerset

The unexploded bomb was found in Somerset, the Second World War was found in Somerset - Somerset & Dorset Railway Company

21 August 2014 Last updated at 15:01

## Unexploded WW2 bomb found at Kenfig Pool, Bridgend



Kenfig Pool, where the bomb was found in Gwent

Bomb experts have been called to a south Wales nature reserve after an unexploded World War Two shell was discovered by a walker in Bridgend.

Dean Smith, 38, of Pyle, was walking near Kenfig Pool on Saturday when he saw a tin sticking out of the sand.

He reached down to pick it up, but ended up falling and landed with the 25-lb (10 kg) bomb on top of him.

The site has been cordoned off by police and the Royal Logistics Corps will carry out a controlled explosion.

### Related Stories

"Panic" as dog nearly thrown grenade  
WW2 bomb found at wind farm exploded  
WWII bomb found in kitchen cupboard

## Mortar thought to be from WWII found on Oshawa's Camp-X grounds

August 24, 2016 | 5:42 am



What is believed to be a World War II mortar has been discovered in south Oshawa. A man out at Interlark Park, the site of the Camp-X Second World War training grounds, discovered the round with his metal detector on Tuesday evening. Durham police are held the scene overnight awaiting military officials from Trenton to come and properly detonate the mortar.

## Holiday beach cordoned off after landslide sends more than a THOUSAND Second World War bombs and rockets tumbling onto the sands

- Bad weather led to ground movement which exposed the huge arsenal at Mappleton, East Riding
- A dog walker stumbled across the deadly find on Saturday and 15 controlled explosions were carried out
- Rockets, mortar bombs and 25-pounder bombs were recovered after they were fired into the cliffs by RAF aircraft during the war
- Most of the devices were dummy rounds used for bombing practice but contain enough explosives to cause terrible injuries



Bomb Beach Alley: Rockets were found after a landslide on Mappleton beach in 2012

## Unexploded bomb found in farmer's field

1 hour ago



A live Second World War mortar shell was fired up by Army experts after a farmer found it in his field. The discovery was made in the field alongside the A20 between Folkestone and Dover.

The mortar shell, which was around a foot long and 3in in diameter, was around 50m from the main road.

The farmer alerted police and PC Trevor Moody and PCSO Michelle Brady went to the field.

PC Moody contacted the Army, who sent in a bomb disposal unit.

An Army officer confirmed the live shell was from the Second World War and was packed with high explosives.

They moved it a safe distance away from the A20 and carried out a controlled explosion.

PC Moody said: "Given that we live in an area that saw much action during the Second World War, it is not uncommon for us to be alerted about unexploded bombs."

The incident was on Thursday.

• Click here for more news from Kent

## Royal Navy bomb disposal experts remove a World War Two shell discovered in a nature reserve

- A World War Two bomb was discovered in a Plymouth nature reserve
- Amateur metal detector found the shell and partially dug it up
- Royal Navy experts carried the explosive away before disposing of it

By VALERIE EDWARDS FOR MAILONLINE  
PUBLISHED: 01:29, 19 January 2016 | UPDATED: 09:51, 19 January 2016

A World War Two bomb was reportedly found at Efford Nature Reserve in Plymouth after a member of the public was metal detecting and partially dug it up.

The Royal Navy Bomb Disposal team was called in to remove the bomb and police have closed off Military Lane, with the possibility of Military Road also being closed.

Police were called at around 1.30pm yesterday after what appeared to be a shell was discovered and partially dug up near Military Lane, Efford.



## Unexploded bomb found in Axminster

Update: The bomb disposal unit has made the device safe and the road has reopened.

Six homes have been evacuated today after the discovery of an unexploded twice in Axminster.

A Royal Navy bomb disposal team have been called to the scene after a "historic German device" was discovered in a garden.

Police have set up a 20m cordon around the garden in Alexandra Road and evacuated homes in the surrounding area as a precaution.

## Storms and floods unearth unexploded wartime bombs

By Claire Marshall

PC, malheur.com

There has been a dramatic increase in the number of wartime bombs unearthed because of the winter storms and flooding.

Bomb disposal teams in the South West have been alerted to the number of unexploded bombs found in the same period with you.

After a week of rain, the South West has seen a number of unexploded bombs found in the same period with you.

During the same period last year, they dealt with just 108 items.

After 10 years, 3000 items of WWII war debris (including bombs, rockets, and other weapons) have been found in the same period with you.

Unexploded bombs, rockets, and other weapons have been found in the same period with you.

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Land Service Ammunition (LSA) resulting from historic military activity is commonly encountered across the UK by the public and construction industry alike. Such finds are much more common in rural areas than in urban environments, and can often be anticipated in areas such as former RAF stations or ranges. However, many such items are encountered entirely by surprise where the landowner or developer has no knowledge of any previous military use of the land.



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Project: **Alberton House, Manchester**

Ref: **DA13971-00**

Source: Various news sources

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News > UK > Home News

# Manchester city centre evacuated over 'unexploded tank cartridge'

Military bomb disposal team called in to remove device

Chris Baynes | Wednesday 24 October 2018 15:49 |



Police were forced to evacuate a number of buildings in Manchester city centre after an unexploded tank cartridge was found.

A military bomb disposal team was called in after the shell was uncovered on a building site in New Quay Street.

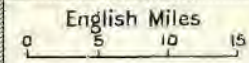
Greater Manchester Police (GMP) closed surrounding roads and told people to leave nearby flats and offices, including the former studios of Granada Television.



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| Ref:     | DA13971-00                 | Source: The Independent |







Luftwaffe Target Mapping, 1941



Manchester

The site is located north of this map.



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Source: Nigel J. Clarke, "Adolf Hitler's Holiday Snaps: England, Scotland and Wales"





Red circle: fire bomb  
Blue circle: high explosive bomb  
Green: line mine  
Solid red shading: demolished building  
Hatched red shading: partially damaged structure



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Approximate site boundary

Project: Alberton House, Manchester

Ref: DA13971-00

Source: The University of Manchester Library

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Client: Curtins Consulting Limited

Project: Alberton House, Manchester

Ref: DA13971-00

Source: Manchester Evening News

— Approximate site boundary



22<sup>nd</sup>/23<sup>rd</sup> Dec 1940

75. KING ST WEST & ALBERT ST

Shower of Incendiary bombs in this area at 9.28 p.m. 22<sup>nd</sup>. Whole of block bounded by Motor St, Albert St, King St West were [*sic*] practically gutted by fires. One H.E. dropped at the junction of Albert St and King St West. No persons injured. Incident now closed.

23<sup>rd</sup>/24<sup>th</sup> Dec 1940

7. BRIDGE ST, WATER ST

H.E. dropped at 8.24 p.m. on building. No fire. Building badly damaged. One slight casualty. Incident closed 9.21 p.m. 23/12/40 by 'A' Sgt. 13.

43. ALBERT BRIDGE, WATER ST, BRIDGE ST

H.E. This incident is connected with incident No. 7, and should be closed with that incident.



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Source: Graham Pythian, Blitz Britain; Manchester and Salford

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10<sup>th</sup> April 1942

|                   |                    |                       |             |                  |          |       |                                  |          |       |         |                   |       |
|-------------------|--------------------|-----------------------|-------------|------------------|----------|-------|----------------------------------|----------|-------|---------|-------------------|-------|
| District <b>C</b> |                    | <b>ALBERT ST</b>      |             |                  |          |       | Incident Date                    |          |       |         |                   |       |
| Sector <b>18</b>  |                    |                       |             |                  |          |       | Date Inspected<br><b>10/4/42</b> |          |       |         |                   |       |
| Card No.          |                    | Continued on Card No. |             |                  |          |       | Inspector<br><b>J.A.B.</b>       |          |       |         |                   |       |
| No.               | H.<br>H.A.S.<br>F. | Classification        | TENANT      | EXTENT OF DAMAGE |          |       |                                  |          |       |         | Re-Classification |       |
|                   |                    |                       |             | Roofs            | Chimneys | Walls | Floors                           | Ceilings | Doors | Windows | Frames            | Class |
| <b>15</b>         |                    | <b>B</b>              | <b>D SC</b> |                  |          |       |                                  |          |       |         |                   |       |
| <b>24</b>         |                    | <b>A</b>              | <b>D SC</b> |                  |          |       |                                  |          |       |         |                   |       |



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Source: Manchester Central Library

1<sup>st</sup>/2<sup>nd</sup> June 1941

|                                                                                                                 |                       |                                      |                                      |                    |
|-----------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------|--------------------------------------|--------------------|
| CITY OF MANCHESTER<br>CITY ARCHITECT'S DEPARTMENT<br>RETURN OF WAR DAMAGE TO PROPERTY                           |                       |                                      | FOR OFFICE USE ONLY                  |                    |
| LOCATION<br><i>Deansgate</i>                                                                                    | DIST.                 | DATE<br><i>1/2/41</i>                | PART<br><i>25-6-4</i>                | SHEET<br><i>18</i> |
| * DESCRIPTION OF PROPERTY<br><i>Office</i>                                                                      |                       | TYPE BOMB<br><i>3.4.57.</i>          | IF ESSENTIAL BLDG.<br>STATE TYPE     |                    |
| FULL ADDRESS AND LOCALITY<br><i>supp. PARSONAGE<br/>National General<br/>Deansgate<br/>St Mary's Parsonage.</i> |                       |                                      |                                      |                    |
| INDICATION OF EXTENT OF DAMAGE                                                                                  |                       |                                      |                                      |                    |
| ROOF                                                                                                            | WALLS                 | FLOORS                               | * GENERALLY<br><i>Plaster glass.</i> |                    |
| DAMAGE TO CONTENTS                                                                                              |                       | INDICATION OF DANGEROUS STATE IF ANY |                                      |                    |
| * TYPE OF DAMAGE<br><i>E</i>                                                                                    | DATE<br><i>9/8/41</i> | TIME                                 | INSPECTOR<br><i>W. G. Pugh</i>       |                    |

1<sup>st</sup>/2<sup>nd</sup> June 1941

|                                                                                       |          |                                      |                                     |                    |
|---------------------------------------------------------------------------------------|----------|--------------------------------------|-------------------------------------|--------------------|
| CITY OF MANCHESTER<br>CITY ARCHITECT'S DEPARTMENT<br>RETURN OF WAR DAMAGE TO PROPERTY |          |                                      | FOR OFFICE USE ONLY                 |                    |
| OWNER<br><i>National General Insurance Co.</i>                                        | OCCUPIER | DATE<br><i>1/2/41</i>                | PART                                | SHEET<br><i>18</i> |
| * DESCRIPTION OF PROPERTY<br><i>Office &amp; Warehouse</i>                            |          | TYPE BOMB                            | IF ESSENTIAL BLDG.<br>STATE TYPE    |                    |
| FULL ADDRESS AND LOCALITY<br><i>supp. Parsonage<br/>Manchester.</i>                   |          | GRID No.                             |                                     |                    |
| INDICATION OF EXTENT OF DAMAGE                                                        |          |                                      |                                     |                    |
| ROOF<br><i>ceiling slight damage</i>                                                  | WALLS    | FLOORS                               | * GENERALLY<br><i>Plaster glass</i> |                    |
| DAMAGE TO CONTENTS                                                                    |          | INDICATION OF DANGEROUS STATE IF ANY |                                     |                    |
| * TYPE OF DAMAGE<br><i>D</i>                                                          | DATE     | TIME                                 | INSPECTOR                           |                    |



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1st/2nd June 1941

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| CITY OF MANCHESTER<br>CITY ARCHITECT'S DEPARTMENT<br>RETURN OF WAR DAMAGE TO PROPERTY |       |                                                                       | FOR OFFICE USE ONLY<br>PART IV SHEET NO. 28 6-41 |                                  |
| LOCATION<br><i>Deansgate</i>                                                          | DIST. | DATE<br><i>23/6/41</i>                                                | TYPE BOMB<br><i>1. HST.</i>                      | IF ESSENTIAL BLDG.<br>STATE TYPE |
| * DESCRIPTION OF PROPERTY<br><i>12 Deansgate 3rd floor</i>                            |       | FULL ADDRESS AND LOCALITY<br><i>12 Deansgate 3rd floor Manchester</i> |                                                  |                                  |
| INDICATION OF EXTENT OF DAMAGE                                                        |       |                                                                       |                                                  |                                  |
| ROOF                                                                                  | WALLS | FLOORS                                                                | * GENERALLY                                      |                                  |
|                                                                                       |       |                                                                       | <i>Broken glass</i>                              |                                  |
| DAMAGE TO CONTENTS                                                                    |       | INDICATION OF DANGEROUS STATE IF ANY                                  |                                                  |                                  |
|                                                                                       |       |                                                                       |                                                  |                                  |
| * TYPE OF DAMAGE <i>1</i>                                                             |       | DATE <i>23/6/41</i>                                                   | TIME                                             | INSPECTOR <i>W. H. H. H.</i>     |

1st/2nd June 1941

|                                                                                       |       |                                                                       |                                                  |                                  |
|---------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------|--------------------------------------------------|----------------------------------|
| CITY OF MANCHESTER<br>CITY ARCHITECT'S DEPARTMENT<br>RETURN OF WAR DAMAGE TO PROPERTY |       |                                                                       | FOR OFFICE USE ONLY<br>PART IV SHEET NO. 28 6-41 |                                  |
| LOCATION<br><i>Deansgate</i>                                                          | DIST. | DATE<br><i>23/6/41</i>                                                | TYPE BOMB<br><i>1. HST.</i>                      | IF ESSENTIAL BLDG.<br>STATE TYPE |
| * DESCRIPTION OF PROPERTY<br><i>12 Deansgate 3rd floor</i>                            |       | FULL ADDRESS AND LOCALITY<br><i>12 Deansgate 3rd floor Manchester</i> |                                                  |                                  |
| INDICATION OF EXTENT OF DAMAGE                                                        |       |                                                                       |                                                  |                                  |
| ROOF                                                                                  | WALLS | FLOORS                                                                | * GENERALLY                                      |                                  |
|                                                                                       |       |                                                                       | <i>Broken glass</i>                              |                                  |
| DAMAGE TO CONTENTS                                                                    |       | INDICATION OF DANGEROUS STATE IF ANY                                  |                                                  |                                  |
|                                                                                       |       |                                                                       |                                                  |                                  |
| * TYPE OF DAMAGE <i>1</i>                                                             |       | DATE <i>23/6/41</i>                                                   | TIME                                             | INSPECTOR <i>W. H. H. H.</i>     |



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1<sup>st</sup>/2<sup>nd</sup> June 1941

|                                                                                       |                                                        |                                                                       |                                                       |                      |
|---------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------|----------------------|
| CITY OF MANCHESTER<br>CITY ARCHITECT'S DEPARTMENT<br>RETURN OF WAR DAMAGE TO PROPERTY |                                                        |                                                                       | FOR OFFICE USE ONLY<br>PART 134.66.6.61<br>SHEET 190. |                      |
| OWNER<br><i>Independent<br/>Order of<br/>Raided</i>                                   | OCCUPIER<br><i>Independent<br/>Order of<br/>Raided</i> | DATE<br><i>12.6.41</i>                                                | ESSENTIAL BLDG.<br>STATE TYPE                         |                      |
| TYPE BLDG                                                                             |                                                        | GRID No.                                                              |                                                       |                      |
| DESCRIPTION OF PROPERTY<br><i>Office.</i>                                             |                                                        | FULL ADDRESS AND LOCALITY<br><i>4. Portage Gardens.<br/>Deamgate.</i> |                                                       |                      |
| INDICATION OF EXTENT OF DAMAGE                                                        |                                                        |                                                                       |                                                       |                      |
| ROOF                                                                                  |                                                        | WALLS                                                                 |                                                       | FLOORS               |
|                                                                                       |                                                        |                                                                       |                                                       | <i>Broken glass.</i> |
| DAMAGE TO CONTENTS                                                                    |                                                        | INDICATION OF DANGEROUS STATE IF ANY                                  |                                                       |                      |
|                                                                                       |                                                        |                                                                       |                                                       |                      |
| TYPE OF DAMAGE<br><i>3</i>                                                            |                                                        | DATE                                                                  | TIME                                                  | INSPECTOR            |



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Client: **Curtins Consulting Limited**

 **Approximate site boundary**

Project: **Alberton House, Manchester**



Ref: **DA13971-00**

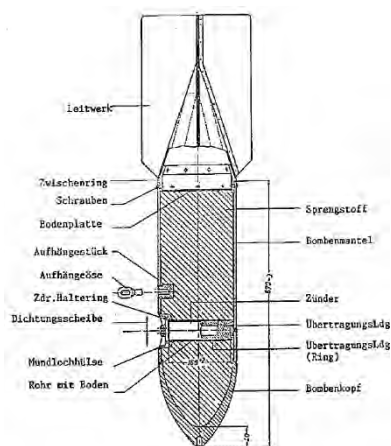
Source: National Monuments Record Office (Historic England)

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# Examples of German Bombs - HE

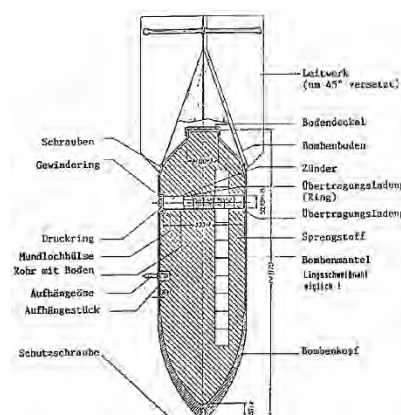
## SC 50kg

|                  |                                                                                                                                           |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Bomb Weight      | 40-54kg (110-119lb)                                                                                                                       |
| Explosive Weight | c25kg (55lb)                                                                                                                              |
| Fuze Type        | Impact fuze/electro-mechanical time delay fuze                                                                                            |
| Bomb Dimensions  | 1,090 x 280mm (42.9 x 11.0in)                                                                                                             |
| Body Diameter    | 200mm (7.87in)                                                                                                                            |
| Use              | Against lightly damageable materials, hangars, railway rolling stock, ammunition depots, light bridges and buildings up to three stories. |
| Remarks          | The smallest and most common conventional German bomb. Nearly 70% of bombs dropped on the UK were 50kg.                                   |



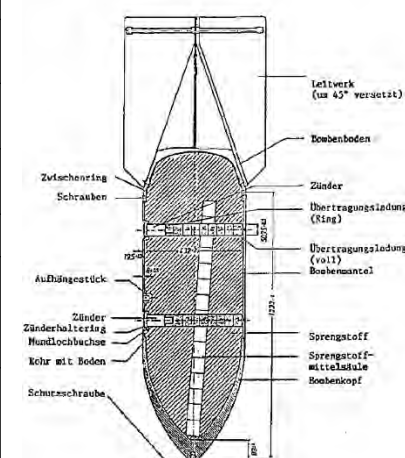
## SC 250kg

|                  |                                                                                                                                                          |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bomb Weight      | 245-256kg (540-564lb)                                                                                                                                    |
| Explosive Weight | 125-130kg (276-287lb)                                                                                                                                    |
| Fuze Type        | Electrical impact/mechanical time delay fuze.                                                                                                            |
| Bomb Dimensions  | 1640 x 512mm (64.57 x 20.16in)                                                                                                                           |
| Body Diameter    | 368mm (14.5in)                                                                                                                                           |
| Use              | Against railway installations, embankments, flyovers, underpasses, large buildings and below-ground installations.                                       |
| Remarks          | It could be carried by almost all German bomber aircraft, and was used to notable effect by the Junkers Ju-87 Stuka (Sturzkampfflugzeug or dive-bomber). |



## SC 500kg

|                  |                                                                                                                                                              |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bomb Weight      | 480-520kg (1,058-1,146lb)                                                                                                                                    |
| Explosive Weight | 250-260kg (551-573lb)                                                                                                                                        |
| Fuze Type        | Electrical impact/mechanical time delay fuze.                                                                                                                |
| Bomb Dimensions  | 1957 x 640mm (77 x 25.2in)                                                                                                                                   |
| Body Diameter    | 470mm (18.5in)                                                                                                                                               |
| Use              | Against fixed airfield installations, hangars, assembly halls, flyovers, underpasses, high-rise buildings and below-ground installations.                    |
| Remarks          | 40/60 or 50/50 Amatol TNT, trialene. Bombs recovered with Trialene filling have cylindrical paper wrapped pellets 1-15/16 in. in length and diameter forming |



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Project: **Alberton House, Manchester**

Ref: **DA13971-00**

Source: Various sources

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|                  |                                                                                                                                                                                      |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bomb Weight      | 2kg (4.41lb)                                                                                                                                                                         |
| Explosive Weight | 7.5oz (212.6 grams ) of TNT surrounded by a layer of bituminous composition.                                                                                                         |
| Fuze Type        | 41 fuze (time) , 67 fuze (clockwork time delay) or 70 fuze (anti-handling device)                                                                                                    |
| Bomb Dimensions  | Length 240 mm<br>Width 140 mm<br>Height 310 mm                                                                                                                                       |
| Body Diameter    | 3in (7.62 cm) diameter, 3.1in (7.874) long                                                                                                                                           |
| Use              | It was designed as an anti-personnel/fragmentation weapon. They were delivered by air, being dropped in containers that opened at a predetermined height, thus scattering the bombs. |
| Remarks          | The smallest and most common conventional German bomb. Nearly 70% of bombs dropped on the UK were 50kg.                                                                              |

|                  |                                                                                                                                                                         |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bomb Weight      | 987.017kg (2176lb)                                                                                                                                                      |
| Explosive Weight | 125-130kg (276-287lb)                                                                                                                                                   |
| Fuze Type        | Impact/ Time delay / hydrostatic pressure fuze                                                                                                                          |
| Bomb Dimensions  | 1640 x 512mm (64.57 x 20.16in)                                                                                                                                          |
| Body Diameter    | 368mm (14.5in)                                                                                                                                                          |
| Use              | Against civilian, military and industrial targets. Designed to detonate above ground level to maximise damage to a wider area.                                          |
| Remarks          | Parachute Mines were normally carried by HE 115 (Naval operations), HE 111 and JU 88 aircraft types. Deployed a parachute when dropped in order to control its descent. |



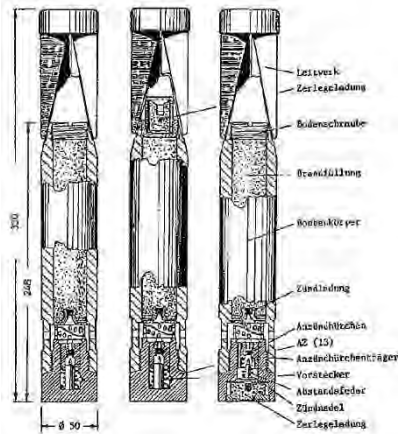


|                  |                                                                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bomb Weight      | 996-1061kg (1,058-1,146lb)                                                                                                                                                                            |
| Explosive Weight | 530-620kg (551-573lb)                                                                                                                                                                                 |
| Fuze Type        | Electrical impact/mechanical time delay fuze.                                                                                                                                                         |
| Filling          | Mixture of 40% amatol and 60% TNT, but when used as an anti-shipping bomb it was filled with Trialen 105, a mixture of 15% RDX, 70% TNT and 15% aluminium powder.                                     |
| Bomb Dimensions  | 2800 x 654mm (77 x 25.2in)                                                                                                                                                                            |
| Body Diameter    | 654mm (18.5in)                                                                                                                                                                                        |
| Use              | SC type bombs are General Purpose Bombs used primarily for general demolition work. Constructed of parallel walls with comparatively heavy noses. They are usually of three piece welded construction |



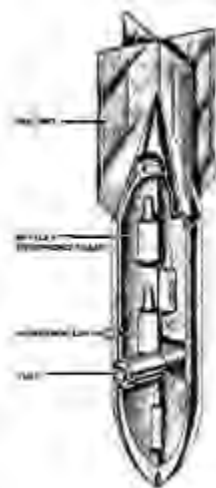
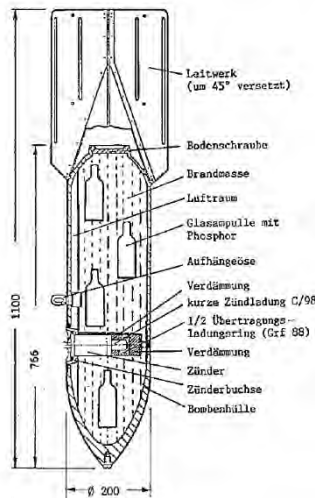
1kg Incendiary Bomb

|                  |                                                                                                                                                                                 |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bomb Weight      | 1.0 and 1.3kg (2.2 and 2.87lb)                                                                                                                                                  |
| Explosive Weight | 680gm (1.3lb) Thermite                                                                                                                                                          |
| Fuze Type        | Impact fuze                                                                                                                                                                     |
| Bomb Dimensions  | 350 x 50mm (13.8 x 1.97in)                                                                                                                                                      |
| Body Diameter    | 50mm (1.97in)                                                                                                                                                                   |
| Use              | As incendiary – dropped in clusters against towns and industrial complexes                                                                                                      |
| Remarks          | Magnesium alloy case. Sometimes fitted with high explosive charge. The body is a cylindrical alloy casting threaded internally at the nose to receive the fuze holder and fuze. |



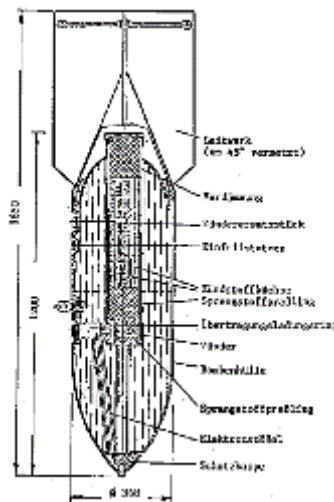
C50 A Incendiary Bomb

|                    |                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------|
| Bomb Weight        | c41kg (90.4lb)                                                                                                   |
| Explosive Weight   | 0.03kg (0.066lb)                                                                                                 |
| Incendiary Filling | 12kg (25.5lb) liquid filling with phosphor igniters in glass phials. Benzine 85%; Phosphorus 4%; Pure Rubber 10% |
| Fuze Type          | Electrical impact fuze                                                                                           |
| Bomb Dimensions    | 1,100 x 280mm (43.2 x 8in)                                                                                       |
| Use                | Against all targets where an incendiary effect is to be expected                                                 |
| Remarks            | Early fill was a phosphorous/carbon disulphide incendiary mixture                                                |



Flam C-250 Oil Bomb

|                  |                                                                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bomb Weight      | 125kg (276lb)                                                                                                                                             |
| Explosive Weight | 1kg (2.2lb)                                                                                                                                               |
| Fuze Type        | Super-fast electrical impact fuze                                                                                                                         |
| Filling          | Mixture of 30% petrol and 70% crude oil                                                                                                                   |
| Bomb Dimensions  | 1,650 x 512.2mm (65 x 20.2in)                                                                                                                             |
| Body Diameter    | 368mm (14.5in)                                                                                                                                            |
| Use              | Often used for surprise attacks on living targets, against troop barracks and industrial installations. Thin casing – not designed for ground penetration |



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Source: Various sources



QF 3.7 Inch WWII Anti-Aircraft Projectile

|                   |                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------|
| Projectile Weight | 28lb (12.6 kg)                                                                          |
| Explosive Weight  | 2.52lbs                                                                                 |
| Fuze Type         | Mechanical Time Fuze                                                                    |
| Dimensions        | 3.7in x 14.7in (94mm x 360mm)                                                           |
| Rate of Fire      | 10 to 20 rounds per minute                                                              |
| Use               | High Explosive Anti-Aircraft projectile. 4.5in projectiles were also used in this role. |
| Ceiling           | 30,000ft to 59,000ft                                                                    |



40mm Bofors Projectile

|                       |                                    |
|-----------------------|------------------------------------|
| Projectile Weight     | 1.96lb (0.86kg)                    |
| Explosive Weight      | 300g (0.6lb)                       |
| Fuze Type             | Proximity and Mechanical Time Fuze |
| Rate of Fire          | 120 rounds per minute              |
| Projectile Dimensions | 40mm x 310mm (1.6in x 12.2in)      |
| Ceiling               | 23,000ft (7000m )                  |



Unrotated Projectile (UP) – Z Battery

|                   |                                                                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Projectile Weight | 84lb (24.5kg)                                                                                                                                                                                                                                               |
| Warhead Weight    | 4.28lb (1.94kg)                                                                                                                                                                                                                                             |
| Warhead           | Aerial Mine with a No. 700 / 720 fuze                                                                                                                                                                                                                       |
| Filling           | High Explosive                                                                                                                                                                                                                                              |
| Dimensions        | 1930mm x 82.6mm (76 x 3.25in)                                                                                                                                                                                                                               |
| Use               | As a short range rocket-firing anti-aircraft weapon developed for the Royal Navy. It was used extensively by British ships during the early days of World War II. The UP was also used in ground-based single and 128-round launchers known as Z Batteries. |



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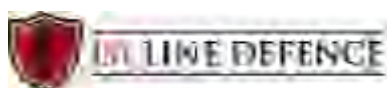
Source: Various sources

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## Appendix D Qualitative Risk Assessment Rationale

The site-specific risk assessment, presented in this report, follows the principle of establishing whether there is a viable linkage between a contaminant source to a potential receptor, via an exposure pathway.

The risk assessment corresponds with the total site area and incorporates both descriptive (qualitative) and, where available, numerical (quantitative) lines of evidence.

Risk assessment is the process of collating known information on a hazard or set of hazards to estimate actual or potential risk to receptors. The receptor may be humans, a water resource, a sensitive local ecosystem or future construction materials. Receptors can be connected to the source by one or several exposure pathways such as direct contact for example. Risks are generally managed by isolating the receptor or intercepting the exposure pathway or by isolating or removing the hazard.

Without the three essential components of a source, pathway and receptor there can be no risk. Therefore, the presence of contaminant source on a site does not necessarily mean there is a risk.

The risk assessment considers the likelihood of an event taking place (accounting for the presence of the source and receptor and the viability of the exposure pathway) in conjunction with the severity of the potential consequence (accounting for the potential severity of the hazard and the sensitivity of the receptor).

In the risk assessment, the consequence of the hazard has been classified as severe or medium or mild or minor and the probability (likelihood) of the circumstances occurring classified as high likelihood or likely or low likelihood or unlikely.

The consequences and probabilities are subsequently cross-correlated to give a qualitative estimation of the risk using Department of the Environment risk classifications as detailed in the table below and as referenced in CIRIA C552.

|                             |                 | Consequence       |                   |                   |                   |
|-----------------------------|-----------------|-------------------|-------------------|-------------------|-------------------|
|                             |                 | Severe            | Medium            | Mild              | Minor             |
| Probability<br>(Likelihood) | 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     |

In accordance with DoE guidance, the following categorisation of **consequence** has been developed.

| Classification | Definition                                                                                                                                                                                                                                                                                                                         | Examples                                                                                                                                                                                                                                                                                       |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Severe         | Short-term (acute) risk to human health likely to result in "significant harm" as defined by the Environment Protection Act 1990, Part IIA. Short-term risk of pollution of sensitive water resource. Catastrophic damage to buildings/property. A short-term risk to an ecosystem or organisation forming part of such ecosystem. | High concentrations of cyanide on the surface of an informal recreation area.<br><br>Major spillage of contaminants from site into controlled water.<br><br>Explosion, causing building collapse (can also equate to a short-term human health risk if buildings are occupied).                |
| Medium         | Chronic damage to Human Health. Pollution of sensitive water resources. A significant change in an ecosystem or organism forming part of such ecosystem.                                                                                                                                                                           | Concentration of a contaminant from site exceeds the generic or site-specific assessment criteria.<br><br>Leaching of contaminants from a site to a Principal or Secondary A aquifer.<br><br>Death of a species within a designated nature reserve.<br><br>Lesser toxic and asphyxiate effects |
| Mild           | Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services. Damage to sensitive buildings/structures/services or the environment.                                                                                                                                                 | Pollution of non-classified groundwater (inc. Secondary B aquifers).<br><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. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing, etc). Easily repairable effects of damage to buildings, structures and services.                    | The presence of contaminants at such concentrations that protective equipment is required during site works.<br><br>The loss of plants in a landscaping scheme.<br><br>Discoloration of concrete.                                                                                              |



In accordance with DoE guidance, the following categorisation of **probability** has been developed.

| Classification  | Definition                                                                                                                                                                                                                                                            |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| High Likelihood | There is a pollution 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 pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term. |
| Low Likelihood  | There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place and is less likely in the shorter term.                                   |
| Unlikely        | There is a pollution linkage, but circumstances are such that it is improbable that an event would occur even in the very long term.                                                                                                                                  |

In accordance with DoE guidance, the following categorisation of **risk** has been developed.

| Classification | Definition                                                                                                                                                                                                                                                                                           |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Very High Risk | There is a <i>high probability</i> that <i>severe harm</i> could arise to a designated receptor from an identified hazard at the site without appropriate further action.                                                                                                                            |
| High Risk      | <i>Harm is likely to arise</i> to a designated receptor from an identified hazard at the site without appropriate further action.                                                                                                                                                                    |
| Moderate Risk  | <i>It is possible</i> that without appropriate further action <i>harm could arise</i> to a designated receptor. It is relatively <i>unlikely</i> that any such harm would be <i>severe</i> , and if any harm were to occur it is <i>more likely</i> that such harm would be <i>relatively mild</i> . |
| Low Risk       | <i>It is possible</i> that <i>harm could arise</i> to a designated receptor from an identified hazard. It is <i>likely</i> that, at worst, if any harm was realised any effects would be <i>mild</i> .                                                                                               |
| Very Low Risk  | The presence of an identified hazard does not give rise to the potential to cause harm to a designated receptor.                                                                                                                                                                                     |

The term 'risk' in this instance refers to the risk that the source, pathway, receptor linkage for a given source of contamination is complete. It does not refer to immediate risk to individuals or features present on the site from potential contaminants and is intended to be used as a tool to assess the necessity of further investigation.

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