



Phase I / II Environmental Site Assessment

Esso Cheetham Hill
Cheetham Hill Road
Manchester
M8 0PL

For Euro Garages

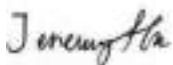
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1.0 Introduction

Geo² Remediation Limited were commissioned by Euro Garages to conduct a Phase I Preliminary Risk Assessment and Phase II Intrusive Investigation of a parcel of land located at

Esso Cheetham Hill,

Cheetham Hill Road
Manchester
M8 0PL.

The site is approximately 0.13 hectares in area and located at grid reference 384230, 401180.

The study was undertaken prior to the proposed redevelopment of the site for use as a petrol filling station (PFS) and drive thru. A proposed development plan for the site can be referred to within Appendix A.

1.1 Scope of Works

The assessment has been undertaken in accordance with the Environment Agency Guidance, Land Contamination Risk Management, consisting of a desk-study and preliminary risk assessment followed by an intrusive sub-surface ground investigation and generic quantitative risk assessment, conducted in order to establish the presence and extent of sub-surface contaminants, if any, resulting from the site's current and historic land use.

The intrusive investigation was conducted on 20th June 2022. The investigation was undertaken in accordance with Geo²'s Method Statement SMS SI 1289. The findings of the investigation are presented herein.

2.0 Description of the Site and Surroundings

2.1 Site Description

The site is located 2 km north of Manchester city centre. Figures 1 and 2 in Appendix A show the location of the site.

The site is currently an active Petrol Filling Station (PFS) with its canopy and associated convenience shop in the east and car parking in the west of the site.

The area shown within the red site boundary on Figure A below, will be referred to throughout this document as 'the site'. At the time of the site walkover and intrusive investigation, only Area A, the existing PFS site, was accessible. Area B is overgrown with mature trees and vegetation and could not be accessed.

The site is located north of Cheetham Hill Road (A665) and is currently accessed by an ingress point located at the south-western site corner and an egress point in the south-eastern site corner.



Figure A: Site Location Plan. Red is the approximate site boundary and hatched area the area of the site.
Orange are the 50 m and 100 m buffers.
Extract from Envirocheck report (Appendix C).

2.2 Site Walkover

A site walkover of Area A, the existing PFS, was undertaken on 20th June 2022, with a photographic survey included in Appendix B. The site walkover findings are detailed below. As previously stated, Area B could not be accessed at the time of the investigation but was observed to be overgrown with mature trees and vegetation.

The site was observed to be gently sloping to the south.

The site is occupied by an active PFS. The convenience shop is located on the eastern boundary, with a soft landscaped area located behind the convenience shop (directly east of the shop; Image 16). A small car park is located in the south-eastern corner and the north-western boundary (Images 14 and 18, respectively). The canopy is located in the centre with four pump islands. A soft landscaped area is located in the northwest, comprising mostly grass and some trees and shrubs (Images 10, 11, 12). The sign is located on this soft landscaped area.

Drainage systems run along the edge of the site, beside the pump islands, around the interceptor, which is located in the north, and at the egress/ingress points (Image 6). The drainage system was observed to be in good condition.

The site is mostly covered in concrete hard standing. Tarmac covers a small portion of the site from the egress to the northeast boundary of the site, covering the surface which lies northeast of the convenience shop, observed to be in good condition. The underground storage tanks (USTs) are located in the car park area, northwest of the pump islands (Images 1, 5). The vent stack is located in the north, by the edge of the grassy area (Images 15, 16).

Two large monitoring boreholes with install pipes of 300 mm diameter are located near the manhole covers, presumably to monitor the USTs: one in the north by the tank farm and another near the ingress in the west (Images 8 and 13, respectively). The boreholes logs and install details for these monitoring wells have not been made available for review. No water or fuel was found in either borehole. The depth of the northern borehole exceeded 30 m, and the depth of the western borehole was 3 m.

No evidence of spills or leaks were observed around the USTs or pump islands, which were all observed to be in good condition. No other visual or olfactory evidence of contamination was observed during the site walkover of the site.

2.2.1 Site Interview

The site interview with the manager, who has supervised the site for the last three years, revealed the historic tanks were replaced by plastic-lined tanks in 2011. The historic tanks were located underneath the canopy by the northern-most pump islands (Image 7). A leak was identified near the historical tank 2, which led to the replacement of the historic tanks.

The interceptor is inspected every six months and cleaned when deemed necessary. Vapour recovery is performed once every 1–3 years. No issues have been reported thus far. The vent stack and interceptor remain in the same locations.

2.3 Site Surroundings

The site is located in the inner-city area of Cheetham Hill in the Metropolitan Borough of Manchester in Greater Manchester. The nearest residential properties are situated directly north of the site. The surrounding land uses of the site are summarised in Table 1 on the following page.

Direction	Land Use
North	Residential dwellings.
East	Shirley Road with residential dwellings beyond.
South	Cheetham Hill Road with commercial and residential properties beyond.
West	

Table 1. Land Uses in the Surrounding Area.

2.4 Site Infrastructure

The following information is related to the existing PFS located on Area A of the site.

2.4.1 Surfacing and Drainage

The interceptor is located in the north of the site along the northern site boundary (Image 6).

The surface of the site is comprised of predominantly concrete slabs, judged to be in good condition. Soft landscaped areas exist in the northwest and east of the site (Images 10, 11, 12, and Image 17, respectively).

A drainage system surrounds the interceptor, the pump islands, and the ingress/egress. The drains are observed to be in good condition.

A service plan showing the location of services is provided in Appendix A.

2.4.2 Fuel Storage Infrastructure

The tank farm, containing four active Underground Storage Tanks (USTs), is located northwest of the canopy and pump islands.

Known tank details are summarised in Table 2, below.

Tank No.	Capacity (L)	Fuel Type	Type	Location	Status
1	48,500	Diesel	UST	Tank farm in the northwest of the site	In use
2	14,500	Diesel			
3	48,500	Unleaded			
4	14,500	Super Unleaded			

Table 2. Summary of Known Tank Capacity and Contents.

2.4.3 Stock Reconciliation Records

Stock reconciliation records for the previous three months (April to June 2022) are surmised in Table 3, below.

Tank No.	Percentage of Stock Loss/Gain (%)		
	April 2022	May 2022	June 2022
1	0.26	0.22	-0.19
2	-0.07	-0.16	-0.62
3	0.27	0.20	0.12
4	-0.16	0.43	0.29

Table 3. Stock Reconciliation Records.

Tanks 1–3 show a very slight ongoing stock loss. Tank 4 shows no overall trend. None of the stock losses or gains exceed the industry standard of 1%. Stock losses may be due to increased heat from the warmer atmospheric temperatures.

3.0 Desk Study

3.1 Desk Study Data

Information regarding the environmental setting of the site was obtained from the Envirocheck report, which collated information from a variety of sources. A copy of the Envirocheck report is presented in Appendix C.

Where indicated in Tables 4 and 5 below, the data from the Envirocheck report has been supplemented with additional information obtained from freely available online data.

Site Geology	BGS data indicates bedrock consists of the Manchester Marls Formation (mudstone). Superficial deposits are indicated to comprise Devensian Glaciofluvial Sheet Deposits (sand and gravel) deposits across the site. There are no available BGS borehole logs within 400 m of the site. There are 3 BGS Recorded Mineral Sites within 500 m of the site, one of which was within 250m and operated as an opencast sand quarry. This was Alms Hill Sand Pit located 53 m north. The site has no to very low hazard regarding the potential for ground stability hazards including collapsible ground, compressible ground, ground dissolution, landslide, running sand and shrinking and swelling clays.
Coal	A review of the Coal Authority online interactive mapping indicates that while the site is located within a coal mining reporting area, the site is not located within a Development High Risk Area (DHRA) and the nearest recorded mine shafts, coal outcrops and probable shallow coal mine workings are all located >1 km west and southeast.
Radon	The site is in a low probability radon area (less than 1% of homes are estimated to be at or above the Action Level). As such, no radon protective measures are necessary in the construction of new dwellings or extensions.
Site Hydrogeology	The bedrock is classified as a Secondary B Aquifer – defined as predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers. The superficial deposits are a Secondary A Aquifer – defined as permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers. The site is not located within a Source Protection Zone (SPZ). There are no groundwater abstractions within 1,000 m of the site. The site is located within a nitrate vulnerable zone. The groundwater beneath the site in the combined productive bedrock and productive superficial aquifers has been classed as low vulnerability.

Table 4. Environmental Assessment of the Site.

Site Hydrology	The nearest surface water feature is likely a drain or stream located 514 m east. The River Irk is located 868 m east, flowing southwest and has a Grade E water quality. There are no pollution incidents or discharge consents within 500 m of the site. There are no surface water abstraction points within 1 km.
Waste and Infilled Land	There is one BGS recorded landfill site located 882 m southeast of the site and relates to the H Evans Ltd site. There are four historical landfill sites located within 1,000 m of the site, the nearest of which is 447 m northeast. No input dates or waste types are supplied. There are no licenced waste management facilities within 1,000 m of the site. There are two records of potentially infilled land (non-water) within 250 m of the site, located 5 m and 218 m east. Both relate to a sand pit. There are two records of potentially infilled land (water) within 250 m of the site, located 208m and 218 m north. The features are unknown. It may relate to a pond according to historical mapping.

Table 5. Environmental Assessment of the Site.

4.0 Site History

4.1 Review of Historical Mapping

Details regarding the development of the site, its immediate surroundings and potentially contaminative land uses were obtained from a review of historical maps.

Copies of the maps are provided in Appendix C and a brief summary is provided in Table 6 with a more detailed summary provided in Tables 7 and 8. While the mapping for the Envirocheck report highlights the PFS / Area A part of the site only, Tables 6-8 below include data for the entire site.

Key Historical Activities	
On-Site	Undeveloped / agricultural land until 1950s when buildings were constructed onsite. In the 1970s, a garage appeared onsite with the same building configuration as the present day.
Off-Site	Principally undeveloped / agricultural land use until residential development to the north and east from the 1890s up until the 1950s occurred. Unspecified works appear 40 m northeast and 90 m west of the site in the 1970s and there is no indication of their current-day presence.

Table 6. Brief Summary of Historical Land Use On-Site and Off-Site.

All distances given in Table 7 and Table 8 below are approximate and are relative to the site, unless otherwise stated.

Date	On-Site	Off-Site	Potential Contamination
1848 – 1850	The site is an undeveloped parcel of land, with the southern and western boundaries adjacent to Cheetham Hill Road and a private access road respectively mapped as woodland. The remainder of the site is part of a field.	The site is surrounded by undeveloped land, with residential properties from 150m northeast.	N/A
1893	No change.	Greenhill Lodge has been constructed adjacent to the south-western corner of the site. Urbanisation occurs. Residential dwellings appear from 20m south and 100m northeast. Local recreational ground within 200m include a cricket club and bowling greens. A tramway has been established on Cheetham Hill Road.	N/A
1908–1910	The woodland along the southern and western boundaries has been cleared. A Sand Pit is mapped east and north of Area A and across Area B.	The sand pit extends up to 130 m north. Terraced residential development occurs from 90 m northwest and 150 m south.	N/A

Table 7. Detailed Summary Review of Historical Mapping (1848–1910)

Date	On-Site	Off-Site	Potential Contamination
1923–1933	The site remains principally undeveloped, with the Sand Pit no longer mapped north and east of Area A or across Area B. A small unnamed building is mapped in the northern area of Area B	New terraced residential development established directly north of the site (where the sand pit resided) A Sand Pit is mapped from 240m east in 1923 mapping, replaced by a Printing Works and Cabinet Works 250–400 m east by 1932.	Potential for Made Ground in Area B related to the possible infilling of the Sand Pit and the construction of a small building. Potential for ground gases if the historic sand pit in Area B and north of the site has been infilled to allow the construction of the housing to the north.
1938	The site has been developed, with an unnamed square building constructed in the centre of Area A. Area B contains two rows of small structures generally aligned east-west, possibly garages related to the surrounding terraced housing to the north. These encroach into the northwestern corner of Area A	Manchester Northern Hospital has been constructed from 40m east. A small sand pit is mapped 100m east.	Potential for Made Ground associated with the construction of buildings on site.
1950–1953	No change	Houses have been demolished approx. 20m southwest and 70m northeast, associated with bomb strikes during WWII shown in Figure B, Section 4.2 The cabinet works 350 m east has been redeveloped. Refuse Heaps are mapped 200 m north. The sand pit 100m east is mapped as disused. The tramway on Cheetham Road to the south has been removed	Potential for ground gases arising from the refuse heaps 200m north.
1965–1976	The building in Area A looks to be smaller and is labelled as a Garage. The garages across the central part of Area B have been demolished and replaced by two new rows aligned north-south. Additional structures have also been constructed west of the Garage building in Area A.	The refuse heaps 200m north and historic sand pit 100m east have been redeveloped as housing.	Potential for contamination arising from demolition and construction activities on site. Potential for spills and leaks of hydrocarbons associated with the use of Area A as a garage
1983–2021	Area B has been cleared of all structures and the western boundary established. The garage in Area A has been demolished and a new one constructed in the south-eastern area of the site. The shape of the garage structure is the same as the current-day canopy and shop.	Unnamed Works appear about 20 m northwest and 90 m west.	Potential for contamination arising from demolition and construction activities on site. Potential for spills and leaks of hydrocarbons associated with the use of Area A as a garage.

Table 8. Detailed Summary Review of Historical Mapping (1923 – Present Day)

4.2 Preliminary Unexploded Ordnance Risk Assessment

The site is located 2 km north of Manchester city centre, in the Cheetham Hill area of Greater Manchester. A review of Zetica online mapping for the area indicates the site is located in a **Moderate** risk area with respect to unexploded ordnance.

Mapping for the site and local area has been obtained from The University of Manchester, which record the location of aerial bombs on the City of Manchester during WWII. Figure B below shows the approximate outline of the site boundary, with a direct bomb strike recorded in June 1941.

Two other bomb strikes were also recorded approx. 20m southwest and 70m northeast. Blue circles indicate high explosives and red shading is for damaged and demolished buildings.



Figure B: Extract of University of Manchester mapping showing WWII bomb damage. Approximate site boundary in red. Blue circles are high explosives. Red shading is demolished buildings.

While a bomb strike was recorded on site in 1941, no information is supplied regarding the 'U' marked on the blue circles on site, shown in Figure B. It is considered possible that this 'U' indicates an unexploded bomb was recorded and removed from site. No damage is recorded of the buildings on site, with the post-war 1950 historical mapping showing the same site layout.

Due to the site being occupied during WWII and then Area B and Area A redeveloped in the 1960s and 1980s respectively, it is considered likely that any additional German Luftwaffe bombs that would have fallen on the

site would have been recorded and subsequently removed; or uncovered during the phases of redevelopment and then removed from site.

Consequently, the risk to construction workers and site end users from UXO is considered to be **Low**.

If unexploded ordnance is discovered, stop immediately, prevent access to the area, and inform the police.

5.0 Preliminary Risk Assessment

5.1 Source – Pathway – Receptor

UK legislation and guidance on assessing potentially contaminated land recommends the use of a risk assessment process based on a review of source/pathway/receptor relationships for various environmental media. The first stage of any risk assessment is to identify, using the desk study data and site information, the presence and extent of any hazard at the site, theoretical or demonstrable.

A key component of the overall risk assessment process is identification of “significant contaminant linkages” between contaminants and receptors. This can be accomplished through development of a site-specific conceptual model in which the potential contaminants, pathways and receptors identified on-site are described.

Each element can be defined as follows:

- **Contaminant source:** A substance either on or under the land and which has the potential to cause harm or pollution to human or environmental receptors.
- **Pathway:** A route or means by which a receptor can be exposed to or affected by a source.
- **Receptor:** A living organism or an ecological system, or controlled water, or property including buildings, crops and livestock.

The presence of all three of the above elements identifies a contaminant linkage and a potentially unacceptable risk. To ensure that any risk present to, or, from the site can be appropriately managed each of these contamination linkages will be targeted by the investigation.

5.2 Hazard Identification

Potentially contaminative on-site activities relate to the historical use of the site as a garage from the 1960s, redeveloped as the existing PFS in the 1980s. Two to three phases of construction and demolition of small buildings, considered to likely have been garages associated with local terraced housing. A Sand Pit was also present across Area B, the northern and western area of the site from 1980 to the 1920s and may have been back-filled prior to development of the site in the 1930s.

Contamination sources may exist related to Made Ground soils on site and the presence of underground storage tanks (USTs) known to have existed on site.

A known historical UST leak occurred in Tank 2 pre-2011, which led to the replacement of the tanks in 2011.

Due to the age of the building on site (1980s), it is likely that asbestos materials were used in the construction of the building. Phases of construction and demolition have also occurred on site since the 1920s, leading to a potential for asbestos in shallow Made Ground soils.

Works located 40 m northwest and 90 m west may be potential sources of contamination. The works are unnamed on historical maps, so the type of potential contamination is undefined.

The potentially infilled land (non-water) located 5m and 218m east likely relate to sand pits, which if back-filled prior to redevelopment may be sources of hazardous ground gas generation.

5.3 Initial Conceptual Site Model

All contamination linkages arising as a result of the interconnection of the contaminant source, contamination pathways and potential receptors are summarised in Table 8 on the following page. These contamination

linkages are used to design the site investigation, guiding the type of investigation, location of exploratory boreholes and the required sample analysis.

Linkage No.	Source	Pathway	Receptor
1	Potential contamination (e.g., hydrocarbons) associated with active operation of the site as a PFS and historical use as a garage.	Leaching to groundwater, lateral and vertical flow, followed by migration within the aquifer	Bedrock Secondary B Aquifer. Superficial deposits Secondary A Aquifer. No SPZ or potable abstraction points within 500 m.
2	Made Ground on site from phases of construction and demolition on site since the 1920s, with a sand pit potentially infilled.	Exposure to harmful vapours, hazardous ground gas and tainting of water supply	Current and proposed Commercial site end users
3			Neighbouring site users, principally within enclosed spaces
4			
5	No asbestos register has been obtained; the pre-2000 development of the site makes asbestos presence in building fabrics and made ground soils possible	Direct contact, inhalation of vapours and ingestion	Proposed Commercial site end users, principally within landscaped area
6	Potential offsite contamination associated with nearby unnamed works, approximately 40 m northwest and 90 m west.	Exposure to harmful vapours, hazardous ground gas and tainting of water supply.	Current and proposed Commercial site end users.
7	Potential ground gas generation associated with Made Ground on site and the sand pit located in Area B and directly north and east of Area A.	Ground gas migration and inhalation	Proposed Commercial site end users

Table 8. Identified Initial Contamination Linkages

As the nearest surface water feature is 514m east, the risk to surface water receptors from contamination arising on site is considered to be Low and is not considered further.

6.0 Site Investigation

In order to provide an assessment of each of the identified contamination linkages, an intrusive investigation was specified to obtain further information regarding the geology of the site and the quality of the soils and groundwater.

At the time of the investigation, only Area A, as shown in Figure A was accessible.

6.1 Site Investigation

Eight soil bores (WS1–8) were constructed on 20th June 2022 to depths of up to 5.0 m below ground level (m bgl) at locations indicated on Figure 3 presented in Appendix A. The soil bores were constructed using window sampling techniques. As a result of the drilling techniques, relatively undisturbed soils were able to be obtained for field and laboratory analysis and for logging of ground conditions. Field analysis comprised the examination of each of the samples for visual and olfactory indications of contamination. Analysis was also conducted for volatile hydrocarbons using a photo-ionisation detector (PID).

The site investigation was limited by the existence of buried services. Borehole positions were chosen strategically so to target areas of the site most likely to be contaminated. Table 9 below, shows the location rationale of boreholes.

WS1 and WS5 were cored in the soft landscaped areas. WS2–WS4, WS6, and WS8 were cored in the hard standing concrete, and WS7 was cored in the hardstanding tarmac.

Target / Rational for Investigative Locations	Location							
	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
General Site Coverage	✓	✓	✓		✓			
Shop							✓	
Tank Farm								✓
Historic Tank Farm						✓	✓	
Interceptor						✓		
Forecourt			✓	✓				

Table 9. Borehole Location Rationale

6.1.1 Soakaways

Soakaway testing was originally scoped as a part of the investigation.

However, the soakaway tests were not possible due to the collapse of soils. Geo² understand that planning authorities typically prefer not to permit soakaways on potentially high-risk sites due to the potential for high permeability pathways being created. In the event of a contaminative incident, these high permeability pathways could allow rapid transmission of contaminants to the subsurface, with the superficial aquifer underlying the site designated as a Secondary A Aquifer.

6.2 Ground Conditions

The logs of the boreholes, which are presented in Appendix D, detail the ground conditions and the sampling depths together with the visual and olfactory characteristics of the soils.

Ground conditions encountered across the site comprised concrete and tarmac hardstanding over made ground. Concrete and tarmac were typically 0.2 m thick. Tarmac was encountered at surface level in WS7 only at the egress and northeast of the convenience shop.

Made ground comprised grey and black gravels of mixed lithology underneath the hard standing surfaces (WS2–4, WS6–8), with red brick found in WS8, and dark brown sandy topsoil with gravels of red brick and plastic membranes on the soft landscaped areas (WS1, WS5). The depth of made ground ranged between 0.1–0.3 m bgl in WS2–7, to a depth of 0.6 m bgl in WS1. In general, the made ground recorded during the investigation was found between 0.1–0.3 m bgl.

Natural superficial soils were described as reddish, brownish, and beige gravelly sand with gravels of mixed lithology including sandstone generally found up to 0.6–0.7 m bgl, overlaying reddish, orange, and beige coarse sands up to 5 m bgl.

No mudstone or bedrock was encountered.

6.2.1 Obstructions

In WS6, the borehole refused on a suspected historic tank at 0.6 m bgl.

6.2.2 Observed Potential Contamination

There was no visual or olfactory evidence of hydrocarbon contamination in any of the borehole samples.

6.3 Groundwater Investigation

No groundwater was encountered on the site and no groundwater monitoring wells were installed. Damp sands were encountered from 2.7 m bgl in WS7 and 4.5 m bgl in WS8 but were not deemed sufficiently wet to install groundwater monitoring wells.

7.0 Laboratory Analysis

7.1 Analysis Rationale

Nine soil samples were selected for laboratory analysis following field screening, via visual and olfactory methods.

Samples were analysed for contaminants associated with historical and current use of the site as a PFS and former garage in line with guidance provided in CIRIA's Contaminated Land Risk Assessment: a guide to good practise (CIRIA C552, 2001).

All samples were placed in laboratory provided containers and stored in cool boxes prior to being transported to the laboratory under the laboratory's chain of custody documentation. The laboratory used for the ground investigation on this occasion was Chemtest, a UKAS accredited laboratory.

7.2 Soils Analysis

Analysis scheduled for soil samples is shown below in Table 10. The soil samples were selected from a range of depths and strata and from across the site, to gain an understanding of site-wide ground conditions.

Exploratory Hole	Sample Depth (m bgl)	Target Strata	Suite of Analysis
WS1	0.3	Made Ground	CLEA Metals, Asbestos ID, TPH-CWG, VOC.
WS2	2.8	Sand	TPH-CWG, BTEX, MTBE, TOC.
WS3	1.3	Sand	TPH-CWG, BTEX, MTBE.
WS4	5.0	Sand	TPH-CWG, BTEX, MTBE, TOC.
WS5	0.8	Made Ground	CLEA Metals, Asbestos ID.
WS6	0.6	Made Ground	TPH-CWG, BTEX, MTBE.
WS7	1.8	Sand	TPH-CWG, BTEX, MTBE, VOC, SVOC, TOC.
WS8	0.3	Made Ground	CLEA Metals, Asbestos ID, TPH-CWG, BTEX, MTBE, SVOC.
WS8	5.0	Sand	TPH-CWG, BTEX, MTBE.

Table 10. Soil Sample Selection Strategy

The analysis, conducted by a Gas Chromatography / Flame Ionisation Detector (GC/FID) and Gas Chromatography / Mass Spectrometry (GC / MS) comprised fractionation and speciation of hydrocarbons including analysis for benzene, toluene, ethylbenzene and xylenes (BTEX) and MTBE compounds. Selected samples were analysed for:

- Heavy metals by IRIS emission spectroscopy.
- Volatile and semi volatile components (including PAHs and PCBs), by GC/MS.
- Asbestos Containing Materials (ACMs) by Polarised light microscopy / Gravimetry.

The analytical results were analysed for contaminants associated with use of the site as a PFS and generic industrial land use. The results of soil analysis were compared using the following UK guidance:

- LQM/CIEH's Suitable for Use Levels (S4ULs)

- DEFRA Category 4 Screening Levels (C4SLs);
- EIC Soil Generic Assessment Criteria for Human Health (2010).

7.2.1 Soil Testing Results

The results of laboratory analyses on the soil samples undertaken, detailed in Table 9, are presented in Appendix E.

Due to the site's current and proposed redevelopment end use as a PFS, the soil analysis testing results have been compared against 'Commercial' end use Generic Assessment Criteria (GACs) thresholds. GAC concentrations associated with a conservative 1% Soil Organic Matter (SOM) have been utilised.

None of the TPH, Metal, SVOC, and VOC concentrations were found above the 'Commercial' GAC thresholds within the selected soil samples obtained during the site investigation.

Asbestos identification testing was undertaken on three of the made ground soil samples, with asbestos positively identified in one of the samples: WS1 at 0.3 m bgl. Quantification analysis on the soil sample which positively identified the presence of loose Chrysotile asbestos fibres, recorded 0.014%.

7.2.2 Waste Acceptance Criteria (WAC) Testing

One soil sample was also analysed for 2-stage WAC testing, with a made ground soil sample from 0.2-0.5m bgl from WS8 located in the northern part of Area A, northeast of the existing tanks and west of the interceptor.

Due to elevated concentrations of TPHs, the WAC testing confirms the made ground in WS8 is classified as Stable Non-Reactive Hazardous Waste if removed from site for disposal, in line with the Guidance on the Classification and Assessment of Waste Technical Guidance WM3.

The results are contained within Appendix E.

8.0 Risk Estimation

8.1 Discussion of Investigation Findings

Current and historic use of Area A as a PFS and garage, respectively, was identified in the Preliminary Risk Assessment as the main potential source of site contamination, along with the potential infilling of a sand pit across the northern and western area of the site (Area B) followed by phases of construction and demolition from the 1930s.

Encountered ground conditions across Area A identified 0.1–0.3 m thickness of made ground in the hard standing areas of the site, with deeper made ground (up to 0.6 m bgl in WS1) recorded in the western area of the site in the soft landscaped area. Natural strata were generally encountered after 0.3 m bgl, and typically comprised dark brown, reddish gravelly sands overlaying reddish, orangish, and beige sand up to 5 m bgl.

Chrysotile asbestos fibres were found at a gravimetry percentage of 0.014% in WS1, located in the soft landscaped area in the western part of Area A.

No evidence of an offsite source impacting upon the site, or offsite migration of any contaminants was identified, although gas migration cannot be ruled out.

8.2 Limitations and Uncertainty

At the time of the investigation, only Area A, as shown in Figure A was accessible

It is important to note that the investigation was restricted in areas of the site due to buildings and buried services, this was especially true around the forecourt, USTs and historic USTs.

Slightly damp sands were encountered from 2.7 m bgl in WS7 and 4.5 m bgl in WS8 but was not sufficiently wet enough to install groundwater monitoring wells, so no groundwater samples could be obtained. Also, given that a historical well is present which was dry to 30m, it may be that groundwater levels are very deep.

8.3 Qualitative Risk Assessment

Each of the identified potential contamination linkages in the preliminary conceptual site model is reviewed based upon the findings of the site investigation which allows a greater understanding of the ground conditions at the site, site observations, soil and groundwater quality and chemical analysis.

The qualitative risk assessment is undertaken, detailed in Table 11 on the following page, in line with guidance provided in CIRIA's Contaminated Land Risk Assessment: a guide to good practice CIRIA C552, 2001. The purpose of this assessment is to determine the relative significance of the identified contamination linkages by assessing the probability of an impact occurring and by assessing the perceived severity of an impact to a receptor.

The perceived risk is based on a consideration of both the likelihood of an event (probability) occurring, and the severity of the potential consequence. Classification of these two factors is detailed in Appendix F.

Those linkages considered of low risk or less on the basis of the available site data will not be considered any further in this assessment. Linkages considered to be more significant are identified as presenting potentially unacceptable risk to the identified receptor. In these instances, further works may be considered necessary.

Source	Pathway	Receptor	Probability	Severity	Risk Classification
Potential contamination (e.g., hydrocarbons) associated with active operation of Area A of the site as a PFS and historical use as a garage. Limited made ground in Area A encountered typically 0.1-0.3m thick and up to 0.6m thick in WS1 in the western area. However no visual or olfactory contamination observed, no GAC exceedances recorded in soil samples	Leaching to groundwater, lateral and vertical flow, followed by migration within the aquifer	Bedrock Secondary B Aquifer. Superficial deposits Secondary A Aquifer.	Low Likelihood Taking into account no visual or olfactory contamination observed, no GAC exceedances recorded in soil samples, the low vulnerability of the underlying aquifers and no groundwater abstraction points within 1,000 m of the site. However, no groundwater samples were taken so the risk cannot be ruled out.	Medium	Moderate / Low
	Exposure to harmful vapours, hazardous ground gas and tainting of water supply.	Current and proposed Commercial site end users.	Unlikely	Medium	Low
			Unlikely	Medium	Low
No asbestos register has been obtained; the pre-2000 development of the site makes asbestos presence in building fabrics possible. One made ground sample from WS1 at 0.3m bgl identified 0.014% Chrysotile asbestos loose fibres.	Direct contact, inhalation of vapours and ingestion	Proposed Commercial site end users, principally within landscaped areas	Likely	Medium	Moderate
Potential offsite contamination associated with nearby unnamed works, approximately 40 m northwest and 90 m west.	Exposure to harmful vapours, hazardous ground gas and tainting of water supply.	Current and proposed Commercial site end users.	Unlikely	Medium	Low
Potential ground gas generation associated with Made Ground on site and the sand pit located in Area B and directly north and east of Area A. Infilled land (non-water) is also mapped 5m east	Ground gas migration and inhalation	Proposed Commercial site end users	Likely	Medium	Moderate

Table 11. Summary of Qualitative Risk Assessment

9.0 Conclusions and Recommendations

9.1 Conclusions

A Phase I and II environmental assessment of the site, located on Esso Cheetham Hill, Cheetham Hill Road Manchester M8 0PL was undertaken, prior to the proposed redevelopment of the site for use as a PFS and drive thru.

The purpose of the assessment was to evaluate the potential for risk to be posed to human health and sensitive environmental receptors from historical and current use of the site.

During the site walkover undertaken on 20th June 2022, no visual or olfactory evidence of contamination or contaminative activities were identified at the site. At the time of the investigation, Area B was overgrown with mature trees and vegetation and could not be accessed. Consequently, an intrusive investigation has only been undertaken across Area A, the existing PFS at this time.

The historical and current activities of Area A as a petrol filling station, with known USTs may have resulted in the site containing a variable thickness of made ground that may contain harmful materials (e.g., ACMs). A known leak from the historic tank 2 was recorded pre-2011, which prompted a tank replacement in 2011. No ACMs were visually identified in made ground soils during the investigation, but a gravimetry percentage of 0.014% of Chrysotile asbestos fibres was recorded in the made ground in WS1 at 0.3m bgl in the soft landscaped area in the west of Area A.

All laboratory results show no significant soil contamination and contaminants sampled from each borehole were below the 'Commercial' GACs thresholds. GAC concentrations associated with a conservative 1% Soil Organic Matter (SOM) were utilised.

As such, Geo² considers there is a **Low** risk to human health receptors and a **Moderate/Low** risk to the groundwater receptor from site soils, with a **Moderate** risk to human health in the area of WS1 due to the presence of asbestos fibres identified in the made ground soils.

The risks to proposed Commercial site end users from made ground soils across Area B and from ground gases arising from potentially infilled land associated with the historic sand pit across Area B are considered to be **Moderate**.

9.2 Recommendations

The following measures are recommended to address the identified risks:

- Shallow ground investigation of Area B to confirm thickness of made ground, allow sample collection and an assessment for this area, and ground gas monitoring to be undertaken. This should be undertaken once the area is cleared of trees and vegetation as part of the development.
- In order to ensure that there is no evidence of significant contamination to the underlying aquifer from contamination that could potentially have migrated vertically and/or horizontally from fuel storage or distribution infrastructure, it is recommended that further investigation is undertaken to allow groundwater sampling. As groundwater is considered to be very deep (>30m bgl), this could potentially consist of trial pitting around the area of the former tanks as part of the redevelopment works.
- Suitable PPE should be provided for all construction workers and standard health & safety procedures adhered to following risk assessments by employers in accordance with Construction Design Management (CDM) Regulations, 2015 and with reference to the environmental testing results presented herein and within Appendix E.

- Due to asbestos fibres being positively identified in made ground soils in one location, it is recommended contractors undertaking excavations on site undertake appropriate risk assessments with input from an asbestos specialist where required.
- When development works take place on site, a watching brief (Appendix G) should be imposed to ensure that any impacts unidentified in the site investigation can be characterised and treated appropriately. Any unidentified contaminated material should be considered in the event of a redevelopment as costs for offsite disposal of these materials may be significant.

10.0 Limitations

Geo²'s conclusions, recommendations and opinions are based on information gathered at the time of the investigation from a variety of third-party sources and from observations made during site reconnaissance. Therefore, there may be conditions at the site that have not been taken into account which were not apparent at the time of investigation.

A portion of this report is based solely upon information provided by third parties. The information has not been independently verified by Geo². Whilst this report and the opinions given in it are accurate to the best knowledge of Geo², Geo² cannot guarantee the completeness or accuracy of any descriptions, opinions or conclusions based solely upon information that has not been independently verified.

The recommendations contained within this report represent our professional opinions. These opinions were arrived at in accordance with currently accepted industry practices and hydrological and engineering practices at this time. As such they are not a guarantee that the site is free of hazardous materials or conditions.

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11.0 References

British Standards Institute

BS10175:2011 "Investigation of potentially contaminated land sites – code of practice"

British Geological Society

Geology of Britain Viewer

CIRIA

C552 Contaminated Land Risk Assessment, a guide to good practise, 2001.

C665, Assessing risks posed by hazardous ground gases to buildings, 2007.

CL:AIRE

Good Practice For Risk Assessment For Coal Mine Gas Emissions, October 2021.

Environmental Agency

Guidance on the Classification and Assessment of Waste Technical Guidance, WM3 (1st Edition), 2015

Land Contamination Risk Management (LCRM) Guidance, 2020

Landmark

Envirocheck Report, ref. 297085833

The Coal Authority

Coal Authority Interactive Viewer

University of Manchester

WWII Bomb Records, accessed June 2022

https://luna.manchester.ac.uk/luna/servlet/view/search;JSESSIONID=544e8ca1-a298-4666-b850-5cc1458ad3c3?q=bomb%20damage&search=SUBMIT&QuickSearchA=QuickSearchA&sort=reference_number%2Ctitle&pgs=50&res=1&cic=maps002%7E1%7E1

Zetica UXO

Risk Maps Viewer



Appendix A – Figures

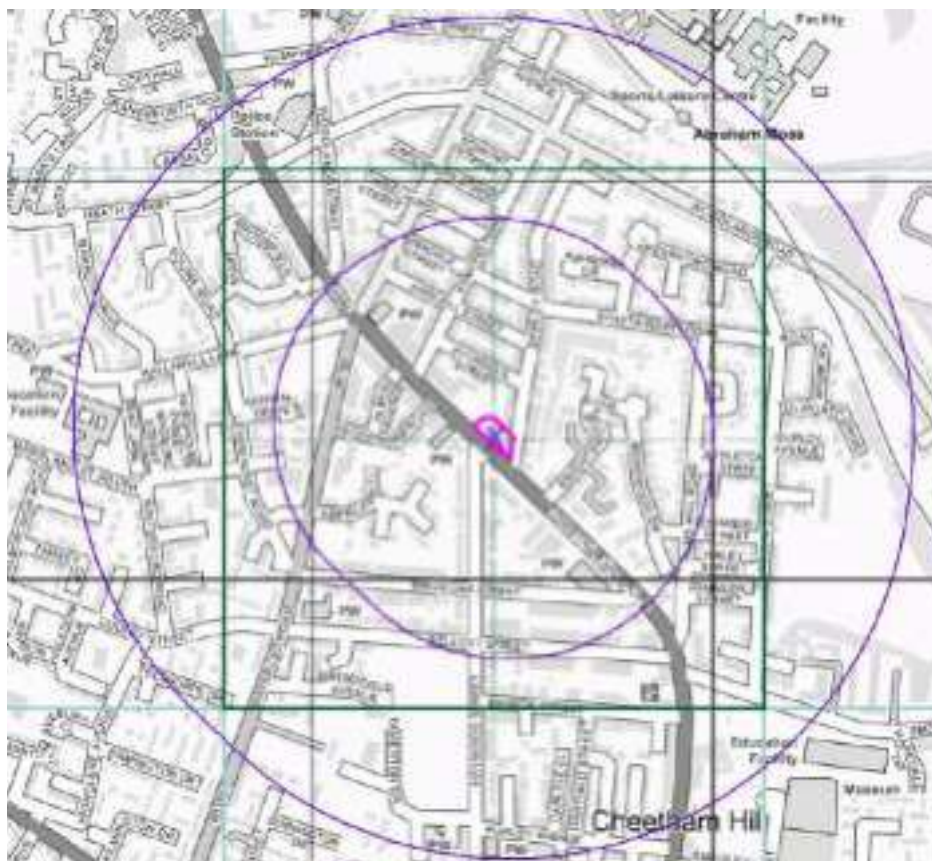


Figure 1 – Site Location

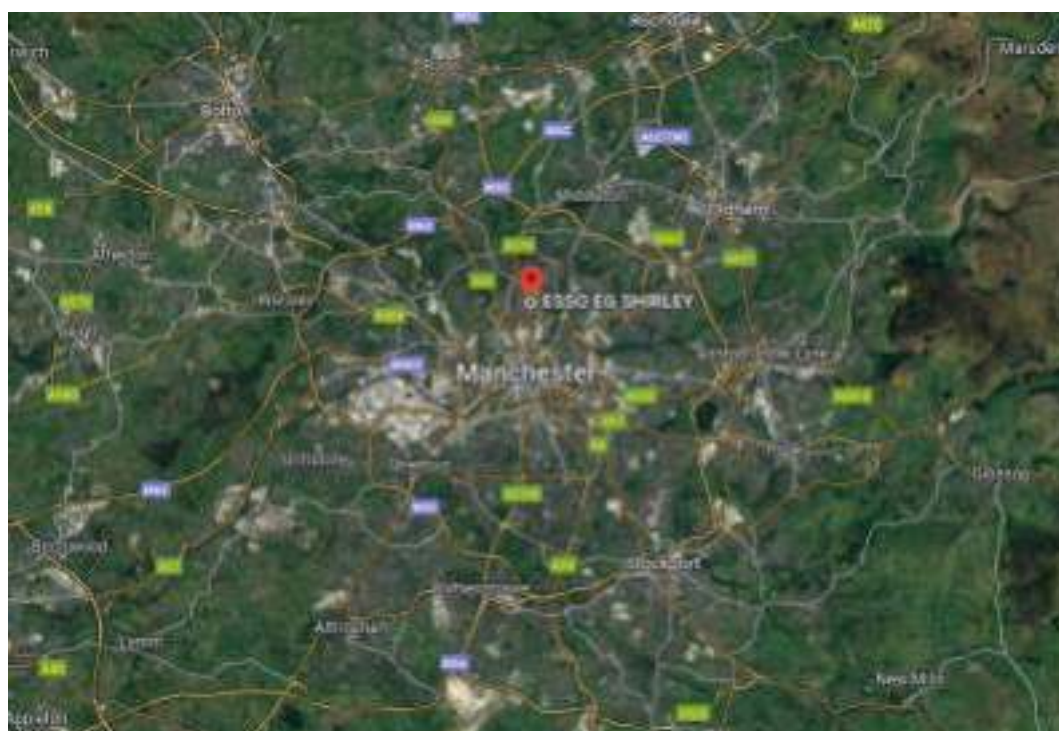


Figure 2 – Site Location

Ref: Envirocheck, Google Maps

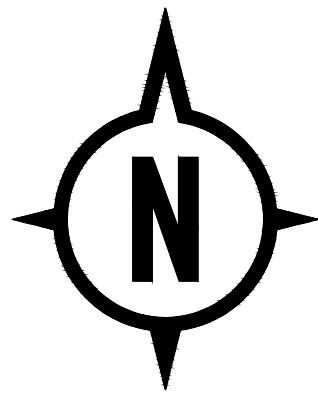


Figures 1 & 2 Site Location -
Esso Cheetham Hill, Cheetham Hill Rd, Cheetham Hill, Manchester M8 0PL

Geo² Remediation Limited, The Coniston, Louisa Street, Idle, West Yorkshire, BD10 8NE
Tel: (0113) 2575397 www.geo2.co.uk

Proposed Site Plan

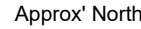
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SCHEME SUBJECT TO TRACKING ANALYSIS AND TOPOGRAPHICAL SURVEY

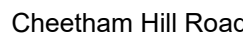


REVISIONS	
CLIENT	EURO GARAGES LTD
PROJECT	SHIRLEY ROAD MANCHESTER M8 OPL
TITLE	FEASIBILITY
DATE	26.04.22
SCALE	1:200 @ A1
JOB ID	2007
DWG	3



Not to scale, reference only.

All fuel lines, offset fills & vents taken from records only, unable to trace, PE.



KEY

COMPRESSED AIR
SURVEY BOUNDARY
CABLE TELEVISION
COMMUNICATIONS CABLE
COMBINED DRAINAGE
DUCTING
ELECTRIC CABLE
PART PIPE
POOL DRAINAGE
GAS PIPE
MANHOLE
HEATING PIPE
SPECIAL FALL PIPE
PUMPING MAIN

RADAR ANOMALY AREA

RADAR TRACE
SURFACE DRAINAGE
TELECOMMUNICATIONS CABLE
TRAFFIC LIGHT CABLE
UNIDENTIFIED
VAPOUR RECOVERY
VENT PIPE
WATERED PIPE
END OF TRACE

△ SURVEY CONTROL STATION

↑ 0.5 BENCH MARK

A single line indicating a utility may indicate the presence of multiple services within close proximity to each other. Where a single line type is shown we recommend hand digging within 0.50m to expose hidden services.

ABBREVIATIONS					
40	GROUPS BROS	41	GUINTEET PUFF	PG	PUSTRANGE
41	HAIR	42	HUMIDITY	PH	RECEIVED TELETYPE
42	HEALTH	43	HYDROGRAPHIC SURVEY POINT	PI	REPEAL / COTEL PUMP
43	HEAVY	44	ICE	PI	REPEAL / COTEL PUMP
44	HEAVY	45	ICE	PI	REPEAL / COTEL PUMP
45	HEAVY	46	ICE	PI	REPEAL / COTEL PUMP
46	HEAVY	47	ICE	PI	REPEAL / COTEL PUMP
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98	HEAVY	99	ICE	PI	REPEAL / COTEL PUMP
99	HEAVY	100	ICE	PI	REPEAL / COTEL PUMP

[illegible]

CLIENT	DWG No	REV
GEO2	0004-GEO2-22622	

SITE ADDRESS	SCALE Not to Scale A1 SURVEYED R.J. DRAWN A.B. DATE
Esso Petrol Filling Station 490 Cheetham Hill Road Cheetham Hill Manchester, M8 0PL.	

SURVEY TYPE		30-06-2023
TOPOGRAPHICAL	☐	
DRAINAGE	☒	
UTILITY	☒	



38 Lakeen Road, Intake, Doncaster, DN2 5HB.
Tel: 07714 186 732 Email: rcgpsurveys@gmail.com
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Tank Schedule				
Tank	Depth(m)	Fuel	Capacity(ltrs)	Pumps
1	-	Diesel	48500	-
2	-	Super Unleaded	14500	-
3	-	Unleaded	48500	-
4	-	Unleaded	14500	-

Disclaimer: Electro-magnetic and ground penetrating radar techniques have been used where reasonably practicable in the location of underground services/features. Please note that not all buried pipes, cables, drains, ducting and features can be detected and mapped in consideration of their depth, location, material type, geology and proximity to other utilities. Please note that all GPR depths are approximate only/Whilst every effort has been made to ensure accuracy, RCLP Surveys Ltd cannot be held responsible for any missed underground services/features that have not been identified. Where the precise position or depths of services/features are critical to the design on-site verification is required. The design team will be responsible for the design of the works. The design team will be responsible for the design of the works. The design team will be responsible for the design of the works.



Appendix B – Photographs

1289 – Cheetham Hill – Photographic Survey 1

Image 1: View of forecourt from the northwest. Tank farm located here.



Image 2: View of forecourt from the west at the ingress.



Image 3: Closer view of forecourt from the west.



Image 4: View of forecourt from the south at the egress.



Image 5: Tank farm manhole covers.



Image 6: Interceptor in the north of the site.



1289 – Cheetham Hill – Photographic Survey 2

Image 7: View of forecourt from the northeast; the historic USTs were located in front of these pump islands.



Image 8: 30 m deep UST monitoring well in the north near the tank farm.



Image 9: Interceptor with manhole cover open. Judged to be in good condition.



Image 10: Soft landscaped area in northwest of site, with Area B to the right (north), overgrown with trees.



Image 11: Soft landscaped area in northwest of site. View from the northern corner of the site.



Image 12: Soft landscaped area in northwest of site. View from the ingress in the west. Area B beyond the wall.



1289 – Cheetham Hill – Photographic Survey 3

Image 13: View of ingress from the centre of the forecourt. One of the UST monitoring wells is located here, circled in red.



Image 17: View of car parking area and soft landscaped area. Trees within Area B can be seen in background



Image 15: Close up image of vents.



Image 16: Vents, located in the northern corner of the site.



Image 17: Small grassy area behind the convenience shop in the east.



Image 18: Car parking area behind the convenience shop in the east.





Appendix C – Envirocheck

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

297085833_1_1

Customer Reference:

1289

National Grid Reference:

384230, 401180

Slice:

A

Site Area (Ha):

0.13

Search Buffer (m):

1000

Site Details:

330, Cheetham Hill Road

MANCHESTER

M8 0PL

Client Details:

Mr M Swindells

Geo2 Remediation Ltd

Coniston House

Louisa Street

Bradford

West Yorkshire

BD10 8NE

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	17
Hazardous Substances	22
Geological	24
Industrial Land Use	33
Sensitive Land Use	48
Data Currency	49
Data Suppliers	56
Useful Contacts	57

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2				4
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 3				6
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 3	1			6
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4				Yes
Pollution Incidents to Controlled Waters	pg 4				5
Prosecutions Relating to Authorised Processes	pg 5				1
Registered Radioactive Substances	pg 5				1
River Quality	pg 6				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 6				1
Substantiated Pollution Incident Register					
Water Abstractions	pg 7				(*33)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 15	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 15	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 15				6

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 17				1
Historical Landfill Sites	pg 17			1	3
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 18		2		13
Potentially Infilled Land (Water)	pg 18		2	8	45
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 21				1
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 22				1
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 22				10
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 24	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 24	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 29		1	2	7
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages	pg 31				Yes
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 31	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 31	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 31	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 31	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 31		Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 33	1	17	5	72
Fuel Station Entries	pg 41	1	1		1
Points of Interest - Commercial Services	pg 41		11	3	22
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 44		4	1	8
Points of Interest - Public Infrastructure	pg 45	5			8
Points of Interest - Recreational and Environmental	pg 46			1	10
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 48	2			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (W)	0	1	384229 401179
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	49	1	384300 401179
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	67	1	384150 401150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	101	1	384250 401300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	118	1	384150 401300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	123	1	384350 401250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	147	1	384229 401350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	150	1	384250 401350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	151	1	384050 401179
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	198	1	384200 401400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	229	1	384100 401400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (E)	435	1	384650 401350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	449	1	384700 401179
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	450	1	384700 401150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	450	1	384700 401200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	455	1	384700 401250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	483	1	384650 401450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	499	1	384750 401179
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	500	1	384750 401150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	500	1	384750 401200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Hazelbottom Rd, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0350 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 1st January 2017 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Surface/Underground Water Environment: Receiving Water: S/W Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A14SE (E)	732	2	384950 400950
2	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Hendham Vale Cso 118 Hendham Vale, ., Manchester, Greater Manchester, M9 5tj Authority: Environment Agency, North West Region Catchment Area: Irk Reference: 01MAN0072 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: 1st January 1995 Revocation Date: 7th August 2005 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irk Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A14SE (E)	914	2	385140 400960
3	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Hendham Vale Cso 118 Hendham Vale, ., Manchester, Greater Manchester, M9 5tj Authority: Environment Agency, North West Region Catchment Area: Irk Reference: 016993691 Permit Version: 2 Effective Date: 2nd October 2019 Issued Date: 2nd October 2019 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: The River Irk Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A14SE (E)	990	2	385199 400880
3	Discharge Consents Operator: United Utilities Water Plc (?) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Hendham Vale Cso 118 Hendham Vale, ., Manchester, Greater Manchester, M9 5tj Authority: Environment Agency, North West Region Catchment Area: Irk Reference: 016993691 Permit Version: 1 Effective Date: 8th August 2005 Issued Date: 8th August 2005 Revocation Date: 1st October 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: The River Irk Status: Consent Currently Under Appeal Positional Accuracy: Located by supplier to within 10m	A14SE (E)	991	2	385200 400880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Integrated Pollution Controls Name: Tmd Friction Uk Ltd Location: Hendham Vale Works, Hazelbottom Road, Manchester, Greater Manchester, M9 5sx Authority: Environment Agency, North West Region Permit Reference: Bu1911 Dated: 23rd April 2003 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.2 A (B) processes involving Asbestos within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	711	2	384962 401178
5	Integrated Pollution Controls Name: Tmd Friction Uk Ltd Location: Hendham Vale Works, Hazelbottom Road, Manchester, Greater Manchester, M9 5sx Authority: Environment Agency, North West Region Permit Reference: Bk9148 Dated: 27th May 2002 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	868	2	385089 401405
5	Integrated Pollution Controls Name: Tmd Friction Uk Ltd Location: Hendham Vale Works, Hazelbottom Road, Manchester, Greater Manchester, M9 5sx Authority: Environment Agency, North West Region Permit Reference: BC9470 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.2 A (B) processes involving Asbestos within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	868	2	385089 401405
5	Integrated Pollution Controls Name: Tmd Friction Uk Ltd Location: Hendham Vale Works, Hazelbottom Road, Manchester, Greater Manchester, M9 5sx Authority: Environment Agency, North West Region Permit Reference: AO0601 Dated: 31st August 1994 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.2 A (B) processes involving Asbestos within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	868	2	385089 401405
5	Integrated Pollution Controls Name: Tmd Friction Uk Ltd Location: Hendham Vale Works, Hazelbottom Road, Manchester, Greater Manchester, M9 5sx Authority: Environment Agency, North West Region Permit Reference: Al0594 Dated: 22nd October 1993 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 3.2 A (B) processes involving Asbestos within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	868	2	385089 401405
6	Integrated Pollution Controls Name: Tmd Friction Uk Ltd Location: Hendham Vale Works, Hazelbottom Road, Manchester, Greater Manchester, M9 5sx Authority: Environment Agency, North West Region Permit Reference: Bx6545 Dated: 14th April 2004 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.2 A (B) processes involving Asbestos within the Mineral Industry Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A14NE (E)	914	2	385165 401181
7	Local Authority Pollution Prevention and Controls Name: Shirley Filling Station Location: 332 Cheetham Hill Road, Cheetham Hill, MANCHESTER, Lancashire, M8 7WB Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/040/06 Dated: 3rd December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	0	3	384242 401171

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Local Authority Pollution Prevention and Controls Name: Rainbow Dry Cleaners Location: 6a Bury Old Road, Cheetam Hill, Manchester Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/DC/RM/04/06 Dated: 1st February 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	550	3	383899 401653
9	Local Authority Pollution Prevention and Controls Name: Embellish Specialist Dry Cleaner Location: 7 Union Terrace, Bury Old Road, Salford, M7 4zh Authority: Salford City Council, Environmental Health Department Permit Reference: 156485/030912 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	733	4	383790 401800
10	Local Authority Pollution Prevention and Controls Name: Johnson Cleaners Uk Ltd Location: Bury Old Road, Salford, M7 4qj Authority: Salford City Council, Environmental Health Department Permit Reference: 123812/041007 Dated: 4th October 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	840	4	383748 401900
11	Local Authority Pollution Prevention and Controls Name: Trust Motors Manchester Location: 141 Waterloo Road, MANCHESTER, Lancashire, M8 8DU Authority: Manchester City Council, Environmental Health Department Permit Reference: 81/96 Dated: 1st February 1996 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	855	3	383733 400467
12	Local Authority Pollution Prevention and Controls Name: Embellish - Specialist Dry Cleaners And Bespoke Tailoring Location: 76 Bury Old Road, Cheetham Hill Road, Manchester, M8 5bw Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/DC/RM/28/12 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	879	3	383775 401962
13	Local Authority Pollution Prevention and Controls Name: Sunshine Cleaners Location: 27 Leicester Road, Salford, M7 4as Authority: Salford City Council, Environmental Health Department Permit Reference: 122042/090812 Dated: 1st November 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A12NW (W)	951	4	383252 401244
	Nearest Surface Water Feature	A14NW (E)	514	-	384732 401359
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Irwell Incident Date: 22nd August 1995 Incident Reference: 95612150 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	669	2	384400 400500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Diesel And None Found Incident Date: 20th June 1996 Incident Reference: 96631339 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	699	2	384500 400500
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected Incident Date: 2nd December 1996 Incident Reference: 96612451 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	797	2	384200 402000
17	Pollution Incidents to Controlled Waters Property Type: No Premises Identified Location: Smedley Road, Smedley, MANCHESTER, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Inert : Construction / Demolition Material Note: Not Supplied Incident Date: 21st April 1999 Incident Reference: 1408 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Manually positioned to the road within the address or location	A9NE (SE)	869	2	385044 400807
18	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Not Supplied Incident Date: 5th November 1995 Incident Reference: 95612705 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	950	2	385200 401200
19	Prosecutions Relating to Authorised Processes Location: The Old Dye Works, Smedley Lane, Cheetham Hill, Manchester, M8 0lu Prosecution Text: Failing to take actions to legalise a waste facility Prosecution Act: Epr07 S12 & 38(1)(A) Hearing Date: 1st September 2009 Verdict: Guilty Fine: 5059 Costs: 7400 Positional Accuracy: Manually positioned to the address or location	A14SE (E)	810	2	385057 401097
20	Registered Radioactive Substances Name: British Engine Insurance Ltd Location: 8 Norton Street, Greengate, SALFORD, M5 Authority: Scottish Environment Protection Agency, Head Office Permit Reference: IPB/3/3/039 Dated: 17th December 1991 Process Type: Registration under S10 RSA for the keeping and use of mobile Radioactive sources (was RSA60 S3) 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 Status: Not Given Positional Accuracy: Manually positioned to the address or location	A12SW (W)	828	5	383378 401101

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Irk GQA Grade: River Quality E Reach: Wince Bk To Moston Bk Estimated Distance (km): 10.3 Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000	A14SE (E)	868	2	385095 400968
21	River Quality Chemistry Sampling Points Name: Irk Reach: Wince Brook To Moston Brook Estimated Distance: 10.30 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied	A14SE (E)	879	2	385125 401085

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: City Of Manchester Licence Number: 2569005031 Permit Version: Not Supplied Location: Borehole, Collyhurst, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 364 Yearly Rate (m3): 124742 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NE (E)	1016	2	385200 400800
	Water Abstractions Operator: City Of Manchester Licence Number: 2569005038 Permit Version: Not Supplied Location: River Irk, Collyhurst, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 546 Yearly Rate (m3): 93557 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NW (SE)	1189	2	385300 400600
	Water Abstractions Operator: Centertex (U K) Limited Licence Number: 2569005008 Permit Version: Not Supplied Location: Reservoir Fed By Surface Drainage, & Spring, KINGSBRIDGE ROAD Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: River Daily Rate (m3): 409 Yearly Rate (m3): 102285 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NW (E)	1290	2	385500 401500
	Water Abstractions Operator: Packaging Products (Coatings) Ltd Licence Number: 2569005015 Permit Version: 102 Location: B/Hole, Little Green Works, Collyhurst Rd, Manchester 10 Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Little Green Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th February 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A4NE (SE)	1294	2	385000 400100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Packaging Products Ltd Licence Number: 2569005015 Permit Version: 101 Location: B/Hole, Little Green Works, Collyhurst Rd, Manchester 10 Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Little Green Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th October 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A4NE (SE)	1294	2	385000 400100
	Water Abstractions Operator: Packaging Products Ltd Licence Number: 2569005015 Permit Version: 100 Location: B/Hole, Little Green Works, Collyhurst Rd, Manchester 10 Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1637 Yearly Rate (m3): 438689 Details: Premises At Little Green Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st February 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A4NE (SE)	1294	2	385001 400101
	Water Abstractions Operator: Lancashire Dairies Ltd Licence Number: 2569004021 Permit Version: 100 Location: Borehole At Premises, Derby Street, Cheetham, Manchester Authority: Environment Agency, North West Region Abstraction: Dairies: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 436 Yearly Rate (m3): 159110 Details: Premises At Derby St,Cheetham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SW (S)	1395	2	383900 399800
	Water Abstractions Operator: Lancashire Dairies Ltd Licence Number: 2569004021 Permit Version: 100 Location: Borehole At Premises, Derby Street, Cheetham, Manchester Authority: Environment Agency, North West Region Abstraction: Dairies: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Derby St,Cheetham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SW (S)	1395	2	383900 399800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Joseph Holt Ltd Licence Number: 2569004011 Permit Version: 100 Location: Borehole At Derby Brewery, Cheetham, Manchester 3 Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 182 Yearly Rate (m3): 45460 Details: Derby Brewery, Cheetham, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SW (S)	1459	2	384100 399700
	Water Abstractions Operator: Joseph Holt Ltd Licence Number: 2569004011 Permit Version: 100 Location: Borehole At Derby Brewery, Cheetham, Manchester 3 Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Derby Brewery, Cheetham, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SW (S)	1459	2	384100 399700
	Water Abstractions Operator: British Cables Company Limited Licence Number: 2569005044 Permit Version: 106 Location: Boreholes X 2 At Blackley Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th October 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1829	2	384610 402990
	Water Abstractions Operator: Bt Cables Limited Licence Number: 2569005044 Permit Version: 105 Location: Boreholes X 2 At Blackley Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th October 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1829	2	384610 402990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Manchester Cables Ltd Licence Number: 2569005044 Permit Version: 104 Location: Boreholes X 2 At Blackley Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th May 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1829	2	384610 402990
	Water Abstractions Operator: Belden (Uk) Ltd Licence Number: 2569005044 Permit Version: 103 Location: Boreholes X 2 At Blackley Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1829	2	384610 402990
	Water Abstractions Operator: Belden (Uk) Ltd Licence Number: 2569005044 Permit Version: 102 Location: 2 Boreholes At Blackley, Manchester \$121 Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1829	2	384610 402990
	Water Abstractions Operator: Avecia Ltd Licence Number: 2569005012 Permit Version: 101 Location: Borehole At Blackley, Manchester Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1000 Yearly Rate (m3): 1000 Details: Licence Holders Land At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st July 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NE)	1867	2	385001 402901

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: British Cables Company Limited Licence Number: 2569005044 Permit Version: 106 Location: 2 Boreholes At Blackley, Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th October 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1870	2	384890 402950
	Water Abstractions Operator: Bt Cables Limited Licence Number: 2569005044 Permit Version: 105 Location: 2 Boreholes At Blackley, Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th October 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1870	2	384890 402950
	Water Abstractions Operator: Manchester Cables Ltd Licence Number: 2569005044 Permit Version: 104 Location: 2 Boreholes At Blackley, Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th May 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1870	2	384890 402950
	Water Abstractions Operator: Belden (Uk) Ltd Licence Number: 2569005044 Permit Version: 103 Location: 2 Boreholes At Blackley, Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1870	2	384890 402950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Belden (Uk) Ltd Licence Number: 2569005044 Permit Version: 102 Location: 2 Boreholes At Blackley, Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 909 Yearly Rate (m3): 318181 Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1870	2	384890 402950
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole Number 1 At Premises Strangeways Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1942	2	383850 399250
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 1) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1942	2	383850 399250
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 1) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Borehole At Strangeways, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1942	2	383850 399250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole Number 1 At Premises Strangeways Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1942	2	383850 399250
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 101 Location: Borehole (No 1) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1942	2	383850 399250
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 101 Location: Borehole (No 1) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1942	2	383850 399250
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole Number 3 At Premises Strangeways Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1976	2	383830 399220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole Number 3 At Premises Strangeways Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1976	2	383830 399220
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole Number 3 At Premises Strangeways Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1976	2	383830 399220
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 3) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Borehole At Strangeways Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1976	2	383830 399220
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 101 Location: Borehole (No 3) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1976	2	383830 399220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 101 Location: Borehole (No 3) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1976	2	383830 399220
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: High	A13NE (W)	0	6	384229 401179
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A13NE (W)	0	6	384229 401179
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (W)	0	6	384229 401179
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (E)	514	7	384732 401359
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (W)	568	7	383648 401324

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1271.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	587	7	383615 401168
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	739	7	384984 401273
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2006.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A14SE (E)	876	7	385121 401078
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NW (N)	892	7	384157 402093

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	BGS Recorded Landfill Sites Site Name: H Evans Ltd Location: Queens Rd Tip, Cheetham, MANCHESTER, Gt Manchester Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A9NW (SE)	882	-	384891 400550
29	Historical Landfill Sites Licence Holder: Not Supplied Location: Crescent Road, Crumpsall, Manchester, Greater Manchester Name: Abraham Moss Centre Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16395 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F016	A14NW (NE)	447	2	384600 401456
30	Historical Landfill Sites Licence Holder: Not Supplied Location: Cheetham Hill, Manchester, Greater Manchester Name: Land at Fairy Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16446 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F015	A7NE (SW)	745	2	383755 400591
31	Historical Landfill Sites Licence Holder: Manchester City Council Location: Cheetham, Manchester, Greater Manchester Name: Queens Road Tip - Land to South of Queens Road and North of Collingham Street Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16452 First Input Date: 31st December 1955 Last Input Date: 31st December 1970 Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste, and Liquid Sludge Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9728 BGS Ref: 848 Other Ref: F005,RD/LIC/241/82	A8SE (S)	826	2	384426 400345
32	Historical Landfill Sites Licence Holder: Not Supplied Location: Cheetham, Greater Manchester Name: Elizabeth Street Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16459 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F030	A8SW (S)	884	2	384130 400275
	Local Authority Landfill Coverage Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency		0	8	384229 401179

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Salford Metropolitan District Council - Has no landfill data to supply		413	4	383798 401108
33	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A13NE (E)	5	-	384255 401179
34	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A13SE (E)	218	-	384463 401122
35	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A14NW (E)	627	-	384874 401250
36	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A9NW (SE)	738	-	384770 400632
37	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A8SW (SW)	747	-	383903 400488
38	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A7NE (SW)	750	-	383740 400598
39	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A8SE (S)	774	-	384485 400415
40	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A8SW (S)	790	-	384049 400387
41	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A12SW (W)	795	-	383415 401073
42	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A7SE (SW)	930	-	383697 400401
43	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A7SE (SW)	962	-	383704 400356
44	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A19NW (N)	962	-	384568 402101
45	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A7SE (SW)	964	-	383686 400368
46	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A7SW (SW)	966	-	383537 400492
47	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A14SE (E)	990	-	385226 401007
48	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A13NE (N)	208	-	384230 401410

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A13NW (N)	218	-	384209 401421
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NE (NE)	351	-	384500 401425
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	369	-	384008 400869
52	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	371	-	384158 401569
53	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	383	-	383966 400890
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (NE)	412	-	384579 401426
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14NW (NE)	463	-	384659 401397
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (SW)	469	-	383808 400938
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (E)	492	-	384736 401096
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (SW)	508	-	383766 400933
59	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	521	-	383885 401609
60	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (SE)	551	-	384557 400696
61	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (E)	558	-	384779 401356
62	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	566	-	383823 400772
63	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (E)	566	-	384816 401177
64	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	590	-	384050 401768
65	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (S)	612	-	384170 400544
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14NW (E)	612	-	384860 401236
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14NW (E)	617	-	384868 401181
68	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14NW (E)	619	-	384857 401300
69	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	625	-	384703 400725

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14SW (E)	634	-	384864 401007
71	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SE (N)	637	-	384458 401796
72	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14NW (NE)	685	-	384849 401511
73	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14NE (E)	715	-	384930 401401
74	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12NW (W)	718	-	383498 401341
75	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8SE (SE)	742	-	384549 400474
76	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	743	-	384991 401244
77	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12NW (W)	749	-	383459 401291
78	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14NE (E)	749	-	384998 401229
79	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	756	-	383639 400689
80	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	811	-	384308 402009
81	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NE (SE)	811	-	384993 400835
82	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A9NW (SE)	816	-	384898 400660
83	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	817	-	384149 402017
84	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14SE (E)	819	-	385069 401137
85	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14SE (E)	827	-	385062 401016
86	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	831	-	385026 400862
87	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	837	-	385007 401537
88	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14SE (E)	839	-	385052 400918
89	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14SE (E)	864	-	385114 401162
90	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A7NW (SW)	869	-	383451 400755

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	876	-	384185 402078
92	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14SE (E)	905	-	385122 400920
93	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14NE (E)	912	-	385160 401250
94	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A14SE (E)	923	-	385128 400878
95	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A7NW (SW)	935	-	383487 400591
96	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14NE (E)	948	-	385195 401262
97	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	957	-	384007 402136
98	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14NE (E)	957	-	385207 401228
99	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	968	-	384623 402085
100	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	980	-	383250 400960
101	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14NE (E)	982	-	385232 401217
102	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14NE (E)	985	-	385231 401282
103	Registered Waste Transfer Sites Licence Holder: Primechase Licence Reference: 00455/86/M2 Site Location: Elizabeth Street / Waterloo Road, Cheetham, Manchester, Greater Manchester Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1987 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Construction Ind. S Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Potentially Combustible Old Cars/Trailers Etc	A7NE (SW)	723	2	383830 400560

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
104	Control of Major Accident Hazards Sites (COMAH) Name: Tennants Distribution Limited Location: Hazelbottom Road, Cheetham, MANCHESTER, Lancashire, M8 0GR Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Manually positioned to the address or location	A14NE (E)	807	9	385048 401300
105	Planning Hazardous Substance Consents Name: Tennants Distribution Ltd Location: Hazelbottom Road, Cheetham, Manchester, Lancashire, M8 0gr Authority: Manchester City Council, Planning Department Application Ref: Hsc004 Hazardous Substance: Extremely flammable (extremely flammable gases and liquids with a flash point <21C and boiling point at normal pressure <=35C, and gaseous substances flammable in contact with air at ambient temperature and pressure excluding extremely flammable gases and natural gas, and flammable liquid substances maintained at a temperature above their boiling point) Maximum Quantity: 550 Application date: 11th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A14NE (E)	778	8	385025 401258
105	Planning Hazardous Substance Consents Name: Tennants Distribution Ltd Location: Hazelbottom Road, Cheetham, Manchester, Lancashire, M8 0gr Authority: Manchester City Council, Planning Department Application Ref: 057760/HSC/NORTH1/99 Hazardous Substance: Combination of Dangerous Substances Maximum Quantity: 0 Application date: 11th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A14NE (E)	778	8	385025 401253
105	Planning Hazardous Substance Consents Name: Tennants Distribution Ltd Location: Hazelbottom Road, Cheetham, Manchester, Lancashire, M8 0gr Authority: Manchester City Council, Planning Department Application Ref: Hsc004 Hazardous Substance: Very toxic Maximum Quantity: 5 Application date: 11th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	783	8	385030 401253
105	Planning Hazardous Substance Consents Name: Tennants Distribution Ltd Location: Hazelbottom Road, Cheetham, Manchester, Lancashire, M8 0gr Authority: Manchester City Council, Planning Department Application Ref: Hsc004 Hazardous Substance: Flammable (flammable liquids with flash point >=21C and <=55C supporting combustion) Maximum Quantity: 0 Application date: 11th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A14NE (E)	783	8	385030 401258
105	Planning Hazardous Substance Consents Name: Tennants Distribution Ltd Location: Hazelbottom Road, Cheetham, Manchester, Lancashire, M8 0gr Authority: Manchester City Council, Planning Department Application Ref: Hsc004 Hazardous Substance: Toxic Maximum Quantity: 90 Application date: 11th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A14NE (E)	784	8	385031 401250
105	Planning Hazardous Substance Consents Name: Tennants Distribution Ltd Location: Hazelbottom Road, Cheetham, Manchester, Lancashire, M8 0gr Authority: Manchester City Council, Planning Department Application Ref: Hsc004 Hazardous Substance: Dangerous for the environment (very toxic to aquatic organisms) Maximum Quantity: 50 Application date: 11th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A14NE (E)	787	8	385035 401248

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	Planning Hazardous Substance Consents Name: Tennants Distribution Ltd Location: Hazelbottom Road, Cheetham, Manchester, Lancashire, M8 0gr Authority: Manchester City Council, Planning Department Application Ref: Hsc004 Hazardous Substance: Dangerous for the environment (toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment) Maximum Quantity: 40 Application date: 11th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A14NE (E)	788	8	385035 401253
105	Planning Hazardous Substance Consents Name: Tennants Distribution Ltd Location: Hazelbottom Road, Cheetham, Manchester, Lancashire, M8 0gr Authority: Manchester City Council, Planning Department Application Ref: Hsc004 Hazardous Substance: Oxidising Maximum Quantity: 52 Application date: 11th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A14NE (E)	790	8	385036 401259
105	Planning Hazardous Substance Consents Name: Tennants Distribution Ltd Location: Hazelbottom Road, Cheetham, Manchester, M8 0gr Authority: Manchester City Council, Planning Department Application Ref: 092658/HSC/2010/N1 Hazardous Substance: Unknown at time of report Maximum Quantity: 0 Application date: 12th March 2010 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A14NE (E)	797	8	385044 401256
105	Planning Hazardous Substance Consents Name: Tennants Distribution Ltd Location: Hazelbottom Road, Cheetham, Manchester, M8 0gr Authority: Manchester City Council, Planning Department Application Ref: 092321/HSC/2009/N1 Hazardous Substance: Combination of Dangerous Substances Maximum Quantity: 0 Application date: 25th November 2009 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A14NE (E)	797	8	385044 401256

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Permian Rocks (Undifferentiated)	A13NE (W)	0	1	384229 401179
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (W)	0	1	384229 401179
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	139	1	384372 401247
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	165	1	384060 401105
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NE (NE)	197	1	384323 401373
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (N)	199	1	384301 401386
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (SW)	202	1	384046 401065

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SW (SW)	255	1	384000 401038
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NE (N)	256	1	384261 401456
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SW (SW)	279	1	384000 401000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SW (SE)	360	1	384573 401000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (S)	410	1	384143 400755
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (SE)	412	1	384488 400818

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	442	1	384690 401228
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (E)	457	1	384702 401110
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (SW)	483	1	384000 400736
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14NW (NE)	500	1	384658 401469
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (SE)	553	1	384723 400871
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14NW (NE)	649	1	384841 401448

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14NE (E)	651	1	384901 401200
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 35 - 45 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8SE (S)	654	1	384303 400500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14NE (E)	749	1	385000 401179
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A18NE (N)	755	1	384373 401942
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A18NW (N)	758	1	384133 401956
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 35 - 45 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9NW (SE)	763	1	384718 400552

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	768	1	385000 401004
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	844	1	384500 402000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19SE (NE)	902	1	385000 401680
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A9SW (SE)	902	1	384706 400376
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NW (NE)	927	1	384699 402000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19NW (NE)	946	1	384735 402000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14SE (E)	954	1	385200 401076
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14SE (E)	987	1	385222 401000
106	BGS Recorded Mineral Sites Site Name: Alms Hill Sand Pit Location: Cheetham Hill, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 95117 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A13NW (N)	53	1	384202 401254
107	BGS Recorded Mineral Sites Site Name: Almshill Sand Pit Location: Crumpsall, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15084 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13NE (E)	255	1	384505 401200
108	BGS Recorded Mineral Sites Site Name: Smedley Sand Pit Location: Crumpsall, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 243080 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Sheet Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A13SE (E)	304	1	384548 401109
109	BGS Recorded Mineral Sites Site Name: Cow Lane Gravel Pit Location: Higher Broughton, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 243074 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12SW (W)	784	1	383428 401064

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	BGS Recorded Mineral Sites Site Name: Crumpsall Road Location: Crumpsall, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15083 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	810	1	384890 401675
111	BGS Recorded Mineral Sites Site Name: Water Lane Brickworks Location: Cheetham, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15074 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	858	1	383660 400525
112	BGS Recorded Mineral Sites Site Name: Queens Road Brickworks Location: Cheetham, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15079 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	913	1	384900 400515
113	BGS Recorded Mineral Sites Site Name: Baronhill Brickworks Location: Cheetham, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15078 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	954	1	384821 400390
114	BGS Recorded Mineral Sites Site Name: Queens Road Brickworks Location: Strangeways, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15072 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	965	1	384690 400295
115	BGS Recorded Mineral Sites Site Name: Collyhurst Location: Collyhurst, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 17335 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	995	1	385230 401000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: Manchester Count Id: 300 Arsenic Minimum: 3.00 mg/kg Concentration: Arsenic Average: 28.00 mg/kg Concentration: Arsenic Maximum: 1008.00 mg/kg Concentration: Cadmium Minimum: 0.30 mg/kg Concentration: Cadmium Average: 1.40 mg/kg Concentration: Cadmium Maximum: 80.30 mg/kg Concentration: Chromium Minimum: 29.00 mg/kg Concentration: Chromium Average: 92.00 mg/kg Concentration: Chromium Maximum: 1252.00 mg/kg Concentration: Lead Minimum: 20.00 mg/kg Concentration: Lead Average: 270.00 mg/kg Concentration: Lead Maximum: 2687.00 mg/kg Concentration: Nickel Minimum: 5.00 mg/kg Concentration: Nickel Average: 32.00 mg/kg Concentration: Nickel Maximum: 137.00 mg/kg Concentration:	A8SE (S)	751	1	384229 400400
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NE (W)	0	10	384229 401179
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	384229 401179
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	384229 401179
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	384229 401179
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	384229 401179
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	384229 401179
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	384229 401179
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	169	1	384265 401366
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	384229 401179

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	384229 401179

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
116	Contemporary Trade Directory Entries Name: Esso Location: 332, Cheetham Hill Road, Manchester, M8 0PL Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	0	-	384236 401178
117	Contemporary Trade Directory Entries Name: Cheetham M O T Station Location: 360 Cheetham Hill Road, Manchester, Greater Manchester, M8 9LS Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	48	-	384174 401233
117	Contemporary Trade Directory Entries Name: Cheetham Auto Repair Centre Location: 360 Cheetham Hill Road, Manchester, Greater Manchester, M8 9LS Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	48	-	384174 401233
118	Contemporary Trade Directory Entries Name: D M Tyres Location: 180, Heywood Street, Manchester, M8 0PD Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	74	-	384223 401081
118	Contemporary Trade Directory Entries Name: I B S Motors Location: 180, Heywood Street, Manchester, M8 0PD Classification: Diesel Fuel Injection Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	74	-	384223 401081
118	Contemporary Trade Directory Entries Name: Northern Garage Location: 176, Heywood Street, Manchester, M8 0PD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	84	-	384221 401071
119	Contemporary Trade Directory Entries Name: Leyland Paint Co Location: 461a, Cheetham Hill Road, Manchester, M8 9PA Classification: Painting & Decorating Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	91	-	384117 401229
120	Contemporary Trade Directory Entries Name: M8 Tyres Location: 431-433a, Cheetham Hill Road, MANCHESTER, M8 0PF Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	102	-	384275 401054
120	Contemporary Trade Directory Entries Name: A B S M O T Station Location: 431-433a, Cheetham Hill Road, MANCHESTER, M8 0PF Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	102	-	384275 401054
121	Contemporary Trade Directory Entries Name: Cheetham Food Store Location: 378, Cheetham Hill Road, Manchester, M8 9LS Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	125	-	384125 401292
122	Contemporary Trade Directory Entries Name: Alpha 1 Investment Location: Cheetham Hill Rd, Manchester, Lancashire, M8 9LR Classification: Cargo Handling Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13NW (NW)	149	-	384075 401273
123	Contemporary Trade Directory Entries Name: Zappmite Location: 213, Heywood Street, Manchester, M8 0PB Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	186	-	384182 400977

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	Contemporary Trade Directory Entries Name: Zappjet Www Zappjet Com Location: 213, Heywood Street, Manchester, M8 0PB Classification: Blast Cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	186	-	384182 400977
123	Contemporary Trade Directory Entries Name: The Cleaning Zone Location: 213, Heywood Street, Manchester, M8 0PB Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	186	-	384182 400977
124	Contemporary Trade Directory Entries Name: Call Centre Location: 396, Cheetham Hill Road, Manchester, M8 9LE Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	215	-	384058 401353
125	Contemporary Trade Directory Entries Name: Woodland Garage Location: Halliwell La, Manchester, Lancashire, M8 9ER Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NW (NW)	217	-	384020 401312
126	Contemporary Trade Directory Entries Name: Adam Heating & Plumbing Ltd Location: 87, Brideoak Street, Manchester, M8 0AY Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	235	-	384088 400978
127	Contemporary Trade Directory Entries Name: Greenhill Refrigeration Ltd Location: 28, Greenhill Road, Manchester, M8 9LG Classification: Refrigerators & Freezers - Servicing & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (N)	245	-	384132 401433
128	Contemporary Trade Directory Entries Name: I A S Autopaints Location: 300, Cheetham Hill Road, Manchester, M8 0PL Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	264	-	384439 400971
129	Contemporary Trade Directory Entries Name: M Z Autos Location: Cardinal St, Manchester, M8 0WP Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	362	-	384556 401372
130	Contemporary Trade Directory Entries Name: Cheshire Cars Location: 48, Cardinal Street, Manchester, M8 0PA Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	371	-	384611 401077
131	Contemporary Trade Directory Entries Name: Adampol Location: Flat 2, 9, Smedley Lane, Manchester, M8 8UJ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	423	-	384568 400877
132	Contemporary Trade Directory Entries Name: Link Up Location: 486, Cheetham Hill Road, Manchester, M8 9JW Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	494	-	383915 401596
133	Contemporary Trade Directory Entries Name: Esso Location: 488-490, Cheetham Hill Road, Manchester, M8 9JP Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (NW)	505	-	383923 401615

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
133	Contemporary Trade Directory Entries Name: T J Levy Location: 488-490, Cheetham Hill Road, Manchester, M8 9JP Classification: Bed & Mattress Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	506	-	383923 401616
133	Contemporary Trade Directory Entries Name: Rainbow Dry Cleaners Location: 6a Bury Old Road, Manchester, Greater Manchester, M8 9JN Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (NW)	551	-	383897 401653
134	Contemporary Trade Directory Entries Name: Fragrance4me.Com Location: 20, Heath Street, Manchester, M8 9ET Classification: Perfume Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (NW)	549	-	383730 401475
135	Contemporary Trade Directory Entries Name: Edwards Elite Location: 24, Copthall Lane, Manchester, M8 9EP Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	588	-	383789 401613
136	Contemporary Trade Directory Entries Name: Liberty Computers Location: 86, Heywood Street, Manchester, M8 0DT Classification: Computer Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	629	-	384224 400523
136	Contemporary Trade Directory Entries Name: Pro Cleaners Cheetham Location: 22a, Balmfield Street, Manchester, M8 0SP Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	642	-	384239 400510
137	Contemporary Trade Directory Entries Name: Robert Crawford Location: Back St. Marks Lane, Manchester, M8 4FW Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	656	-	383803 401715
137	Contemporary Trade Directory Entries Name: Robin Hood Salvage Location: St. Marks La, Manchester, Lancashire, M8 4FW Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	671	-	383804 401734
137	Contemporary Trade Directory Entries Name: Performance Materials Location: New St. Marks Works, St. Marks Lane, Salford, M7 4FE Classification: Wire Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	679	-	383788 401732
137	Contemporary Trade Directory Entries Name: Cable Tapes Uk Ltd Location: New St. Marks Works, St. Marks Lane, Salford, M7 4FE Classification: Wire Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	679	-	383788 401732
138	Contemporary Trade Directory Entries Name: Manchester Plumbers Location: 5, Belton Walk, MANCHESTER, M8 0EB Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	665	-	384013 400529
139	Contemporary Trade Directory Entries Name: 24 Hour Recovery Location: Hillhead Walk, Manchester, Lancashire, M8 0EG Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	680	-	384090 400490

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	Contemporary Trade Directory Entries Name: D T M Motors Location: Herbert Street, Manchester, M8 0DG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	718	-	383976 400486
140	Contemporary Trade Directory Entries Name: D T M Location: 1a, Herbert Street, Manchester, M8 0DG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	718	-	383976 400486
140	Contemporary Trade Directory Entries Name: D T M Location: 1a, Herbert Street, Manchester, M8 0DG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	718	-	383976 400486
141	Contemporary Trade Directory Entries Name: The Stationery Centre Location: 43, Cheetham Parade, Manchester, M8 5DP Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (NW)	723	-	383906 401856
142	Contemporary Trade Directory Entries Name: Go North West Location: QUEENS ROAD DEPOT, QUEENS ROAD, MANCHESTER, M8 8UT Classification: Bus & Coach Operators & Stations Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	738	-	384597 400502
143	Contemporary Trade Directory Entries Name: M B M Motor Repairs Location: Moss Bank, Crumpsall, Manchester, M8 5AB Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	743	-	384288 401942
144	Contemporary Trade Directory Entries Name: J Barlow Servicing Ltd Location: 490-492, Great Cheetham Street East, Salford, M7 4TW Classification: Vacuum Cleaners - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	747	-	383455 401148
145	Contemporary Trade Directory Entries Name: Max Spielmann Location: 10, Union Terrace, Bury Old Road, Salford, Lancashire, M7 4ZH Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	750	-	383783 401816
146	Contemporary Trade Directory Entries Name: H D Autos Ltd Location: Unit 4, Woodland Mill, Hazelbottom Road, Manchester, M8 0GQ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	755	-	385005 401161
146	Contemporary Trade Directory Entries Name: Hamer Plant Location: Smedley House, Smedley Lane, Manchester, M8 0LU Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	788	-	385037 401129
147	Contemporary Trade Directory Entries Name: Red Cheetham Laundry & Dry Cleaners Location: 468, Great Cheetham Street East, Salford, M7 4TW Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	768	-	383441 401083
148	Contemporary Trade Directory Entries Name: The Capital Textile Location: Unit 4, 200 Waterloo Road, Manchester, Greater Manchester, M8 8AE Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A7SE (SW)	772	-	383828 400502

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	Contemporary Trade Directory Entries Name: Tennants Distribution Location: Hazelbottom Road, Manchester, M8 0GR Classification: Chemical Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	796	-	385043 401255
150	Contemporary Trade Directory Entries Name: K H C Location: 7, Holborn Drive, Manchester, M8 8US Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	822	-	384669 400447
151	Contemporary Trade Directory Entries Name: Victoria Garage Location: 3, Norton Street, Salford, M7 4AJ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	830	-	383380 401078
152	Contemporary Trade Directory Entries Name: D E T T Location: A, 73, Cravenwood Road, Manchester, Lancashire, M8 5AN Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	846	-	384310 402044
153	Contemporary Trade Directory Entries Name: Currys Pc World Location: Elizabeth Street, Manchester, M8 8BB Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	847	-	384313 400307
154	Contemporary Trade Directory Entries Name: Syd Abrams Location: 141, Waterloo Road, Manchester, M8 8BT Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	850	-	383743 400467
155	Contemporary Trade Directory Entries Name: Village Vac Shop Location: 15-15a, King Edward Buildings, Bury Old Road, Salford, M7 4QJ Classification: Vacuum Cleaners - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	852	-	383742 401911
156	Contemporary Trade Directory Entries Name: Naz'S Mot Ltd Location: 2, Sandy Bank Road, Manchester, M8 5EN Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	854	-	383807 401952
156	Contemporary Trade Directory Entries Name: Naz'S M O T Ltd Location: 2, Sandy Bank Road, Manchester, M8 5EN Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	854	-	383807 401951
157	Contemporary Trade Directory Entries Name: Canopy & Ducting Cleaning Manchester Location: 79, Moss Bank, Manchester, M8 5AP Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	856	-	384440 402031
158	Contemporary Trade Directory Entries Name: Breedon Aggregates Location: Queens Road, Manchester, Greater Manchester, M8 0RB Classification: Sand, Gravel & Other Aggregates Status: Active Positional Accuracy: Manually positioned within the geographical locality	A9NE (SE)	869	-	384901 400581
159	Contemporary Trade Directory Entries Name: Pro Form Uk Ltd Location: Unit 12,Hendham Vale Ind Pk,Vale Pk Way, Manchester, Lancashire, M8 0AD Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	871	-	385120 401130

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	Contemporary Trade Directory Entries Name: The Textile Centre London Location: 200, Waterloo Road, Manchester, M8 8AE Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	874	-	383814 400391
160	Contemporary Trade Directory Entries Name: Cheetham Auto Parts Location: 170, Waterloo Road, Manchester, M8 8AE Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	906	-	383797 400365
161	Contemporary Trade Directory Entries Name: Denford & Stobart Ltd Location: 10, Westwood Avenue, Salford, M7 4HD Classification: Firefighting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	879	-	383435 401625
161	Contemporary Trade Directory Entries Name: Denford & Stobart Location: 10, Westwood Avenue, Salford, M7 4HD Classification: Firefighting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	879	-	383435 401625
161	Contemporary Trade Directory Entries Name: Parkside Healthcare Location: 12, Parkside Avenue, Salford, M7 4HB Classification: Chemists' & Pharmacists' Suppliers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	902	-	383438 401674
162	Contemporary Trade Directory Entries Name: Asna Enterprise Location: 153, Smedley Road, Manchester, M8 0RU Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	879	-	385044 400781
163	Contemporary Trade Directory Entries Name: Competent Cleaners Manchester Location: Station Road, Manchester, Greater Manchester, M8 5BS Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	881	-	384121 402079
164	Contemporary Trade Directory Entries Name: Halal Meat & Food Store Location: 23, Lansdowne Road, Manchester, Lancashire, M8 5SF Classification: Meat - Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	894	-	384392 402080
165	Contemporary Trade Directory Entries Name: Jessops Chapefields Location: Unit 1, Manchester Fort Shopping Park, Cheetham Hill Road, Manchester, Lancashire, M8 8EP Classification: Photographic Processors Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9SW (S)	904	-	384575 400309
166	Contemporary Trade Directory Entries Name: B Sternberg & Sons (Textiles) Ltd Location: Benstern House, 23-23a, Elizabeth Street, Manchester, M8 8BB Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	910	-	384189 400243
167	Contemporary Trade Directory Entries Name: L G Marketing Ltd Location: 72, Leicester Road, Salford, M7 4AR Classification: Toys, Games & Sporting Goods - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	911	-	383292 401253

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	Contemporary Trade Directory Entries Name: L G Marketing Ltd Location: 72, Leicester Road, Salford, M7 4AR Classification: Toys, Games & Sporting Goods - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	911	-	383292 401253
167	Contemporary Trade Directory Entries Name: Yvette'S Location: 29, Leicester Road, Salford, M7 4AS Classification: Cleaning Materials & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	949	-	383254 401248
167	Contemporary Trade Directory Entries Name: Sunshine Cleaners Location: 27, Leicester Road, Salford, M7 4AS Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	949	-	383253 401244
168	Contemporary Trade Directory Entries Name: Lunex Ltd Location: Unit 8, Hendham Vale Industrial Park, Vale Park Way, Manchester, M8 0AD Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	913	-	385164 401176
168	Contemporary Trade Directory Entries Name: Powerplus Enterprises Ltd Location: Unit 7, Hendham Vale Industrial Park, Vale Park Way, Manchester, M8 0AD Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	926	-	385177 401197
168	Contemporary Trade Directory Entries Name: Car Deals 4 U Location: Hendham Vale Industrial Park, Vale Park Way, Manchester, Greater Manchester, M8 0AD Classification: Car Dealers - Used Status: Active Positional Accuracy: Manually positioned to the address or location	A14NE (E)	934	-	385185 401203
169	Contemporary Trade Directory Entries Name: Stiller Warehousing & Distribution Ltd Location: Bury Old Rd, Manchester, Lancashire, M8 5BW Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17NE (NW)	917	-	383746 401989
169	Contemporary Trade Directory Entries Name: The Jewellery Workshop Location: 90a, Bury Old Road, Manchester, M8 5BW Classification: Jewellery Manufacturers & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	927	-	383739 401997
170	Contemporary Trade Directory Entries Name: Hexagon International Transport Ltd Location: Cheetwood Road, MANCHESTER, M8 8AQ Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (S)	919	-	383877 400310
170	Contemporary Trade Directory Entries Name: Babywearwholesale.Com Location: Cheetwood Road, Manchester, M8 8AQ Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7SE (S)	948	-	383882 400276
171	Contemporary Trade Directory Entries Name: Queens Garage Location: 209a, Queens Road, Manchester, M8 0RB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	921	-	384995 400615

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
171	Contemporary Trade Directory Entries Name: Queens Garage Location: 209a, Queens Road, Manchester, M8 0RB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	921	-	384995 400615
172	Contemporary Trade Directory Entries Name: Klick Location: 88, Bury Old Road, Manchester, Lancashire, M8 5BW Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	922	-	383743 401994
172	Contemporary Trade Directory Entries Name: Seymour Motor Co Location: 4, Seymour Road, Manchester, M8 5BG Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	943	-	383771 402034
172	Contemporary Trade Directory Entries Name: G M Autos Location: Unit 3, 2, Seymour Road, Manchester, M8 5BG Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	944	-	383771 402035
172	Contemporary Trade Directory Entries Name: Greenvale Services Location: Unit 1, 2, Seymour Road, Manchester, M8 5BG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	944	-	383771 402035
173	Contemporary Trade Directory Entries Name: Snapshot Location: 44, Leicester Road, Salford, M7 4AR Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	926	-	383277 401152
174	Contemporary Trade Directory Entries Name: Denver Knitwear Location: 60 Trading Estate, Sherborne Street, Manchester, Greater Manchester, M8 8LR Classification: Knitwear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	954	-	384057 400216
174	Contemporary Trade Directory Entries Name: A N Enterprise Location: Unit 2, Trading Centre, Sherborne Street, Manchester, M8 8LR Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	998	-	384038 400175
175	Contemporary Trade Directory Entries Name: The Hira Co Ltd Location: Elizabeth House, Elizabeth Street, Manchester, M8 8JJ Classification: Electrical Goods - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	974	-	384266 400177
176	Contemporary Trade Directory Entries Name: Lanway Trading Ltd Location: Unit 4, Hendham Vale Industrial Park, Vale Park Way, Manchester, M8 0AD Classification: Homefurnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	980	-	385227 401253
176	Contemporary Trade Directory Entries Name: D K Wholesale Ltd Location: Unit 4 Vale Park Industrial Estate, Hazelbottom Road, Manchester, Greater Manchester, M8 0GF Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (E)	993	-	385242 401241

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	Contemporary Trade Directory Entries Name: Comet Group Plc Location: 238, Cheetham Hill Road, Manchester, M8 8LN Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	996	-	384417 400170
178	Contemporary Trade Directory Entries Name: Bio Life Fuel Ltd Location: Unit 1A, Vale Pk Ind Est, Hazelbottom Rd, Manchester, Lancashire, M8 0GF Classification: Fuel Dealers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	999	-	385234 401352
179	Fuel Station Entries Name: Shirley Service Station Location: 332, Cheetham Hill Road, Cheetham Hill, Manchester, Greater Manchester, M8 0PL Brand: ESSO Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	0	-	384241 401172
180	Fuel Station Entries Name: Express Service Station Location: 445, Cheetham Hill Road, Manchester, Greater Manchester, M8 0PF Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier	A13SE (SE)	119	-	384295 401043
181	Fuel Station Entries Name: Former Garage Location: Queens Road, Smedley, Manchester, Greater Manchester, M Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	862	-	384821 400510
182	Points of Interest - Commercial Services Name: Kwik Shine Location: 445 Cheetham Hill Road, Manchester, M8 0PF Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SW (S)	44	11	384219 401117
182	Points of Interest - Commercial Services Name: Northern Garage Location: 176 Heywood Street, Manchester, M8 0PD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (S)	84	11	384221 401071
182	Points of Interest - Commercial Services Name: Northern Garage Location: 176 Heywood Street, Manchester, M8 0PD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (S)	84	11	384221 401071
182	Points of Interest - Commercial Services Name: Abs MOT Station Location: 431-433a, Cheetham Hill Road, Manchester, M8 0PF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	102	11	384275 401054
182	Points of Interest - Commercial Services Name: Abs MOT Station Location: 433 Cheetham Hill Road, Manchester, M8 0PF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	102	11	384275 401054
182	Points of Interest - Commercial Services Name: Abs MOT Station Location: 431-433a, Cheetham Hill Road, Manchester, M8 0PF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	102	11	384275 401054

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
182	Points of Interest - Commercial Services Name: A B S M O T Station Location: 431 Cheetham Hill Road, Manchester, M8 0PF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	122	11	384302 401043
183	Points of Interest - Commercial Services Name: Cheetham Auto Repair Centre Location: 360 Cheetham Hill Road, Manchester, M8 9LS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	48	11	384174 401233
183	Points of Interest - Commercial Services Name: Cheetham M O T Station Location: 360 Cheetham Hill Road, Manchester, M8 9LS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	48	11	384174 401233
184	Points of Interest - Commercial Services Name: Zappmite Location: 213 Heywood Street, Manchester, M8 0PB Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A13SW (S)	187	11	384181 400976
185	Points of Interest - Commercial Services Name: Woodland Garage Location: 1 Progress Buildings, Halliwell Lane, Manchester, M8 9ER Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	229	11	384013 401325
186	Points of Interest - Commercial Services Name: I A S Autopaints Location: 300 Cheetham Hill Road, Manchester, M8 0PL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	264	11	384439 400971
187	Points of Interest - Commercial Services Name: A S N A Enterprise Location: 424 Cheetham Hill Road, Manchester, M8 9LE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NW (NW)	310	11	384002 401431
188	Points of Interest - Commercial Services Name: Adampol Location: Flat 2 9, Smedley Lane, Manchester, M8 8UJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SW (SE)	423	11	384568 400877
189	Points of Interest - Commercial Services Name: Cheetham Motor Factors Location: 341 Cheetham Hill Road, Manchester, M8 0SF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	511	11	384430 400675
190	Points of Interest - Commercial Services Name: D T M Motors Ltd Location: 1a Herbert Street, Manchester, M8 0DG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	718	11	383976 400486
190	Points of Interest - Commercial Services Name: D T M Motors Location: 1a Herbert Street, Manchester, M8 0DG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	718	11	383975 400486
190	Points of Interest - Commercial Services Name: D T M Location: 1 Herbert Street, Manchester, M8 0DG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	718	11	383976 400486

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	Points of Interest - Commercial Services Name: D T M Location: 1 Herbert Street, Manchester, M8 0DG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	718	11	383976 400486
191	Points of Interest - Commercial Services Name: H D Autos Ltd Location: Unit 4 Woodland Mill, Hazelbottom Road, Manchester, M8 0GQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	755	11	385005 401160
192	Points of Interest - Commercial Services Name: Naz's MOT Ltd Location: 2 Sandy Bank Road, Manchester, M8 5EN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	853	11	383807 401951
192	Points of Interest - Commercial Services Name: Naz's M O T Ltd Location: 2 Sandy Bank Road, Manchester, M8 5EN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	853	11	383807 401951
193	Points of Interest - Commercial Services Name: Mecca Motors Location: 31a Enver Road, Manchester, M8 5UN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	867	11	384651 401958
194	Points of Interest - Commercial Services Name: Sandybank Garage Location: 1 Sandy Lane, Manchester, M8 Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	871	11	383797 401966
194	Points of Interest - Commercial Services Name: Stiller Warehousing & Distribution Ltd Location: 92 Bury Old Road, Manchester, M8 5BW Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17NE (NW)	933	11	383737 402003
194	Points of Interest - Commercial Services Name: Seymour Motor Co Location: 4 Seymour Road, Manchester, M8 5BG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	940	11	383789 402040
194	Points of Interest - Commercial Services Name: Seymour Motor Co Location: 4 Seymour Road, Manchester, M8 5BG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	944	11	383771 402035
195	Points of Interest - Commercial Services Name: M A Motor Services Location: 200 Waterloo Road, Manchester, M8 8AE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	874	11	383814 400391
196	Points of Interest - Commercial Services Name: Asna Enterprise Ltd Location: 153 Smedley Road, Manchester, M8 0RU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9NE (SE)	879	11	385044 400781
197	Points of Interest - Commercial Services Name: Hexagon International Transport Ltd Location: Cheetwood Road, Manchester, M8 8AQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7SE (S)	919	11	383877 400310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
197	Points of Interest - Commercial Services Name: Hexagon International Transport Ltd Location: Cheetwood Road, Manchester, M8 8AQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7SE (S)	919	11	383877 400310
197	Points of Interest - Commercial Services Name: Hexagon International Transport Ltd Location: Cheetwood Road, Manchester, M8 8AQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7SE (S)	920	11	383877 400309
198	Points of Interest - Commercial Services Name: Queens Garage Location: 209a Queens Road, Manchester, M8 0RB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	921	11	384995 400615
198	Points of Interest - Commercial Services Name: Queens Garage Location: 209a Queens Road, Manchester, M8 0RB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	921	11	384995 400615
199	Points of Interest - Commercial Services Name: A F O S Location: 22 Lansdowne Road, Manchester, M8 5SH Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NE (N)	980	11	384384 402169
200	Points of Interest - Commercial Services Name: Car Breakers Yard Location: M8 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A8SW (S)	992	11	384140 400165
201	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13NW (NW)	49	11	384178 401236
201	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	91	11	384117 401227
201	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	93	11	384114 401226
202	Points of Interest - Manufacturing and Production Name: Tank Location: M8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	146	11	384392 401214
203	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	381	11	384620 401076
204	Points of Interest - Manufacturing and Production Name: Works Location: M7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A17SE (NW)	681	11	383791 401737

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
205	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	812	11	385060 401112
205	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	812	11	385060 401112
206	Points of Interest - Manufacturing and Production Name: Factory Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A7SE (SW)	936	11	383791 400334
206	Points of Interest - Manufacturing and Production Name: Factory Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A7SE (SW)	975	11	383805 400282
207	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A17NE (NW)	939	11	383791 402040
208	Points of Interest - Manufacturing and Production Name: J Mead Location: Crescent Road, Manchester, M8 5UR Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A19SE (NE)	950	11	384989 401776
209	Points of Interest - Manufacturing and Production Name: Vale Park Industrial Estate Location: M8 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	992	11	385220 401387
210	Points of Interest - Public Infrastructure Name: Shirley Service Station Location: 332 Cheetham Hill Road, Manchester, M8 0PL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NE (E)	0	11	384236 401178
210	Points of Interest - Public Infrastructure Name: Esso Location: 332 Cheetham Hill Road, Manchester, M8 0PL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NE (E)	0	11	384236 401178
210	Points of Interest - Public Infrastructure Name: Esso Location: 490 Cheetham Hill Road, Manchester, M8 0PL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	0	11	384243 401171
210	Points of Interest - Public Infrastructure Name: Shirley Service Station Location: 332 Cheetham Hill Road, Manchester, M8 0PL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NE (E)	0	11	384236 401178
210	Points of Interest - Public Infrastructure Name: Shirley Service Station Location: 332 Cheetham Hill Road, Manchester, M8 0PL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NE (E)	0	11	384235 401178

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
211	Points of Interest - Public Infrastructure Name: Cheetham Hill Police Station Location: Cheetham Hill Police Station 551, Cheetham Hill Road, Manchester, M8 9HZ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A17SE (NW)	505	11	383882 401585
212	Points of Interest - Public Infrastructure Name: Bus Depot Location: M8 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	638	11	384600 400621
213	Points of Interest - Public Infrastructure Name: Cemetery Location: M8 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	641	11	383752 401651
214	Points of Interest - Public Infrastructure Name: Go North West Location: Bus Depot, Queens Road, Manchester, M8 8UT Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A9SW (SE)	738	11	384597 400502
214	Points of Interest - Public Infrastructure Name: Bus Depot Location: M8 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	750	11	384591 400486
215	Points of Interest - Public Infrastructure Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	819	11	383868 401944
215	Points of Interest - Public Infrastructure Name: Wesleyan Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	872	11	383847 401992
216	Points of Interest - Public Infrastructure Name: Gulf Location: Waterloo Road, Manchester, M8 8GJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7SE (SW)	858	11	383843 400394
217	Points of Interest - Recreational and Environmental Name: Play Area Location: M8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	393	11	384629 401060
218	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	503	11	383791 400902
219	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	565	11	383715 401482
220	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	609	11	383610 401047

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
220	Points of Interest - Recreational and Environmental Name: Playground Location: Weatherall Street North, M7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	617	11	383602 401047
221	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	619	11	383609 401375
221	Points of Interest - Recreational and Environmental Name: Play Area Location: St Mark'S Lane, M8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	626	11	383602 401375
222	Points of Interest - Recreational and Environmental Name: Play Area Location: M7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	736	11	383483 401353
222	Points of Interest - Recreational and Environmental Name: Playground Location: Great Cheetham Street East, M7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A12NW (W)	738	11	383470 401292
223	Points of Interest - Recreational and Environmental Name: Play Area Location: M8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	874	11	383980 400319
224	Points of Interest - Recreational and Environmental Name: Playground Location: Barrow Hill Road, M8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A7SE (SW)	941	11	383605 400463

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
225	Nitrate Vulnerable Zones Name: River Irk (Moston Brook To River Irwell) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NE (N)	0	6	384229 401200
226	Nitrate Vulnerable Zones Name: Irwell / Man. Ship Canal (Kearsley To Irlam Locks) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NE (W)	0	6	384229 401179

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Trafford Metropolitan Borough Council - Renewal and Environmental Protection Manchester City Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department	June 2020 November 2013 October 2017 October 2017 October 2017 October 2017 September 2017	Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - North West Region	April 2022	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	
Integrated Pollution Controls Environment Agency - North West Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North West Region	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 March 2015 March 2015 October 2014 September 2014	Variable Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 March 2015 March 2015 October 2014 September 2014	Not Applicable Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 March 2015 March 2015 October 2014 September 2014	Variable Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	March 2022	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	
Registered Radioactive Substances Scottish Environment Protection Agency - Head Office Environment Agency - North West Region	January 1998 June 2016	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	

Agency & Hydrological	Version	Update Cycle
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	April 2022	Quarterly
Water Abstractions Environment Agency - North West Region	April 2022	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2022	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2022	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2022	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2022	Quarterly
Flood Defences Environment Agency - Head Office	February 2022	Quarterly
OS Water Network Lines Ordnance Survey	April 2022	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - South Area	April 2022	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	April 2022	Quarterly
Local Authority Landfill Coverage Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Trafford Metropolitan Borough Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Trafford Metropolitan Borough Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North West Region - South Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area	June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Trafford Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Salford City Council	April 2016 February 2016 February 2016 February 2016 February 2016 June 2016	Variable Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Trafford Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Salford City Council	April 2016 February 2016 February 2016 February 2016 February 2016 June 2016	Variable Variable Variable Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	December 2015	As notified
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	March 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2022	Quarterly
Points of Interest - Education and Health PointX	June 2022	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2022	Quarterly
Points of Interest - Public Infrastructure PointX	June 2022	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2022	Quarterly
Underground Electrical Cables National Grid	May 2021	Bi-Annually

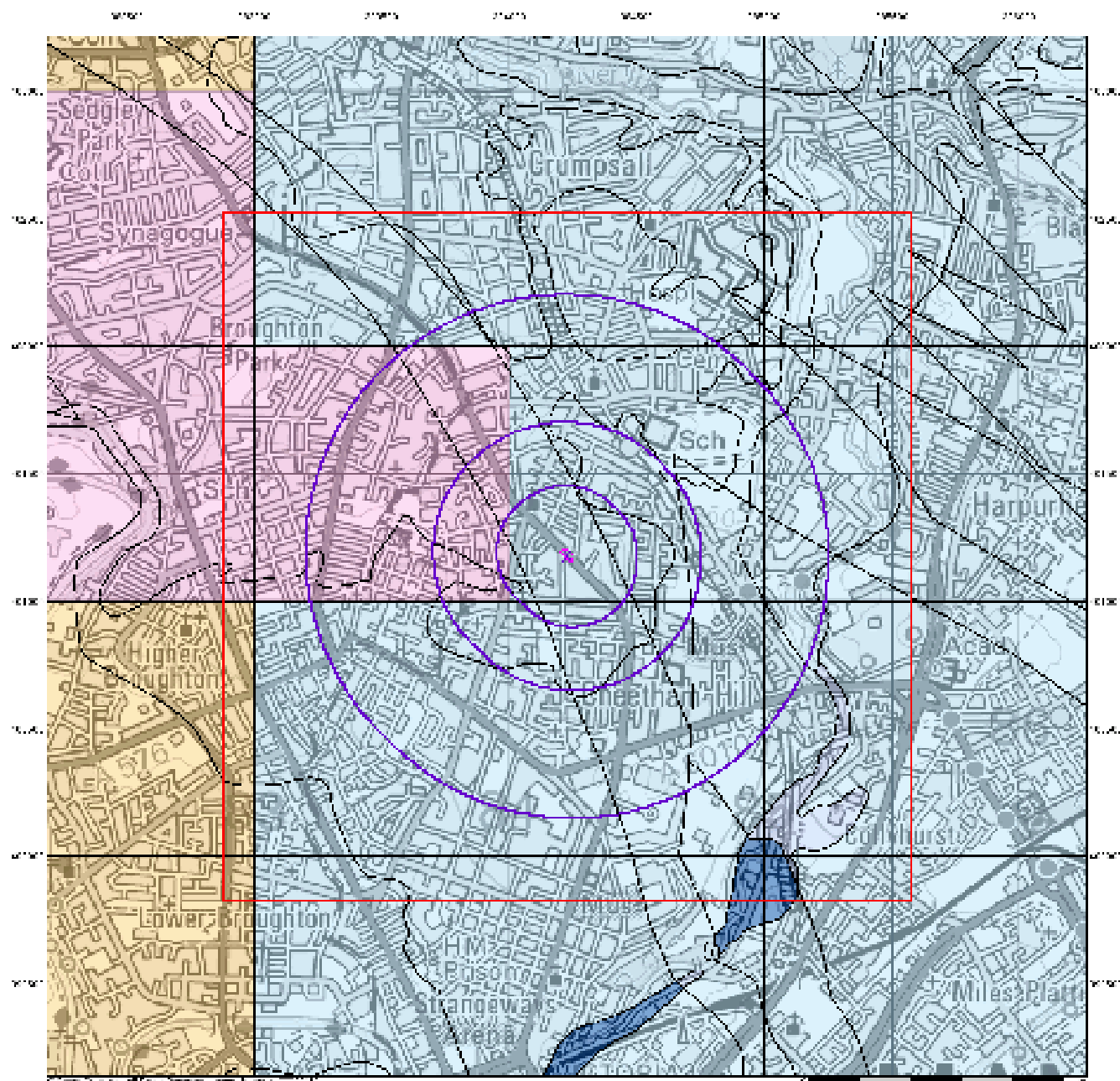
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Bury Metropolitan Borough Council Manchester City Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Salford City Council Trafford Metropolitan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

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Manchester City Council - Environmental Health Department PO Box 463, Town Hall Extension, Albert Square, Manchester, Greater Manchester, M60 3NY	Telephone: 0161 234 4884 / 234 4873. Fax: 0161 234 4508 Website: www.manchester.gov.uk
4	Salford City Council - Environmental Health Department Crompton House, 100 Chorley Road, Swinton, Manchester, Greater Manchester, M27 2ES	Telephone: 0161 7370551 Fax: 0161 728 1956 Website: www.salford.gov.uk
5	Scottish Environment Protection Agency - Head Office Erskine Court, The Castle Business Park, Stirling, Stirlingshire, FK9 4TR	Telephone: 01786 457700 Fax: 01786 446885
6	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
7	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
8	Manchester City Council - Planning Department Town Hall, Manchester, Greater Manchester, M60 2LA	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
9	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
10	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
11	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
12	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



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LANDMARK INFORMATION GROUP

Groundwater Vulnerability

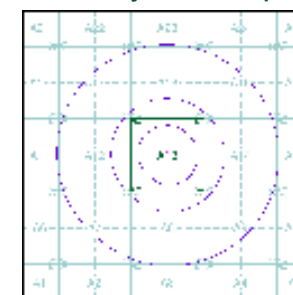
Ground

GV
 AH
 U

Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Groundwater Vulnerability High Groundwater Vulnerability Medium Groundwater Vulnerability Medium Groundwater Vulnerability Low Groundwater Vulnerability Low Groundwater Vulnerability	High Groundwater Vulnerability High Groundwater Vulnerability Medium Groundwater Vulnerability Medium Groundwater Vulnerability Low Groundwater Vulnerability Low Groundwater Vulnerability
Uncontaminated Uncontaminated	Uncontaminated Uncontaminated

Site Sensitivity Context Map - Slice A



Order Details

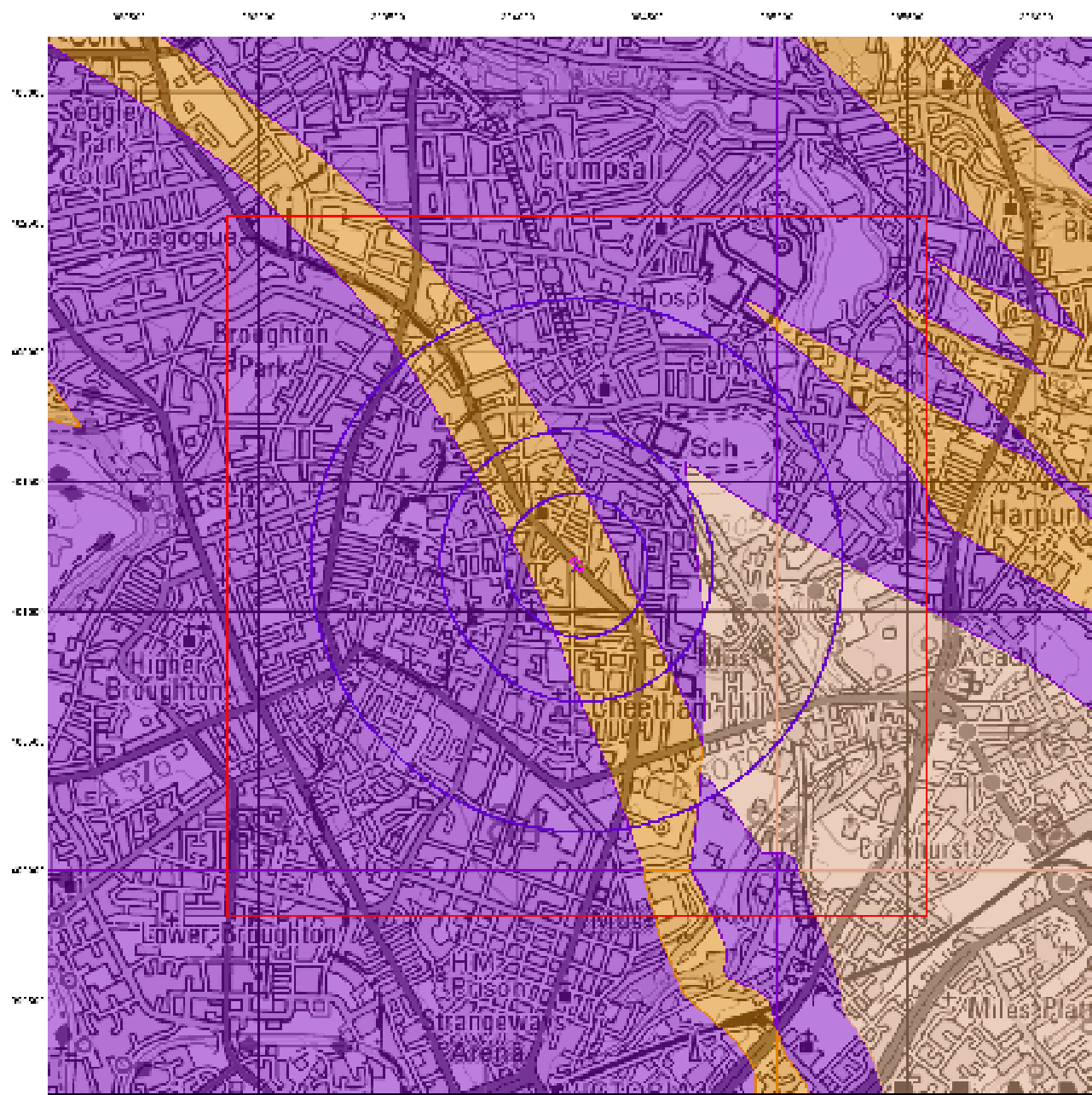
Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Site: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

Landmark

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



Bedrock Aquifer Designation

Ground

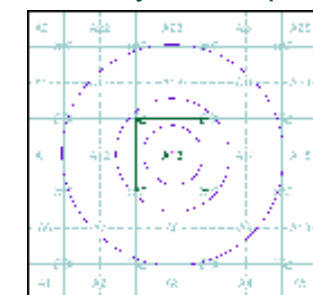
Groundwater Protection Zone (GWPZ)
 Groundwater Protection Zone (GWPZ)

Agency and Hydrological

Geological Classes

- Unconsolidated Aquifer
- Consolidated Aquifer
- Consolidated Aquifer
- Consolidated Aquifer
- Unconsolidated Aquifer
- Unconsolidated Aquifer

Site Sensitivity Context Map - Slice A

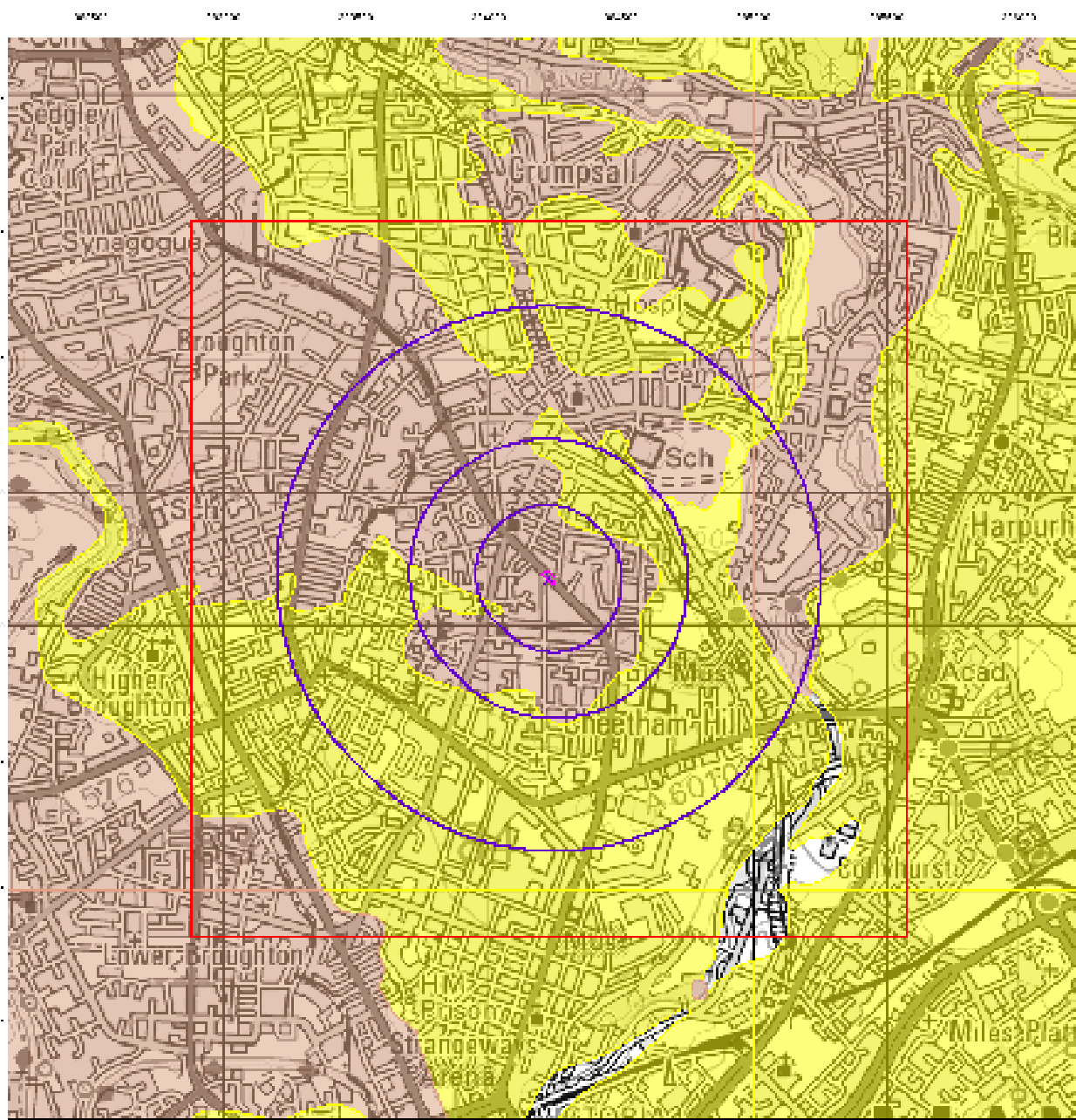


Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL



Envirocheck

LANDMARK INFORMATION GROUP

Superficial Aquifer Designation

General

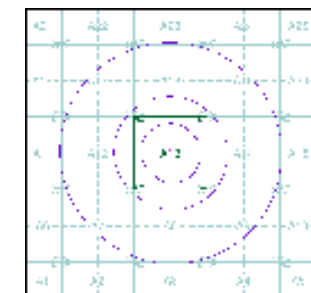
● Unconsolidated Deposits
 ● Consolidated Deposits
 ● Solid Rock
 ● Basal and Sub-basaltic
 ● Unconsolidated Deposits
 ● Unconsolidated
 ● Unconsolidated Deposits

Agency and Hydrological

Geological Classes

- Unconsolidated Deposits
- Consolidated Deposits
- Solid Rock
- Basal and Sub-basaltic
- Unconsolidated Deposits
- Unconsolidated
- Unconsolidated Deposits

Site Sensitivity Context Map - Slice A



Order Details

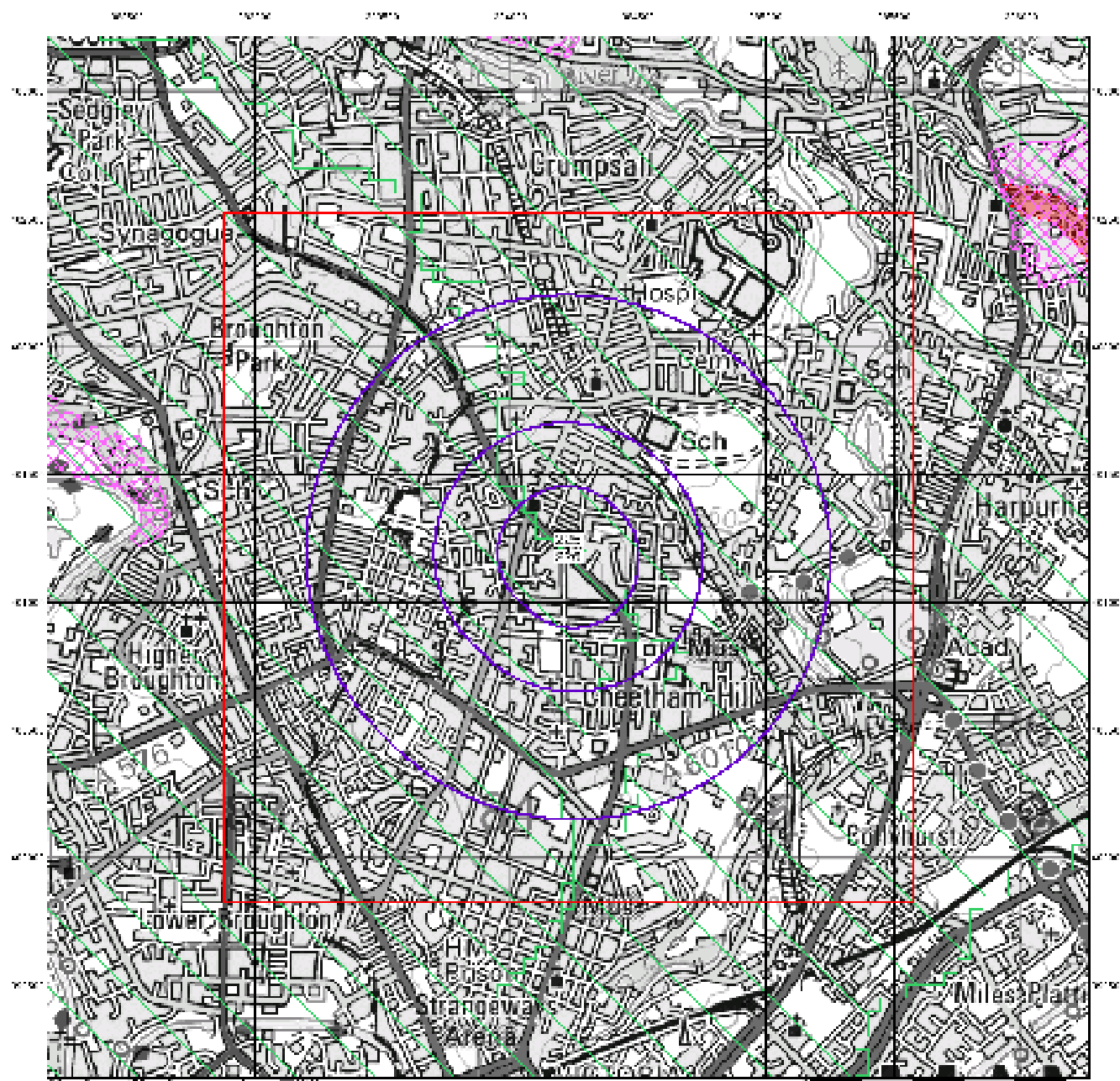
Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

Landmark
 LANDMARK INFORMATION GROUP

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

**Envirocheck**® LAN MARK INFORMATION GROUP®

Sensitive Land Uses

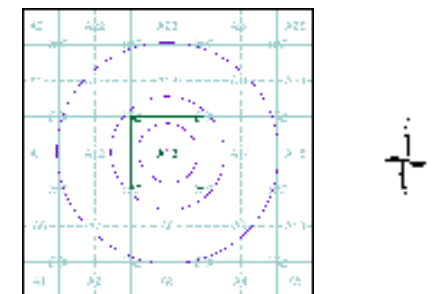
CHINA

 7. a. 66 7. b. 67 7. c. 68

Sensitive Land Units

	Redeem Voucher		Not in Use
	Active Voucher		Not in Collection
	Approved Voucher		Not in Collection Set
	Cancelled Voucher		Not in Set
	Transferable Voucher		Not in Collection Set
	Expired Voucher		Cancelled Voucher
	Not in Collection		Not in Collection
	Not in Collection		Not in Collection
	Not in Collection		

Site Sensitivity Context Map - Slice A



Order Details

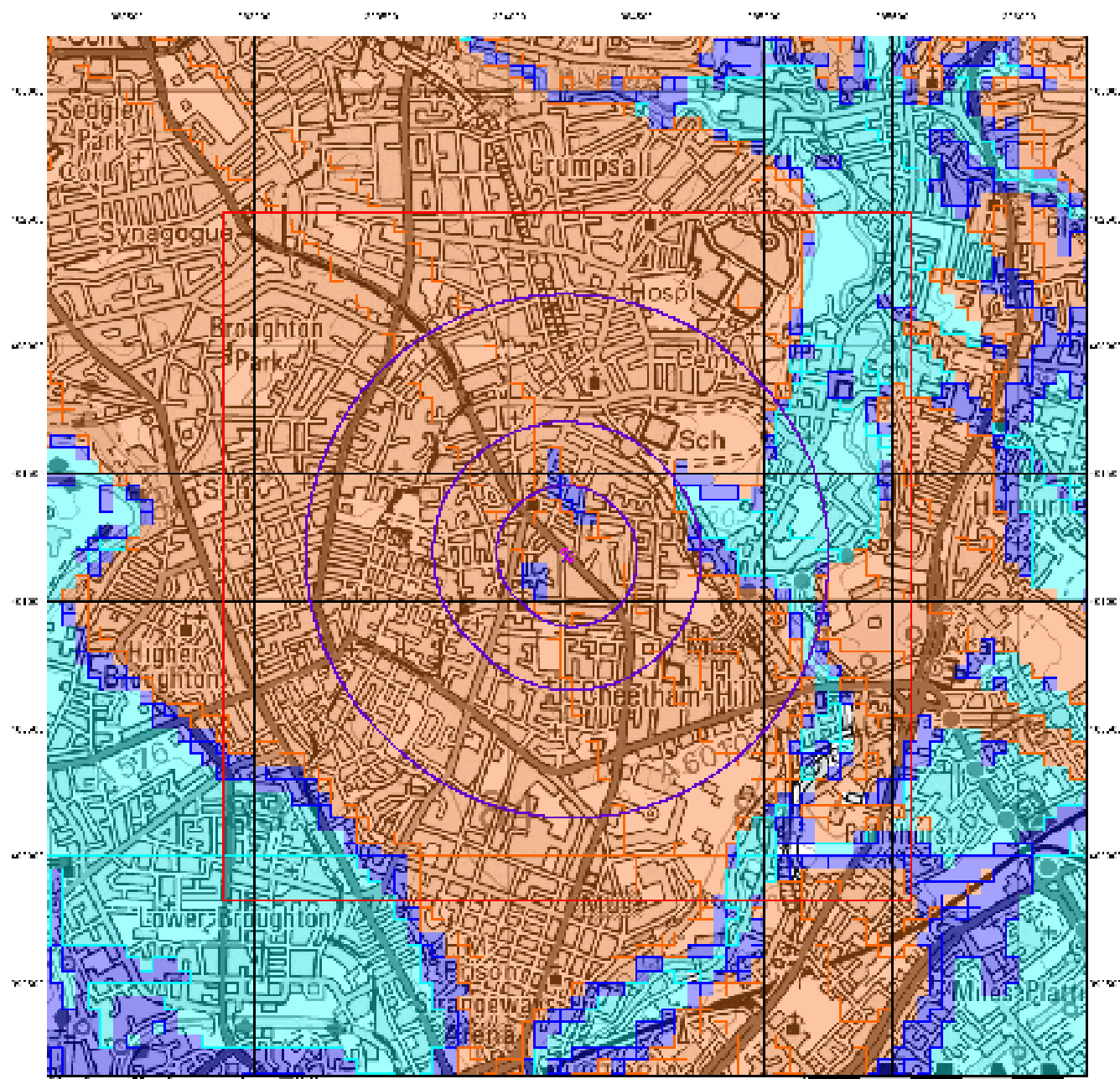
Order Number:	297085833_1_1
Customer Ref:	1289
National Grid Reference:	384230, 401180
Slice:	A
Site Area (Ha):	0.13
Search Buffer (m):	1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

Landmark

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



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● LANDMARK INFORMATION GROUP

BGS Flood GFS Data

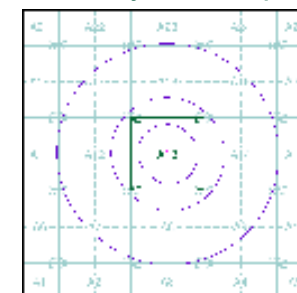
General

- Flood Risk
- Flood Risk
- Flood Risk
- Flood Risk

Agency and Hydrological (Flood)

- Flood Risk
- Flood Risk
- Flood Risk

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

Landmark
A Landmark Information Group Service

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

Industrial Land Use Map

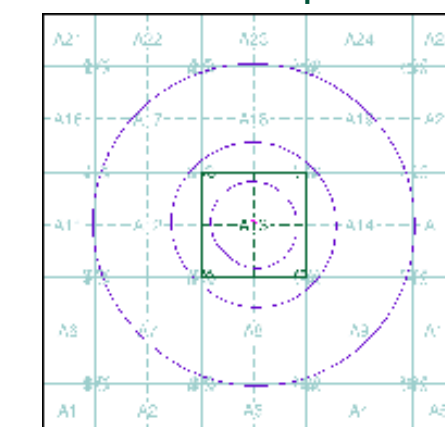
General

- Location of Site
- Specified Buffer
- Boundary Reference Point
- Site
- Map ID

Industrial Land Use

- Point of Interest - Trade Wreck - Ind -
- Point of Interest - Ind -
- Gas Pipeline
- Point of Interest - Commercial Services
- Point of Interest - Education and Health
- Point of Interest - Manufacturing and Production
- Point of Interest - Public Administration
- Point of Interest - Recreation and Amusement
- Underground Council District

Industrial Land Use Map - Slice A



Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

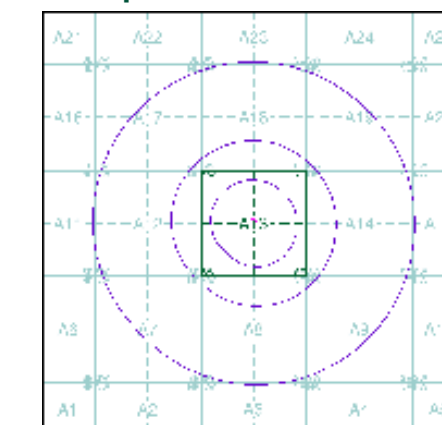
General

- Structure Point
- Structure Boundary
- ✕ Existing Drainage Point

Agency and Hydrological (Flood)

- Flooded Floodplain (in Flood or Flood at Risk (Extreme Storm))
- Flooded Floodplain (in Flood or Flood at Risk (Storm))
- Area Benefiting from Flood Defence
- Flood Risk Along Road
- Flood Defence

Flood Map - Slice A



Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

General

- Street Layout
- Search Buffer
- Borehole Location
- Map ID
- Boundary of Local Authority

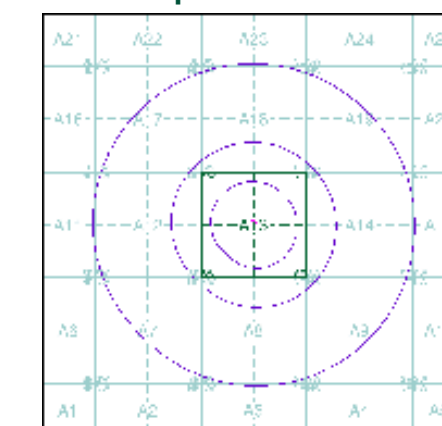
Agency and Hydrological (Boreholes)

- Borehole (Environment Agency)
- Borehole (Environment Agency)
- Borehole (Environment Agency)
- Borehole (Other)
- Other

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

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

General

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

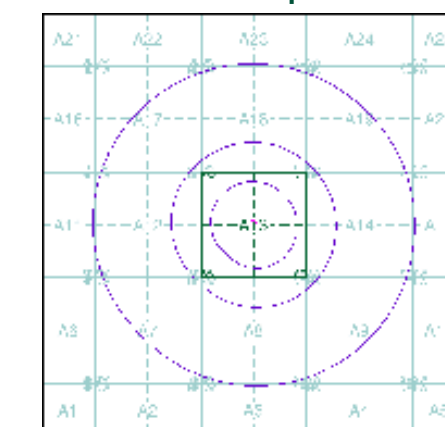
OS Water Network Data

- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Forestream | Lake |
| Moor | Transfer |
| Tidal River | Lock Or Flight Off take |
| Inland River | Sea |

Contours (height in meters)

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

OS Water Network Map - Slice A



Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

General

- Study Area
- Search Buffer
- Excluded Features

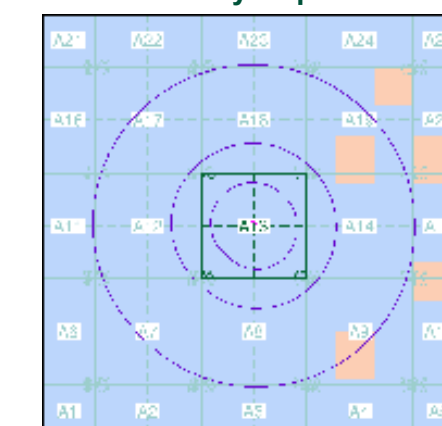
Risk of Flooding from Surface Water

- High - 50 Year Return Period
- Medium - 100 Year Return Period
- Low - 200 Year Return Period

Suitability

- Overall Suitability
- Highly Suitable
- Medium Suitable
- Low Suitable
- Very Low Suitable
- Unsuitable

EANRW Suitability Map - Slice A



Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

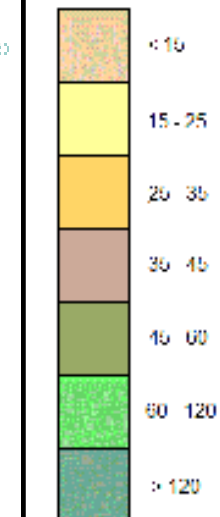
330, Cheetham Hill Road, MANCHESTER, M8 0PL

General

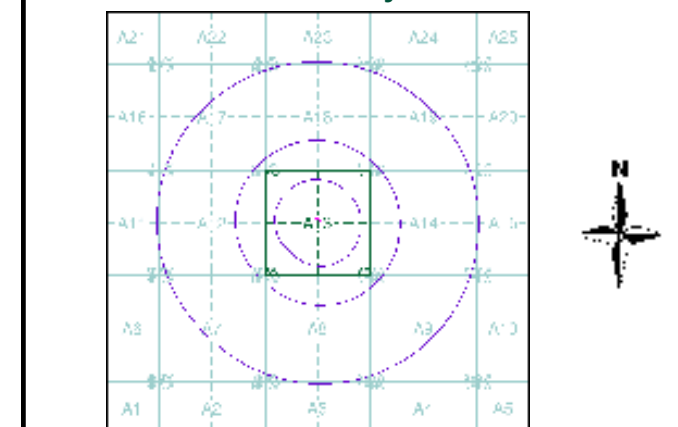
Open road, Streetlights, Touring Reference

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

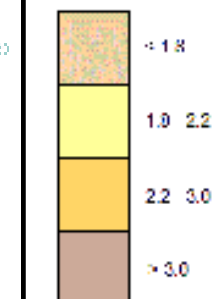
330, Cheetham Hill Road, MANCHESTER, M8 0PL

General

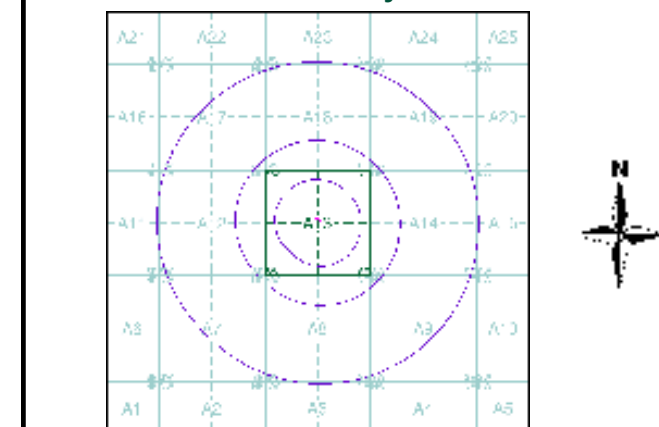
X Specimen 011 X Specimen 012 X Specimen 013

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

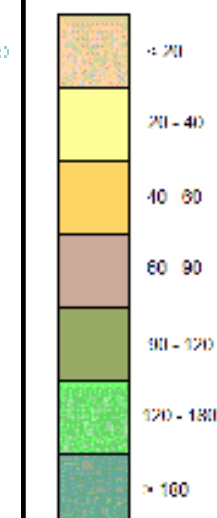
330, Cheetham Hill Road, MANCHESTER, M8 0PL

General

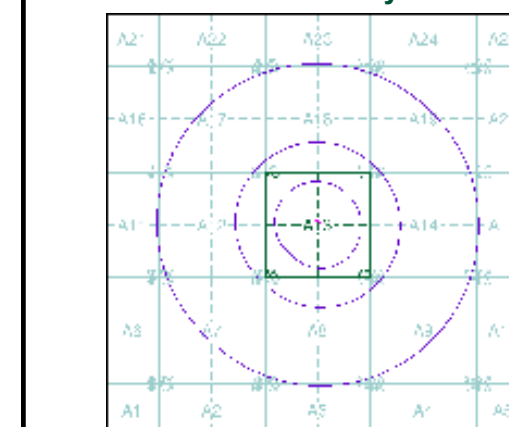
Open and fill Open and dry (dry) Dry (dry) Deep water body

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

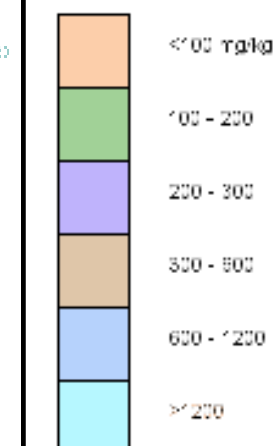
330, Cheetham Hill Road, MANCHESTER, M8 0PL

General

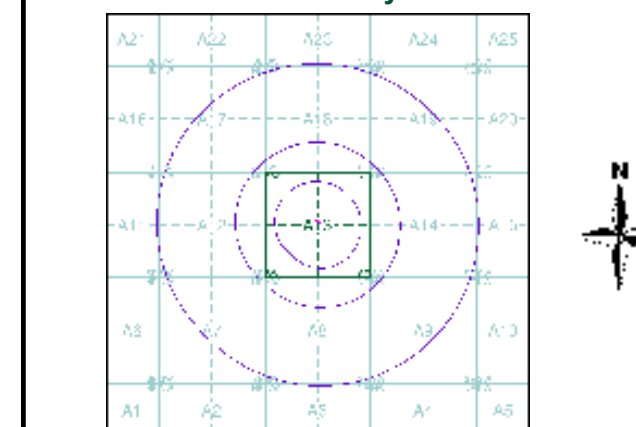
Specified Site Specified Parameter Existing Point of Interest

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

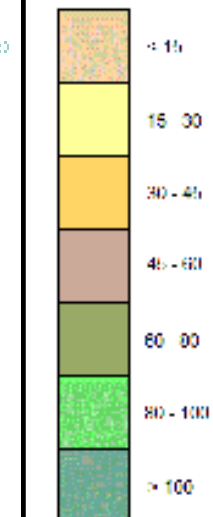
330, Cheetham Hill Road, MANCHESTER, M8 0PL

General

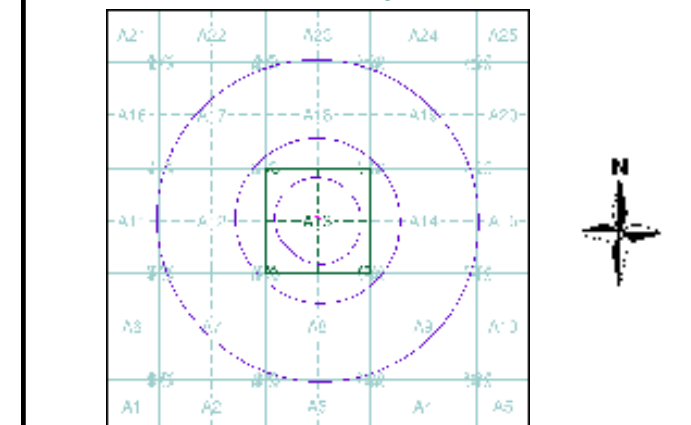
● Boundary Line
 ○ Contaminated Land
 X Change to Contaminated

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

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

	Grassy		Gravelly		Gravelly
	Clayey		Shrubby		Tropical Forest
	Shallow Marshy		Flat Rocky		
	Marsh		Heath		Oxley
	Rough Pasture		Lush		Wood
	Mixed Wood		Freshwater		Overland
	Flooded		Flood		Shallow Slough
	Empty		Waterfall		Rock
	Ingr. Station		Altitude at Ingr. Station		
	Band Mark		Surface Road		
	Arched channel flow of water		Antiquities (site of)		
	Culling		Fulcrum		
	Subway crossing Road		Level Crossing		Road crossing Railway
	Subway crossing Over or Canal		Road over single main		Road over River or Canal
-----	County Boundary (Geographical)				
- - - - -	County & Civil Parish Boundary				
+ + + + +	Administrative County & Civil Parish Boundary				
o o o o o	County Borough Boundary (England)				
o o o o o	County Borough Boundary (Scotland)				
A.P. B.R.	Boundary Between States	B.R.	Police Call Box		
B.R.	By the Road	B.	Bridge		
B.P.	Electricity Pole	B.P.	Signal Box		
F.B.	Foot Bridge	S.	Stream		
F.P.	Foot Path	S.S.	Spring		
G.P.	Grade Above River	S.S.S.	Telephone Call Box		
M.S.	Mill Stream	T.	Trench		
M.F.S.S.	Mountain Fossiliferous Stratum	W.	Well		

	Invasive Clinging Climber Plant Clim. IV		Acute Quaternary Climb Plant Clim. Pt.
	Rocks		Foothills
	Curb		Slopes
	Roofed Building		Glassed Roof Building
	Steep Hillside		Archway
	Non-Coniferous Tree (not surveyed)		Coniferous Tree (not surveyed)
	Cypress Tree		Sycamore
	Cypress Tree		Oak
	Rough Ground		Hillside
	Medium Water Flow		Rough Hill
	Cave Entrance		Triangular Sign
	Declivity Transmission Line		Electricity Pylon
	County Boundary (Geographical)		County & Civil Parish Boundary
	Civil Parish Boundary		Adjoining County to County Road Boundary
	London Through Drainage		Symmetrical pattern where boundary means properties
01	Coal House	02	Field, Power Post
02	Acute Quaternary Climb Plant	03	Power Office
03	Cypress Tree	04	Public Convenience
04	Steep Hillside	05	Public House
05	Roofed Building	06	Pump
06	Glassed Roof Building	07	Signal Box or Bridge
07	Steep Hillside	08	Signal Box or Bridge
08	Archway	09	Signal Box or Bridge
09	Non-Coniferous Tree (not surveyed)	10	Signal Box or Bridge
10	Coniferous Tree (not surveyed)	11	Signal Box or Bridge
11	Cypress Tree	12	Signal Box or Bridge
12	Cypress Tree	13	Signal Box or Bridge
13	Rough Ground	14	Signal Box or Bridge
14	Hillside	15	Signal Box or Bridge
15	Rough Hill	16	Signal Box or Bridge
16	Cave Entrance	17	Signal Box or Bridge
17	Triangular Sign	18	Signal Box or Bridge
18	Electricity Pylon	19	Signal Box or Bridge
19	Declivity Transmission Line	20	Signal Box or Bridge
20	County Boundary (Geographical)	21	Signal Box or Bridge
21	County & Civil Parish Boundary	22	Signal Box or Bridge
22	Civil Parish Boundary	23	Signal Box or Bridge
23	Adjoining County to County Road Boundary	24	Signal Box or Bridge
24	London Through Drainage	25	Signal Box or Bridge
25	Symmetrical pattern where boundary means properties	26	Signal Box or Bridge
26		27	Signal Box or Bridge
27		28	Signal Box or Bridge
28		29	Signal Box or Bridge
29		30	Signal Box or Bridge
30		31	Signal Box or Bridge
31		32	Signal Box or Bridge
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68		69	Signal Box or Bridge
69			

[illegible]

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1908	3
Lancashire And Furness	1:2,500	1931 - 1933	4
Ordnance Survey Plan	1:1,250	1950 - 1952	5
Ordnance Survey Plan	1:2,500	1951 - 1953	6
Ordnance Survey Plan	1:2,500	1965 - 1969	7
Ordnance Survey Plan	1:1,250	1966 - 1976	8
Supply of Unpublished Survey Information	1:1,250	1973	9
Ordnance Survey Plan	1:1,250	1975 - 1989	10
Additional SIMs	1:1,250	1978 - 1987	11
Additional SIMs	1:1,250	1983 - 1988	12
Additional SIMs	1:1,250	1988 - 1992	13
Large-Scale National Grid Data	1:1,250	1992	14
Large-Scale National Grid Data	1:1,250	1992 - 1995	15
Large-Scale National Grid Data	1:1,250	1993 - 1995	16
Large-Scale National Grid Data	1:1,250	1995	17
Large-Scale National Grid Data	1:1,250	1996	18
Historical Aerial Photography	1:2,500	2000	19

Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 100

330, Cheetham Hill Road, MANCHESTER, M8 0PL

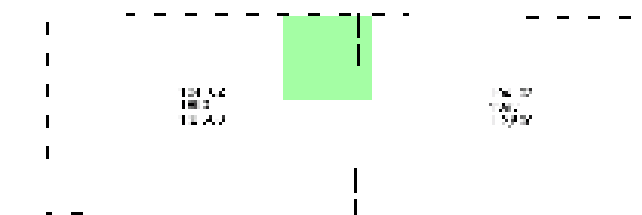
Lancashire And Furness

Published 1893

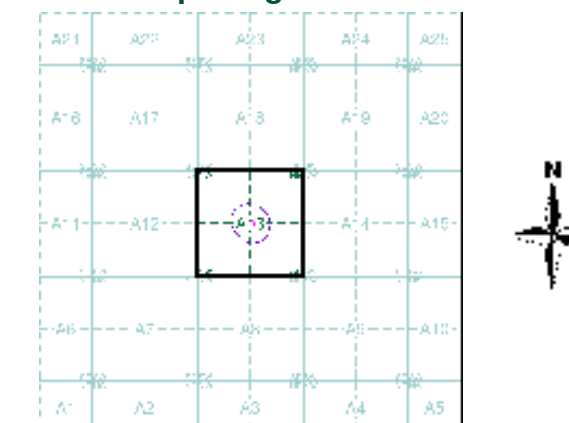
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

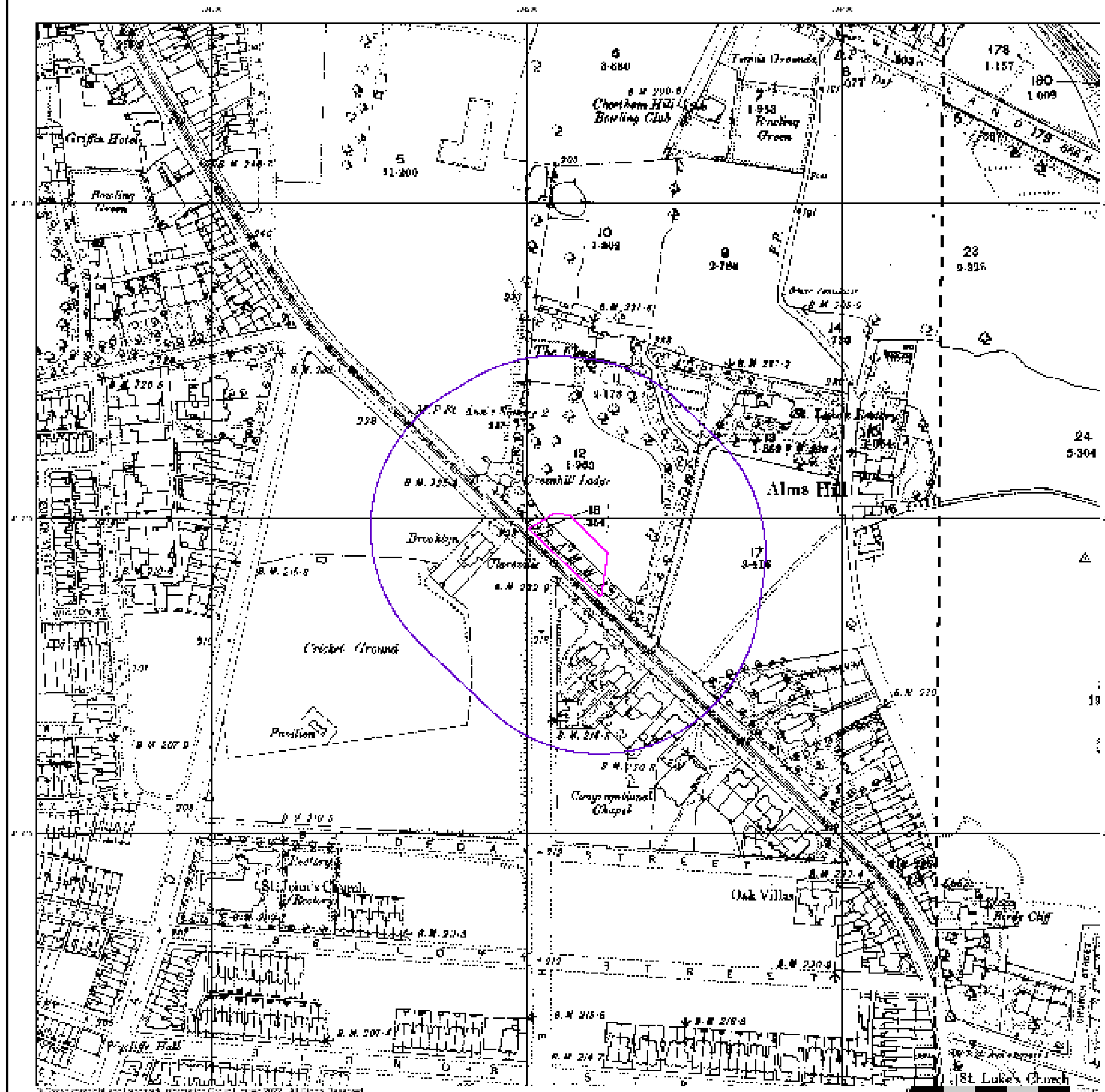


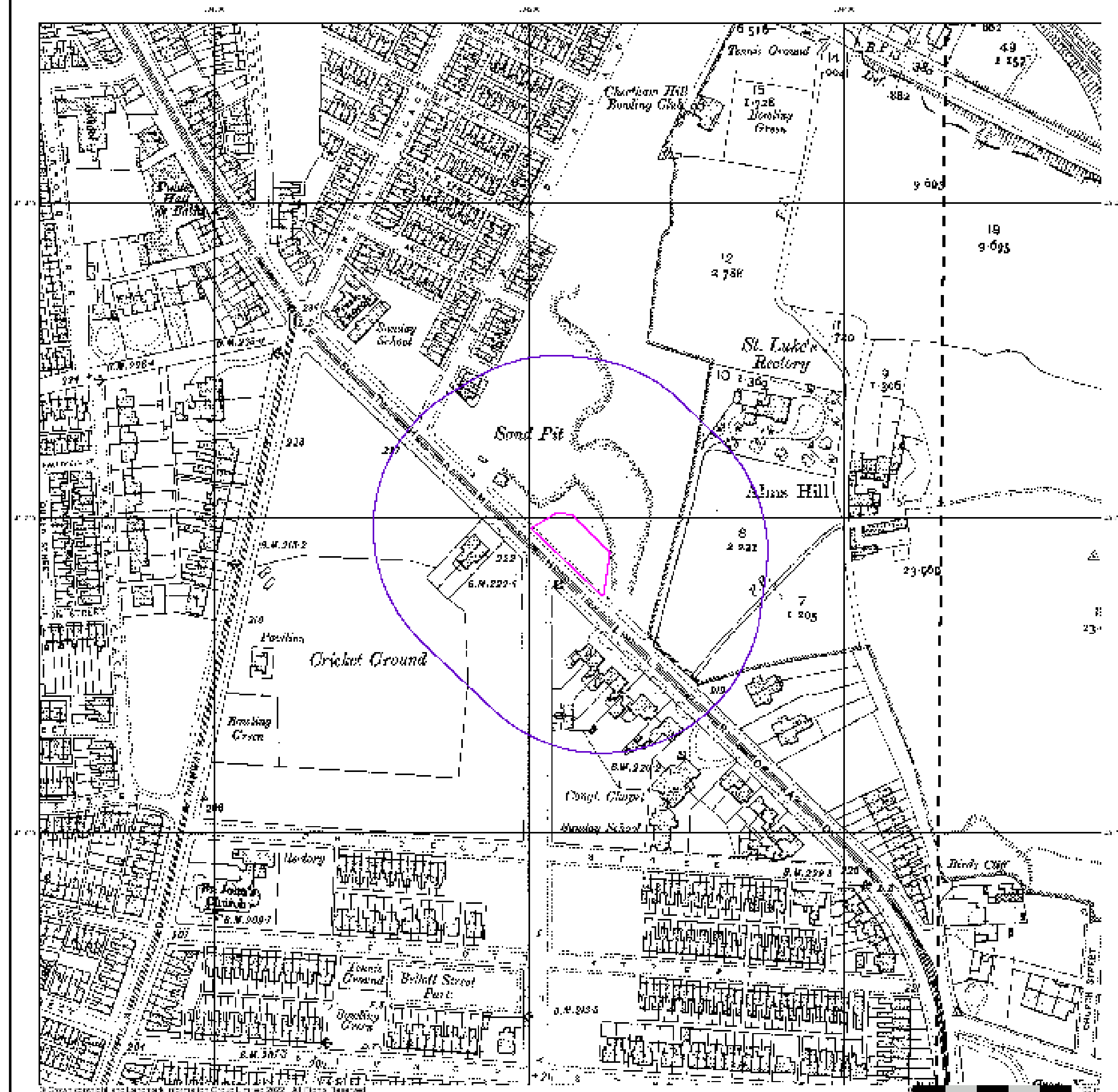
Order Details

Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 100

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL





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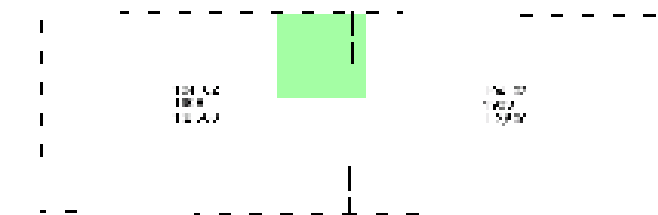
Lancashire And Furness

Published 1908

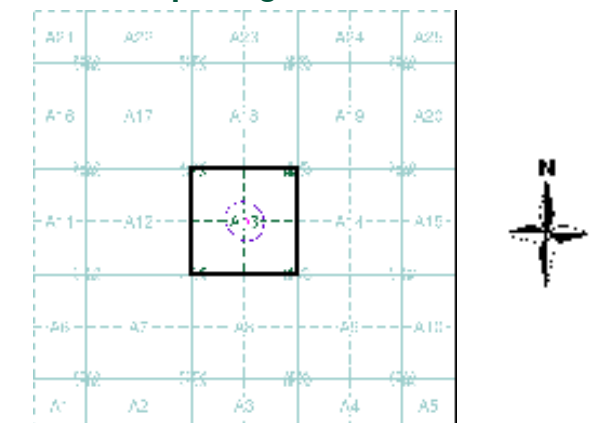
Source map scale - 1:2,500

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: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 100

Site Details

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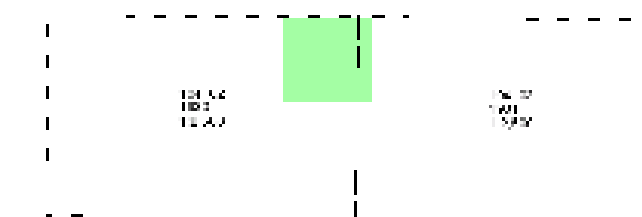
Lancashire And Furness

Published 1931 - 1933

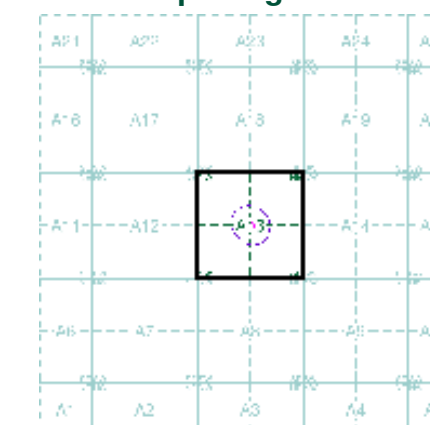
Source map scale - 1:2,500

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

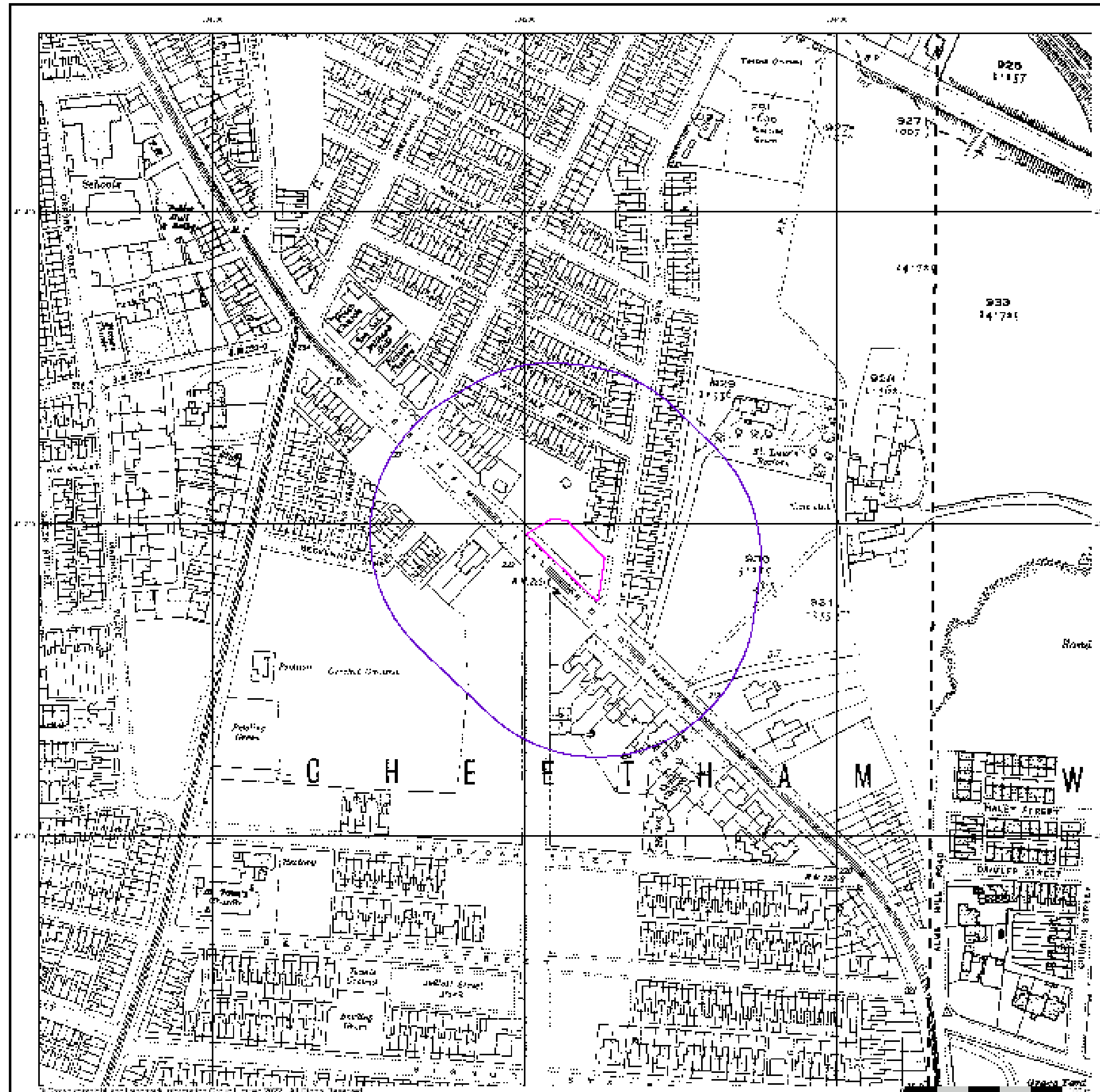


Order Details

Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 100

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL



Ordnance Survey Plan

Published 1950 - 1952

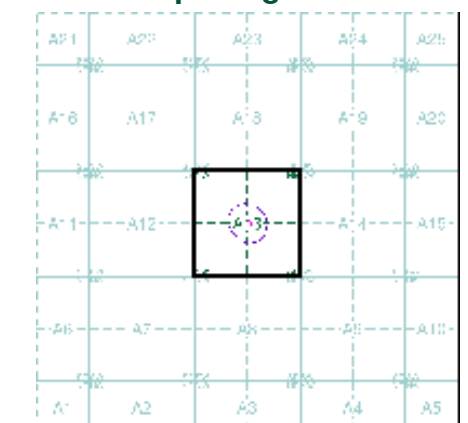
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD8301NLD0401NLD0401NLD	1952	1951	1951
1:1,250	1:1,250	1:1,250	1:1,250
SD8301NLD0401NLD0401NLD	1952	1951	1951
1:1,250	1:1,250	1:1,250	1:1,250
SD8301NLD0401NLD0401NLD	1952	1951	1951
1:1,250	1:1,250	1:1,250	1:1,250

Historical Map - Segment A13

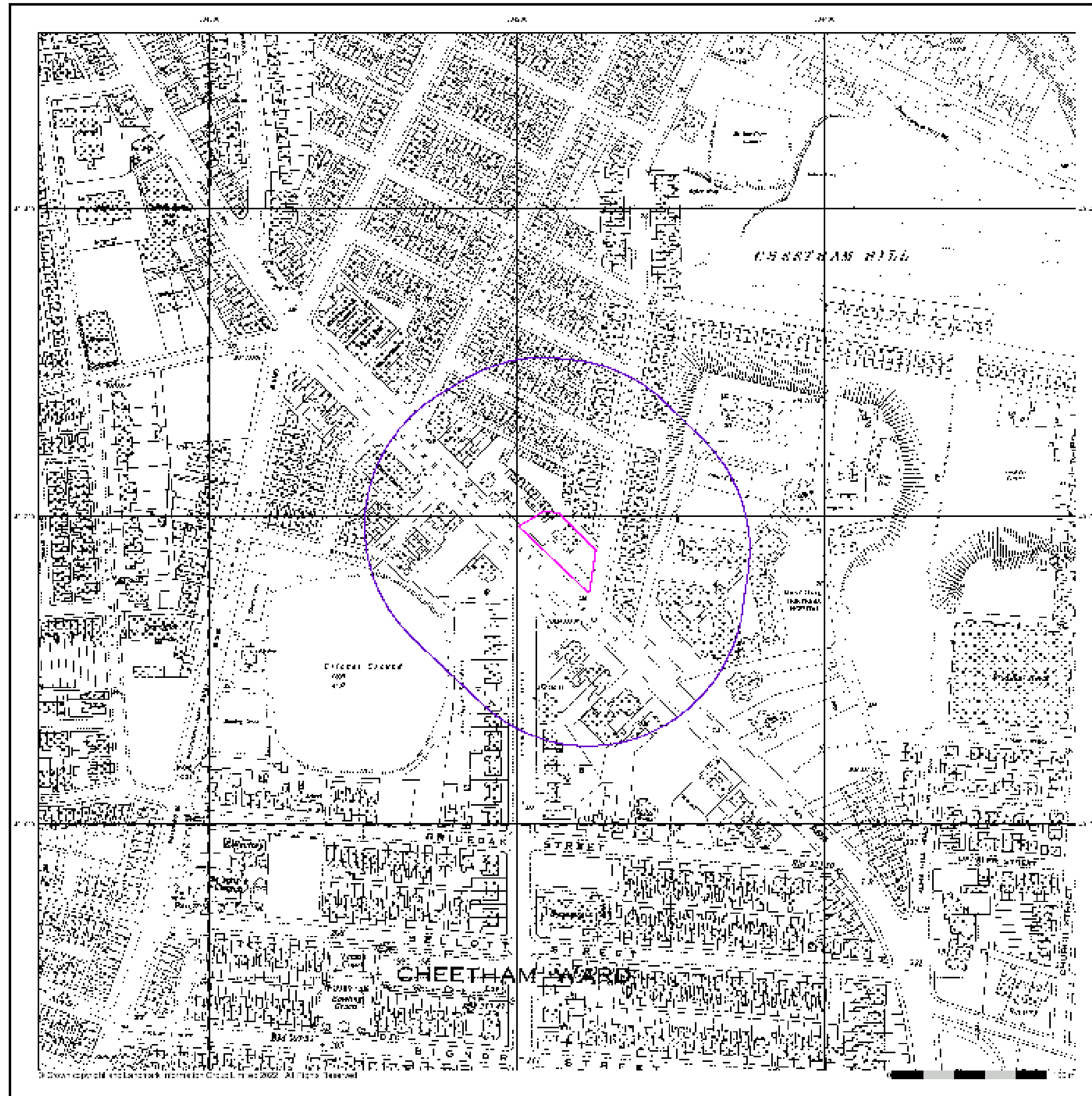


Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 100

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL



Ordnance Survey Plan

Published 1951 - 1953

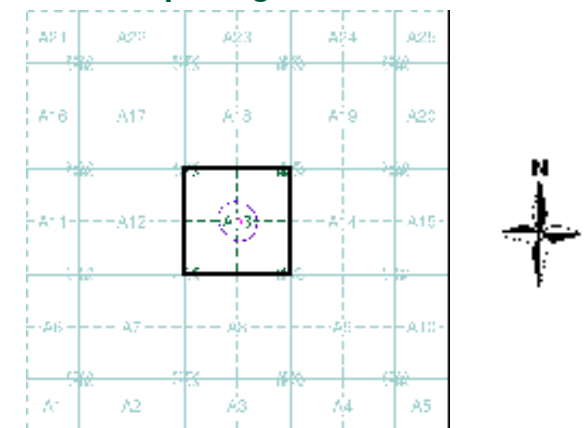
Source map scale - 1:2,500

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)

SD8301 1953 1:2,500	SD8401 1952 1:2,500
SD8300 1953 1:2,500	SD8400 1951 1:2,500

Historical Map - Segment A13



Order Details

Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 100

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

Ordnance Survey Plan

Published 1965 - 1969

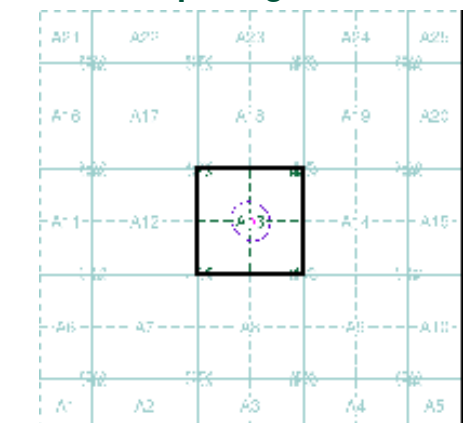
Source map scale - 1:2,500

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: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 100

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

Ordnance Survey Plan

Published 1966 - 1976

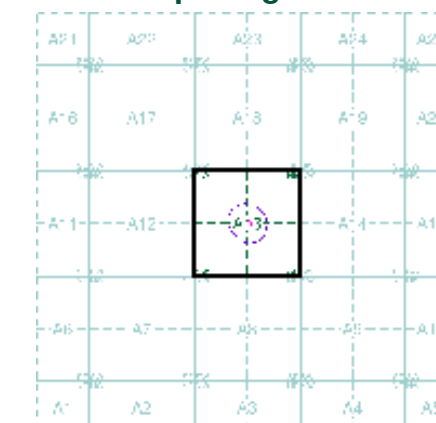
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD83301NLD0401NVE0401N2		
1871	1959	1999
1:1,250	1:1,250	1:1,250
SD83301E0401NVE0401N2		
1876	1959	1999
1:1,250	1:1,250	1:1,250
SD83301NLD0401NVE0401N2		
1868	1975	1975
1:1,250	1:1,250	1:1,250

Historical Map - Segment A13

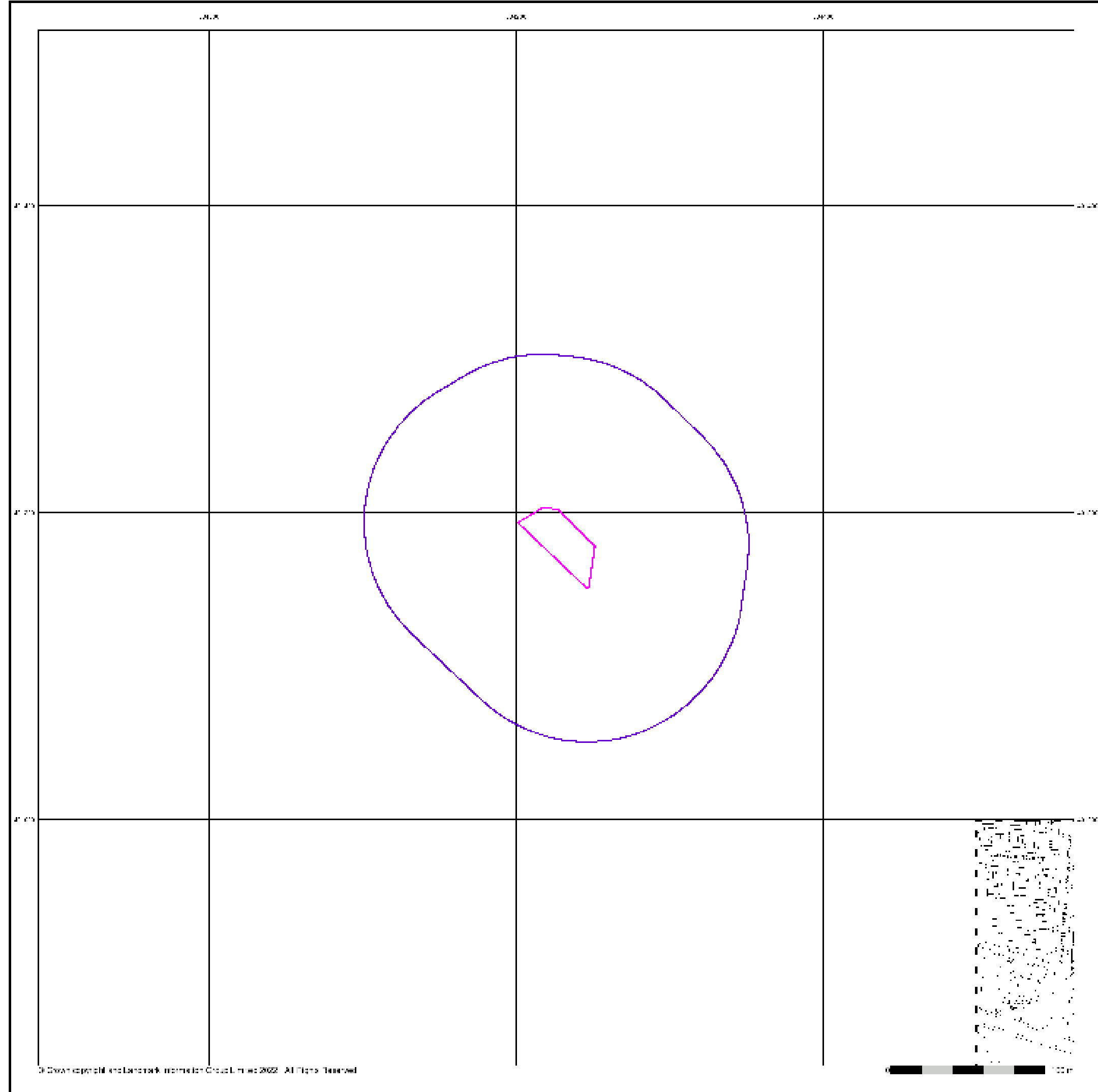


Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 100

Site Details

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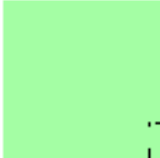
Supply of Unpublished Survey Information

Published 1973

Source map scale - 1:1,250

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

Map Name(s) and Date(s)

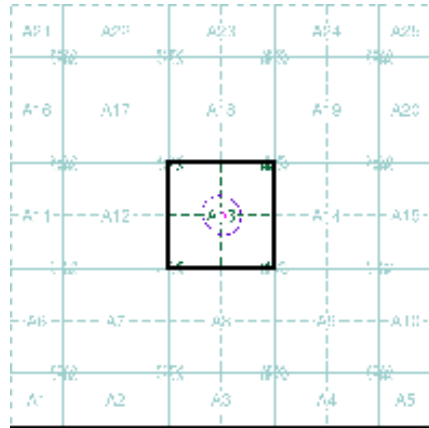


SD8400NE

1973

1:1,250

Historical Map - Segment A13



Order Details

Order Number:	297085833_1_1
Customer Ref:	1289
National Grid Reference:	384230, 401180
Slice:	A
Site Area (Ha):	0.13
Search Buffer (m):	100

Site Details

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Ordnance Survey Plan

Published 1975 - 1989

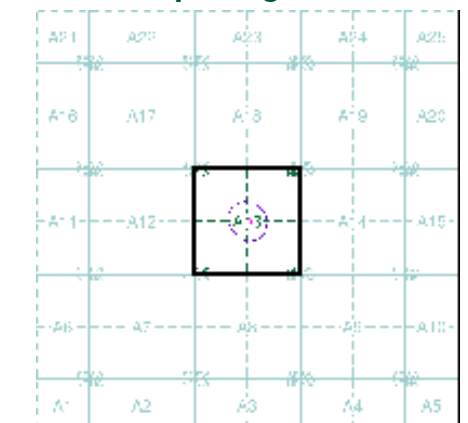
Source map scale - 1:1,250

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)

SD8501NP	
1988	
1:1,250	
SD8501SE	SD9701SW
1988	1988
1:1,250	1:1,250
SD8500NE	SD8400NW
1975	1999
1:1,250	1:1,250

Historical Map - Segment A13

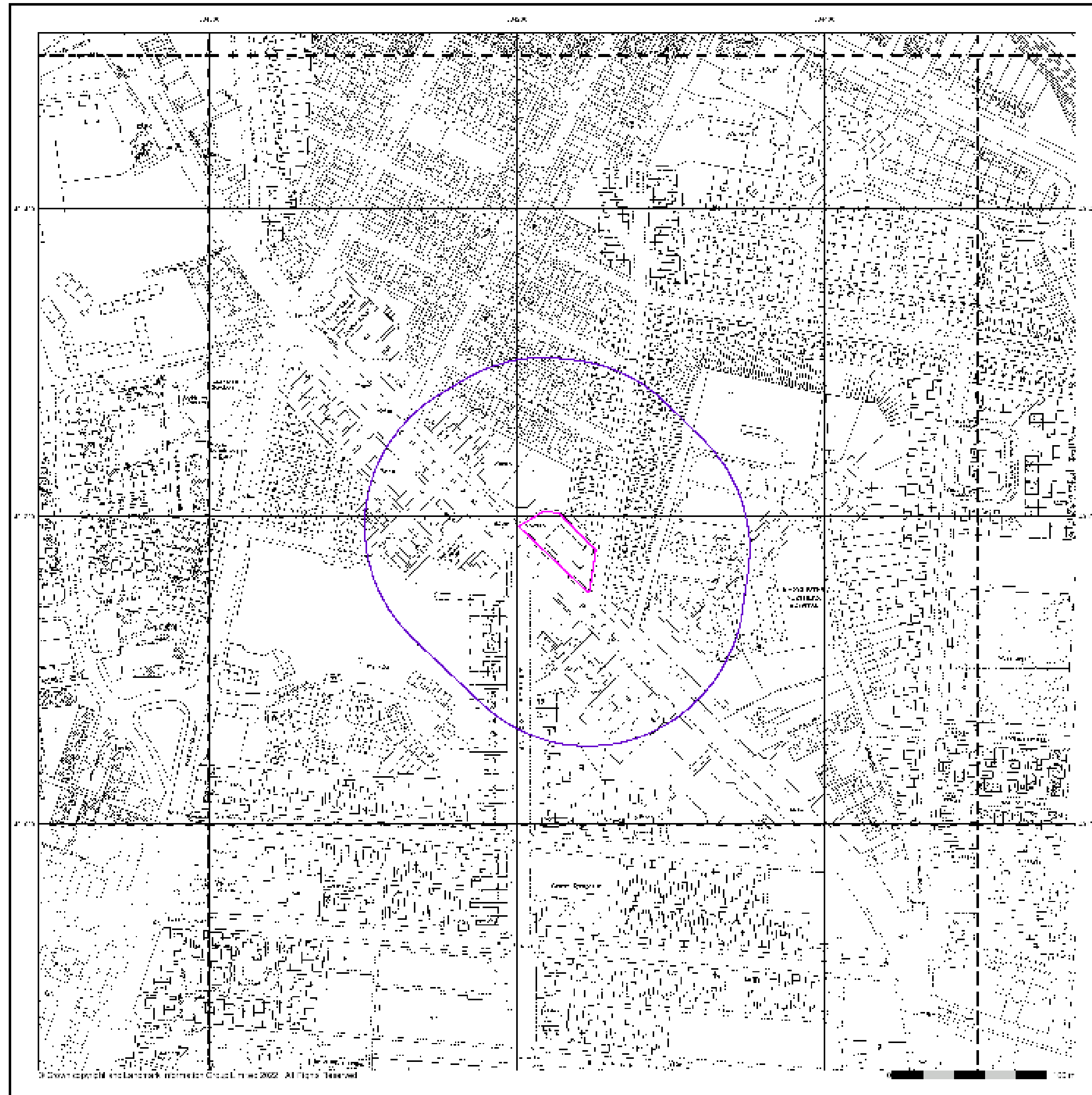


Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 100

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL



Additional SIMs

Published 1978 - 1987

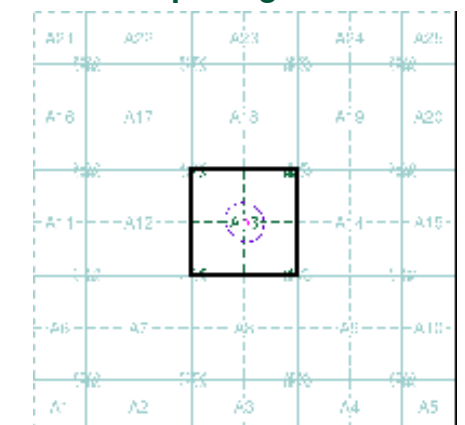
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD8301NLS00401NLS00401NE		
1981	1994	1997
1:1,250	1:1,250	1:1,250
SD8301S00401S00401SE		
1981	1993	1997
1:1,250	1:1,250	1:1,250
SD8303NLS00403NLS00403NE		
1984	1994	1994
1:1,250	1:1,250	1:1,250

Historical Map - Segment A13

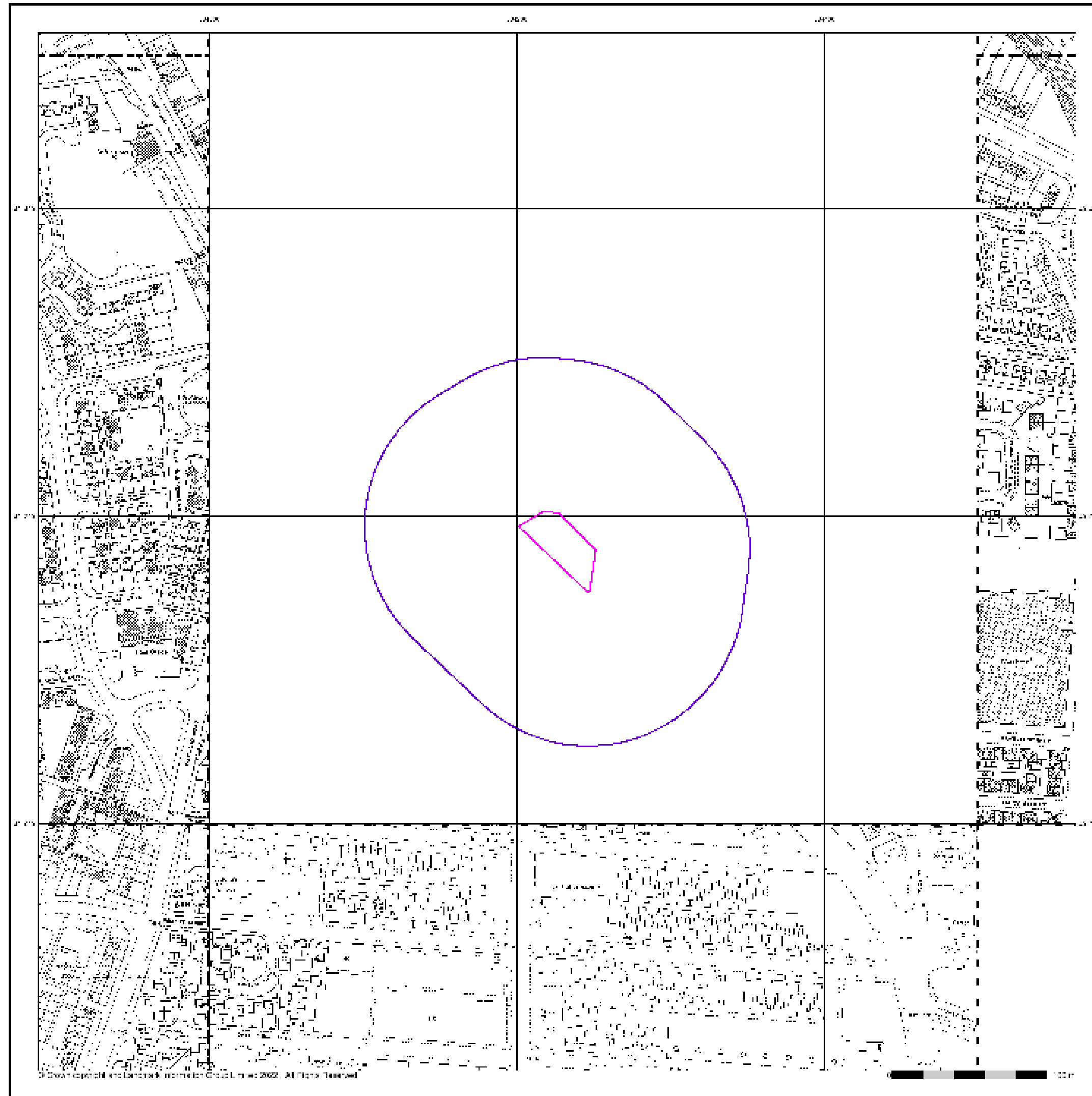


Order Details

Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 100

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL



Additional SIMs

Published 1983 - 1988

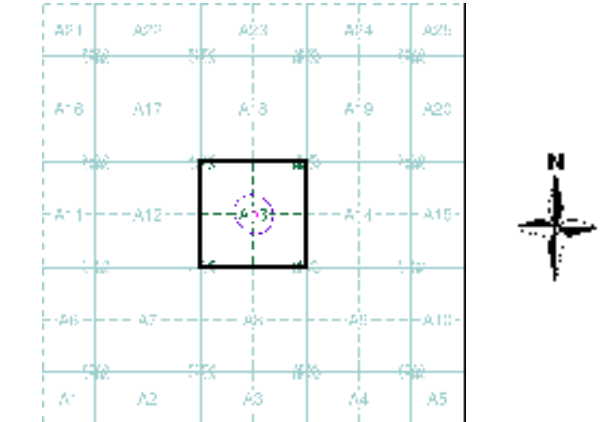
Source map scale - 1:1,250

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)

SD8301NE	SD8401NE
1986	1997
1:1,250	1:1,250
SD8301SE	SD8401SE
1988	1987
1:1,250	1:1,250
SD8303NE	SD8403NW
1988	1995
1:1,250	1:1,250

Historical Map - Segment A13

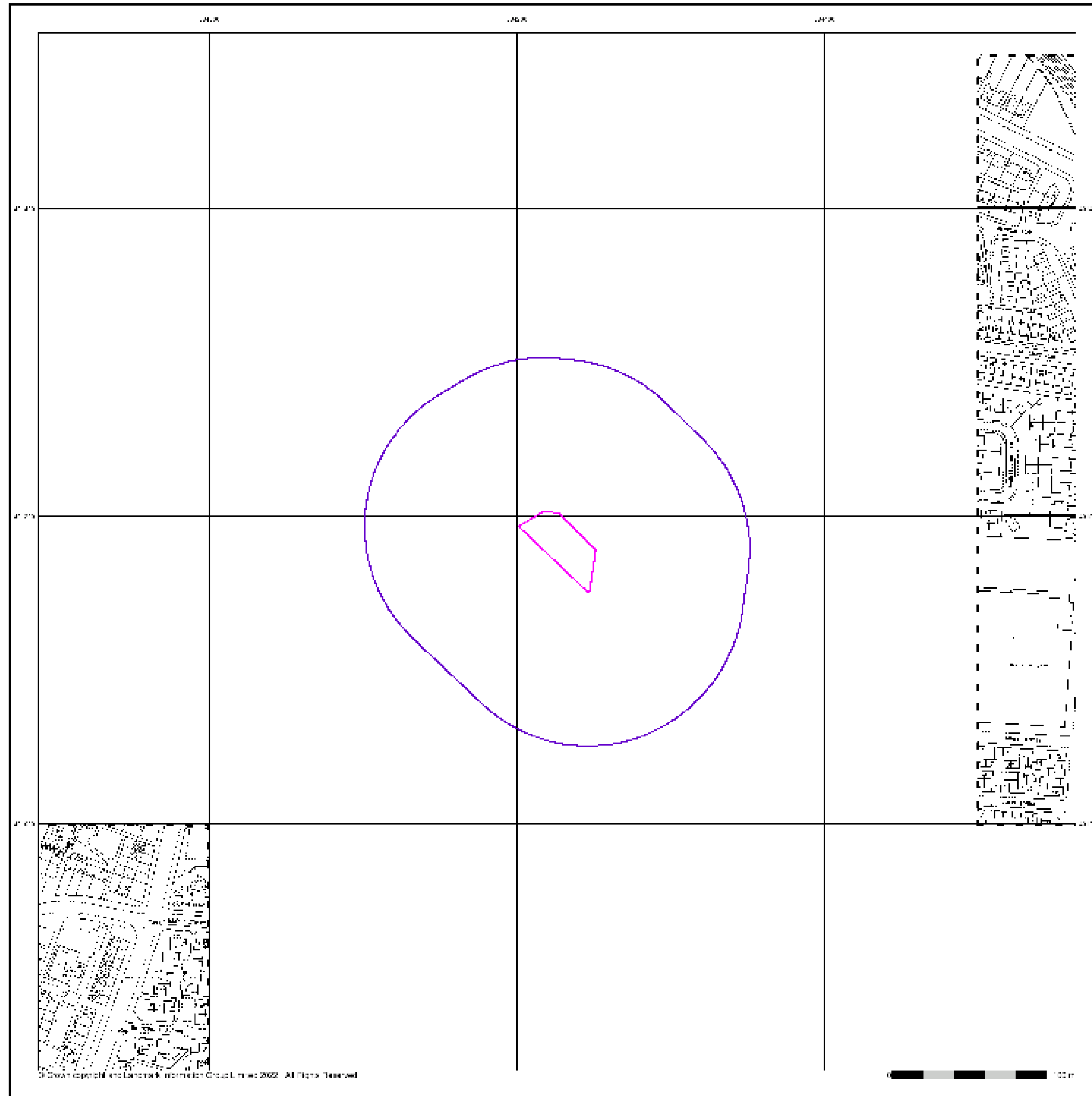


Order Details

Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 100

Site Details

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Additional SIMs

Published 1988 - 1992

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)

SD64018L
1992
1:1,250

SD64018L
1992
1:1,250

Historical Map - Segment A13

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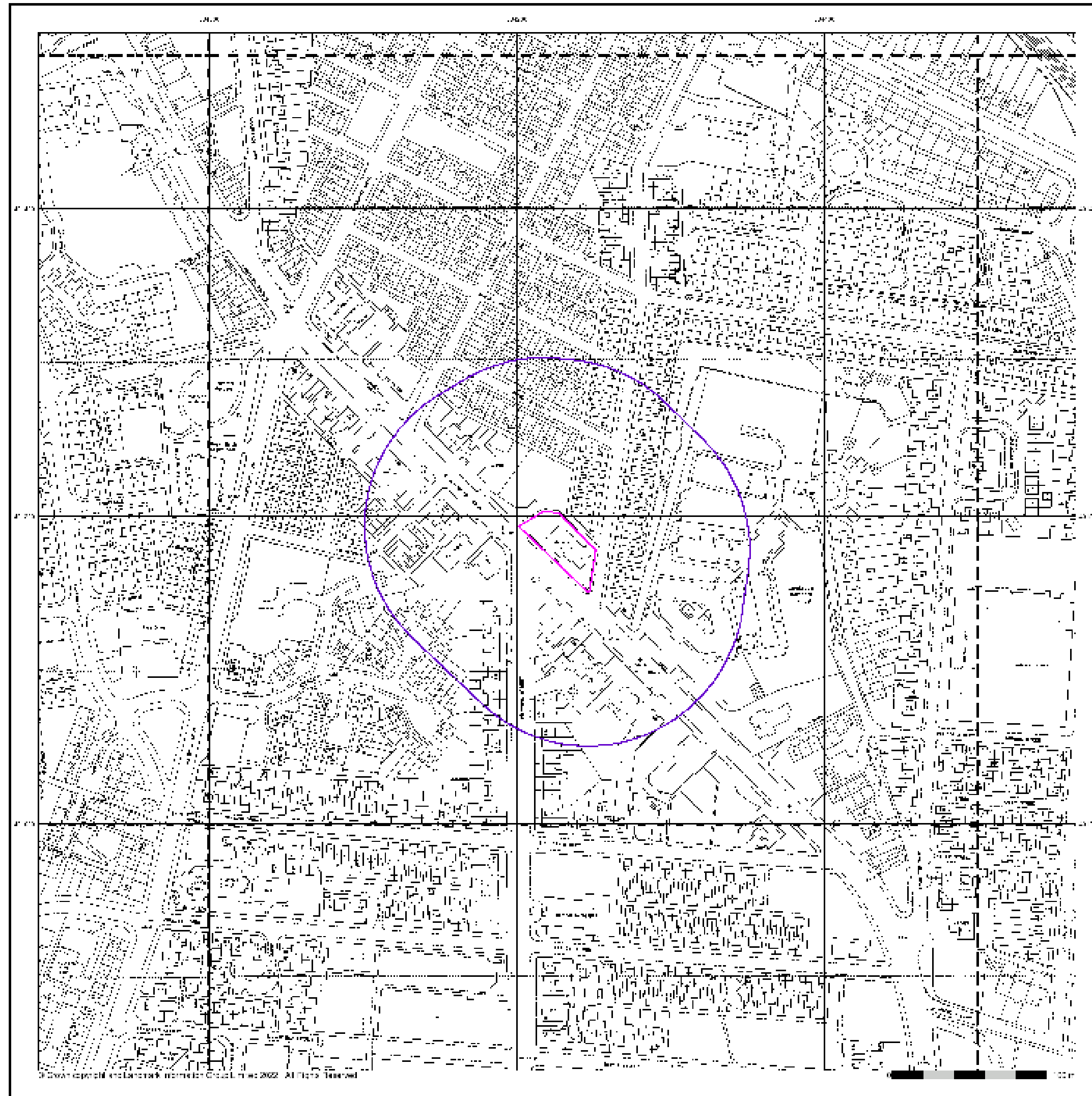
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Large-Scale National Grid Data

Published 1992

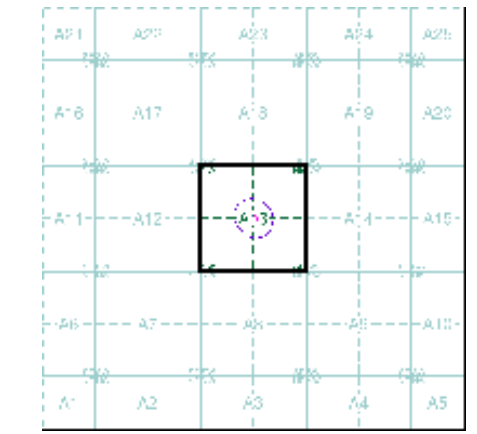
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD8301NLS00401NVS00401NL	1992	1:1,250
SD8301S00401S00401S00401SF	1992	1:1,250
SD8301NLS00401NVS00401NL	1992	1:1,250

Historical Map - Segment A13

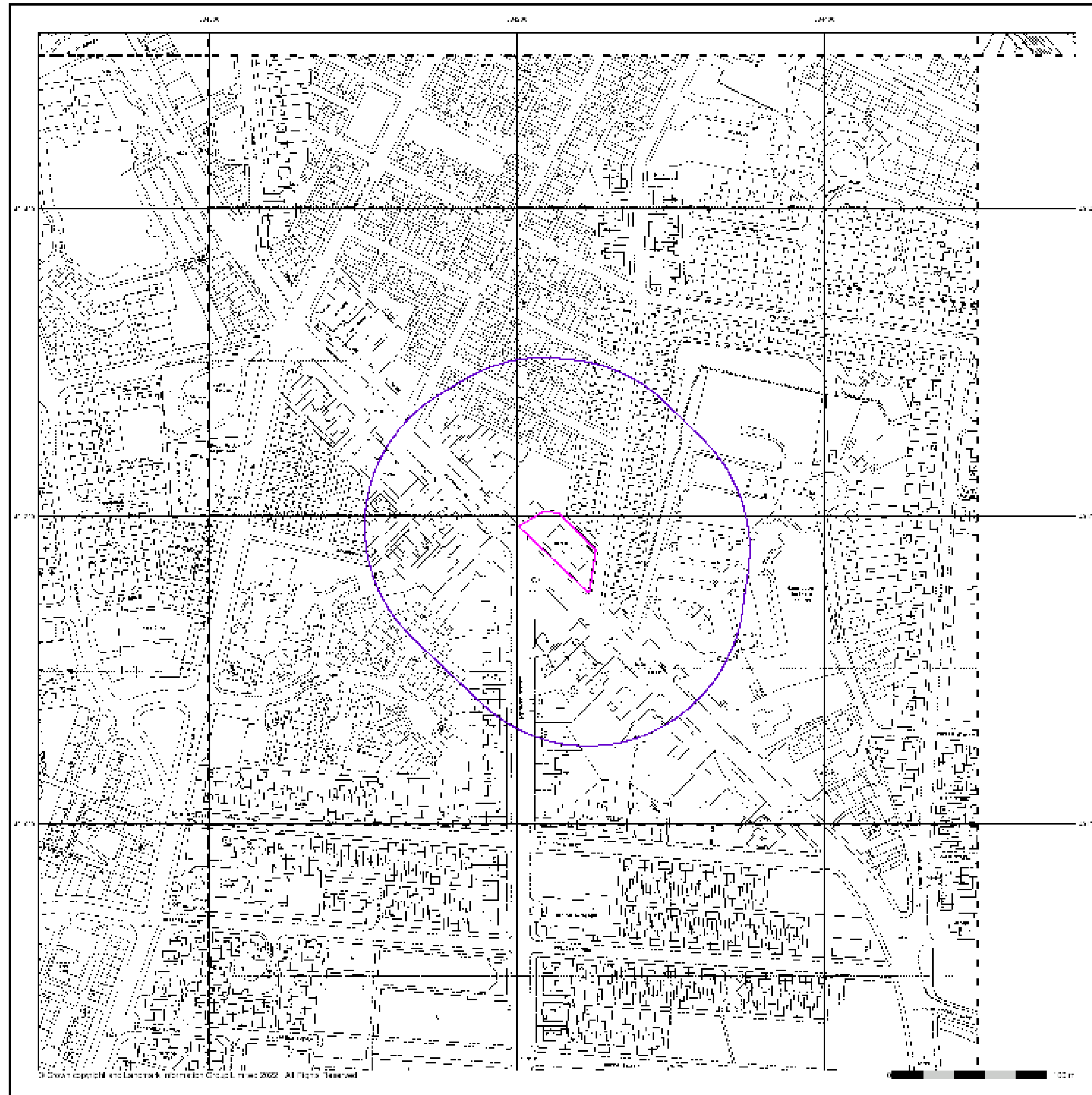


Order Details

Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 100

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL



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Large-Scale National Grid Data

Published 1992 - 1995

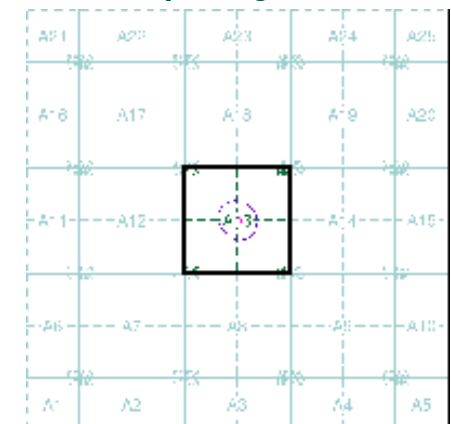
Source map scale - 1:1,250

'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)

SD8301NL 1992 1:1,250	SD8401NL 1994 1:1,250
SD8301S 1992 1:1,250	SD8401SW 1995 1:1,250
SD8303NL 1992 1:1,250	SD8403NW 1993 1:1,250

Historical Map - Segment A13



Order Details

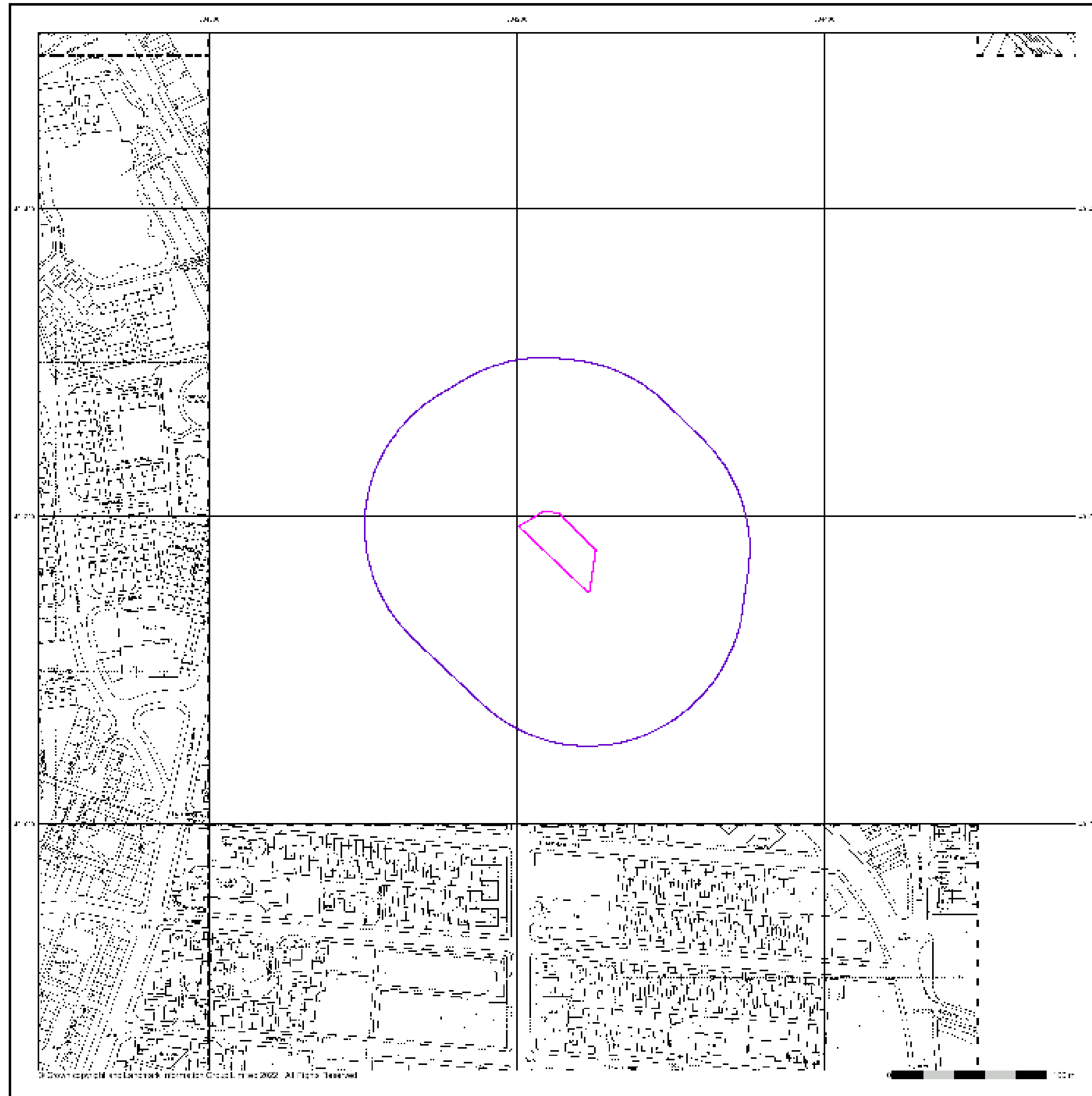
Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 100

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

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Large-Scale National Grid Data

Published 1993 - 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)

SD8301NE 1993 1:1,250	SD8401NE 1995 1:1,250
SD8301S 1993 1:1,250	SD8401S 1995 1:1,250
SD8303NE 1993 1:1,250	SD8403NE 1995 1:1,250

Historical Map - Segment A13

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

Order Details

Order Number:	297085833_1_1
Customer Ref:	1289
National Grid Reference:	384230, 401180
Slice:	A
Site Area (Ha):	0.13
Search Buffer (m):	100

Site Details

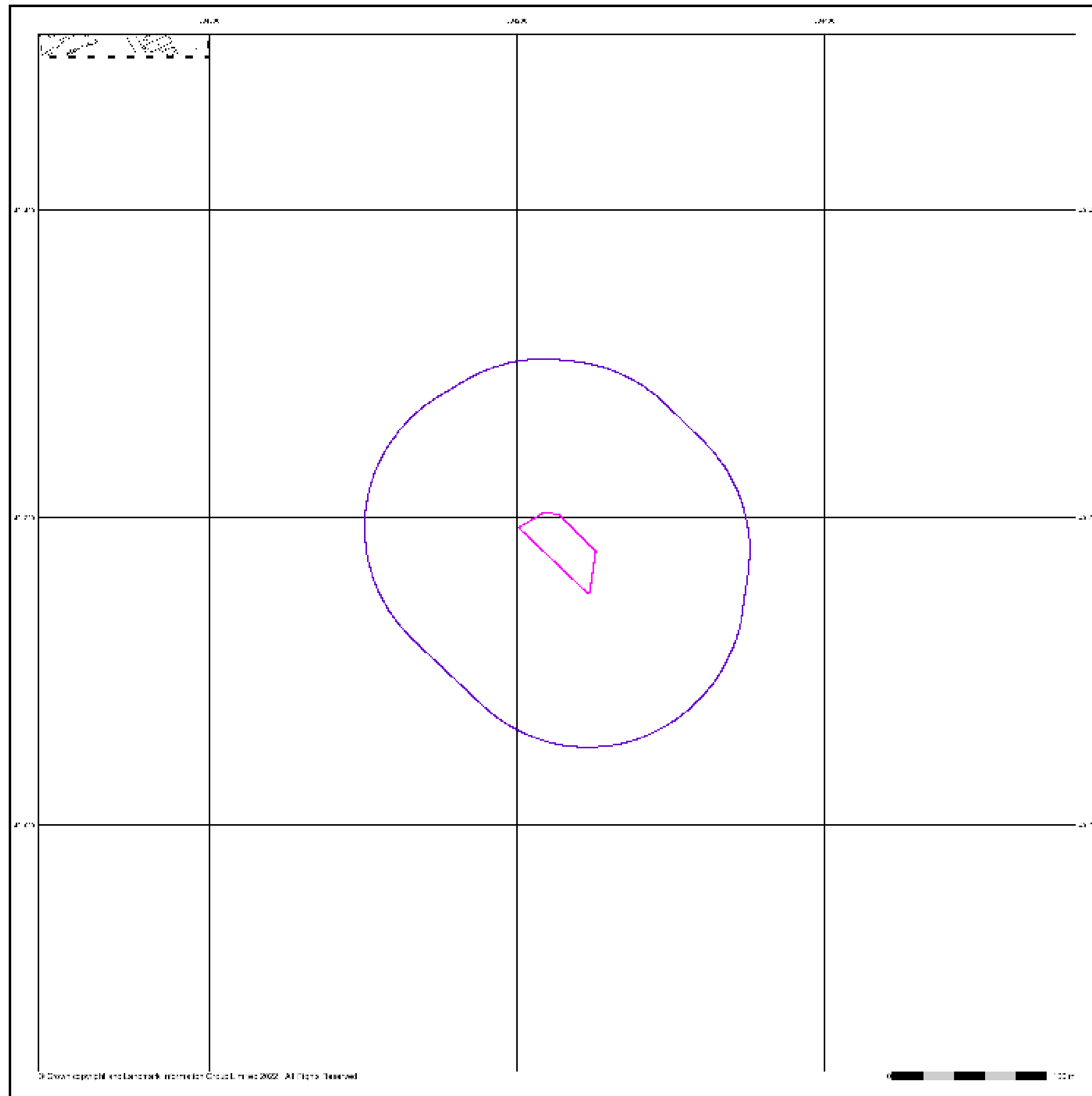
330, Cheetham Hill Road, MANCHESTER, M8 0PL

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A Landmark Information Group Service v50.0 17-Jun-2022 Page 16 of 19



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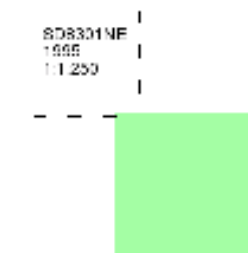
Large-Scale National Grid Data

Published 1995

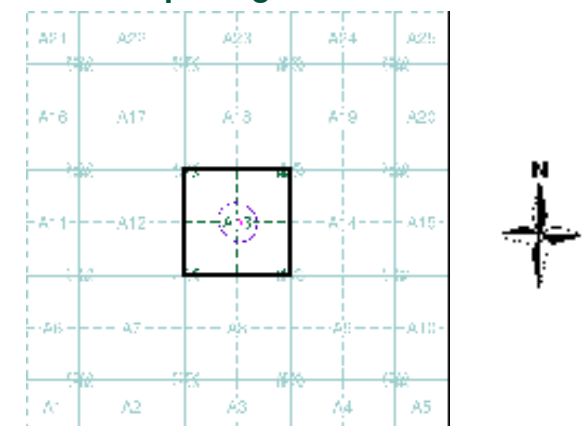
Source map scale - 1:1,250

'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

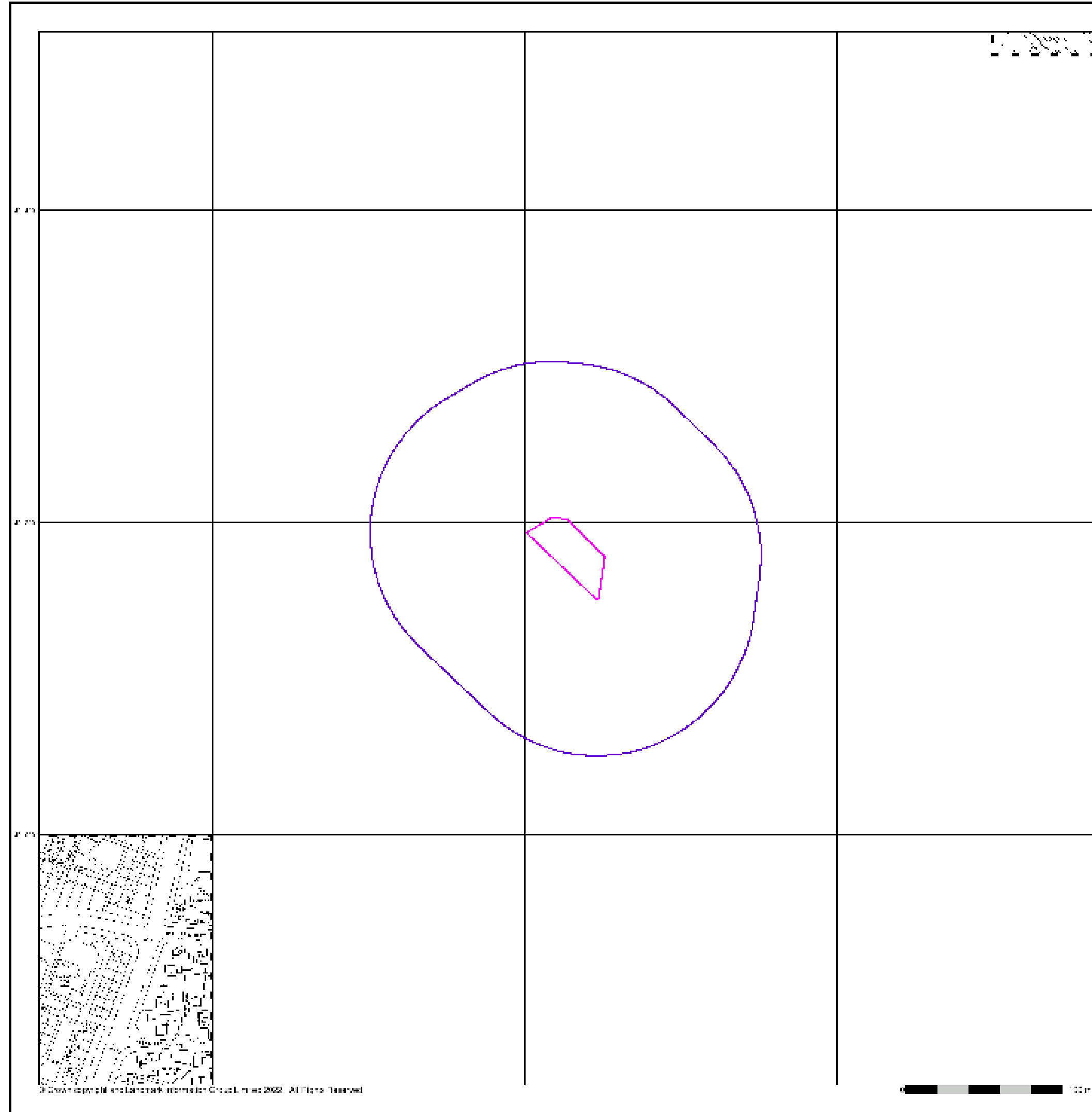
Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 100

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

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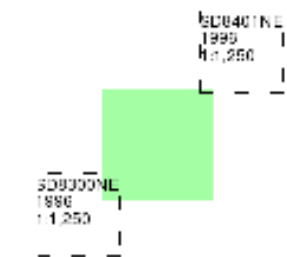
Large-Scale National Grid Data

Published 1996

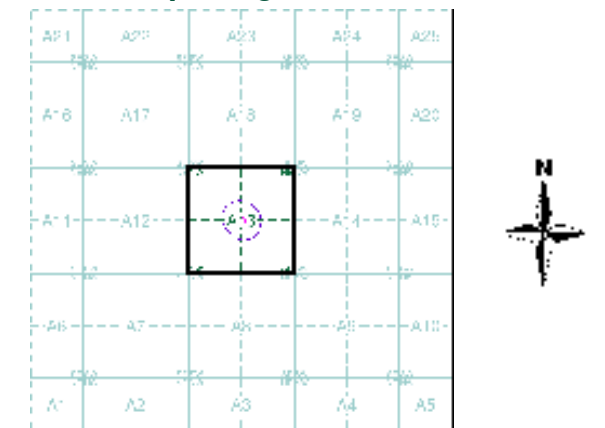
Source map scale - 1:1,250

'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: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 100

Site Details

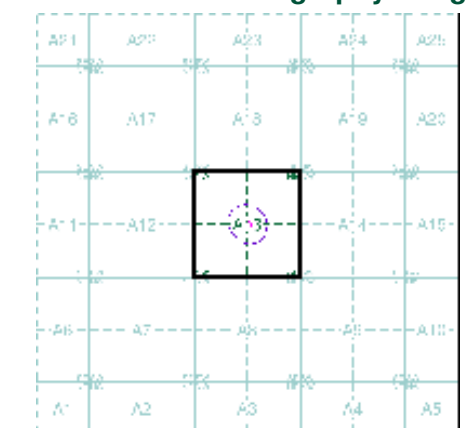
330, Cheetham Hill Road, MANCHESTER, M8 0PL

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: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 100

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pt		Sand Pt		Other Pts
	Clay		Shingle		Orchard
	Cobble		Roads		Marsh
	Mixed Wood		Deciduous		Coniferous
	Tree		Rough Pasture		
	Arrow denotes flow of water		Instrumental Station		
	Site of Antiquity		Barrel Vault		
	Pump, Quilt, Tree, Signal Post		Well, Spring, Boundary Post		
	Surface Level				
	Scaleless Contour		Instrumental Contour		
	Main Road		Minor Roads		
	Banked Road		Railway Road		
	Road over Railway		Railway over River		
	Tunnel over Road		Tunnel Crossing		
	Road over River or Canal		Road over Stream		
	Tunnel over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Borough Boundary (Scotland)				
	Local District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pt. Clay Pt. or Quartz		Gravel Pt
	Sand Pt		Jagged Pt or Quartz
	Refuse or Slag Heap		Lake, Loch or Pond
	Dune		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Rough Grassland
	Hedge		Roads
	Sailings		
	Maunder		Glasshouse
	Sailing Masonry		
	Cutting		Standard Gauge Multiple Track
	Standard Gauge Single Track		Siding, Turnout or Mineral Line
	Narrow Gauge		
	Geographical County		
	Administrative County, County Borough or County of City		
	Civil Parish, Borough, Urban or Rural District, Borough or Town Council		
	Sanitary Region, County Council, or Sanitary Authority		
	Civil Parish		
	Boundary Point or Stone		Rail Station
	Church		Post Office
	Clock Tower		Public School
	Fire Engine Station		Public House
	Fuel Pit		Signal Post
	Fountain		Spring
	Gates Post		Telephone Call Box
	Mill Race		Telephone Call Point
	Mill Stone		Well

1:10,000 Raster Mapping

	Gravel Pt		Refuse tip or slag heap
	Rock		Rock outcrop
	Boulders		Judders (scattered)
	Shingle		Mud
	Sand		Sand Pt
	Maunder		Top of cliff
	General road		Underground rail
	Overhead rail		Narrow gauge railway
	Multiple track railway		Single track railway
	County boundary (England and Wales)		Civil parish or community boundary
	District, Health, Metropolitan, London Borough boundary		Constituency boundary
	Area of woodland vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Pasture tree
	Orchard		Scrub or Gorse
	Rough Grassland		Heath
	Gorse		Marsh, Salt Marsh or Reeds
	Water Feature		Flow lines
	Mean high water (average)		Mean low water (spring)
	Telephone line (above ground)		Electricity transmission or line (over poles)
	Benchmark (where shown)		Triangulation station
	Point feature (e.g. Quilt Post or Mile Stone)		Pylon, Mast, stack or lighting tower
	Site of Antiquity		Glasshouse
	General Building		Important Building

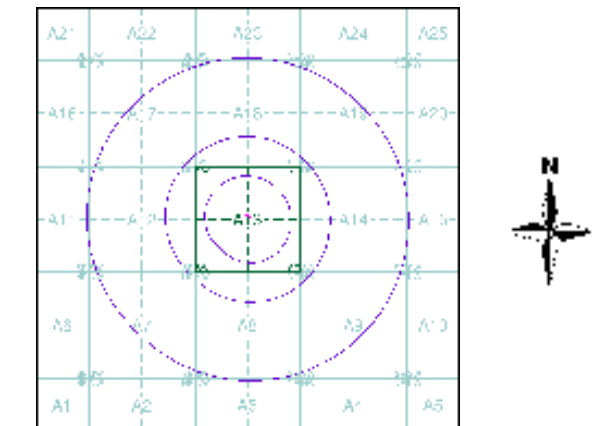
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Cheshire	1:10,560	1882	4
Lancashire And Furness	1:10,560	1894	5
Lancashire And Furness	1:10,560	1909 - 1910	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	1966 - 1968	11
Ordnance Survey Plan	1:10,000	1972 - 1979	12
Manchester	1:25,000	1975	13
Ordnance Survey Plan	1:10,000	1980 - 1986	14
Ordnance Survey Plan	1:10,000	1985 - 1987	15
Ordnance Survey Plan	1:10,000	1989	16
Ordnance Survey Plan	1:10,000	1990 - 1994	17
10K Raster Mapping	1:10,000	1999	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2021	20

Historical Map - Slice A



Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

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 Fax: 0844 844 9951
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Russian Military Mapping Legends

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

ה'תשנ"ח



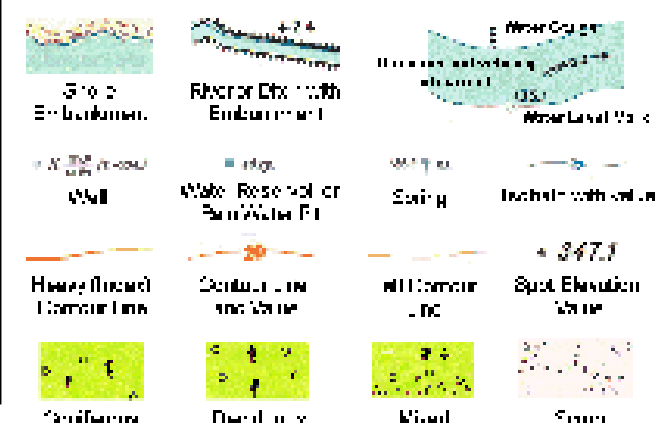
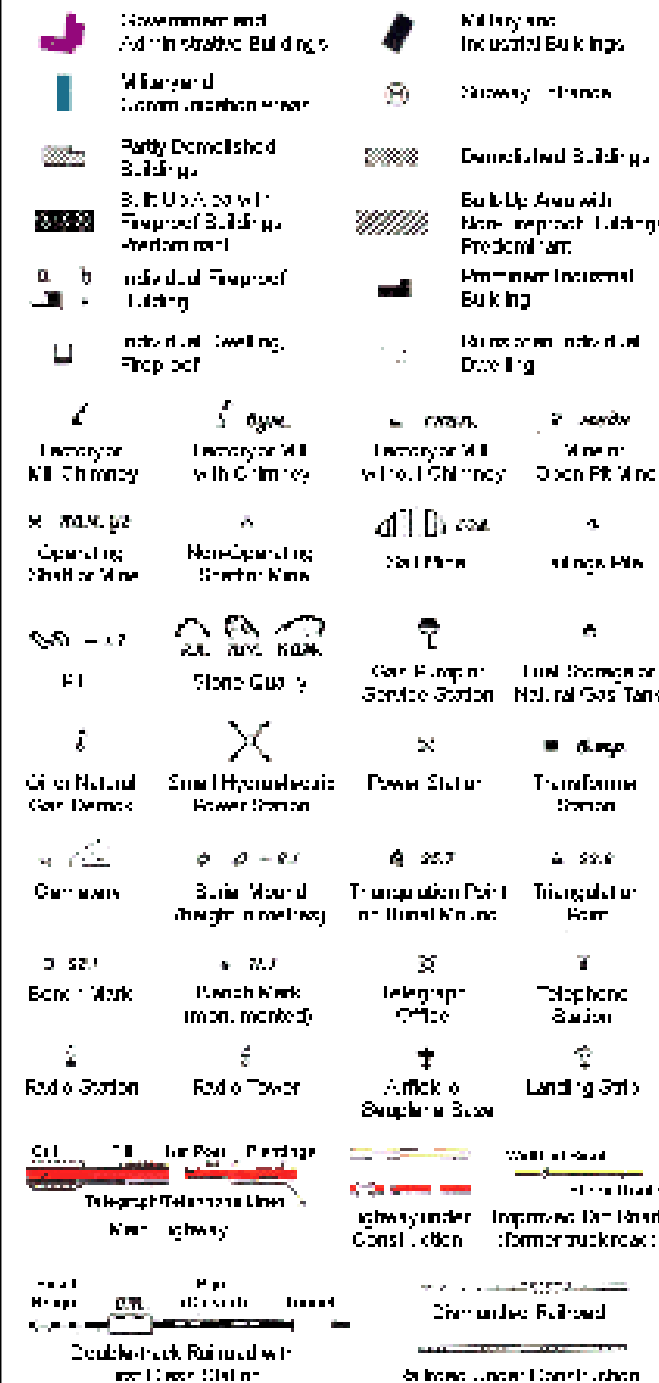
243.8	Values for phonetic realizations
188.0	Number of segments (letters, diphthongs, consonants etc.)
62	Vowel(s) in the current, with some used in diphthongs
111 2	Number of vowels (length and diphthong bridges, diphthongs to disjoin) (one third of the other scheme) (e.g. if forest and the other half of vowels)

Russian Alphabet (Formal name and the set of the collection of characters)

А а (A)	Э э (Z)	И и (P)	Ч ч (CH)
Б б (B)	Н н (N)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SCHW)
Г г (G)	К к (K)	Т т (T)	Ъ ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь 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 IY)
			Я я (YA or IA)

1:25,000 mapping

a. Polynomial order b. Linear order.



Key to Numbers on Mapping

SD80_Manchester

No.	Description
18	Depot (Bus)
212	Printing House

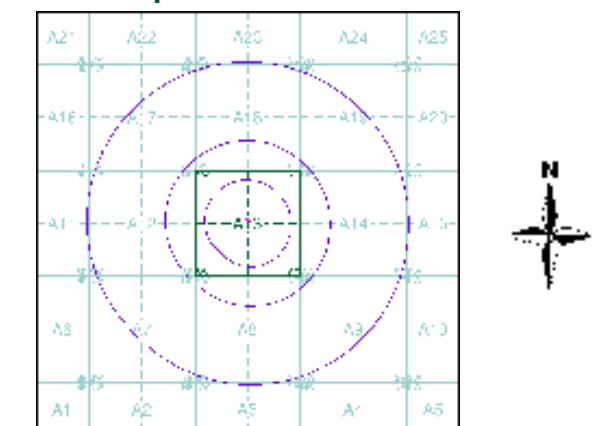
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Cheshire	1:10,560	1882	4
Lancashire And Furness	1:10,560	1894	5
Lancashire And Furness	1:10,560	1909 - 1910	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	1966 - 1968	11
Ordnance Survey Plan	1:10,000	1972 - 1979	12
Manchester	1:25,000	1975	13
Ordnance Survey Plan	1:10,000	1980 - 1986	14
Ordnance Survey Plan	1:10,000	1985 - 1987	15
Ordnance Survey Plan	1:10,000	1989	16
Ordnance Survey Plan	1:10,000	1990 - 1994	17
10K Raster Mapping	1:10,000	1999	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2021	20

Russian Map - Slice A



Order Details

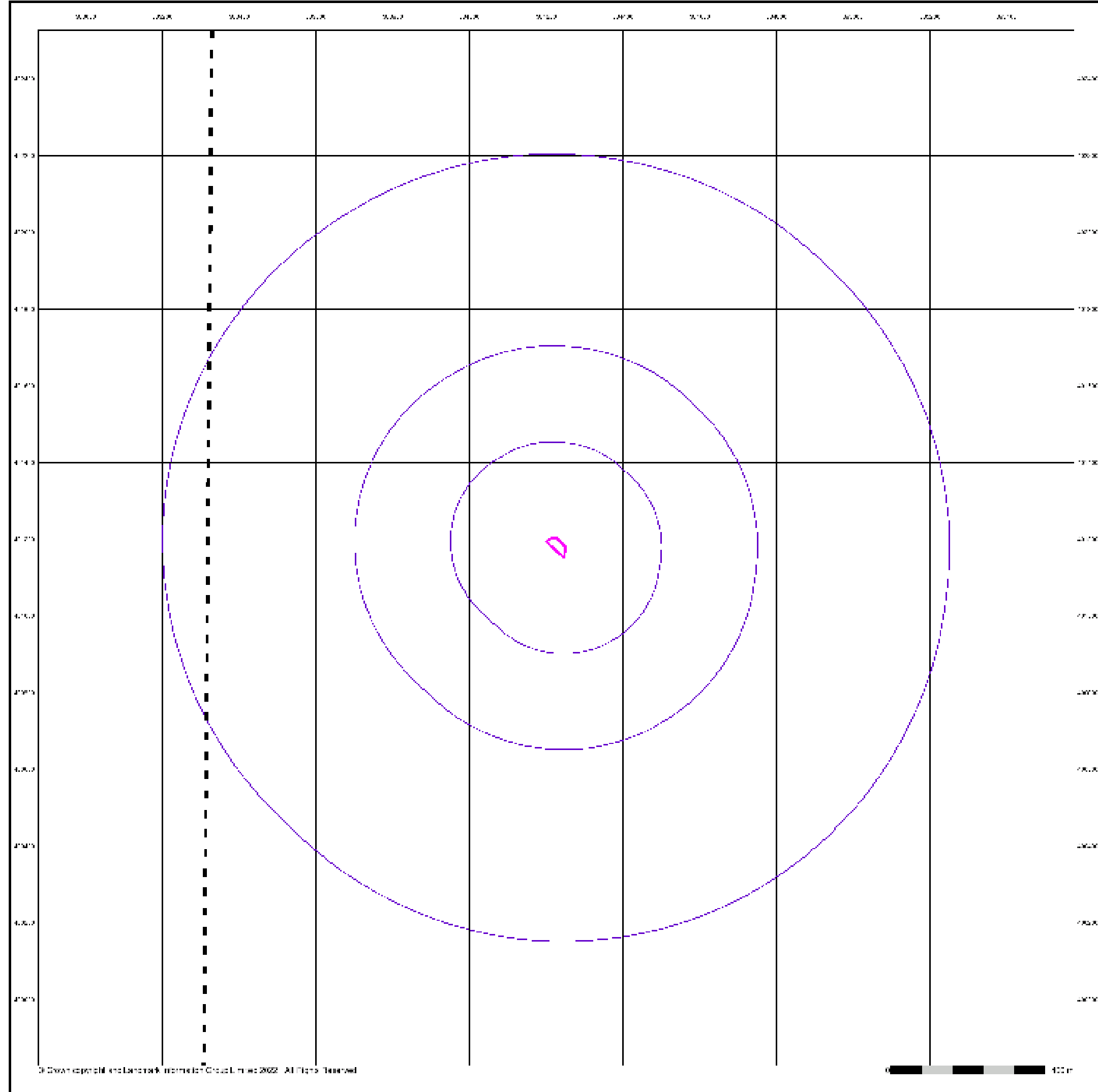
Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

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Fax: 0844 844 9951
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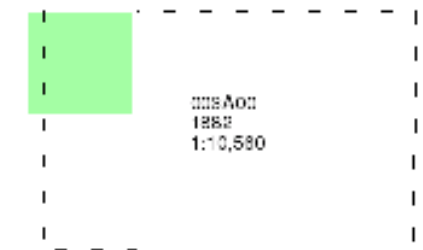
Cheshire

Published 1882

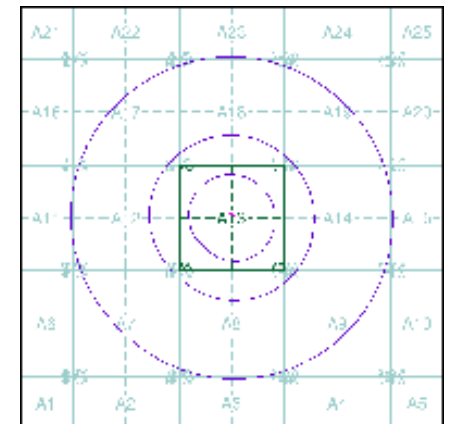
Source map scale - 1:10,560

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: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

Lancashire And Furness

Published 1894

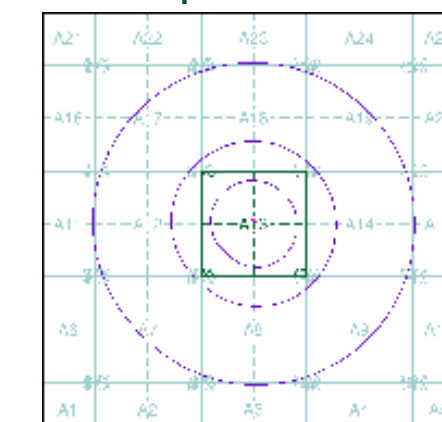
Source map scale - 1:10,560

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)

098SW 1884 1:10,560	098SE 1894 1:10,560
104NW 1894 1:10,560	104NE 1894 1:10,560

Historical Map - Slice A



Order Details

Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

Lancashire And Furness

Published 1909 - 1910

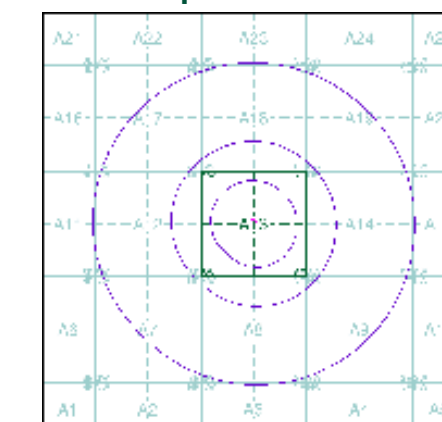
Source map scale - 1:10,560

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)

098SW 1910 1:10,560	098SE 1910 1:10,560
104NW 1909 1:10,560	104NE 1909 1:10,560

Historical Map - Slice A



Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

Lancashire And Furness

Published 1923

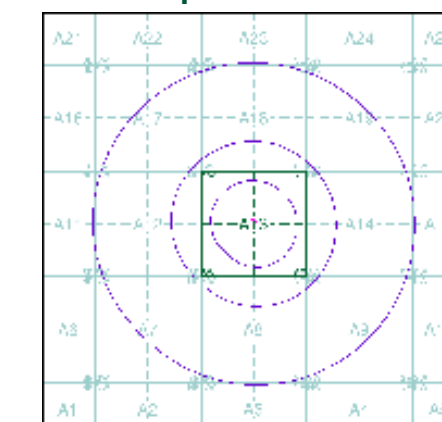
Source map scale - 1:10,560

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)

098SW 1923 1:10,560	098SE 1923 1:10,560
104NW 1923 1:10,560	104NE 1923 1:10,560

Historical Map - Slice A

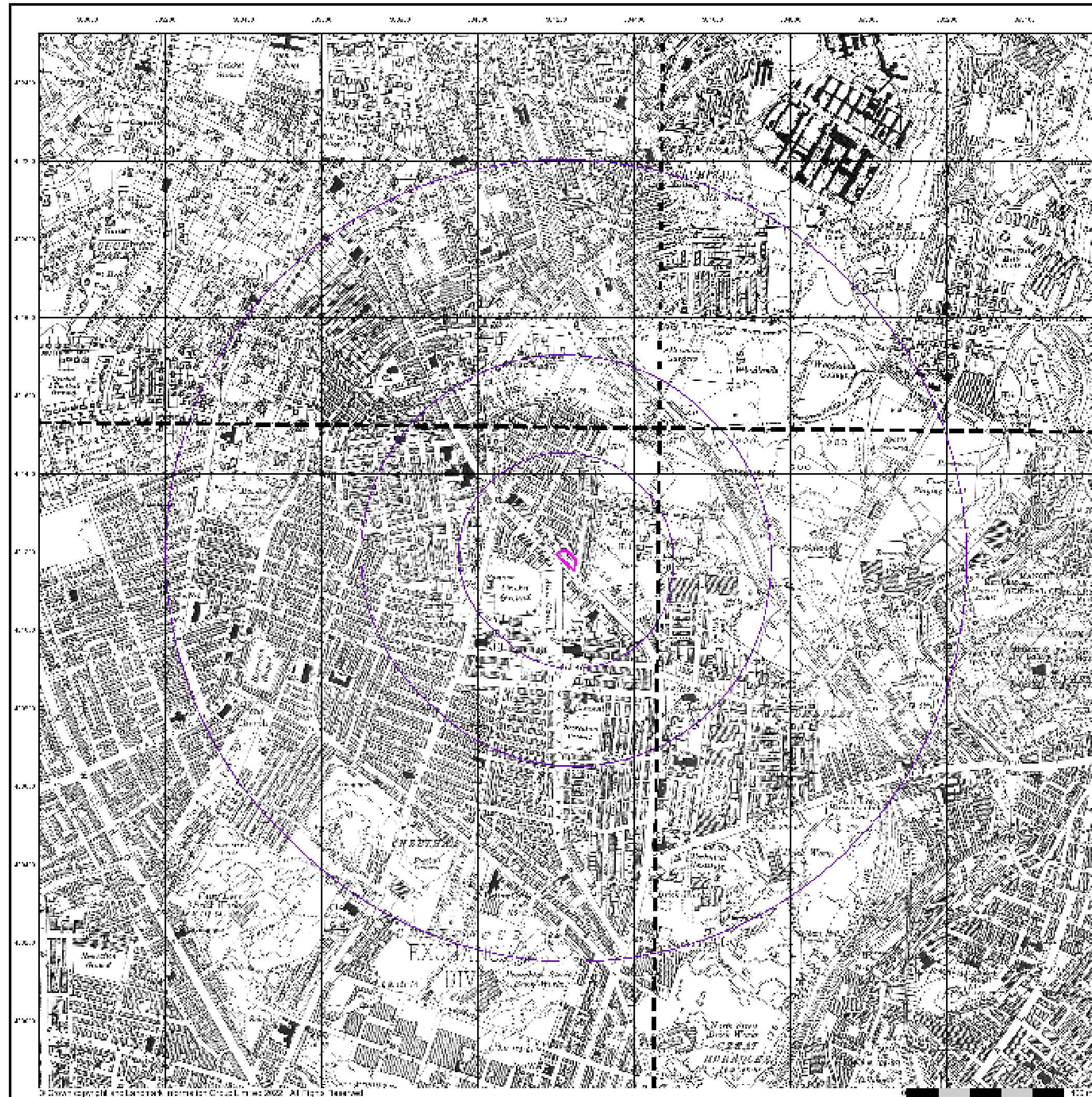


Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL



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Envirocheck

LANDMARK INFORMATION GROUP

Lancashire And Furness

Published 1931 - 1933

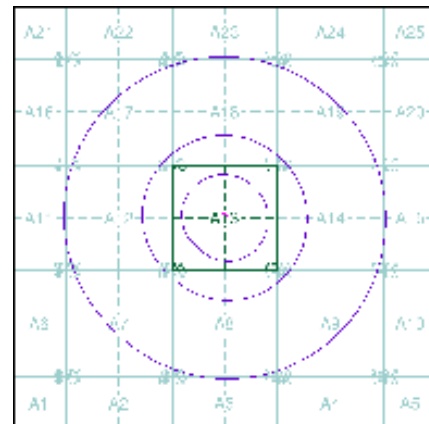
Source map scale - 1:10,560

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)

098SW 1932 1:10,560	098SE 1933 1:10,560
104NW 1881 1:10,560	104NE 1902 1:10,560

Historical Map - Slice A



Order Details

Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

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

Lancashire And Furness

Published 1938

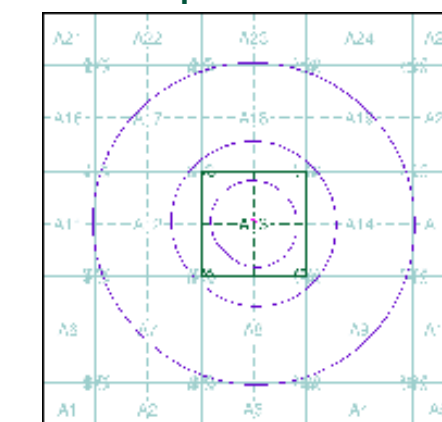
Source map scale - 1:10,560

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)

098SW 1938 1:10,560	098SE 1938 1:10,560
104NW 1938 1:10,560	104NE 1938 1:10,560

Historical Map - Slice A



Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

Ordnance Survey Plan

Published 1956

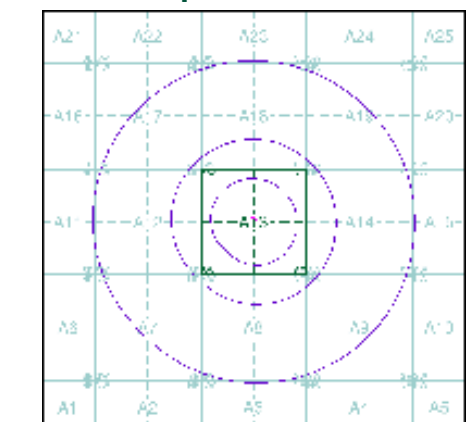
Source map scale - 1:10,000

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)

SD62SW	SD60SE
1956	1956
1:10,560	1:10,560
SJ68NW	SJ69NE
1956	1956
1:10,560	1:10,560

Historical Map - Slice A



Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

Ordnance Survey Plan

Published 1966 - 1968

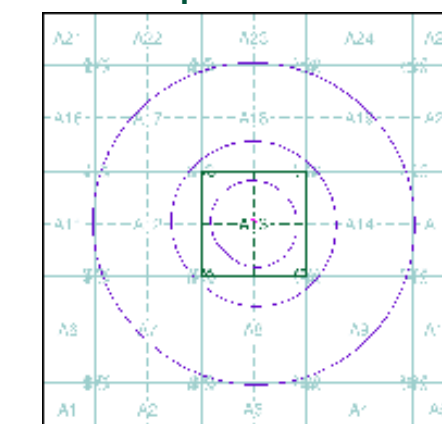
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SD62SW	SD60SE
1966	1966
1:10,560	1:10,560
	SJ89NE
	1968
	1:10,560

Historical Map - Slice A

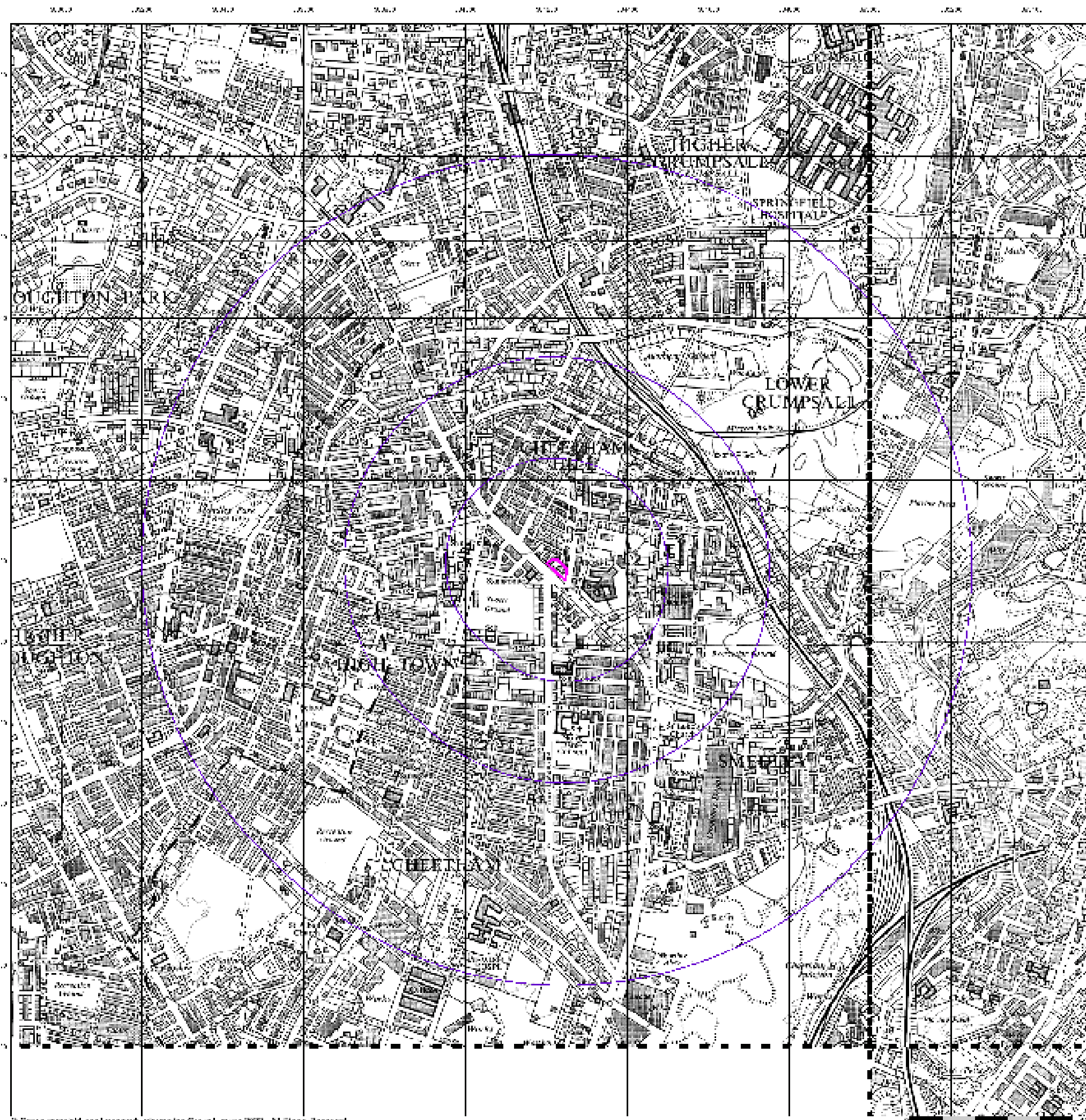


Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL



Ordnance Survey Plan

Published 1972 - 1979

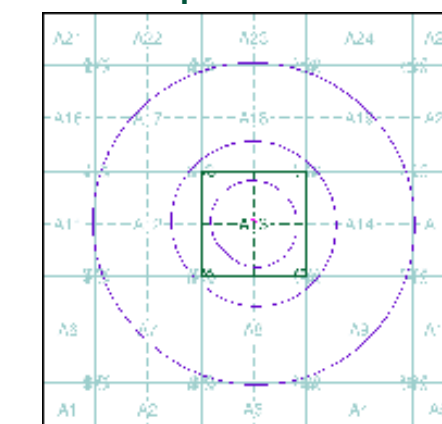
Source map scale - 1:10,000

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)

SD60SW 1979 1:10,000	SD60SE 1979 1:10,000
SD68NW 1972 1:10,000	

Historical Map - Slice A



Order Details

Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

Manchester

Published 1975

Source map scale - 1:25,000

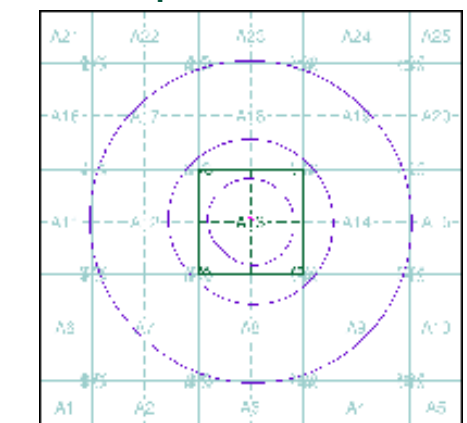
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed 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)

3000
1000
100000
1000
1000
100000

Russian Map - Slice A



Order Details

Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL



Ordnance Survey Plan

Published 1980 - 1986

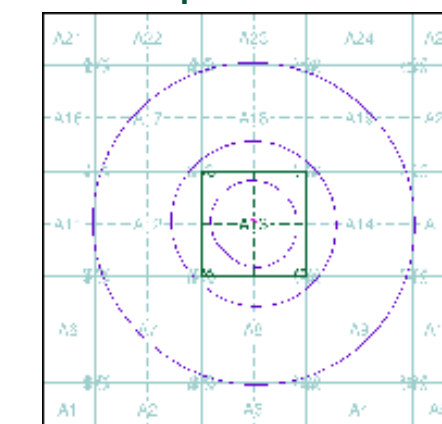
Source map scale - 1:10,000

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)

SD62SW 1986 1:10,000	SD60SE 1982 1:10,000
SJ68NW 1980 1:10,000	SJ69NE 1981 1:10,000

Historical Map - Slice A

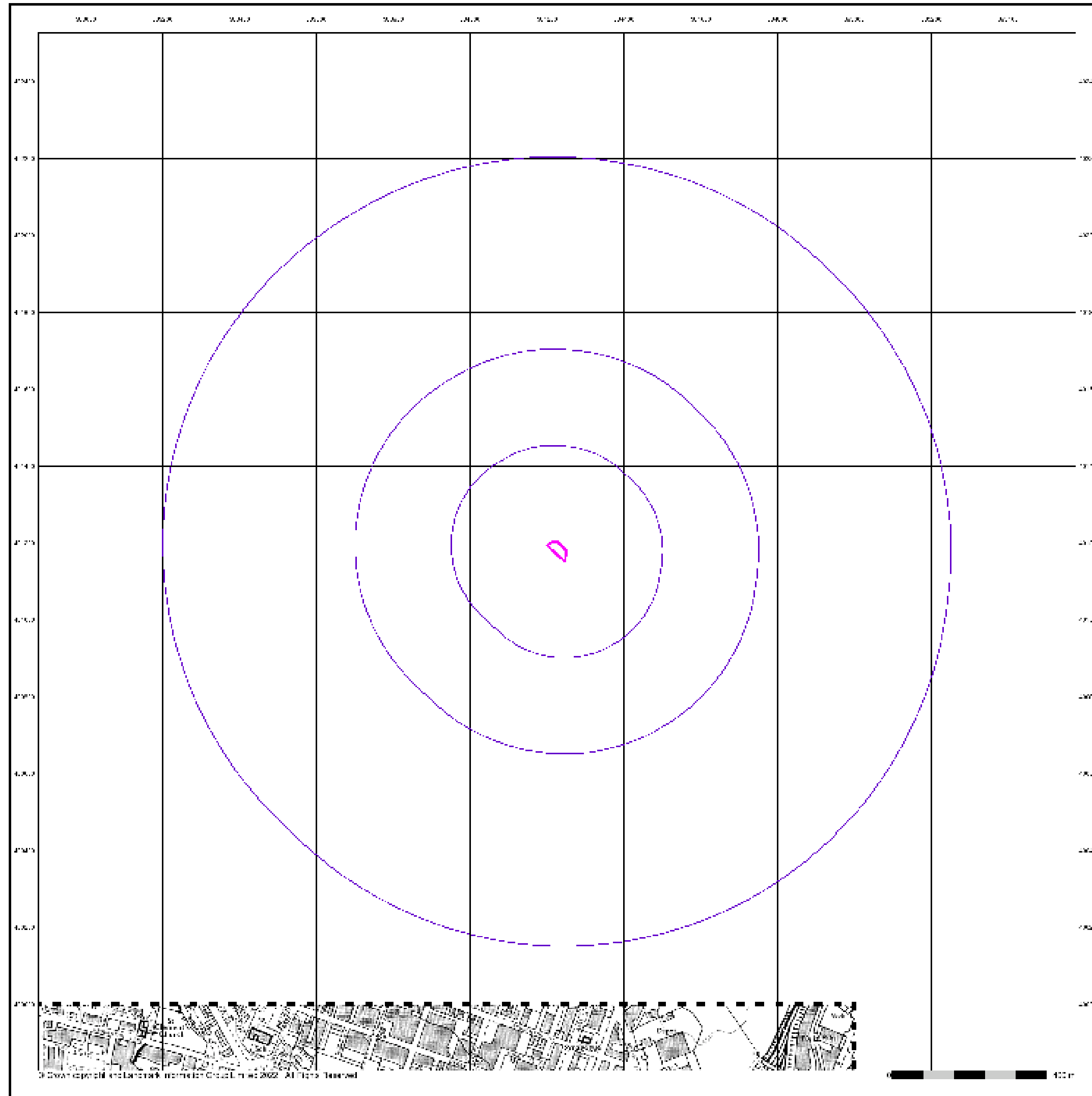


Order Details

Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL



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0 100 m

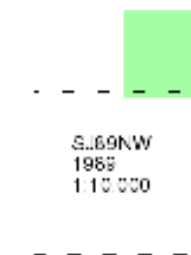
Ordnance Survey Plan

Published 1989

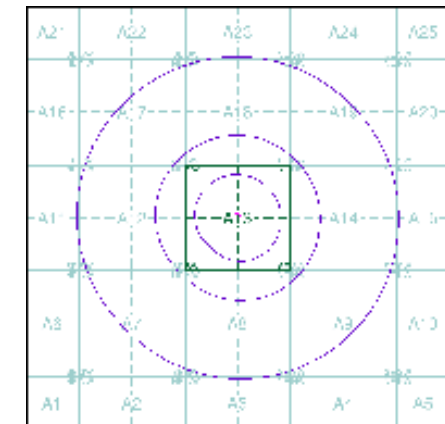
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

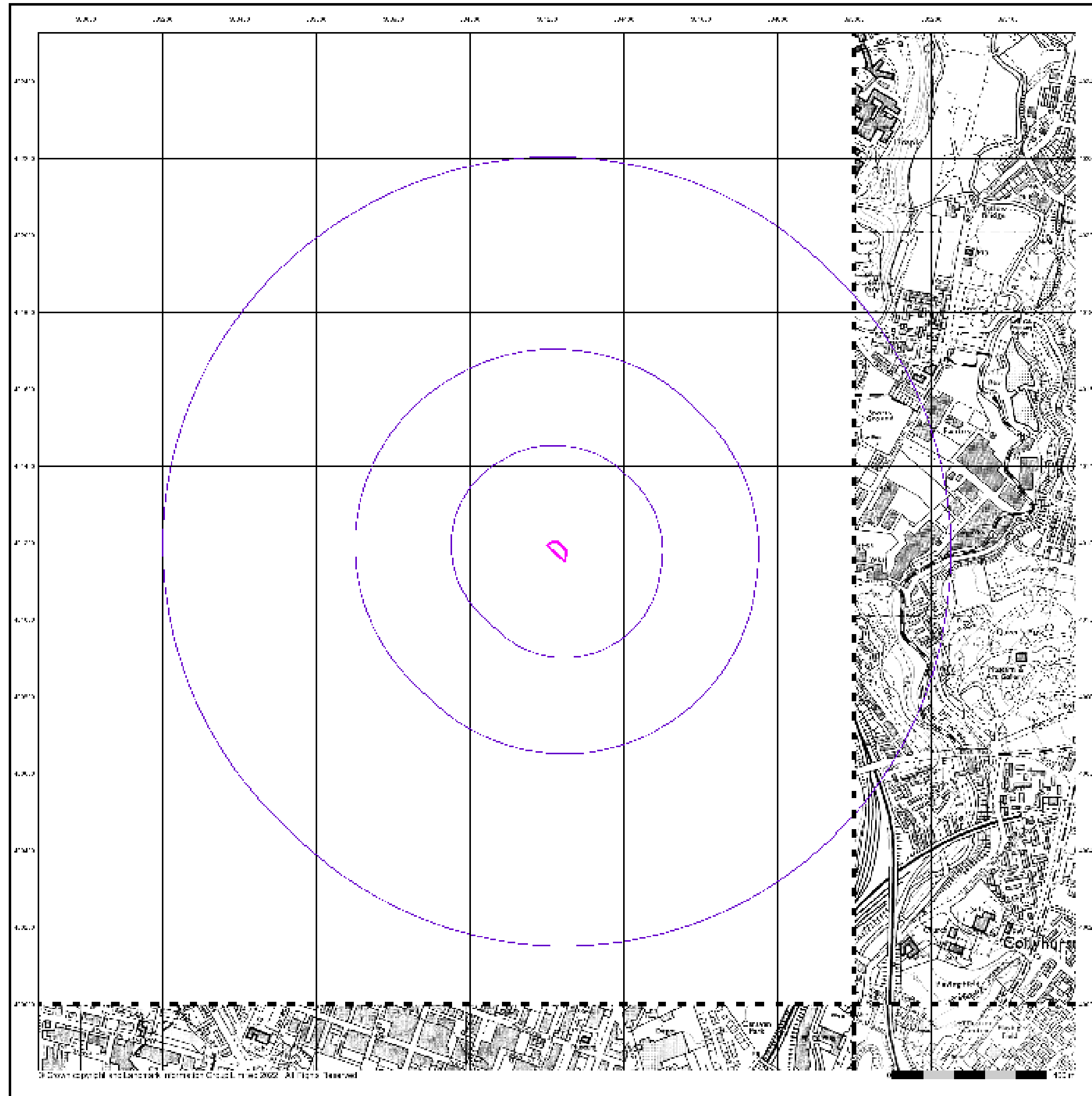


Order Details

Order Number: 297085833_1_1
Customer Ref: 1289
National Grid Reference: 384230, 401180
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL



Envirocheck

LANDMARK INFORMATION GROUP

Ordnance Survey Plan

Published 1990 - 1994

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SD80SE	1890	1:10,000
SJ88NW	1954	1:10,000
SJ89NE	1893	1:10,000

Historical Map - Slice A

Order Details

Order Number:	297085833_1_1
Customer Ref:	1289
National Grid Reference:	384230, 401180
Slice:	A
Site Area (Ha):	0.13
Search Buffer (m):	1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

Landmark

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Web: www.envirocheck.co.uk

A Landmark Information Group Service v50.0 17-Jun-2022 Page 17 of 20

10k Raster Mapping

Published 1999

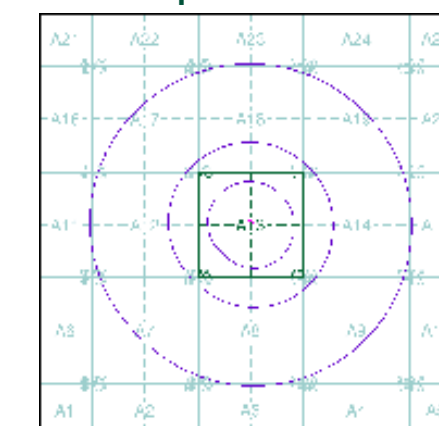
Source map scale - 1:10,000

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)

SD60SW 1999 1:10,000	SD60SE 1999 1:10,000
SD60NW 1999 1:10,000	SD60NE 1999 1:10,000

Historical Map - Slice A



Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

10k Raster Mapping

Published 2006

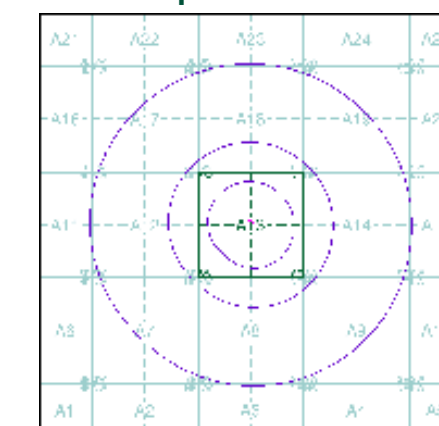
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SD80SW 2006 1:10,000	SD80SE 2006 1:10,000
SL88NW 2006 1:10,000	SL88NE 2006 1:10,000

Historical Map - Slice A



Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

VectorMap Local

Published 2021

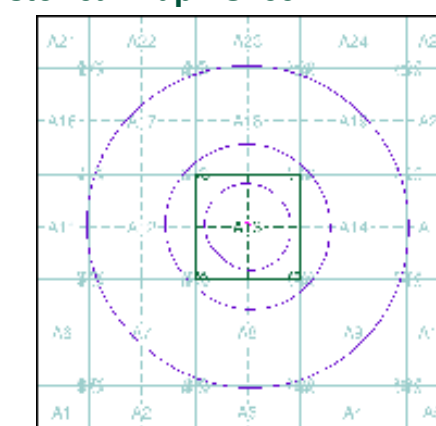
Source map scale - 1:10,000

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)

SD205W 2021 Variable	SD205E 2021 Variable
SJ68NW 2021 Variable	SJ68NE 2021 Variable

Historical Map - Slice A



Order Details

Order Number: 297085833_1_1
 Customer Ref: 1289
 National Grid Reference: 384230, 401180
 Slice: A
 Site Area (Ha): 0.13
 Search Buffer (m): 1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL



Appendix D – Exploratory Hole Logs



Borehole Log

Project Name: Cheetham Hill		Client: EuroGarages		Date: 16/06/2022	
Location: Cheetham Hill Road, ESSO EG Shirley, M8 0PL		Contractor: Cape Site Services			
Project No. : 1289		Crew Name:		Drilling Equipment: Dando Terrier	
Borehole Number WS1	Hole Type WS	Level	Logged By JH	Scale 1:25	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.01			Topsoil. MADE GROUND: Brown gravelly topsoil. Gravel is fine to coarse, sub-angular to sub-rounded mixed lithology including red brick and plastic membrane. Occasional rootlets.	
		0.30	PID	PID=0.0					
					0.60			Light brown, brown fine SAND. Occasional rootlets. At 2–4 m bgl, sand is darker brown and black. Towards 5 m bgl, sand is mottled black. Damp from 4.8 m bgl.	1
		0.80	PID	PID=0.0					
		1.30	PID	PID=0.0					
		1.80	PID	PID=0.0					2
		2.30	PID	PID=0.0					
		2.80	PID	PID=0.0					3
		3.30	PID	PID=0.0					
		3.80	PID	PID=0.0					4
		4.30	PID	PID=0.0					
		5.00	PID	PID=0.0	5.00			End of Borehole at 5.000m	5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks	
Target depth achieved.	



Borehole Log

Project Name: Cheetham Hill

Client: EuroGarages

Date: 16/06/2022

Location: Cheetham Hill Road, ESSO EG Shirley, M8 0PL

Contractor: Cape Site Services

Project No. : 1289

Crew Name:

Drilling Equipment: Dando Terrier

Borehole Number WS2	Hole Type WS	Level	Logged By JH	Scale 1:25	Page Number Sheet 1 of 1
------------------------	-----------------	-------	-----------------	---------------	-----------------------------

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.10			Reinforced concrete.	
					0.11			MADE GROUND: Plastic membrane.	
		0.30	PID	PID=0.0	0.30			MADE GROUND: Fine to coarse, sub-angular to sub-rounded gravel of mixed lithology.	
					0.50			Brown, black, orange, gravelly SAND. Gravel is fine to coarse, sub-angular to sub-rounded sandstone.	
		0.80	PID	PID=0.0				Light brown, beige, orange coarse SAND. Darker brown, black sand from 1.5 m bgl.	1
		1.30	PID	PID=0.0					
		1.80	PID	PID=0.0					2
		2.30	PID	PID=0.0					
		2.80	PID	PID=0.0					3
		3.30	PID	PID=0.0					
		4.00	PID	PID=0.0	4.00			End of Borehole at 4.000m	4
									5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks

Refused on compact sand.



Borehole Log

Project Name: Cheetham Hill		Client: EuroGarages		Date: 16/06/2022	
Location: Cheetham Hill Road, ESSO EG Shirley, M8 0PL		Contractor: Cape Site Services			
Project No. : 1289		Crew Name:		Drilling Equipment: Dando Terrier	
Borehole Number WS3	Hole Type WS	Level	Logged By JH	Scale 1:25	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.30	PID	PID=0.0	0.20 0.25 0.30			Reinforced concrete.	
		0.80	PID	PID=0.0				MADE GROUND: Plastic membrane.	
		1.30	PID	PID=0.0				MADE GROUND: Grey, black, fine to coarse, sub-angular to sub-rounded gravel of mixed lithology.	
		1.80	PID	PID=0.0				Light brown, beige, orange coarse SAND. Slightly damp at 1.3–1.5 m bgl.	1
		2.30	PID	PID=0.0					2
		2.80	PID	PID=0.0					3
		3.30	PID	PID=0.0					
		3.80	PID	PID=0.0					4
		4.30	PID	PID=0.0					
		5.00	PID	PID=0.0	5.00			End of Borehole at 5.000m	5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks	
Target depth achieved.	



Borehole Log

Project Name: Cheetham Hill		Client: EuroGarages		Date: 16/06/2022	
Location: Cheetham Hill Road, ESSO EG Shirley, M8 0PL		Contractor: Cape Site Services			
Project No. : 1289		Crew Name:		Drilling Equipment: Dando Terrier	
Borehole Number WS4	Hole Type WS	Level	Logged By JH	Scale 1:25	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.30	PID	PID=0.0	0.20 0.25 0.30			Concrete conglomerate.	
		0.80	PID	PID=0.0				MADE GROUND: Fine to coarse, sub-angular to sub-rounded gravel of mixed lithology. MADE GROUND: Brown, black gravelly sand. Gravel is fine, sub-angular to sub-rounded mixed lithology including red brick. Light brown, beige, orange coarse SAND. Darker brown, black sand at 0.3–0.5 m bgl. Faded beige colour at 2 m bgl. Damp at 5 m bgl.	1
		1.30	PID	PID=0.0					
		1.80	PID	PID=0.0					2
		2.30	PID	PID=0.0					
		2.80	PID	PID=0.0					3
		3.30	PID	PID=0.0					
		3.80	PID	PID=0.0					4
		4.30	PID	PID=0.0					
		5.00	PID	PID=0.0	5.00			End of Borehole at 5.000m	5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks	
Target depth achieved.	



Borehole Log

Project Name: Cheetham Hill		Client: EuroGarages		Date: 16/06/2022	
Location: Cheetham Hill Road, ESSO EG Shirley, M8 0PL		Contractor: Cape Site Services			
Project No. : 1289		Crew Name:		Drilling Equipment: Dando Terrier	
Borehole Number WS5	Hole Type WS	Level	Logged By JH	Scale 1:25	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.10			Topsoil.	
					0.20			MADE GROUND: Dark brown, fine to coarse, sub-angular to sub-rounded gravel of red brick and sandstone.	
		0.30	PID	PID=0.0	0.30				
								MADE GROUND: Red sand.	
								MADE GROUND: Brown, reddish, grey, gravelly sand. Gravel is fine to coarse, sub-angular to sub-rounded red brick, concrete, sandstone, and clinker.	
		0.80	PID	PID=0.0					
					1.00				
		1.30	PID	PID=0.0				Light brown, fine SAND. Damp from 3.8 m bgl.	1
		1.80	PID	PID=0.0					2
		2.30	PID	PID=0.0					
		2.80	PID	PID=0.0					3
		3.30	PID	PID=0.0					
		4.00	PID	PID=0.0	4.00			End of Borehole at 4.000m	4
									5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks	
Refused on compact sand.	



Borehole Log

Project Name: Cheetham Hill		Client: EuroGarages		Date: 16/06/2022	
Location: Cheetham Hill Road, ESSO EG Shirley, M8 0PL		Contractor: Cape Site Services			
Project No. : 1289		Crew Name:		Drilling Equipment: Dando Terrier	
Borehole Number WS6	Hole Type WS	Level	Logged By JH	Scale 1:25	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.30	PID	PID=0.0	0.20			Concrete conglomerate.	1
					0.30			MADE GROUND: Sandy, fine to coarse, sub-angular to sub-rounded gravel of mixed lithology. MADE GROUND: Brown, black, grey, beige, sandy, fine to coarse, sub-angular to sub-rounded gravel of mixed lithology, including sandstone.	
		0.60	PID	PID=0.0	0.60			End of Borehole at 0.600m	
									2
									3
									4
									5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks	
Refused on a historic fuel tank.	



Borehole Log

Project Name: Cheetham Hill		Client: EuroGarages		Date: 16/06/2022	
Location: Cheetham Hill Road, ESSO EG Shirley, M8 0PL		Contractor: Cape Site Services			
Project No. : 1289		Crew Name:		Drilling Equipment: Dando Terrier	
Borehole Number WS7	Hole Type WS	Level	Logged By JH	Scale 1:25	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20			Tarmac conglomerate.	
		0.30	PID	PID=0.0	0.30			MADE GROUND: Beige, brown, reddish sandy, fine to coarse, sub-angular to sub-rounded mixed lithology GRAVEL, including sandstone. Reddish, brown, beige, gravelly SAND. Gravel is fine to medium sub-angular to sub-rounded sandstone.	
		0.80	PID	PID=0.0	0.70			Light brown, beige, orange coarse SAND. Damp at 2.7–3 m bgl. Colour is black and darker red at 4–5 m bgl.	1
		1.30	PID	PID=0.0					
		1.80	PID	PID=0.0					2
		2.30	PID	PID=0.0					
		2.80	PID	PID=0.0					3
		3.30	PID	PID=0.0					
		3.80	PID	PID=0.0					4
		4.30	PID	PID=0.0					
		5.00	PID	PID=0.0	5.00			End of Borehole at 5.000m	5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks	
Target depth achieved.	



Borehole Log

Project Name: Cheetham Hill		Client: EuroGarages		Date: 16/06/2022	
Location: Cheetham Hill Road, ESSO EG Shirley, M8 0PL		Contractor: Cape Site Services			
Project No. : 1289		Crew Name:		Drilling Equipment:	
Borehole Number WS8	Hole Type WS	Level	Logged By	Scale 1:25	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20			Concrete conglomerate.	
		0.30	PID	PID=0.0	0.50			MADE GROUND: Brown, black, grey, beige, sandy, fine to coarse, sub-angular to sub-rounded gravel of mixed lithology, including sandstone, red brick, and occasional rootlets.	
		0.80	PID	PID=0.0				Light brown, beige, orange coarse SAND. Reddish orange at 3–4 m bgl. Damp and darker brown/ black at 4.5–5 m bgl.	1
		1.30	PID	PID=0.0					
		1.80	PID	PID=0.0					2
		2.30	PID	PID=0.0					
		2.80	PID	PID=0.0					3
		3.30	PID	PID=0.0					
		3.80	PID	PID=0.0					4
		4.30	PID	PID=0.0					
		5.00	PID	PID=0.0	5.00			End of Borehole at 5.000m	5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Target depth achieved.



Appendix E – Environmental Testing Results



Final Report

Report No.: 22-23460-1
Initial Date of Issue: 28-Jun-2022
Client Geo2 Remediation
Client Address: Coniston House
Louisa Street
Idle
Bradford
BD10 8NE
Contact(s): Jeremy Ha
Paul Stapleton
Steven Jackson
Ugne Ankenaite
Project 1289 Cheetham

Quotation No.:		Date Received:	23-Jun-2022
Order No.:		Date Instructed:	23-Jun-2022
No. of Samples:	9		
Turnaround (Wkdays):	5	Results Due:	29-Jun-2022
Date Approved:	28-Jun-2022		

Approved By:



Details: Stuart Henderson, Technical
Manager

Results - Soil

Project: 1289 Cheetham

Client: Geo2 Remediation	Chemtest Job No.: 22-23460					22-23460	22-23460	22-23460	22-23460	22-23460	22-23460	22-23460	22-23460
Quotation No.:	Chemtest Sample ID.: 1453923					1453923	1453924	1453925	1453926	1453927	1453928	1453929	1453931
	Sample Location:					WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
	Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):					0.30	2.80	1.30	5.00	0.80	0.90	1.80	5.00
	Bottom Depth (m):												0.50
	Date Sampled:					20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022
	Asbestos Lab:					COVENTRY				COVENTRY			COVENTRY
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192		N/A	Fibres/Clumps					-			-
Asbestos Identification	U	2192		N/A	Chrysotile					No Asbestos Detected			No Asbestos Detected
Asbestos by Gravimetry	U	2192	%	0.001	0.014								
Total Asbestos	U	2192	%	0.001	0.014								
Moisture	N	2030	%	0.020	2.6	5.6	15	19		9.9	7.7	19	16
Arsenic	U	2455	mg/kg	0.5	7.1				6.1				22
Cadmium	U	2455	mg/kg	0.10	0.45				0.59				0.31
Chromium	U	2455	mg/kg	0.5	16				8.8				13
Copper	U	2455	mg/kg	0.50	29				16				81
Mercury	U	2455	mg/kg	0.05	0.21				< 0.05				0.87
Nickel	U	2455	mg/kg	0.50	10				9.0				17
Lead	U	2455	mg/kg	0.50	110				29				330
Selenium	U	2455	mg/kg	0.25	0.55				0.43				0.68
Zinc	U	2455	mg/kg	0.50	84				79				120
Total Organic Carbon	U	2625	%	0.20		1.3		1.2			< 0.20		
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C10-C12	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C12-C16	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C16-C21	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C21-C35	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	81
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	81
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C12-C16	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	41	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C21-C35	U	2680	mg/kg	1.0	4500	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	380
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	4500	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	380
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	4500	< 10	< 10	< 10		< 10	< 10	< 10	460
Dichlorodifluoromethane	U	2760	µg/kg	1.0							< 1.0		
Chloromethane	U	2760	µg/kg	1.0							< 1.0		
Vinyl Chloride	U	2760	µg/kg	1.0							< 1.0		

Results - Soil

Project: 1289 Cheetham

Client: Geo2 Remediation	Chemtest Job No.:				22-23460	22-23460	22-23460	22-23460	22-23460	22-23460	22-23460	22-23460	22-23460
Quotation No.:	Chemtest Sample ID.:				1453923	1453924	1453925	1453926	1453927	1453928	1453929	1453930	1453931
	Sample Location:				WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8	WS8
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.30	2.80	1.30	5.00	0.80	0.90	1.80	5.00	0.20
	Bottom Depth (m):												0.50
	Date Sampled:				20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022
	Asbestos Lab:				COVENTRY				COVENTRY				COVENTRY
Determinand	Accred.	SOP	Units	LOD									
Bromomethane	U	2760	µg/kg	20							< 20		
Chloroethane	U	2760	µg/kg	2.0							< 2.0		
Trichlorofluoromethane	U	2760	µg/kg	1.0							< 1.0		
1,1-Dichloroethene	U	2760	µg/kg	1.0							< 1.0		
Trans 1,2-Dichloroethene	U	2760	µg/kg	1.0							< 1.0		
1,1-Dichloroethane	U	2760	µg/kg	1.0							< 1.0		
cis 1,2-Dichloroethene	U	2760	µg/kg	1.0							< 1.0		
Bromochloromethane	U	2760	µg/kg	5.0							< 5.0		
Trichloromethane	U	2760	µg/kg	1.0							< 1.0		
1,1,1-Trichloroethane	U	2760	µg/kg	1.0							< 1.0		
Tetrachloromethane	U	2760	µg/kg	1.0							< 1.0		
1,1-Dichloropropene	U	2760	µg/kg	1.0							< 1.0		
Benzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	U	2760	µg/kg	2.0							< 2.0		
Trichloroethene	N	2760	µg/kg	1.0							< 1.0		
1,2-Dichloropropane	U	2760	µg/kg	1.0							< 1.0		
Dibromomethane	U	2760	µg/kg	1.0							< 1.0		
Bromodichloromethane	U	2760	µg/kg	5.0							< 5.0		
cis-1,3-Dichloropropene	N	2760	µg/kg	10							< 10		
Toluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10							< 10		
1,1,2-Trichloroethane	U	2760	µg/kg	10							< 10		
Tetrachloroethene	U	2760	µg/kg	1.0							< 1.0		
1,3-Dichloropropane	U	2760	µg/kg	2.0							< 2.0		
Dibromochloromethane	U	2760	µg/kg	10							< 10		
1,2-Dibromoethane	U	2760	µg/kg	5.0							< 5.0		
Chlorobenzene	U	2760	µg/kg	1.0							< 1.0		
1,1,1,2-Tetrachloroethane	U	2760	µg/kg	2.0							< 2.0		
Ethylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Styrene	U	2760	µg/kg	1.0							< 1.0		
Tribromomethane	U	2760	µg/kg	1.0							< 1.0		
Isopropylbenzene	U	2760	µg/kg	1.0							< 1.0		
Bromobenzene	U	2760	µg/kg	1.0							< 1.0		
1,2,3-Trichloropropane	N	2760	µg/kg	50							< 50		
N-Propylbenzene	U	2760	µg/kg	1.0							< 1.0		
2-Chlorotoluene	U	2760	µg/kg	1.0							< 1.0		

Results - Soil

Project: 1289 Cheetham

Client: Geo2 Remediation	Chemtest Job No.:				22-23460	22-23460	22-23460	22-23460	22-23460	22-23460	22-23460	22-23460	22-23460
Quotation No.:	Chemtest Sample ID.:				1453923	1453924	1453925	1453926	1453927	1453928	1453929	1453930	1453931
	Sample Location:				WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8	WS8
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.30	2.80	1.30	5.00	0.80	0.90	1.80	5.00	0.20
	Bottom Depth (m):												0.50
	Date Sampled:				20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022
	Asbestos Lab:				COVENTRY				COVENTRY				COVENTRY
Determinand	Accred.	SOP	Units	LOD									
1,3,5-Trimethylbenzene	U	2760	µg/kg	1.0							< 1.0		
4-Chlorotoluene	U	2760	µg/kg	1.0							< 1.0		
Tert-Butylbenzene	U	2760	µg/kg	1.0							< 1.0		
1,2,4-Trimethylbenzene	U	2760	µg/kg	1.0							< 1.0		
Sec-Butylbenzene	U	2760	µg/kg	1.0							< 1.0		
1,3-Dichlorobenzene	U	2760	µg/kg	1.0							< 1.0		
4-Isopropyltoluene	U	2760	µg/kg	1.0							< 1.0		
1,4-Dichlorobenzene	U	2760	µg/kg	1.0							< 1.0		
N-Butylbenzene	U	2760	µg/kg	1.0							< 1.0		
1,2-Dichlorobenzene	U	2760	µg/kg	1.0							< 1.0		
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50							< 50		
1,2,4-Trichlorobenzene	U	2760	µg/kg	1.0							< 1.0		
Hexachlorobutadiene	U	2760	µg/kg	1.0							< 1.0		
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0							< 2.0		
Methyl Tert-Butyl Ether	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	U	2790	mg/kg	0.50							< 0.50		< 0.50
Phenol	U	2790	mg/kg	0.50							< 0.50		< 0.50
2-Chlorophenol	U	2790	mg/kg	0.50							< 0.50		< 0.50
Bis-(2-Chloroethyl)Ether	U	2790	mg/kg	0.50							< 0.50		< 0.50
1,3-Dichlorobenzene	U	2790	mg/kg	0.50							< 0.50		< 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50							< 0.50		< 0.50
1,2-Dichlorobenzene	U	2790	mg/kg	0.50							< 0.50		< 0.50
2-Methylphenol	U	2790	mg/kg	0.50							< 0.50		< 0.50
Bis(2-Chloroisopropyl)Ether	U	2790	mg/kg	0.50							< 0.50		< 0.50
Hexachloroethane	N	2790	mg/kg	0.50							< 0.50		< 0.50
N-Nitrosodi-n-propylamine	U	2790	mg/kg	0.50							< 0.50		< 0.50
4-Methylphenol	U	2790	mg/kg	0.50							< 0.50		< 0.50
Nitrobenzene	U	2790	mg/kg	0.50							< 0.50		< 0.50
Isophorone	U	2790	mg/kg	0.50							< 0.50		< 0.50
2-Nitrophenol	N	2790	mg/kg	0.50							< 0.50		< 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50							< 0.50		< 0.50
Bis(2-Chloroethoxy)Methane	U	2790	mg/kg	0.50							< 0.50		< 0.50
2,4-Dichlorophenol	U	2790	mg/kg	0.50							< 0.50		< 0.50
1,2,4-Trichlorobenzene	U	2790	mg/kg	0.50							< 0.50		< 0.50
Naphthalene	U	2790	mg/kg	0.50							< 0.50		< 0.50
4-Chloroaniline	N	2790	mg/kg	0.50							< 0.50		< 0.50
Hexachlorobutadiene	U	2790	mg/kg	0.50							< 0.50		< 0.50
4-Chloro-3-Methylphenol	U	2790	mg/kg	0.50							< 0.50		< 0.50

Results - Soil

Project: 1289 Cheetham

Client: Geo2 Remediation	Chemtest Job No.:				22-23460	22-23460	22-23460	22-23460	22-23460	22-23460	22-23460	22-23460	22-23460
Quotation No.:	Chemtest Sample ID.:				1453923	1453924	1453925	1453926	1453927	1453928	1453929	1453930	1453931
	Sample Location:				WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8	WS8
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.30	2.80	1.30	5.00	0.80	0.90	1.80	5.00	0.20
	Bottom Depth (m):												0.50
	Date Sampled:				20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022
	Asbestos Lab:				COVENTRY				COVENTRY				COVENTRY
Determinand	Accred.	SOP	Units	LOD									
2-Methylnaphthalene	U	2790	mg/kg	0.50							< 0.50		< 0.50
4-Nitrophenol	N	2790	mg/kg	0.50							< 0.50		< 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50							< 0.50		< 0.50
2,4,6-Trichlorophenol	U	2790	mg/kg	0.50							< 0.50		< 0.50
2,4,5-Trichlorophenol	U	2790	mg/kg	0.50							< 0.50		< 0.50
2-Chloronaphthalene	U	2790	mg/kg	0.50							< 0.50		< 0.50
2-Nitroaniline	U	2790	mg/kg	0.50							< 0.50		< 0.50
Acenaphthylene	U	2790	mg/kg	0.50							< 0.50		< 0.50
Dimethylphthalate	U	2790	mg/kg	0.50							< 0.50		< 0.50
2,6-Dinitrotoluene	U	2790	mg/kg	0.50							< 0.50		< 0.50
Acenaphthene	U	2790	mg/kg	0.50							< 0.50		< 0.50
3-Nitroaniline	N	2790	mg/kg	0.50							< 0.50		< 0.50
Dibenzofuran	U	2790	mg/kg	0.50							< 0.50		< 0.50
4-Chlorophenylphenylether	U	2790	mg/kg	0.50							< 0.50		< 0.50
2,4-Dinitrotoluene	U	2790	mg/kg	0.50							< 0.50		< 0.50
Fluorene	U	2790	mg/kg	0.50							< 0.50		< 0.50
Diethyl Phthalate	U	2790	mg/kg	0.50							< 0.50		< 0.50
4-Nitroaniline	U	2790	mg/kg	0.50							< 0.50		< 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50							< 0.50		< 0.50
Azobenzene	U	2790	mg/kg	0.50							< 0.50		< 0.50
4-Bromophenylphenyl Ether	U	2790	mg/kg	0.50							< 0.50		< 0.50
Hexachlorobenzene	U	2790	mg/kg	0.50							< 0.50		< 0.50
Pentachlorophenol	N	2790	mg/kg	0.50							< 0.50		< 0.50
Phenanthrene	U	2790	mg/kg	0.50							< 0.50		< 0.50
Anthracene	U	2790	mg/kg	0.50							< 0.50		< 0.50
Carbazole	U	2790	mg/kg	0.50							< 0.50		< 0.50
Di-N-Butyl Phthalate	U	2790	mg/kg	0.50							< 0.50		< 0.50
Fluoranthene	U	2790	mg/kg	0.50							< 0.50		0.86
Pyrene	U	2790	mg/kg	0.50							< 0.50		0.78
Butylbenzyl Phthalate	U	2790	mg/kg	0.50							< 0.50		< 0.50
Benzo[a]anthracene	U	2790	mg/kg	0.50							< 0.50		< 0.50
Chrysene	U	2790	mg/kg	0.50							< 0.50		< 0.50
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50							< 0.50		< 0.50
Di-N-Octyl Phthalate	U	2790	mg/kg	0.50							< 0.50		< 0.50
Benzo[b]fluoranthene	U	2790	mg/kg	0.50							< 0.50		< 0.50
Benzo[k]fluoranthene	U	2790	mg/kg	0.50							< 0.50		< 0.50
Benzo[a]pyrene	U	2790	mg/kg	0.50							< 0.50		< 0.50
Indeno(1,2,3-c,d)Pyrene	U	2790	mg/kg	0.50							< 0.50		< 0.50

Results - Soil

Project: 1289 Cheetham

Client: Geo2 Remediation	Chemtest Job No.:				22-23460	22-23460	22-23460	22-23460	22-23460	22-23460	22-23460	22-23460
Quotation No.:	Chemtest Sample ID.:				1453923	1453924	1453925	1453926	1453927	1453928	1453929	1453930
	Sample Location:				WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.30	2.80	1.30	5.00	0.80	0.90	1.80	5.00
	Bottom Depth (m):											0.50
	Date Sampled:				20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022	20-Jun-2022
	Asbestos Lab:				COVENTRY				COVENTRY			COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Dibenz(a,h)Anthracene	U	2790	mg/kg	0.50						< 0.50		< 0.50
Benzo[g,h,i]perylene	U	2790	mg/kg	0.50						< 0.50		< 0.50

Test Methods

SOP	Title	Parameters included	Method summary
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS

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T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

customerservices@chemtest.com



Final Report

Report No.: 22-23464-1
Initial Date of Issue: 01-Jul-2022
Client Geo2 Remediation
Client Address: Coniston House
Louisa Street
Idle
Bradford
BD10 8NE
Contact(s): Jeremy Ha
Paul Stapleton
Steven Jackson
Ugne Ankenaite
Project 1289 Cheetham

Quotation No.:		Date Received:	23-Jun-2022
Order No.:		Date Instructed:	23-Jun-2022
No. of Samples:	1		
Turnaround (Wkdays):	7	Results Due:	01-Jul-2022
Date Approved:	01-Jul-2022		

Approved By:

Details: Stuart Henderson, Technical
Manager

Results - 2 Stage WAC

Project: 1289 Cheetham

Chemtest Job No: 22-23464							Landfill Waste Acceptance Criteria			
Chemtest Sample ID: 1453935							Limits			
Sample Ref:							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Sample ID:										
Sample Location: WS8										
Top Depth(m): 0.20										
Bottom Depth(m): 0.50										
Sampling Date: 20-Jun-2022										
Determinand	SOP	Accred.	Units							
Total Organic Carbon	2625	M	%				0.34	3	5	6
Loss On Ignition	2610	M	%				5.0	--	--	10
Total BTEX	2760	M	mg/kg				< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg				< 0.10	1	--	--
TPH Total WAC	2670	M	mg/kg				3200	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg				96	100	--	--
pH	2010	M					6.9	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg				0.026	--	To evaluate	To evaluate
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg			
Arsenic	1455	U	0.018	0.027	0.035	0.26	0.5	2	25	
Barium	1455	U	0.061	0.039	0.12	0.42	20	100	300	
Cadmium	1455	U	0.00012	0.00013	0.00024	0.0013	0.04	1	5	
Chromium	1455	U	0.060	0.061	0.12	0.61	0.5	10	70	
Copper	1455	U	0.0066	0.010	0.013	0.011	2	50	100	
Mercury	1455	U	0.00005	0.00044	0.00011	0.0040	0.01	0.2	2	
Molybdenum	1455	U	0.019	0.0054	0.037	0.067	0.5	10	30	
Nickel	1455	U	0.023	0.026	0.044	0.26	0.4	10	40	
Lead	1455	U	0.0055	0.030	0.011	0.28	0.5	10	50	
Antimony	1455	U	0.0074	0.0038	0.015	0.042	0.06	0.7	5	
Selenium	1455	U	0.0027	0.0015	0.0054	0.016	0.1	0.5	7	
Zinc	1455	U	0.018	0.010	0.035	0.11	4	50	200	
Chloride	1220	U	190	36	380	520	800	15000	25000	
Fluoride	1220	U	1.2	0.66	2.4	7.1	10	150	500	
Sulphate	1220	U	79	19	160	250	1000	20000	50000	
Total Dissolved Solids	1020	N	390	150	770	1700	4000	60000	100000	
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-	
Dissolved Organic Carbon	1610	U	8.5	12	< 50	120	500	800	1000	

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	14

Leachate Test Information	
Leachant volume 1st extract/l	0.322
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.180

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Test Methods

SOP	Title	Parameters included	Method summary
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Conductivity Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2010	pH Value of Soils	pH	pH Meter
2015	Acid Neutralisation Capacity	Acid Reserve	Titration
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenzo[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge
650	Characterisation of Waste (Leaching WAC)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

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Appendix F – Risk Assessment Terminology

Definitions and Classifications of Risk Assessment Terminology.

Probability

Probability can be defined as the chance of a particular event occurring in a given period of time.

Descriptions of each of the four qualitative terms to be used in this report to describe the perceived probability of any identified pollutant linkage becoming realised are shown below in Table W.

Term	Description
High Likelihood	There is pollutant linkage and an event would appear 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 pollutant 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 pollutant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a long period such an event would take place, and is less likely in the shorter term.
Unlikely	There is pollutant linkage but circumstances are such that it is improbable that an event would occur even in the very long-term.

Table W. Description of Probability Classifications

Severity

Severity (consequence) can be defined as the adverse effects (or harm) arising from a defined hazard, which impairs the quality of human health or the environment in the short or longer term.

Descriptions of each of the four qualitative terms to be use in this report to describe the perceived potential severity of any identified pollutant linkage becoming realised are shown below in Table X.

Term	Description
Severe	Highly elevated concentrations likely to result in “significant harm” to human health as defined by the EPA 1990, Part 2A, if exposure occurs. Equivalent to EA Category 1 pollution incident including persistent and/or extensive effects on water quality; leading to closure of a potable abstraction point; major impact on amenity value or major damage to agriculture or commerce. Major damage to aquatic or other ecosystems, which is likely to result in a substantial adverse change in its functioning or harm to a species of special interest that endangers the long-term maintenance of the population. Catastrophic damage to crops, buildings or property.
Medium	Elevated concentrations which could result in “significant harm” to human health as defined by the EPA 1990, Part 2A if exposure occurs. Equivalent to EA Category 2 pollution incident including significant effect on water quality; notification required to abstractors; reduction in amenity value or significant damage to agriculture or commerce. Significant damage to aquatic or other ecosystems, which may result in a substantial adverse change in its functioning or harm to a species of special interest that may endanger the long-term maintenance of the population. Significant damage to crops, buildings or property.
Mild	Exposure to human health unlikely to lead to “significant harm”. Equivalent to EA Category 3 pollution incident including minimal or short-lived effect on water quality; marginal effect on amenity value, agriculture or commerce. Minor or short-lived damage to aquatic or other ecosystems, which is unlikely to result in a substantial adverse change in its functioning or harm to a species of special interest that would endanger the long-term maintenance of the population. Minor damage to crops, buildings or property.
Minor	No measurable effect on humans. Equivalent to insubstantial pollution incident with no observed effect on water quality or ecosystems. Repairable effects of damage to buildings, structures and services.

Table X. Description of Severity Classifications

Once the severity and probability of a pollutant linkage has been determined the risk can be assessed using the risk matrix shown overleaf on Table Y.

Risk Matrix

By cross referencing the derived severity and probability in Table Y, below the perceived potential risk can be determined.

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

Table Y. Risk Assessment Matrix

The risk categories detailed above are defined below in the following Table Z.

Term	Description
Very High Risk	There is a high probability that significant harm could arise to a designated receptor from an identified hazard at the site without appropriate remedial action.
High Risk	Significant harm is likely to arise to a designated receptor from an identified hazard at the site without appropriate remedial action.
Moderate Risk	It is possible that without appropriate remedial action, harm could arise to a designated receptor but it is relatively unlikely that any such harm would be severe and if any harm were to occur, it is likely that such harm would be relatively mild.
Low Risk	It is possible that significant harm could arise to a designated receptor from an identified hazard but it is likely that at worst this harm if realised would normally be mild.
Very Low Risk	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised, it is not likely to be severe.

Table Z. Definition of Risk



Appendix G – Watching Brief



Geo2 Remediation Ltd
Coniston House,
Louisa St. Idle
Bradford
BD10 8NE

Phone 0113 257 5397
Email info@geo2.co.uk
Web www.geo2.co.uk

Generic Watching Brief Method Statement

This method statement aims to establish a structure by which site works / development contractors will be able to effectively meet the requirements of a watching brief. A watching brief is frequently proposed as part of planning conditions imposed onto any brownfield site, or a site potentially affected by contaminants. This methodology proposed a strategy which allows the site workers to effectively undertake these works themselves without the need for a full time environmental specialist.

Requirements of a Nominated Competent Person (CP)

The party undertaking the site works will nominate a Competent Person (CP) who will be responsible for providing a watching brief over all excavation, soil handling works associated with construction and for ensuring site workers conform to appropriate PPE requirements at all times. The CP will be on-site during all enabling, and construction works.

The CP will be briefed by Geo² on environmental management during or in advance of the groundworks at an on-site meeting to be held prior to the commencement of works. This would typically address the following issues;

- A review of any existing site information with regard to areas of potential contamination both identified and unidentified,
- Types of contamination which may be encountered and also potential for unexpected contamination, and means of identification,
- Potential risks associated with contaminants, with regard to health and safety concerns of construction workers,
- Potential for waste disposal issues,
- Ensuring that the CP is confident and capable of undertaking the practical responsibilities identified,
- Any additional site specific concerns or factors which may prove relevant to works, such as any visual monitoring / inspection requirements (e.g. daily observations of adjacent streams etc).

The CP would be required to maintain records of any issues, as detailed above, which would be encountered during the programme of works. Records should detail the time and date, nature of any incident, or detail of potentially contaminated soils encountered, location of this material, where possible extent and the actions undertaken to ensure this was appropriately classified. These would be required to be submitted to the client and Geo² to ensure that an appropriate validation report

could be complied to enable the planning conditions to be lifted. Records should be available onsite at all times for inspection as required.

The CP is also responsible for contacting Geo² in the event of encountering situations requiring environmental management. A Geo² contact will be ascribed to each site, so suitable site specific advice will be available over the phone as necessary. Site visits can be arranged at short notice to assist with any potentially significant issues.

Unexpected Contamination

Unexpected contamination may comprise impacted sub-soil, or structures such as underground storage tanks (UST), subsurface features, pipes, sumps or chambers with associated contamination observed beneath the site during the redevelopment works.

Where apparently contaminated sub-soils (or waters) are encountered, the permanent nominated CP should be contacted for assessment.

As a guide, apparently contaminated sub-soils or waters may comprise visually impacted and strongly odorous material. Encountered odours could be petrol, diesel, solvents or oil-like. Should materials of this description, or other description following a site specific briefing, be encountered and this material be considered to be unidentified, Geo² should be contacted. In such circumstances, the affected area should be isolated and work in the area stopped, pending the Geo² consultant visit to sample or assess the soil. The area should remain isolated whilst the samples are analysed at an appropriate laboratory, if considered necessary.

Based on the results and in comparison with adopted screening criteria, Geo² will determine whether the identified materials present a significant environmental risk. Should the soil need to be removed in line with the proposed development programme, or as a result of a risk based analysis, validation samples will be collected from the edge of the excavation by a Geo² site engineer.

All waste should be appropriately isolated and stored to prevent spreading contamination across the site. Waste should then be classified and disposed of in accordance with the applicable waste management regulations under full duty of care documentation. Potential exists for hazardous waste to be present, and this should also be dealt with in accordance with the relevant legislation.

Should unidentified underground features be encountered, such as tanks or fuel delivery lines, that require removal in line with the proposed development, they should be appropriately decommissioned. Decommissioning should comprise pumping and removal of waste water and any sediment in accordance with the applicable waste management regulations under full duty of care documentation. Water and sediment waste may need to be sampled and analysed to determine whether it needs to be disposed of as hazardous.

Should any structure encountered remain in situ, Geo² should be contacted to ensure that any potential impact that may be associated with this feature can be appropriately addressed, if necessary. This process may entail additional sampling works, which would require the identified area to be isolated until Geo² site staff are able to attend site.

Following removal of any such structure, the CP should inspect the excavations for apparently impacted materials. Should apparently contaminated material be identified beneath or adjacent to the structure, Geo² should be contacted to undertake further sampling and analysis. All results will be included in the Validation Report.

The relevant planning authorities will be notified should any unexpected contamination be identified and any remedial actions that are required as a result of encountered materials will be agreed prior to the work being carried out.

Sampling Procedure

All samples obtained by Geo² will be stored in appropriate vessels for the required analysis and stored in controlled conditions prior to submission to an appropriately accredited laboratory. All samples will be obtained in line with standard industry guidance.

Validation Report

This typically forms the final part of any contaminated land planning condition and allows the client or local authority certainty that any contaminated land encountered during works has been appropriately addressed and the condition of remaining soils (and groundwater if applicable) is understood. This may be compiled by Geo² (typically in the event of unexpected contamination being encountered) or by the Client (this may take the form of a brief letter, stating the completed nature of the site and a brief description of conditions encountered).

Geo² Contact

A Geo² contact will be prescribed to the site upon implementation of the watching brief. If there are any other queries Geo² can be contacted on the office number at 0113 257 5397