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Date: April 2019

emcus
geotechnical & geo-environmental

PLANNING AND
BUILDING CONTROL
10 APR 2019

GEO-ENVIRONMENTAL DESK STUDY REPORT
For
NORDER DESIGN ASSOCIATES
On the Site of a
CHP ENERGY PROJECT,
ROYAL BREWERY,
DENMARK ROAD,
MANCHESTER

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1.0 INTRODUCTION

1.1 This report describes a Geo-Environmental Desk Study on a site at Royal Brewery, Denmark Road, Manchester, carried out for our Client, Norder Design Associates.

1.2 The objectives of this report have been to obtain information relating to the geo-environmental conditions pertaining to the site and its surroundings and to produce an assessment of these factors in relation to the proposed development at the site.

1.3 We have been advised that the proposed development at the site will comprise a containerised CHP engine, pipe bridge and ancillary plant. It has been assumed in the production of this report that ground levels across the site will not change significantly in the course of the development. If the assumptions made above and in the later sections of this report are not the case, then the recommendations presented within this report may require some amendment.

1.4 This report has been produced on behalf of the Client, Norder Design Associates and no responsibility is accepted to any third party for all or any part. This report should not be relied upon or transferred to any other parties without the express written authorisation of Emcus Limited. If any unauthorised third party comes into possession of this report, they rely on it at their own risk and the authors owe them no duty of care or skill.

1.5 The findings and opinions conveyed from this desk study are based on information obtained from a variety of sources, as detailed within this report, which Emcus Limited believes are reliable. Nevertheless, Emcus Limited cannot and does not guarantee the authenticity or reliability of the information it has obtained from these sources, and used in the production of this report.

1.6 The site plans and drawings enclosed in this report should not be scaled off.

2.0 SITE DESCRIPTION

2.1 Site Location & Access

2.1.1 The site is located in the central area of Royal Brewery, Denmark Road, Manchester, (see drawings J1790/01 & J1790/02). The Ordnance Survey grid reference for the approximate centre of the site is SJ 8389 9597.

2.1.2 For the purpose of the site walkover, (undertaken 29th March 2019), access to the site was gained directly from the adjacent areas of the brewery.

2.2 Site Description & Surroundings

2.2.1 At the time of the walkover, the site generally comprised part of an approximately flat lying asphalt hardstanding. A waste skip (used for waste sludge) and a row of plastic IBC containers supported by plastic spill bunds were present in the western boundary of the site. (Labelling on the IBCs indicated that they contained hop concentrate and calcium chloride). Furthermore, a concrete hardstanding, (understood to form the cover to a culvert) was present in the southern area of the site.

2.2.2 The asphalt hardstanding extended beyond the northern and eastern boundaries of the site. An effluent treatment plant, comprising several tanks, vessels and a small standby generator was generally present beyond the western boundary of the site. A large brewery building was present beyond the southern-most boundary of the site.

3.0 DESK STUDY

3.1 Historical Maps

3.1.1 Extracts of historical maps and aerial images of the site area, included as part of a pack of the 'Envirocheck' information obtained from the Landmark Information Group Ltd, have been reviewed to obtain an indication of the history of the site and its environs. These 'Envirocheck' plans are reproduced in Appendix A of this Report. The plans are dated between 1848 and 2019 and generally comprise a montage of extracts, taken from the original old maps / images of approximately the same publication dates.

3.1.2 The earliest historical map dated 1848 indicate that the site generally comprised part of a larger field presumably used for agriculture. An east / west orientated watercourse (Corn Brook) is indicated to have extended across the southern area of the site.

3.1.3 The historical plans dated 1896 to 1985 indicate that the northern area of the site generally comprised residential housing, gardens / yards and associated infrastructure. (The historical maps from that period indicate that the layout of the residential development in the northern area of the site was replaced / redeveloped in circa 1972). The maps dated 1896 – 1985 indicate that southern area of the site comprised a road (Denmark Road) and part of a brewery building. The watercourse (Corn Brook) is indicated to have been diverted / culverted as the site (and surrounding area) was developed.

3.1.4 The historical maps dated 1989 – 2019 indicate that the site generally comprised part of a hardstanding associated with a brewery. The southernmost margin of the site is indicated to have comprised part of a brewery building.

3.1.5 The earliest historical map dated 1848 indicates that the area surrounding the site generally comprised undeveloped fields and scattered houses / farmsteads. The historical maps dated 1896 – 1972 indicate that the area to the north, east and west of the site was then generally developed with residential housing and associated infrastructure. The maps from that period (1896 – 1972) indicate that the area immediately to the south of the site generally comprised a brewery, with an electricity sub-station 20m to the south-east of the site; and a library, police station and fire station 70m to the south-west of the site. The maps dated 1949 – 1972 also indicate that a corporation yard was present 35m to the south of the site and several small works and warehouses were present within the residential housing to the north, east and west of the site.

3.1.6 The historical maps dated 1977 - 2018 indicate that area immediately surrounding the site was gradually developed with buildings, structures, harstandings, etc., forming other parts of a brewery. In particular, the maps dated 1984 to 2009 indicate that a group of tanks within the brewery curtilage were present 10m – 20m to the west of the site. The maps dated 2013 – 2018 indicate that group of tanks extended to immediately beyond the western site boundary.

3.2 Geology, Hydrogeology & Hydrology

3.2.1 The following publication of the British Geological Survey (BGS) has been examined in respect of the strata underlying the site:

- Map, Sheet 85 Manchester, Bedrock & Superficial, Scale 1:50,000, dated 2011.

3.2.2 The published geological map indicates that the natural strata beneath the site comprises glacial till, underlain by the Triassic Chester Pebble Beds Formation (CPB). Till is described on the geological map as sandy clay with unsorted pebbles, cobbles and some boulders. The CPB is described as reddish – brown moderately cemented sandstone.

3.2.3 In addition to the natural strata, Made Ground is anticipated beneath the site associated with the historic / previous development.

3.2.4 The extract of the Superficial Aquifer Designation map within the Envirocheck report indicates that the glacial till underlying the site is a Secondary Undifferentiated Aquifer. The extract of the Bedrock Aquifer Designation map within the Envirocheck report indicates that the Chester Pebble Beds Formation underlying the site is a Principal Aquifer.

3.2.5 The historic County Series and contemporary Ordnance Survey maps do not identify any named surface watercourses within 250m of the site. However, a culverted watercourse (Corn Brook) is understood to extend beneath the southern area of the site.

3.3 'Landmark' Environmental Database Report

3.3.1 A search and review has been undertaken of information held on the Landmark 'Envirocheck' database, which provides information on the environmental setting of the site. A copy of the 'Envirocheck' Report is reproduced in Appendix B of this report, with the salient points summarised below:

- The Envirocheck report identifies a single historical landfill 135m to the west of the site. That landfill is reported to have operated between May 1994 and June 1995 and accepted inert and industrial waste. The Envirocheck does not identify any other landfills and / or waste management facilities within 250m of the site.
- The Envirocheck report identifies 17 Integrated Pollution Prevention & Control (IPPC) within 250m of the site. 7 of those IPPCs are located 21m to the south-east of the site at Royal Brewery and described as 'animal, vegetable and food. 10 of the IPPCs are located 42m to the south of the site at Royal Brewery. 6 of those IPPCs are described as 'animal, vegetable and food treating' and 4 of those IPPCs are described as 'disposal of non-hazardous waste involving biological treatment. 16 of the IPPCs are identified as 'superseded by variation'. A single IPPC located 42m to the south of the site for 'animal, vegetable and food treating' is identified as effective.

- The Envirocheck report identifies a single Local Authority Pollution Prevention & Control within 150m of the site. That PPC is located 92m to the north-west of the site as is described as 'PG1/14 Petrol filling station'.
- The Envirocheck report identifies 8 water abstractions within 250m of the site. 6 of those abstractions are located 42m to the south of the site. 2 of those abstractions are located 55m to the south-west of the site.
- The site is located in Zone 1 (Inner Protection Zone) of a Source Protection Zone.
- The Envirocheck report identifies 9 Contemporary Trade Directory Entries within 250m of the site. 2 of those entries are located 21m to the south-east of the site at Royal Brewery and identified as brewers. The other entries within 250m of the site are identified as electrical goods manufacturers, hospitals (2 entries), petrol filling stations, printers, pumps – sales, servicing & repairs and manufacturers.

3.4 Previous Reports

3.4.1 Emcus limited have undertaken 3 other intrusive ground investigations within the curtilidge of the brewery between mid 2017 and early 2019. Those investigations were undertaken for a group of vessels located approximately 140m to the south-east of the site; an extension to a yeast block, located 75m to the south of the site; and a warehouse extension located approximately 100m to the north of the site. All those investigations revealed the strata in those locations was free of significant contamination with all the determinands tested for, falling below the levels of detection or below their respective assessment criteria.

4.0 PRELIMINARY CONCEPTUAL SITE MODEL

4.1 Introduction

4.1.1 Current policy in the United Kingdom for the control and treatment of potential / actual contamination on development sites is based on a 'suitable for use' principle. In effect this means that where the contamination that may be present on a site is deemed to pose an unacceptable risk to human health or the environment, appropriate remedial or mitigation measures should be provided, appropriate to the intended form of development. The current practice with respect to the assessment of the risks posed by potentially contaminated land in the England & Wales is to consider possible Source – Pathway – Receptor (Target) linkages between any contaminant sources on, or in the vicinity of, the site and sensitive potential targets (site users, controlled waters, etc.). This Source – Pathway – Receptor approach whilst common to all developments must be tailored to the conditions and environment of the specific site by use of a 'Conceptual Site Model'. At a preliminary (e.g. Phase 1 Desk Study) stage, the Conceptual Site Model may be limited to a qualitative assessment only, but with more information from future intrusive investigations, it may be appropriate to develop more detailed quantitative models.

4.2 Preliminary Conceptual Site Model

4.2.1 Potential Contaminant Sources

From the desk study researches, potential contaminant sources affecting the site can be split between on-site and off-site sources and further divided between current and historical land uses. On this basis, the following potential contaminant sources could be considered.

- On Site Sources - Current/Recent and Historical Land Uses;
  - Possible contamination associated with Made Ground on the site. - Potentially a range of metals, metalloids, asbestos and Poly Aromatic Hydrocarbons (PAHs).
  - Possible contamination associated with the storage and / or usage of fuel and oils on the site. – Potentially Total Petroleum Hydrocarbons (TPH-CWG).

- Off-site sources - Current/Recent and Historical Land Uses;
  - Possible ground gasses from the historical landfill 135m to the west of the site. – Potentially Carbon Dioxide and perhaps Methane.

4.2.2 Potential Receptors / Targets

Again these may be On-Site or Off-Site, Animal / Human (End Users) or Environmental (Controlled waters, etc.) Receptors / Targets.

- Human & Animal On-site & Off-site;
  - Construction Workers, End Users, Members of the Public, Users & Occupiers of adjacent premises.

- Build-up of ground gas & vapours / fumes in confined spaces (i.e. excavations, service chambers, etc.).
- Local wildlife.

- Environmental, On-site & Off-site:
  - Ground water – The superficial deposits beneath the site are identified as a Secondary Undifferentiated Aquifer. Underlying the superficial deposits, the bedrock are identified as a Principal Aquifer.
  - Surface water – A culverted watercourse (Corn Brook) is understood to extend beneath the southern area of the site.

4.2.3 Pathways

Migration pathways between the above potential contaminant sources and receptor targets could include, with respect to the various human and environmental receptors / targets:

- Pathways to Animal / Human Targets:
  - On-site (Construction Workers, End Users and members of the Public)
    - Dermal contact.
    - Ingestion of soils.
    - Inhalation of dusts, etc.
    - Migration of ground gas & fumes / vapours through permeable strata to accumulate in confined spaces (i.e. excavations, service chambers, etc.).
  - Off-site
    - Inhalation of dusts, etc.

- Pathways to environmental Receptors / Targets:
  - Ground water – The superficial deposits beneath the site are identified as a Secondary Undifferentiated Aquifer. Underlying the superficial deposits, the bedrock are identified as a Principal Aquifer.
  - Surface water – A culverted watercourse (Corn Brook) is understood to extend beneath the southern area of the site.

5.0 PHASE I GEO-ENVIRONMENTAL ASSESSMENT

5.1 Contamination

5.1.1 From consideration of the desk study information and findings of the previous investigations undertaken by Emcus within the curtilage of the brewery, it is unlikely that there will be gross contamination of the strata beneath the site. However, Made Ground is anticipated, associated with the previous / historic development. That Made Ground has the potential to contain concentrations of some metals, PAHs and asbestos, etc., which might exceed the published Soil Guideline Values / assessment criteria for a commercial / industrial end use. The possibility of elevated Total Petroleum Hydrocarbons concentrations associated with the historic storage / usage of fuels / oils cannot be completely discounted at this stage.

5.1.2 It is considered that the existing hardsurfacing of the site and proposed foundations for the containerised CHP plant and pipe bridge, etc., will provide a break in the potential contamination source to receptor pathway and prevent any likely concentrations of metals, PAHs and asbestos, etc., from posing a significant risk to the end users of the site.

5.1.3 Furthermore, with foundations for the CHP plant & pipe bridge, etc., likely to bear at shallow depth in the glacial till (identified as a Secondary Undifferentiated Aquifer), allied with the low permeability asphalt surfacing generally present across the surface of the site, it is considered the site will not pose a significant risk to environmental receptors / Controlled Waters.

5.1.4 If any visual and / or olfactory evidence of contamination is encountered during the proposed development, it is recommended that the advice of a suitably experienced geo-environmental consultant should be sought.

5.2 Ground Gases

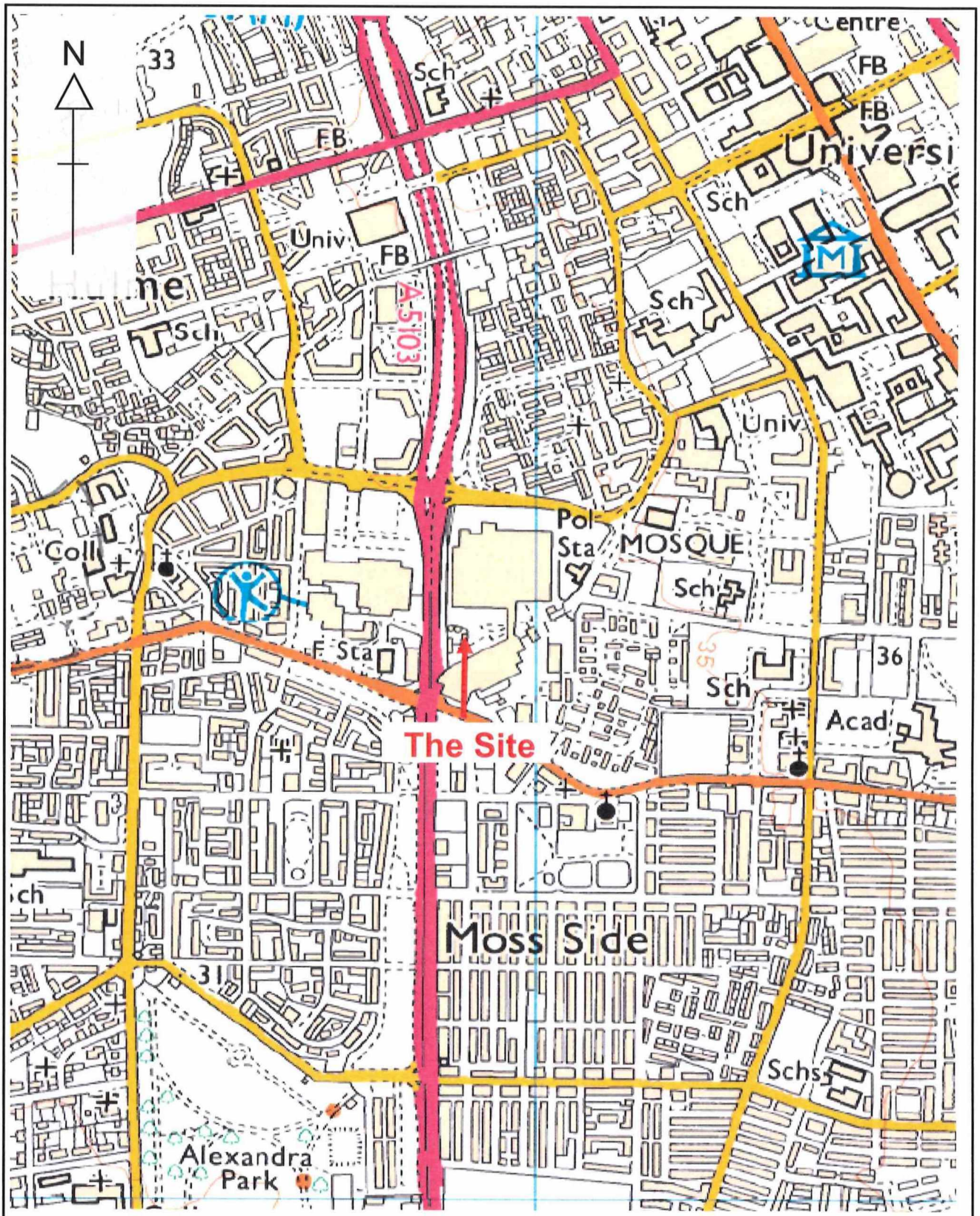
5.2.1 The desk study has identified a historical landfill 135m to the west of the site, which accepted inert and industrial waste. That historical landfill has the potential to generate concentrations of carbon dioxide and perhaps methane. As such, it is recommended that appropriate assessment and controls of atmospheres is undertaken during construction prior to any entry into any excavations, confined spaces, etc.

We trust the above report is suitable for your present requirements. Should you have any comments or queries, wish to discuss any of the above matters, or require any further assistance, please do not hesitate to contact us.

For & on behalf of Emcus Ltd.

Marcus Hanford, BSc (Hon's) P.Dip FGS
Technical Director

DRAWINGS



Drawing Title: **Site Location Plan**	**J1790/01**		
	Scale at A4: NTS		
Project: **CPH Plant, Royal Brewery, Manchester**	Drawn: MJH	Approved: MJH	
Client: **Norder Design Associates**	Date: 04/04/2019	Date: 04/04/2019	

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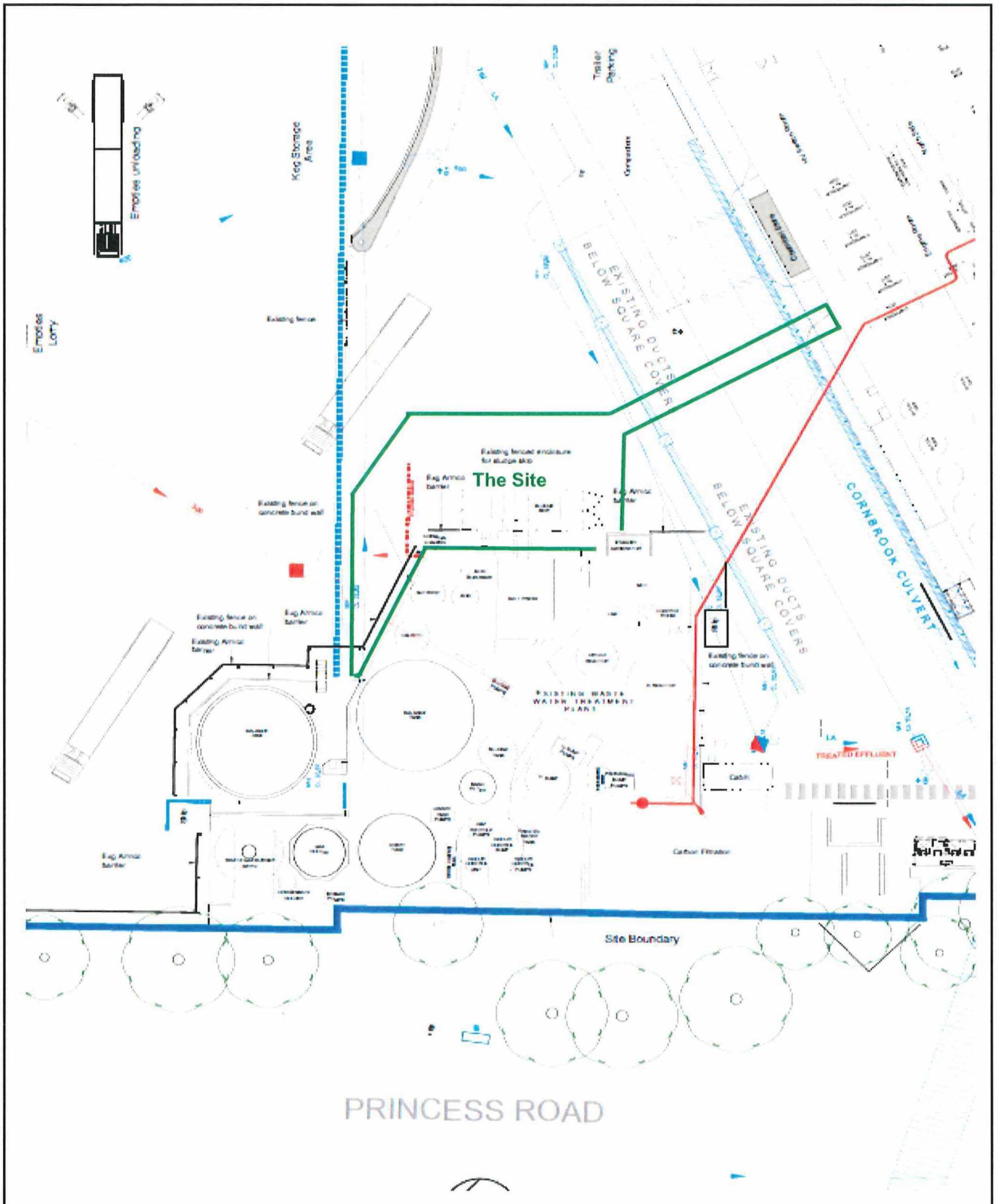

Drawing Title **Site Location Plan**		**J1790/01**	
		Scale at A4: NTS	
Project **CPH Plant, Royal Brewery, Manchester**		Drawn MJH	Approved MJH
Client **Norder Design Associates**		Date 04/04/2019	Date 04/04/2019

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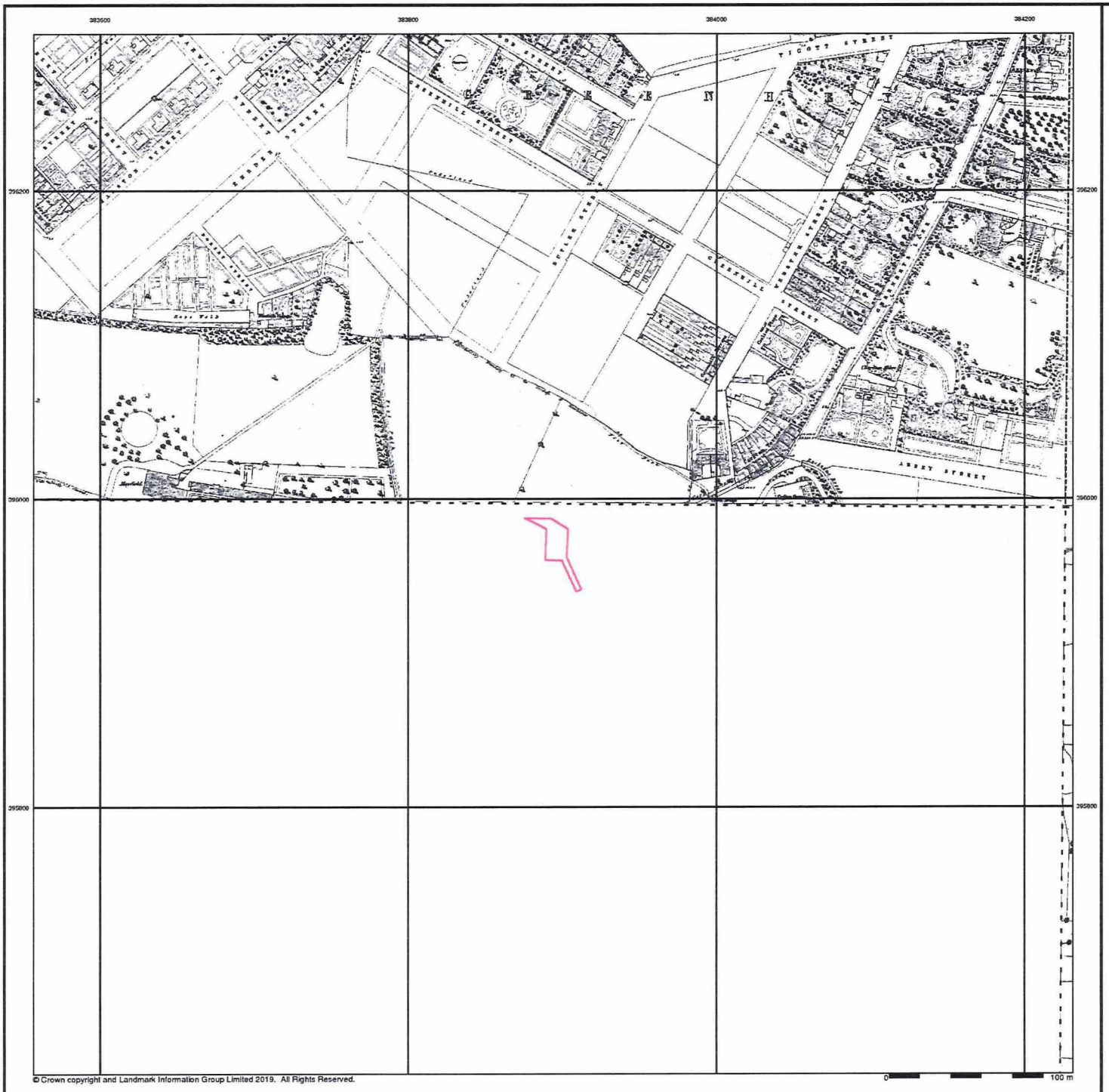
APPENDICES

Appendix A

'Landmark' Historical Maps



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Envirocheck®

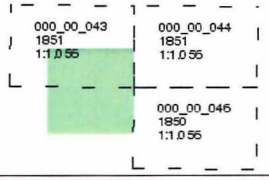
LANDMARK INFORMATION GROUP

Lancashire And Furness
Published 1850 - 1851
Source map scale - 1:1,056

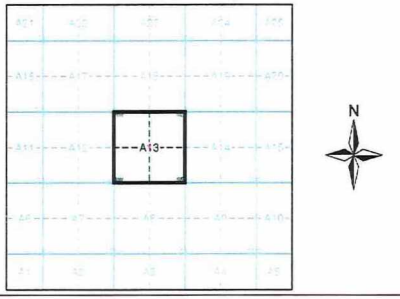
The 1:1056 scale of Ordnance Survey mapping was adopted from Ireland in 1848 and was used to survey towns with a population of over 4000, plus county towns of lesser population, in those counties mapped at the six-inch scale in 1841-55. The scale was the largest scale at which London was mapped by the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

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

Map Name(s) and Date(s)



Historical Town Plan - Segment A13



Order Details

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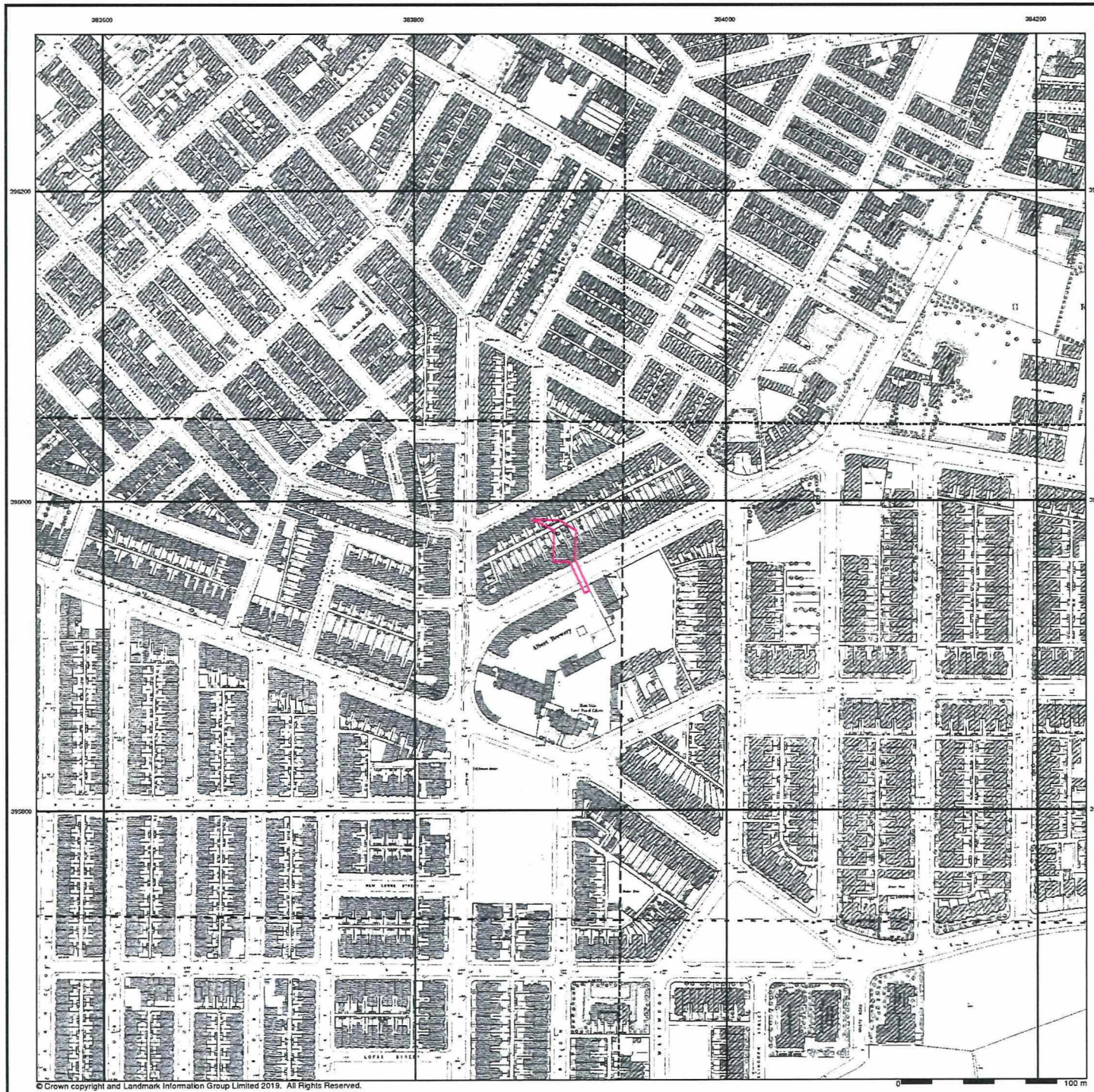
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	0

Site Details

CHP Plant, Brewery, Denmark Road, MANCHESTER, M15 6LD

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



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Envirocheck®

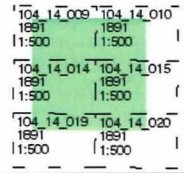
LANDMARK INFORMATION GROUP

Lancashire And Furness
Published 1891
Source map scale - 1:500

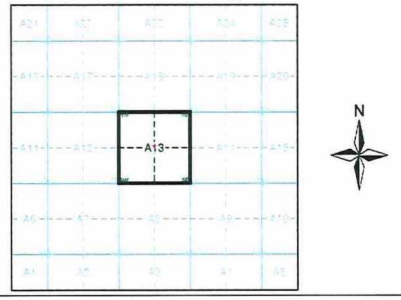
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to compliment the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped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

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

Map Name(s) and Date(s)



Historical Town Plan - Segment A13



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Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	0

Site Details

CHP Plant, Brewery, Denmark Road, MANCHESTER, M15 6LD

Landmark INFORMATION GROUP

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

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Electricity Transmission Line
Sloping Masonry
Pole
Cutting
Embankment
Standard Gauge Multiple Track
Standard Gauge Single Track
Road Under
Road Over
Level Crossing
Foot Bridge
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

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

1:10,000 Raster Mapping

Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m Bench mark (where shown)
Triangulation station
Point feature (e.g. Guide Post or Mile Stone)
Pylon, flare stack or lighting tower
Site of (antiquity)
Glasshouse
General Building
Important Building

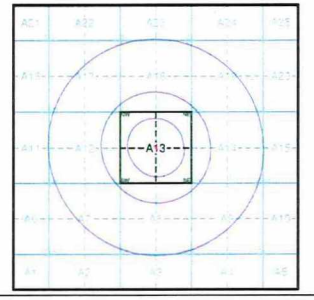
Envirocheck®

LANDMARK INFORMATION GROUP®

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Cheshire	1:10,560	1882	4
Lancashire And Furness	1:10,560	1894 - 1896	5
Cheshire	1:10,560	1899	6
Lancashire And Furness	1:10,560	1908 - 1909	7
Cheshire	1:10,560	1911	8
Lancashire And Furness	1:10,560	1923	9
Lancashire And Furness	1:10,560	1932 - 1934	10
Lancashire And Furness	1:10,560	1938	11
Cheshire	1:10,560	1938	12
Ordnance Survey Plan	1:10,000	1955 - 1956	13
Ordnance Survey Plan	1:10,000	1965 - 1968	14
Ordnance Survey Plan	1:10,000	1972 - 1976	15
Manchester	1:25,000	1975	16
Ordnance Survey Plan	1:10,000	1980 - 1985	17
Ordnance Survey Plan	1:10,000	1985 - 1989	18
Ordnance Survey Plan	1:10,000	1989	19
Ordnance Survey Plan	1:10,000	1990 - 1994	20
10K Raster Mapping	1:10,000	1999	21
10K Raster Mapping	1:10,000	2006	22
VectorMap Local	1:10,000	2019	23

Historical Map - Slice A



Order Details

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National Grid Reference: 383900, 395970
Slice: A
Site Area (Ha): 0.05
Search Buffer (m): 1000

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CHP Plant, Brewery, Denmark Road, MANCHESTER, M15 6LD

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

Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale

- Government and Administrative Buildings
- Military and Industrial Buildings
- Military and Communication Areas
- Subway Entrance
- Fireproof Building
- Prominent Fireproof Building
- Non-fireproof Building
- Non-fireproof Building (non-dwelling)
- Factory, mill, and flour mill, with chimneys
- Factory, mill, and flour mill, without chimneys
- Power Station, drawn to scale
- Hydroelectric Power Station
- Radio Station, drawn to scale
- Telephone Station, drawn to scale
- Abandoned Open-pit Mine or Quarry
- Open-pit Salt Mine
- Pit
- Oil Deposit or Well
- Oil Seepage
- Tailings Pile
- Fuel Storage Tanks
- Natural Gas Tank
- Bench Mark
- Drill Hole
- Burial Mound
- Triangulation Point on Burial Mound
- Single-track Railroad
- Double-track Railroad and Station Building
- Coniferous Forest
- Deciduous Forest
- Mixed Forest
- Lawns
- Citrus Orchard
- Wet Ground
- Scattered Vegetation

243,8 — Values for prominent elevations

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

0,2 — Velocity of the current, width of river bed, depth of river

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

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

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

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

- Government and Administrative Buildings
- Military and Industrial Buildings
- Military and Communication Areas
- Subway Entrance
- Partly Demolished Buildings
- Demolished Buildings
- Built-Up Area with Fireproof Buildings Predominant
- Built-Up Area with Non-Fireproof Buildings Predominant
- Individual Fireproof Building
- Prominent Industrial Building
- Individual Dwelling, Fireproof
- Ruins of an Individual Dwelling
- Factory or Mill Chimney
- Factory or Mill with Chimney
- Factory or Mill without Chimney
- Mine or Open Pit Mine
- Operating Shaft or Mine
- Non-Operating Shaft or Mine
- Salt Mine
- Tailings Pile
- Pit
- Stone Quarry
- Gas Pump or Service Station
- Fuel Storage or Natural Gas Tank
- Oil or Natural Gas Derrick
- Small Hydroelectric Power Station
- Power Station
- Transformer Station
- Cemetery
- Burial Mound (height in metres)
- Triangulation Point on Burial Mound
- Triangulation Point
- Bench Mark
- Bench Mark (monumented)
- Telegraph Office
- Telephone Station
- Radio Station
- Radio Tower
- Airfield or Seaplane Base
- Landing Strip
- Main Highway
- Highway under Construction
- Improved Dirt Road (former truck road)
- Double-track Railroad with First Class Station
- Dismantled Railroad
- Railroad Under Construction
- Shore Embankment
- River or Ditch with Embankment
- Direction and velocity of current
- Well
- Water Reservoir or Rain Water Pit
- Spring
- Isobath with value
- Heavy (Index) Contour Line
- Contour Line and Value
- Half Contour Line
- Spot Elevation Value
- Coniferous
- Deciduous
- Mixed
- Scrub

Key to Numbers on Mapping

SJ89_Manchester

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

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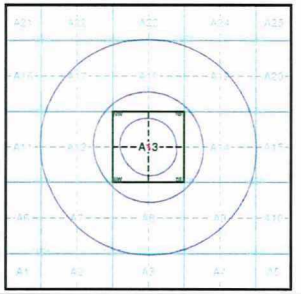
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Cheshire	1:10,560	1882	4
Lancashire And Furness	1:10,560	1894 - 1896	5
Cheshire	1:10,560	1899	6
Lancashire And Furness	1:10,560	1908 - 1909	7
Cheshire	1:10,560	1911	8
Lancashire And Furness	1:10,560	1923	9
Lancashire And Furness	1:10,560	1932 - 1934	10
Lancashire And Furness	1:10,560	1938	11
Cheshire	1:10,560	1938	12
Ordnance Survey Plan	1:10,000	1955 - 1956	13
Ordnance Survey Plan	1:10,000	1965 - 1968	14
Ordnance Survey Plan	1:10,000	1972 - 1976	15
Manchester	1:25,000	1975	16
Ordnance Survey Plan	1:10,000	1980 - 1985	17
Ordnance Survey Plan	1:10,000	1985 - 1989	18
Ordnance Survey Plan	1:10,000	1989	19
Ordnance Survey Plan	1:10,000	1990 - 1994	20
10K Raster Mapping	1:10,000	1999	21
10K Raster Mapping	1:10,000	2006	22
VectorMap Local	1:10,000	2019	23

Russian Map - Slice A



Order Details

Order Number: 199007636_1_1
Customer Ref: J1790
National Grid Reference: 383900, 395970
Slice: A
Site Area (Ha): 0.05
Search Buffer (m): 1000

Site Details

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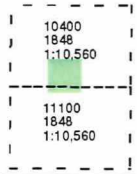
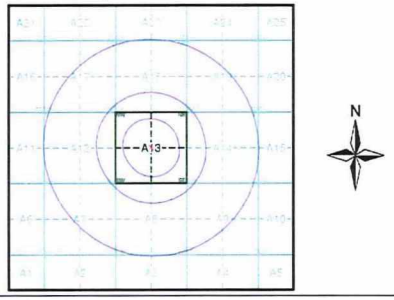


Historical Map - Slice A



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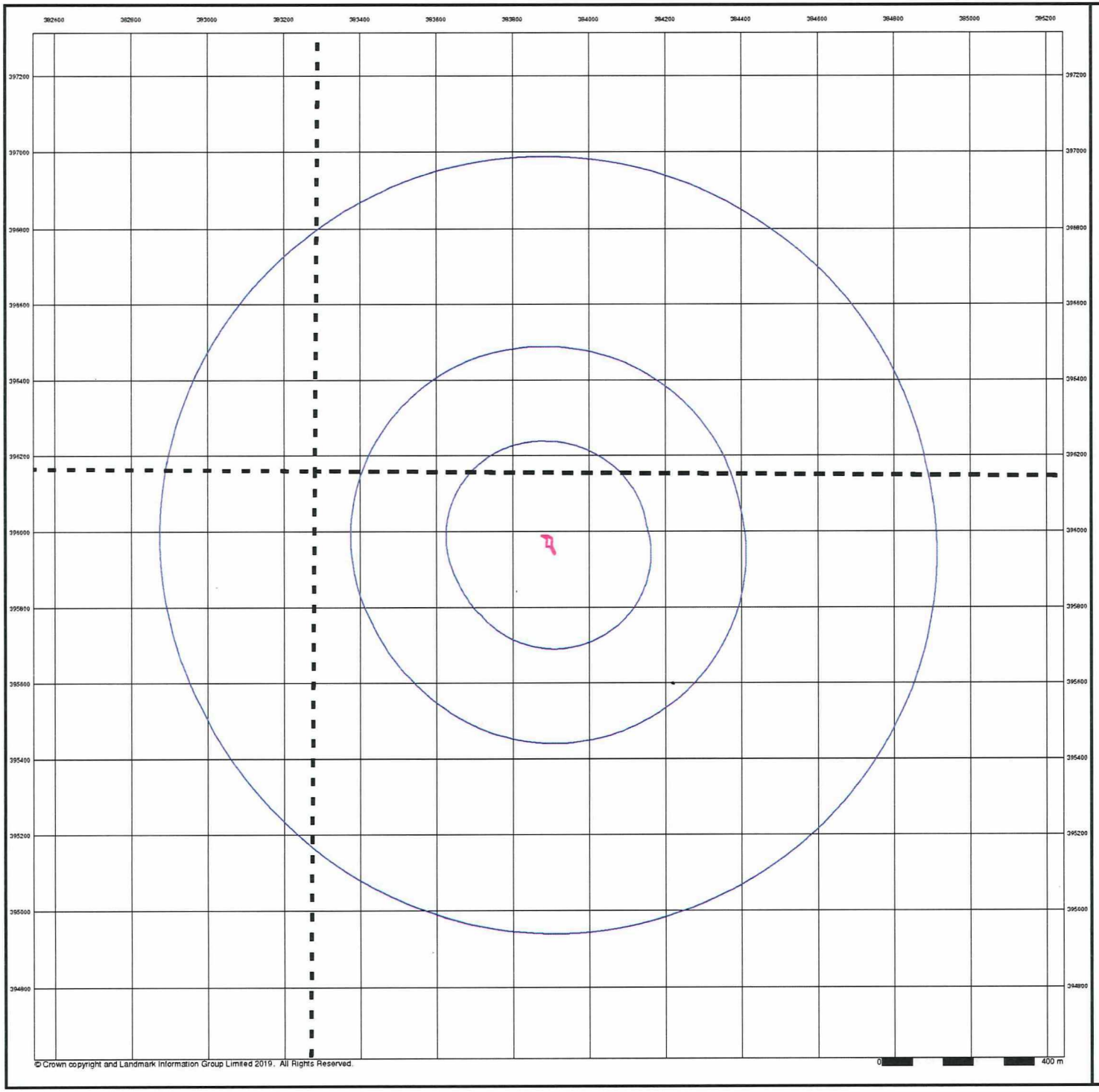

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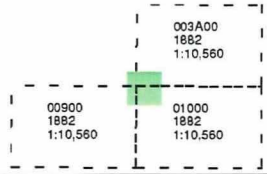
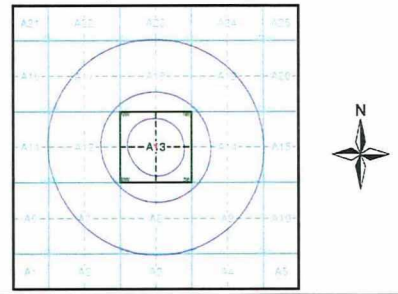


Historical Map - Slice A



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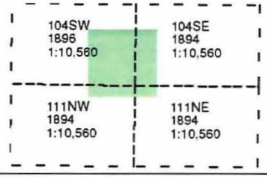
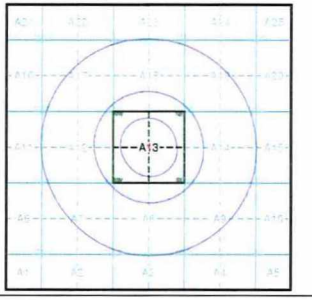


Historical Map - Slice A



Order Details

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Customer Ref:	J1790
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Slice:	A
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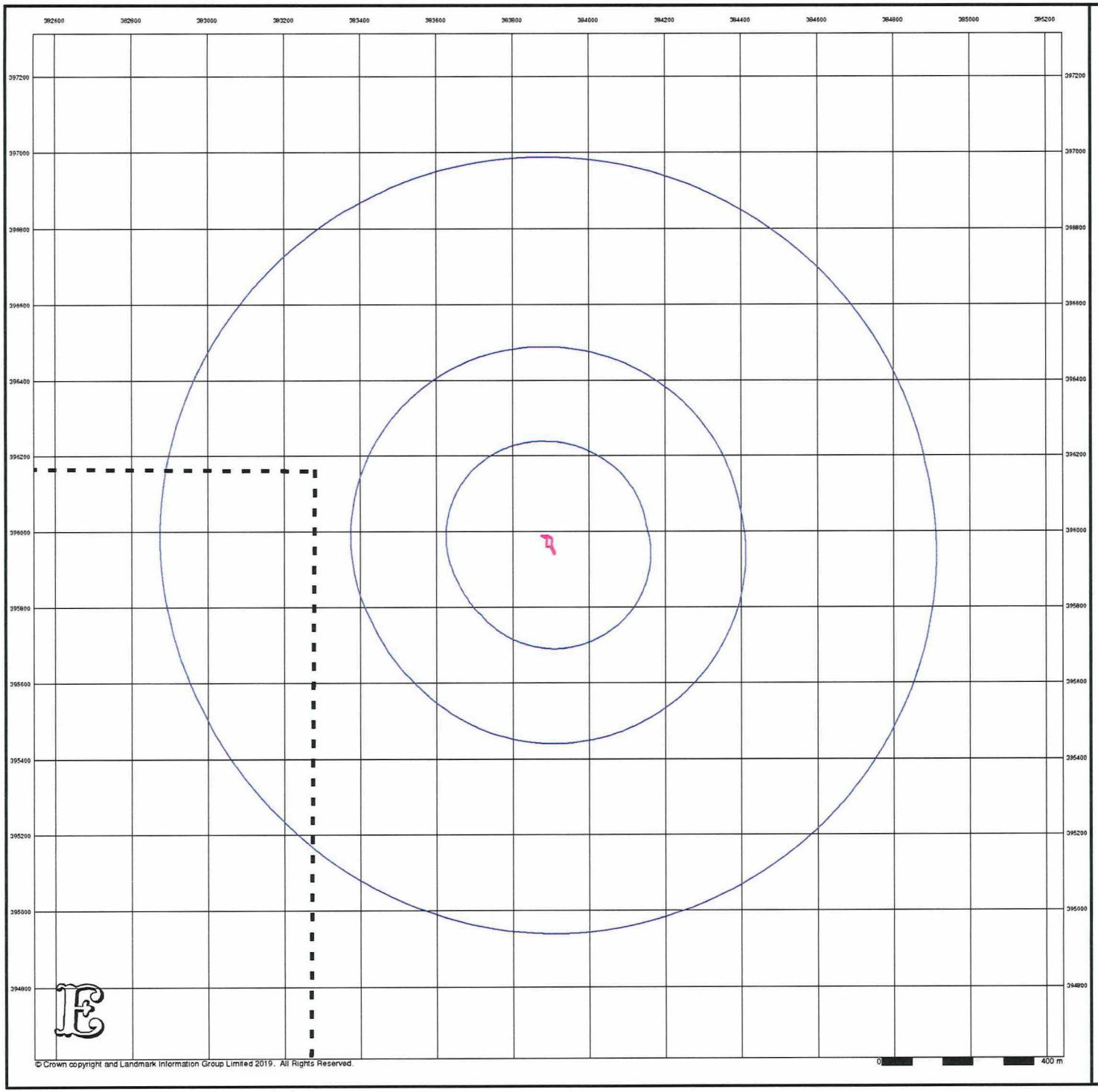

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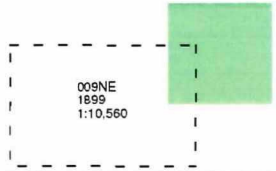
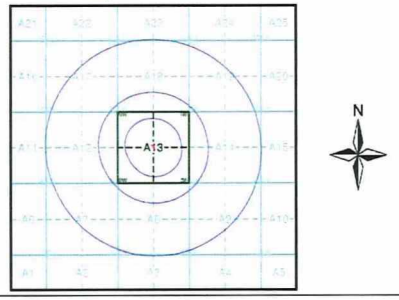


Historical Map - Slice A



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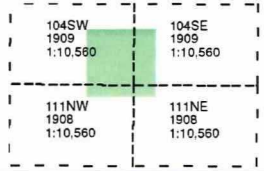
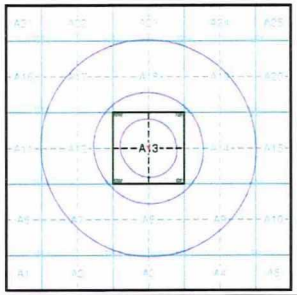


Historical Map - Slice A



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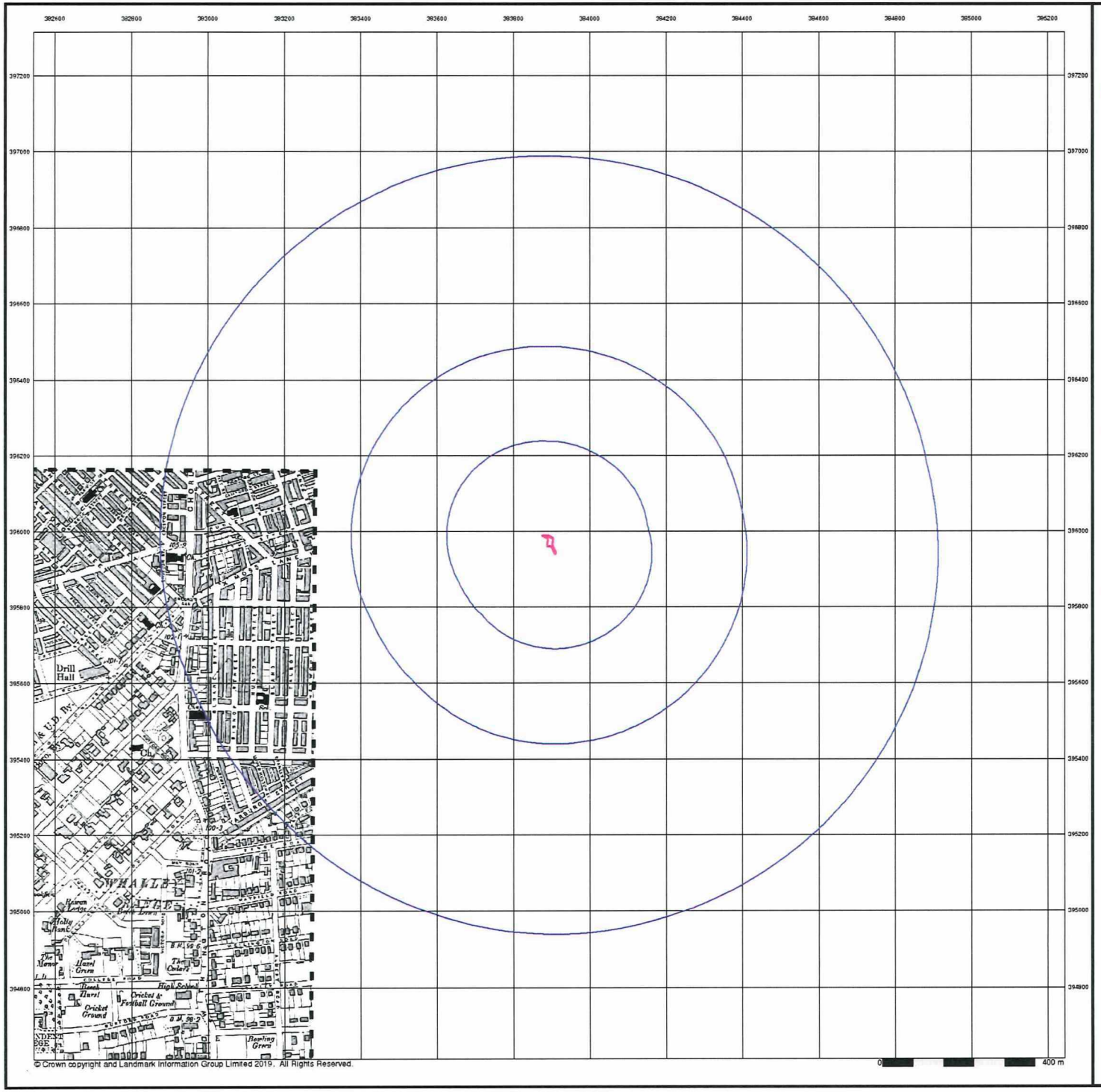

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Cheshire

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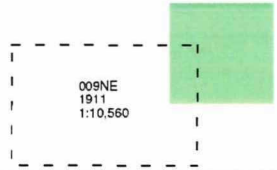
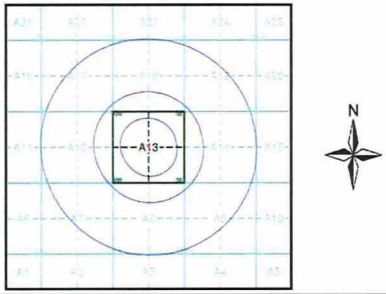


Historical Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
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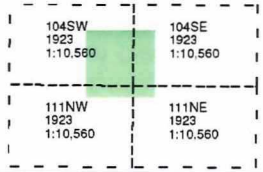
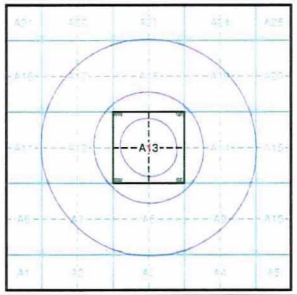


Historical Map - Slice A



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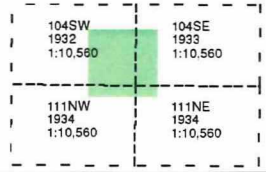
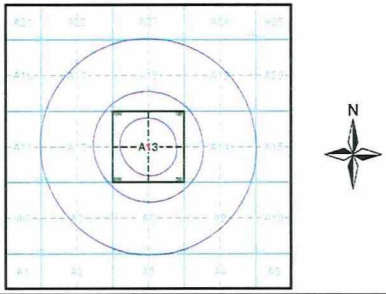


Historical Map - Slice A



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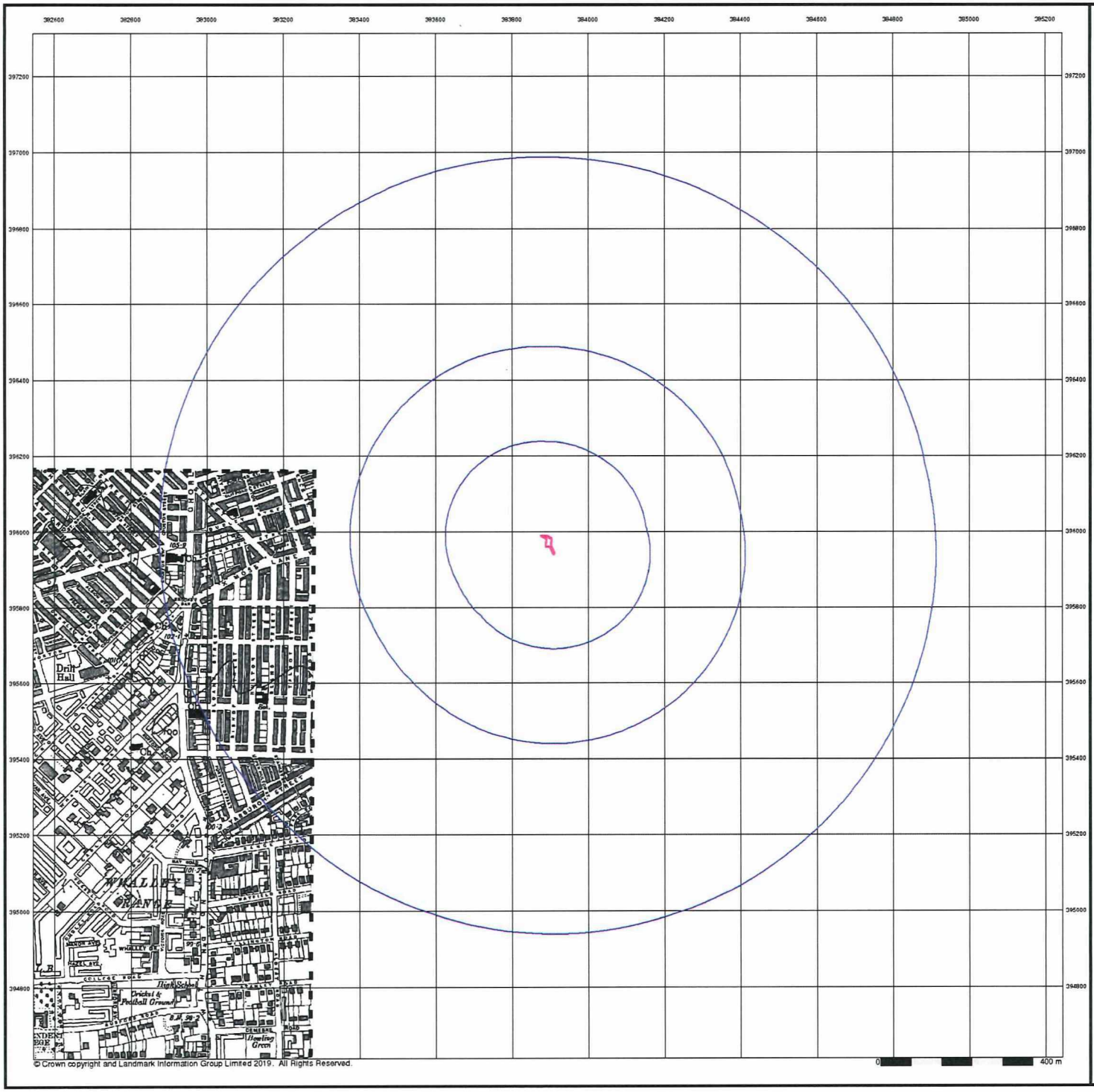
Fire Station
ST. ANDREW'S PARK
Swimming Bath
Drill Hall
Bowling Grn.
Bowling Greens
Whitworth Hospital
Recreation Ground
Playing Field
High School
Convent
R.C. COLLEGE
R.C. Church
Holy Trinity Church
Athletic Ground
PLATT FIELD
Recreation Ground
Play Ground
Bandstand
Fountain
Shelter
Shelters
Tennis Courts
Bowling Green
Pavilion
Refreshment Pavilion
Public Conveniences
Gymnasium
Gardener's Lodge
Gardener's Cottage
Ch.
Sch.
Vicarage
Presbytery
Convent
Drill Hall
Hospital
Institute
Library
Museum
Gallery
Baths
Laundry
Dispensary
Clinic
Nursery
Crematorium
Cemetery
Allotments
Sports Ground
Recreation Ground
Playing Field



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Cheshire

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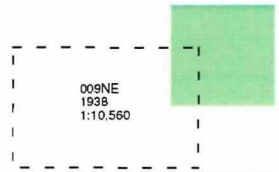
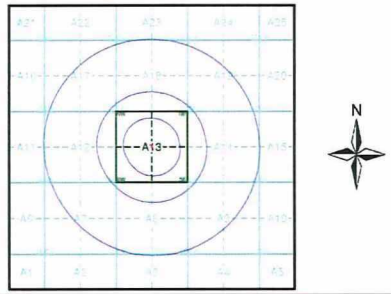
Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

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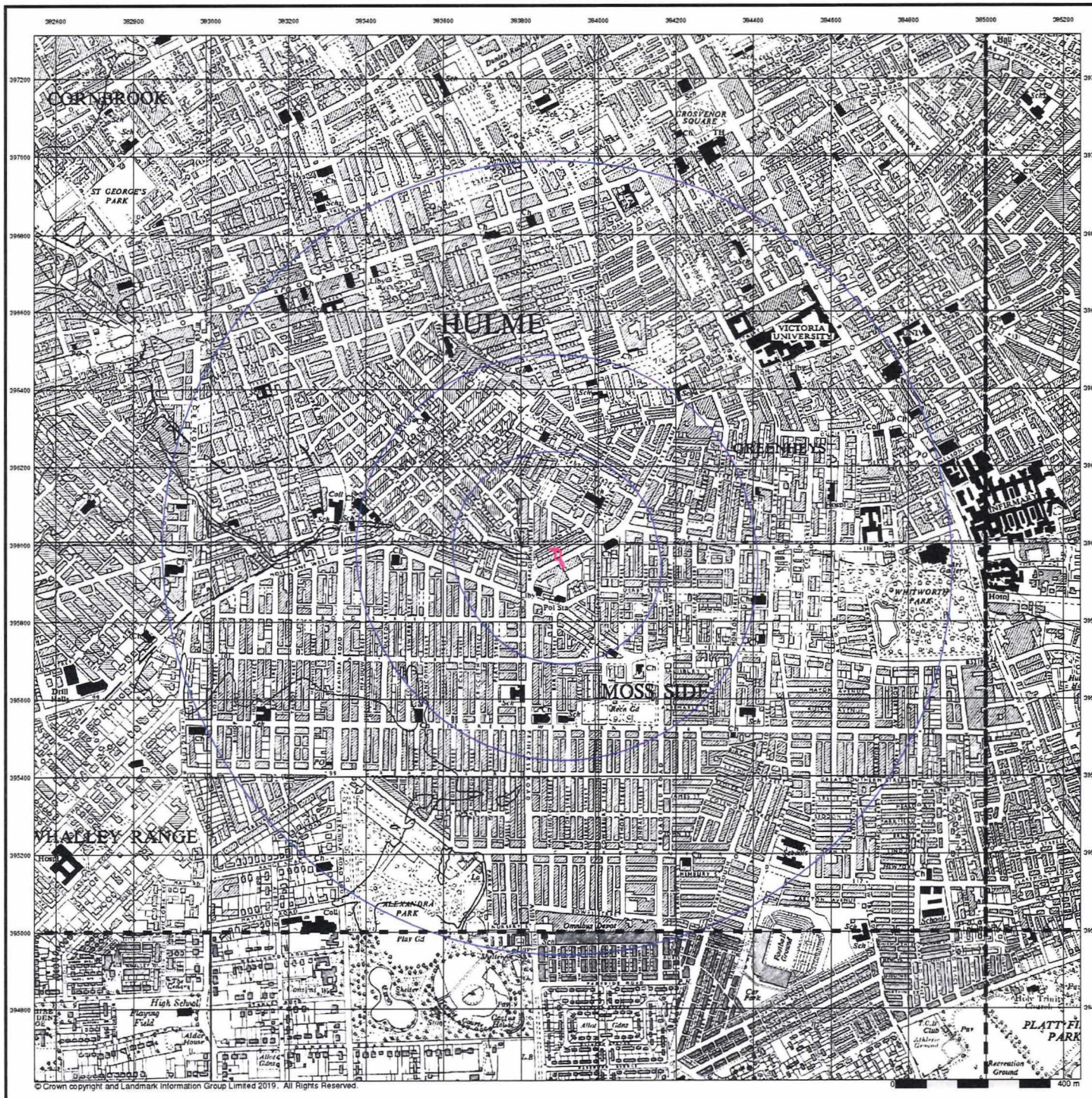

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Ordnance Survey Plan
Published 1955 - 1956
Source map scale - 1:10,000

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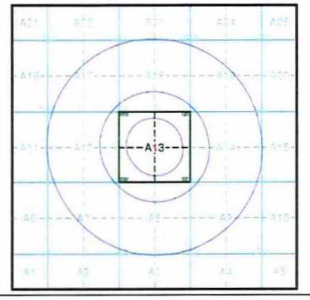
Map Name(s) and Date(s)

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

Historical Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

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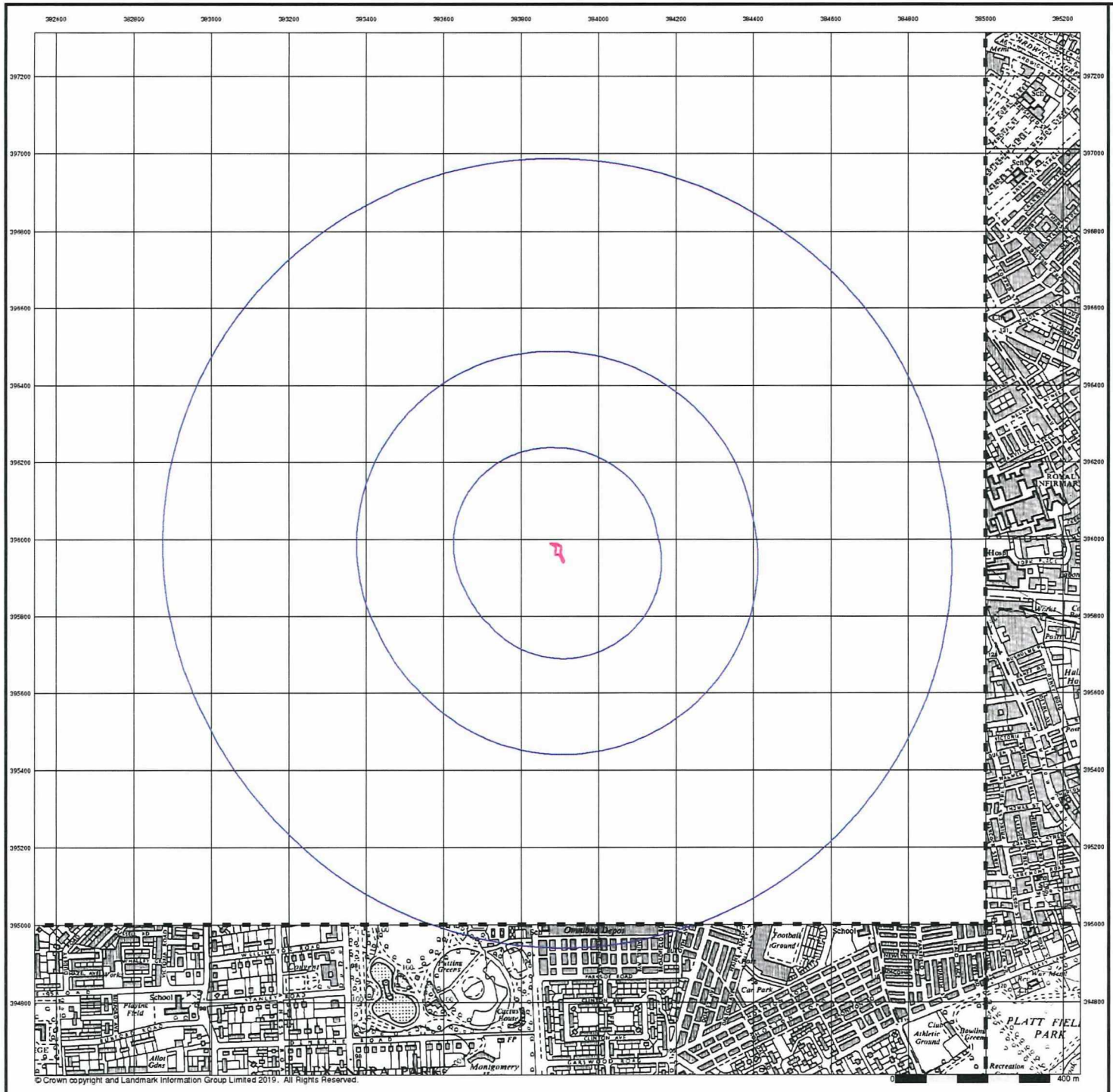

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Ordnance Survey Plan
Published 1965 - 1968
Source map scale - 1:10,000

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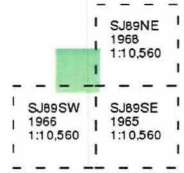
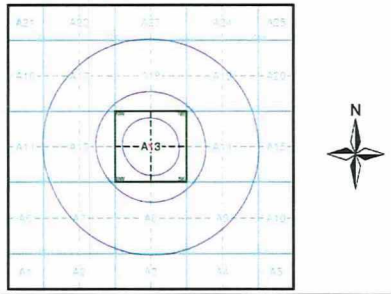
Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

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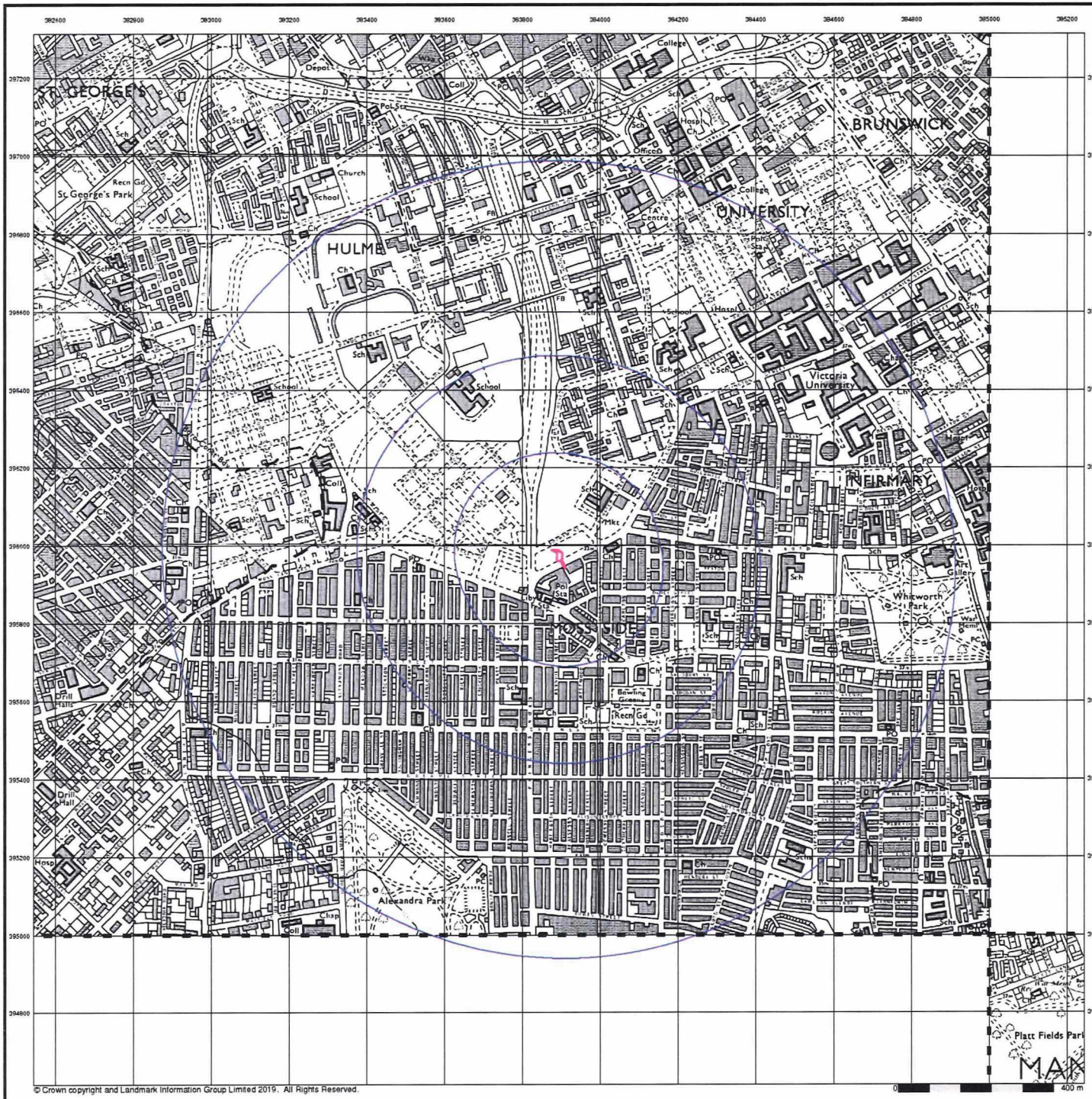

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Ordnance Survey Plan
Published 1972 - 1976
Source map scale - 1:10,000

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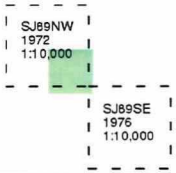
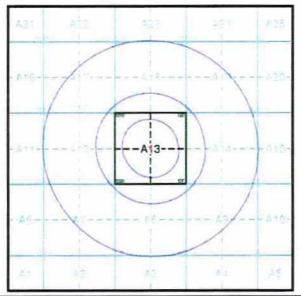
Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
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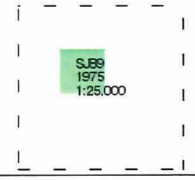
Manchester

Published 1975

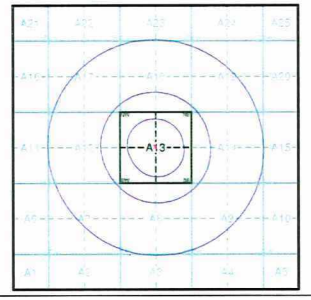
Source map scale - 1:25,000

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

Map Name(s) and Date(s)



Russian Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
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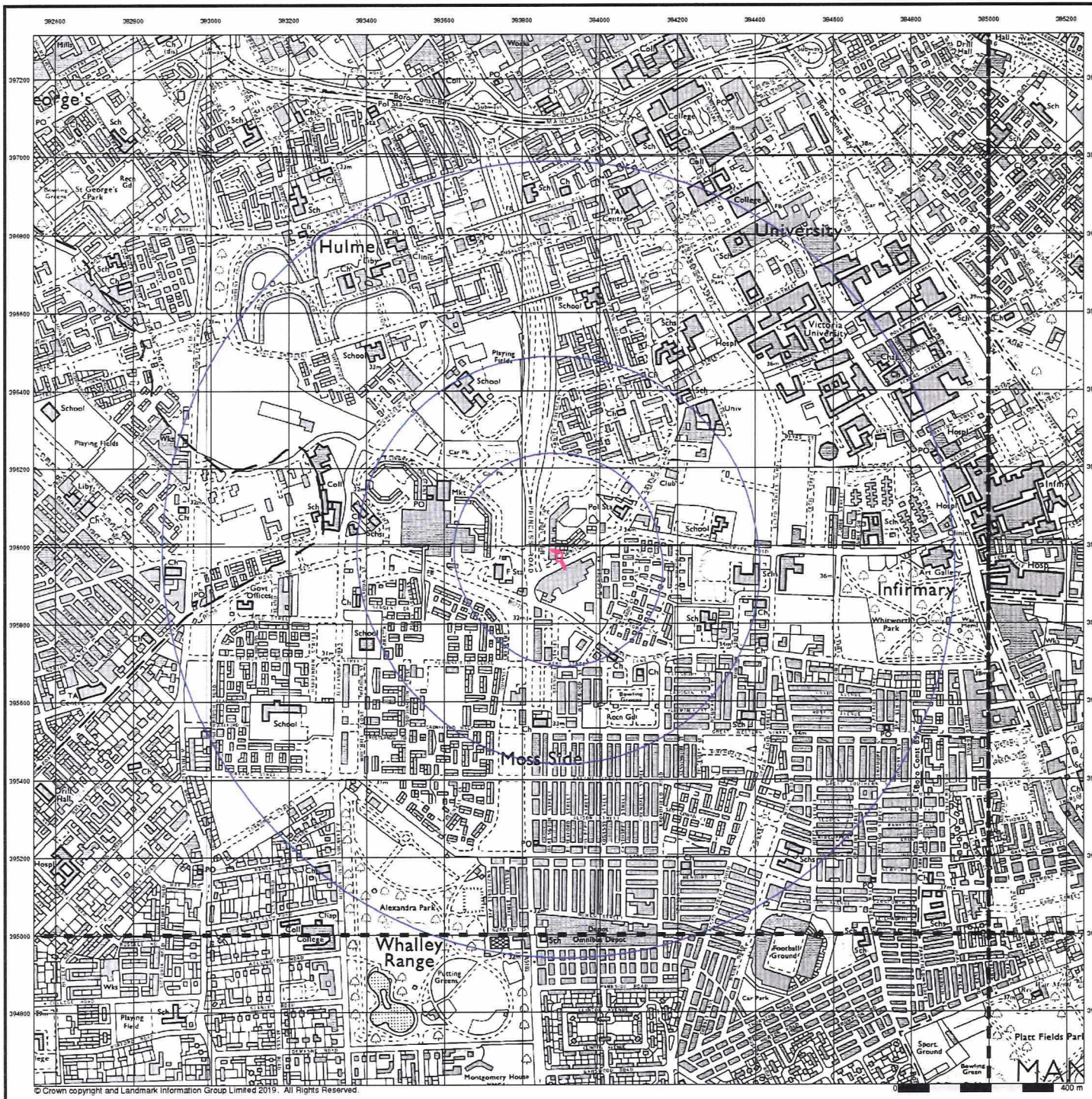

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Ordnance Survey Plan
Published 1980 - 1985
Source map scale - 1:10,000

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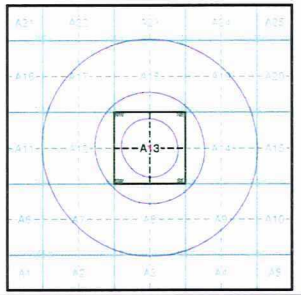
Map Name(s) and Date(s)

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

Historical Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

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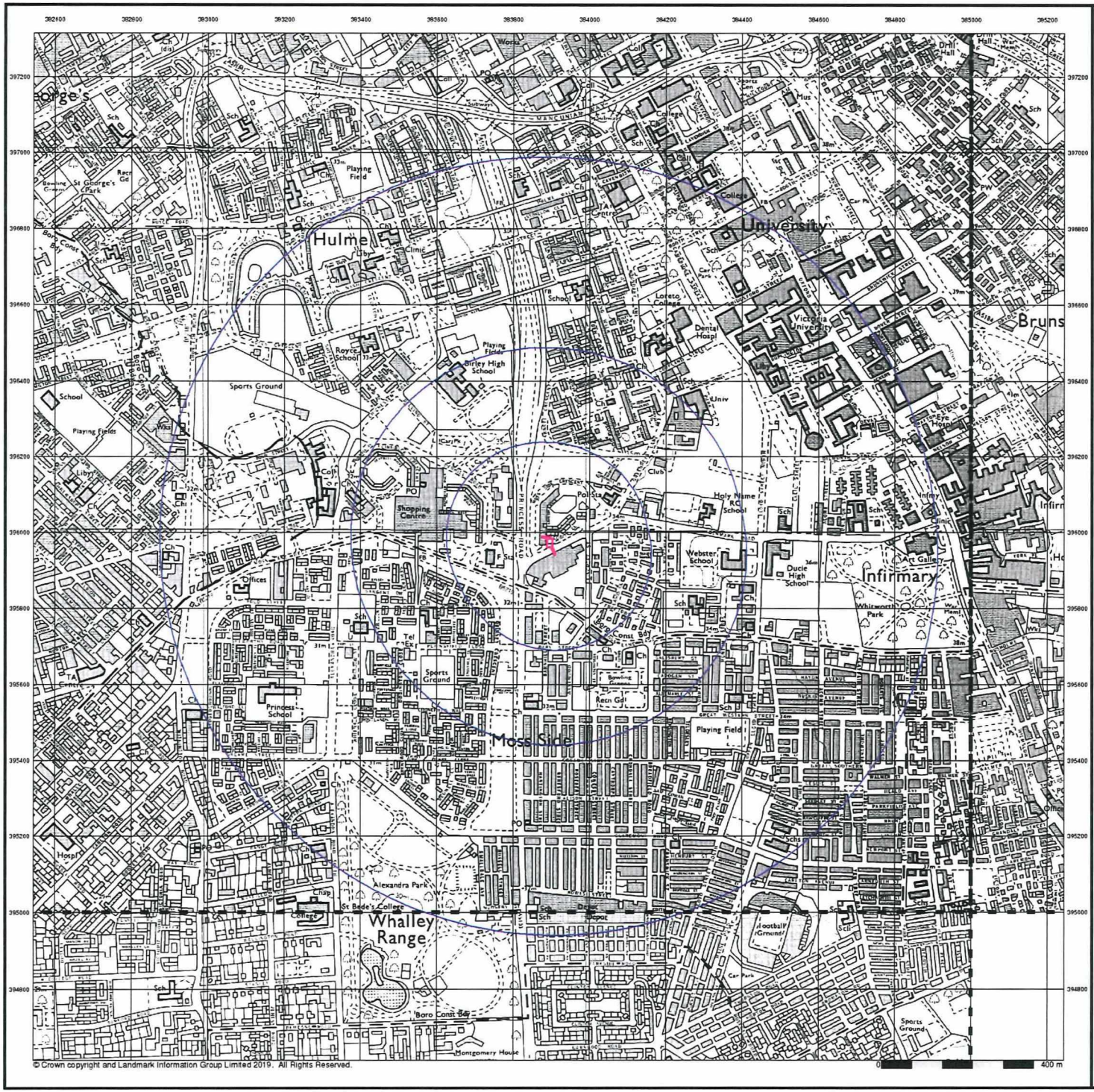

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Ordnance Survey Plan
Published 1985 - 1989
Source map scale - 1:10,000

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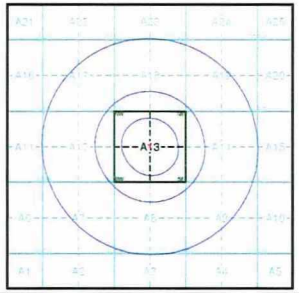
Map Name(s) and Date(s)

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

Historical Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

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Ordnance Survey Plan
Published 1989
Source map scale - 1:10,000

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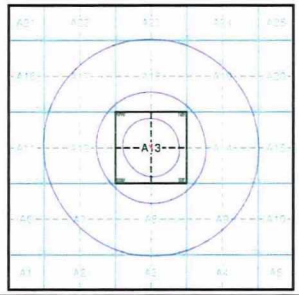
Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

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Ordnance Survey Plan
Published 1990 - 1994
Source map scale - 1:10,000

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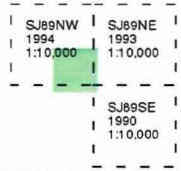
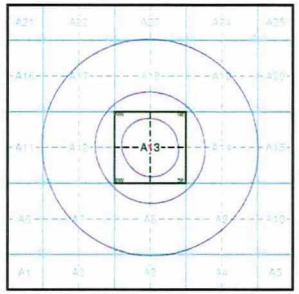
Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

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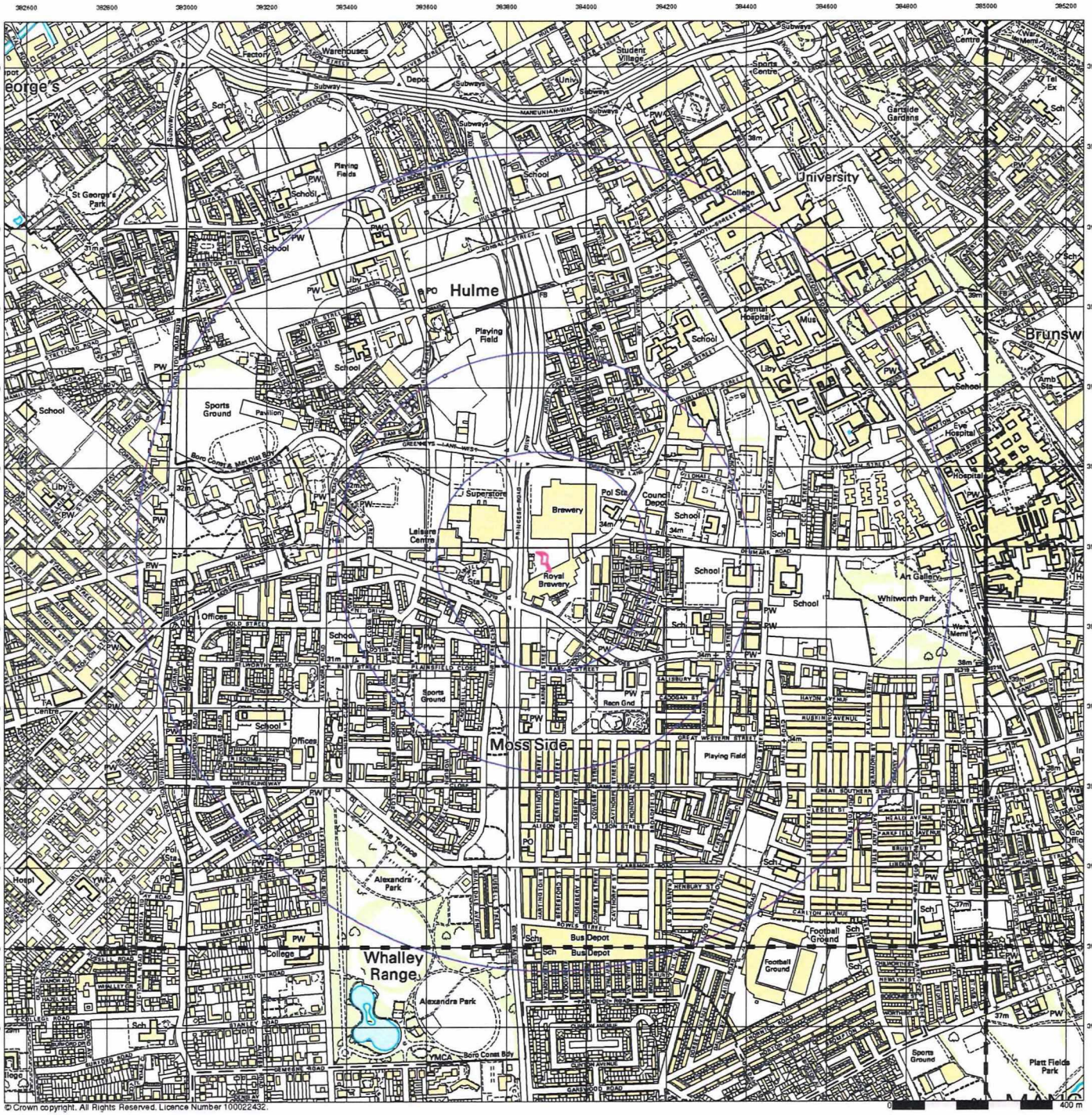

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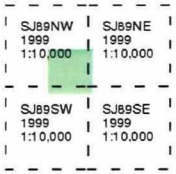
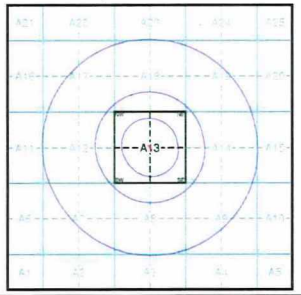
10k Raster Mapping
Published 1999
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

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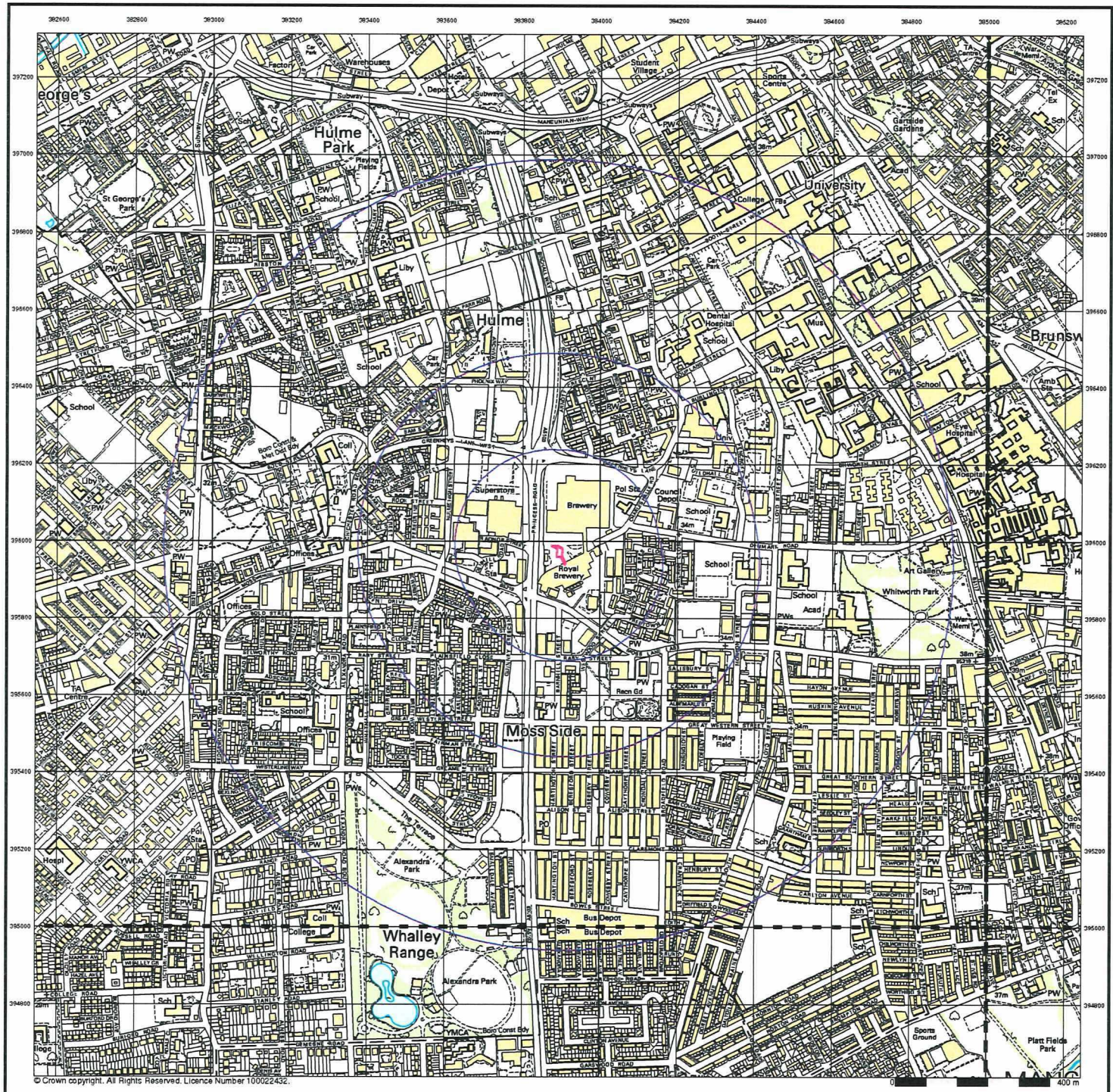

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10k Raster Mapping

Published 2006

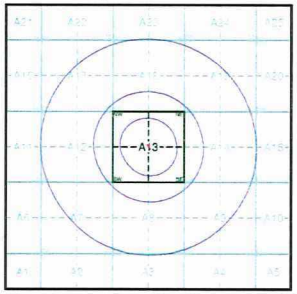
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

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

Historical Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
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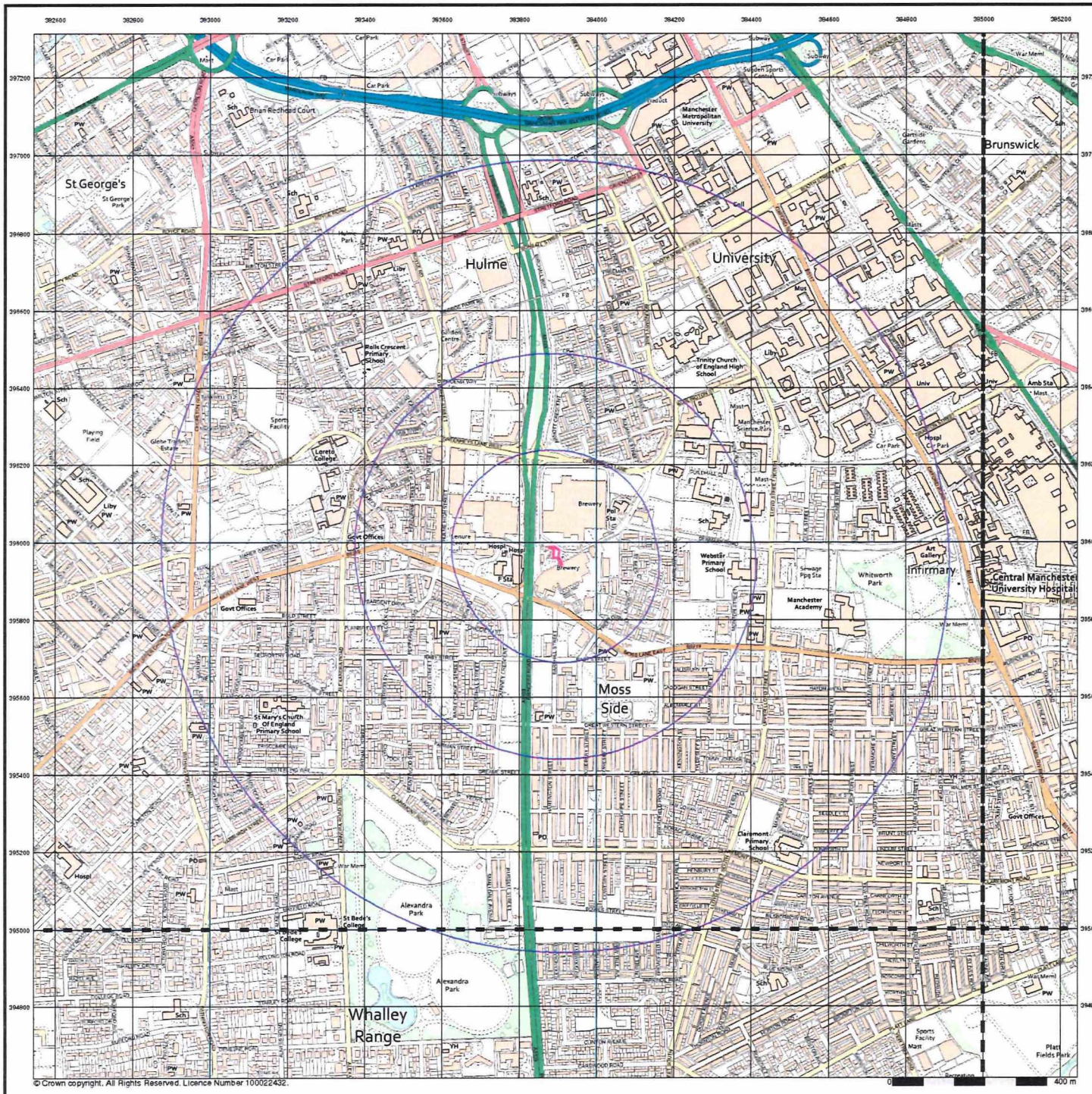

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VectorMap Local

Published 2019

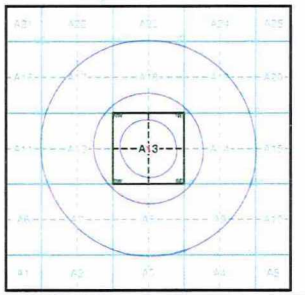
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

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

Historical Map - Slice A



Order Details

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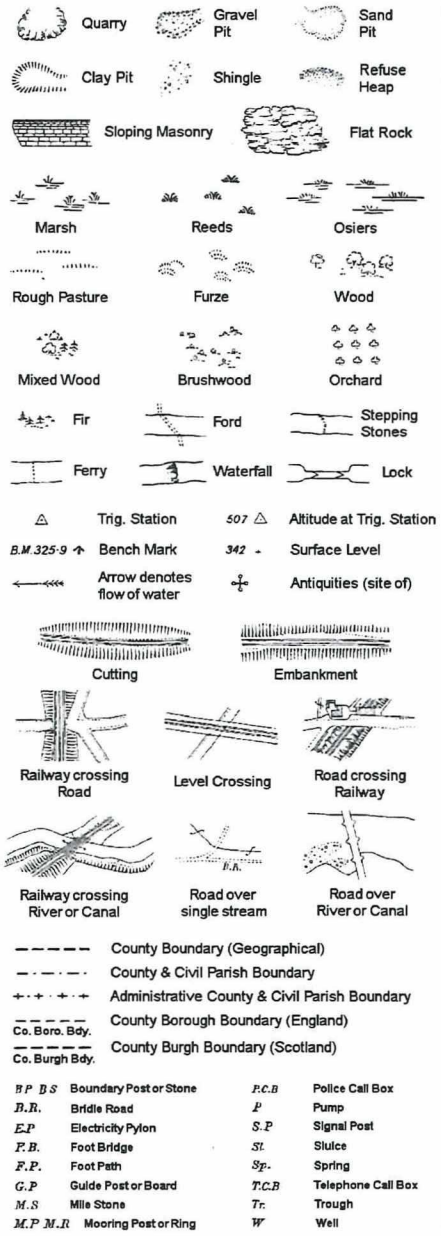
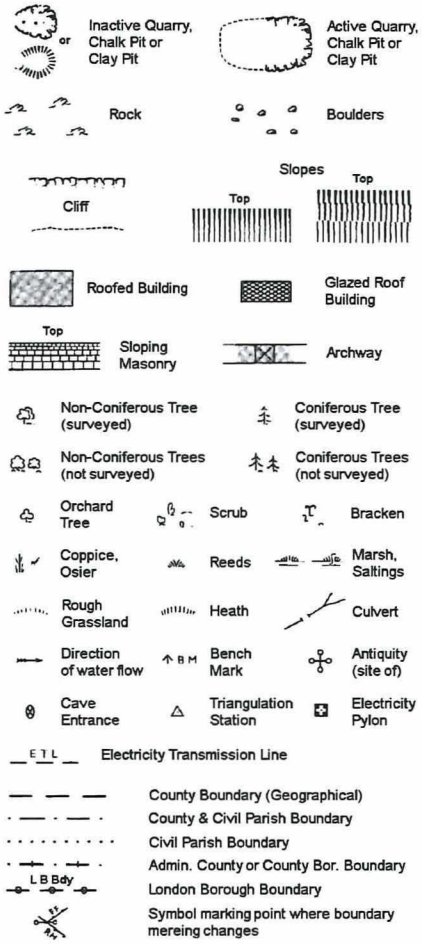
Historical Mapping Legends

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



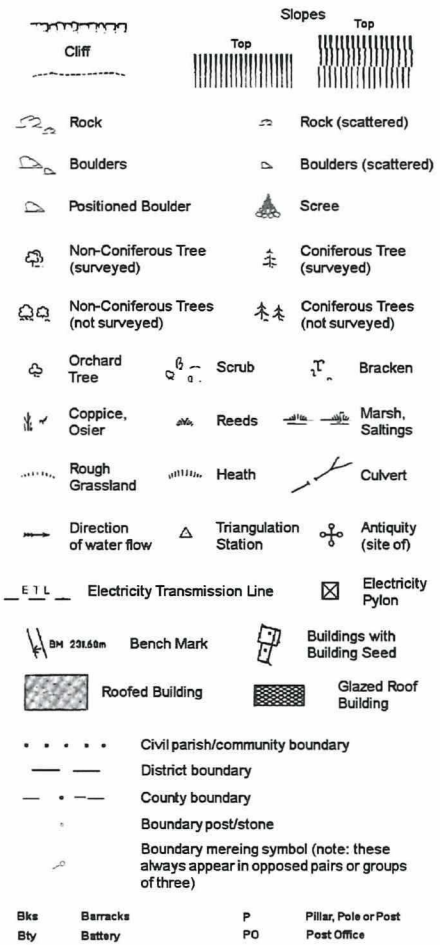
B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governor	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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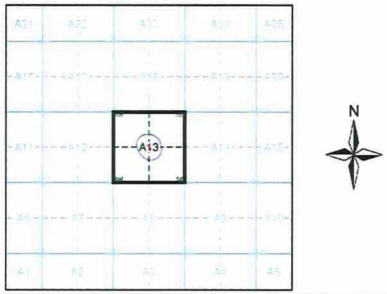
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1908	3
Lancashire And Furness	1:2,500	1932	4
Ordnance Survey Plan	1:1,250	1949 - 1950	5
Ordnance Survey Plan	1:2,500	1951	6
Ordnance Survey Plan	1:1,250	1951 - 1978	7
Ordnance Survey Plan	1:2,500	1955 - 1963	8
Ordnance Survey Plan	1:1,250	1964 - 1976	9
Supply of Unpublished Survey Information	1:1,250	1974 - 1976	10
Supply of Unpublished Survey Information	1:1,250	1977	11
Additional SIMs	1:1,250	1977 - 1985	12
Additional SIMs	1:1,250	1984 - 1989	13
Ordnance Survey Plan	1:1,250	1985	14
Additional SIMs	1:1,250	1988	15
Large-Scale National Grid Data	1:1,250	1992	16
Large-Scale National Grid Data	1:1,250	1993 - 1995	17
Large-Scale National Grid Data	1:1,250	1995	18
Large-Scale National Grid Data	1:1,250	1996	19
Historical Aerial Photography	1:2,500	2000	20

Historical Map - Segment A13



Order Details

Order Number: 199007636_1_1
Customer Ref: J1790
National Grid Reference: 383900, 395970
Slice: A
Site Area (Ha): 0.05
Search Buffer (m): 100

Site Details

CHP Plant, Brewery, Denmark Road, MANCHESTER, M15 6LD

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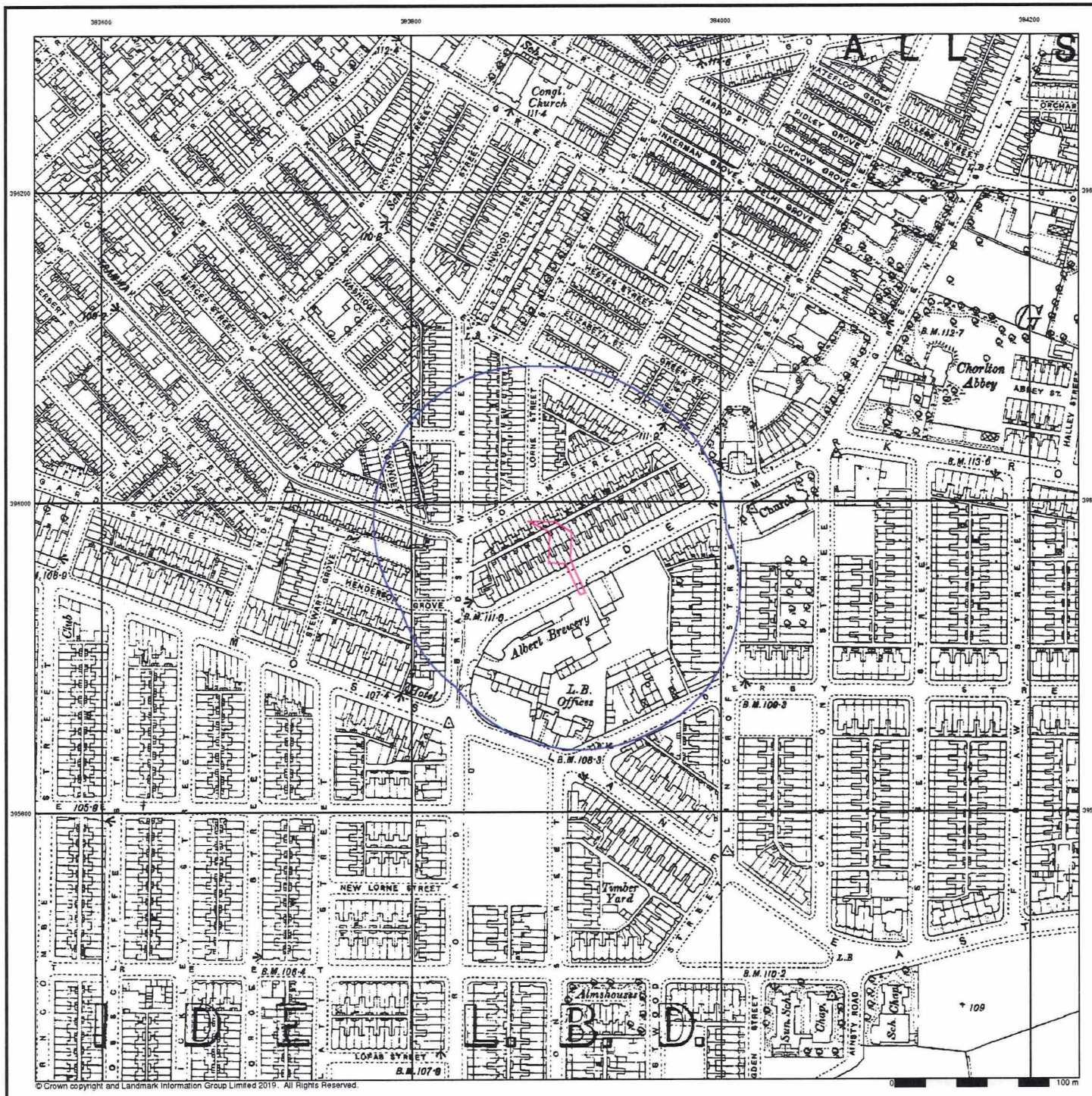

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Lancashire And Furness
Published 1893
Source map scale - 1:2,500

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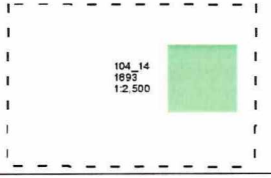
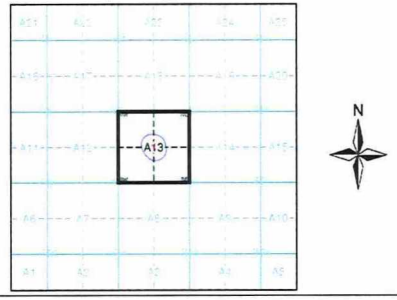
Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	199007636_1_1
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Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details

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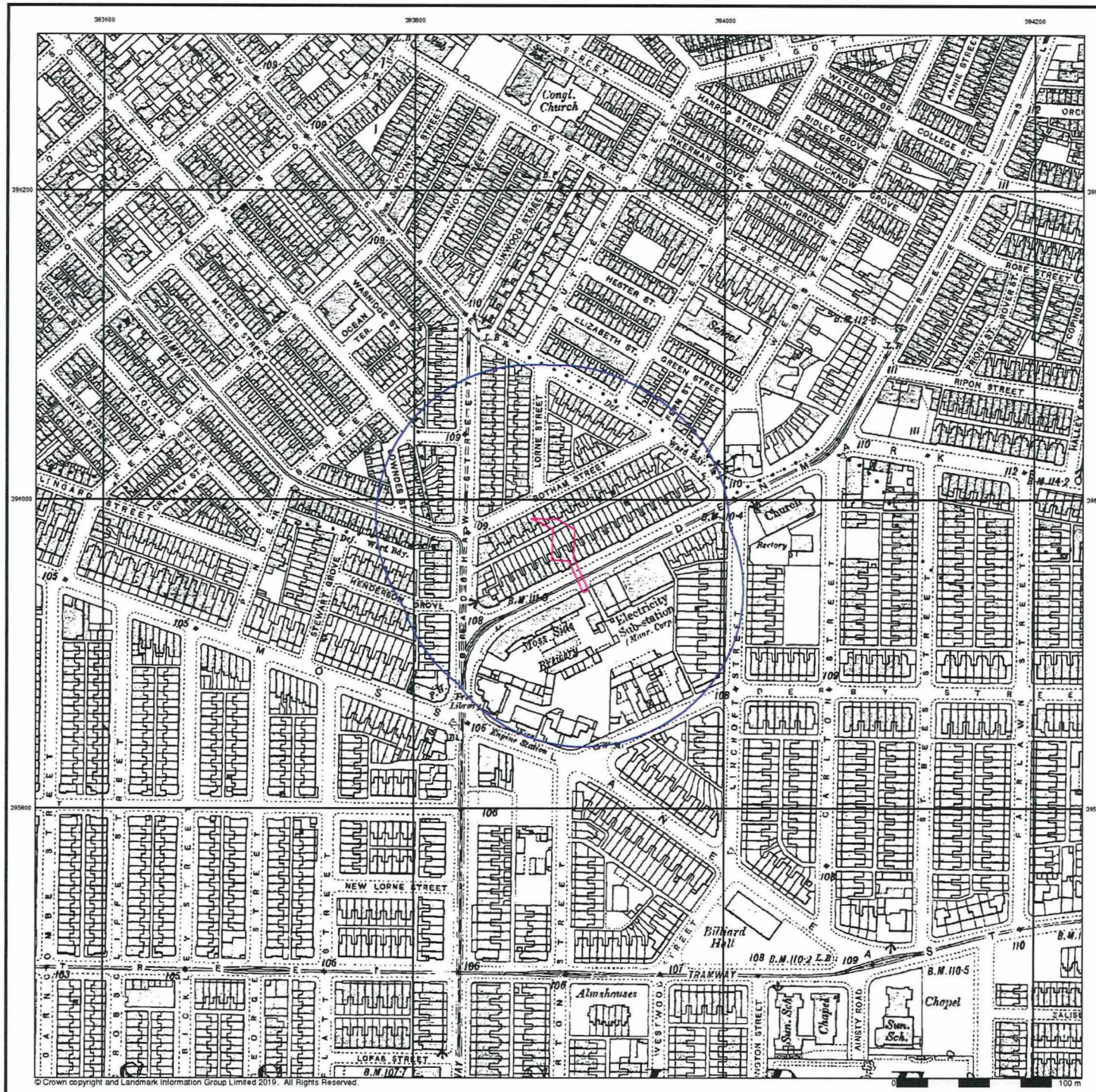

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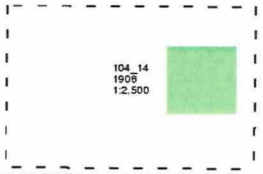
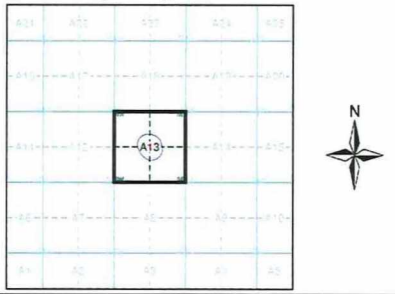


Historical Map - Segment A13



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

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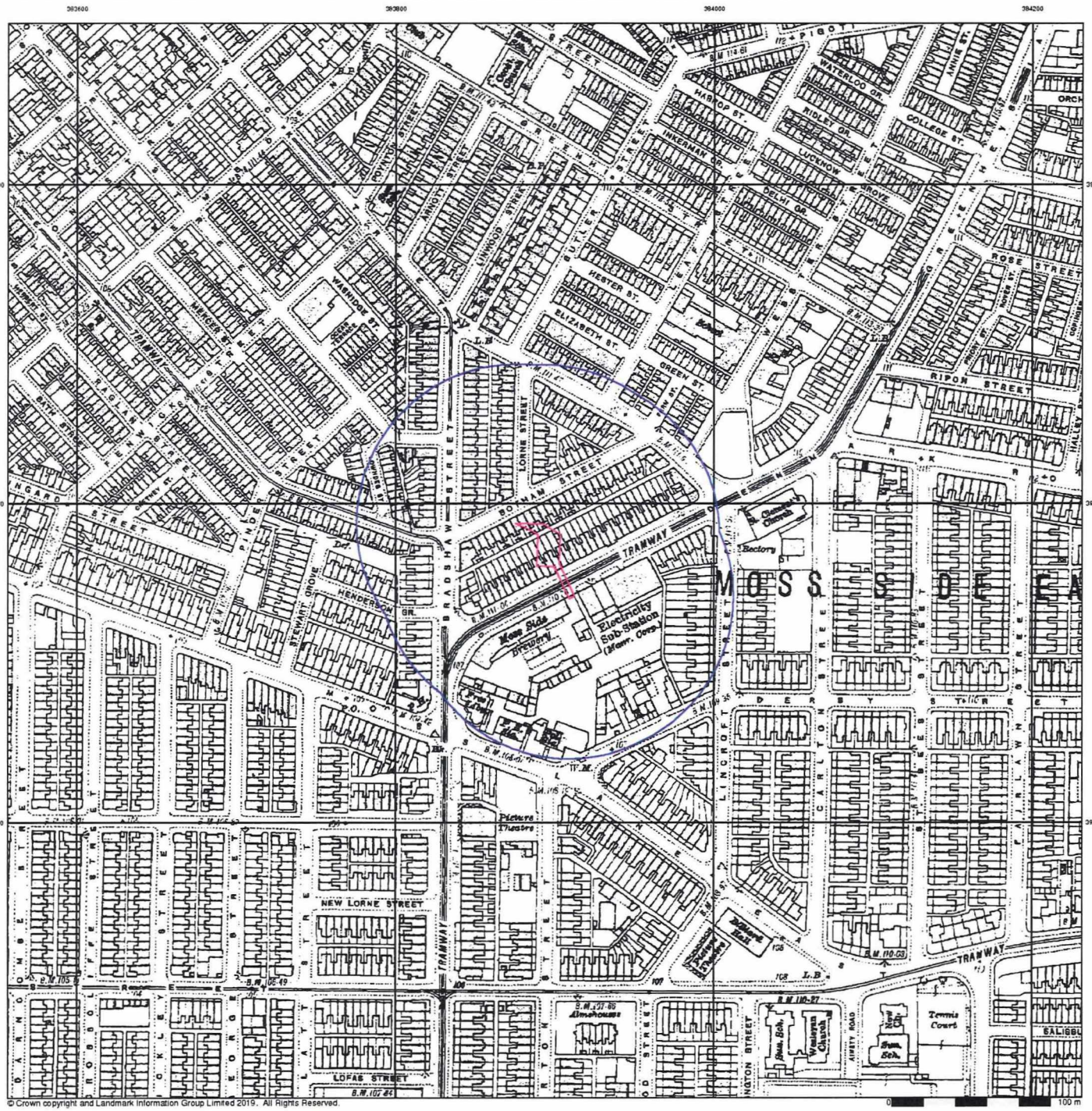

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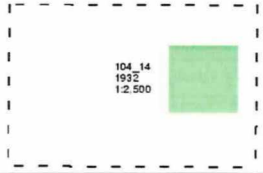
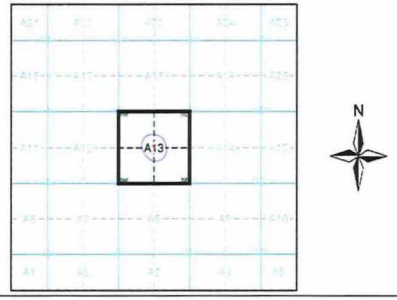
Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details

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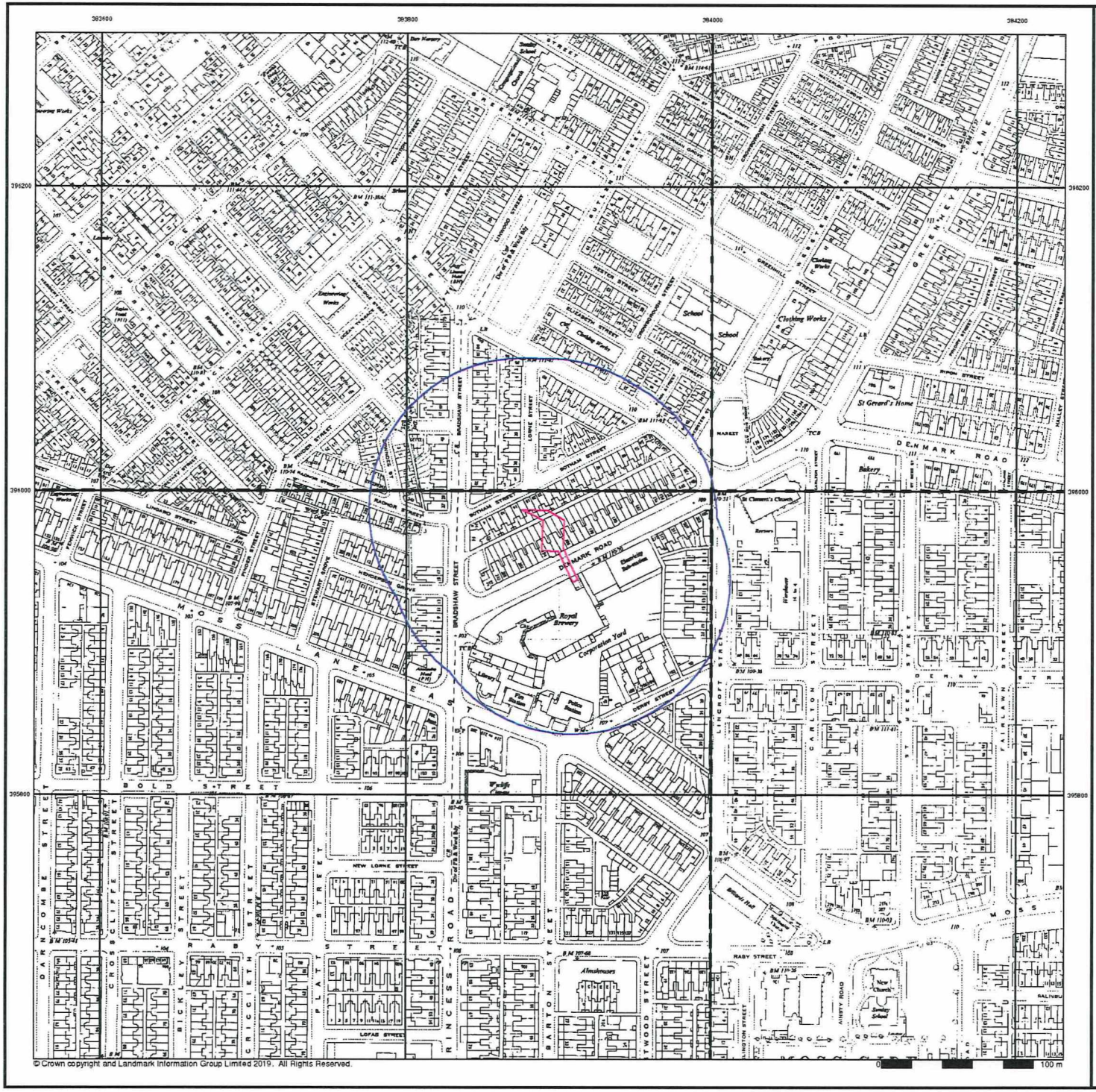
383600
383800
384000
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396200
396000
395800
DENMARK ROAD
MOSS LANE EAST
BOLD STREET
BRADSHAW STREET
LINCROFT STREET
CARLTON STREET
FAIRLAWN STREET
RABY STREET
NEW LORNE STREET
LOFAS STREET
RINCESS ROAD
BARTON STREET
ALBERT ROAD
School
Clothing Works
St Gerard's Home
Bakery
Royal Brewery
Corporation Yard
Library
Fire Station
Police Station
Almshouses
New Church
Sunday School
Bowling Green
Public House
Chapel
Works
Baths
Bridge
Tram Terminus
Bus Station
Market
Cemetery
Gas Works
Sewage Works
Refuse Destructor
Electricity Works
Engineering Works
Foundry
Warehouse
Hotel
Club
Institute
Church
Chapel
Mission
Vicarage
Rectory
Convent
Monastery
Hospital
Infirmary
Dispensary
Workhouse
Asylum
Prison
Barracks
Drill Hall
Fire Station
Police Station
Post Office
Telephone Exchange
Telegraph Office
Public Library
Museum
Art Gallery
Theatre
Cinema
Concert Hall
Music Hall
Dance Hall
Skating Rink
Swimming Pool
Gymnasium
Recreation Ground
Playing Field
Cricket Ground
Football Ground
Golf Course
Tennis Court
Bowling Green
Public House
Inn



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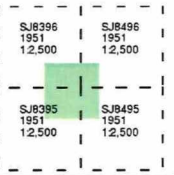
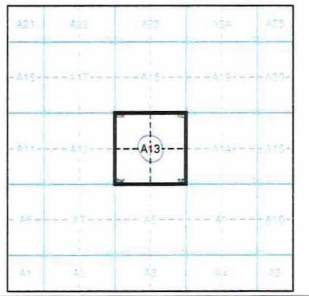
Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

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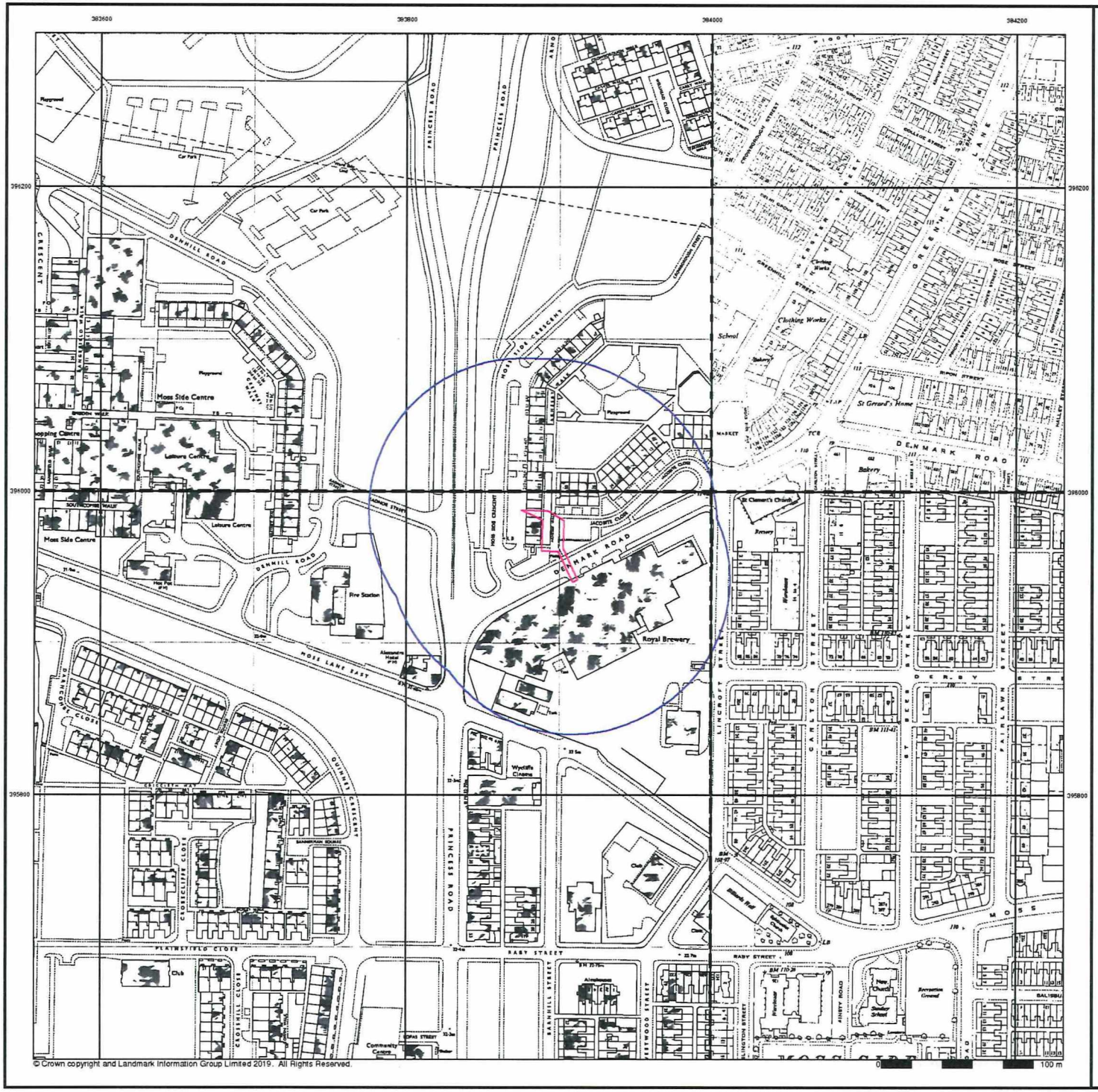
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396000
395800
Princess Road
Princess Road
Princess Road
Princess Road
Dennill Road
Dennill Road
Moss Lane East
Denmark Road
Denmark Road
Moss Side Centre
Leisure Centre
Fire Station
Royal Brewery
Wythfis Cinema
Raby Street
Raby Street
Clothing Works
School
St Gerard's Home
Bakery
Brewery
Recreation Ground
Community Centre
Club
Alexandra Hotel
Crescent
Close
Walk
Street
Road
Lane
Square
Court
Drive
Avenue
Gardens
Mews
Place
Grove
Hill
Park
Terrace
Bridge
Way
Yard
Hall
Tower
Works
Factory
Warehouse
Chapel
Church
Hospital
Infirmary
Surgery
Clinic
Library
Museum
Theatre
Cinema
Hotel
Inn
Public House
Restaurant
Cafe
Shop
Supermarket
Store
Garage
Petrol Station
Car Park
Playground
Sports Ground
Swimming Pool
Golf Course
Cemetery
Allotments
Nursery
Primary School
Secondary School
College
University
Police Station
Post Office
Telephone
Pillar Box
Bus Station
Railway Station
Tramway
Footbridge
Subway
Tunnel
Viaduct
Aqueduct
Weir
Lock
Canal
River
Stream
Pond
Lake
Reservoir
Sewage Works
Refuse Tip
Quarry
Pit
Mine
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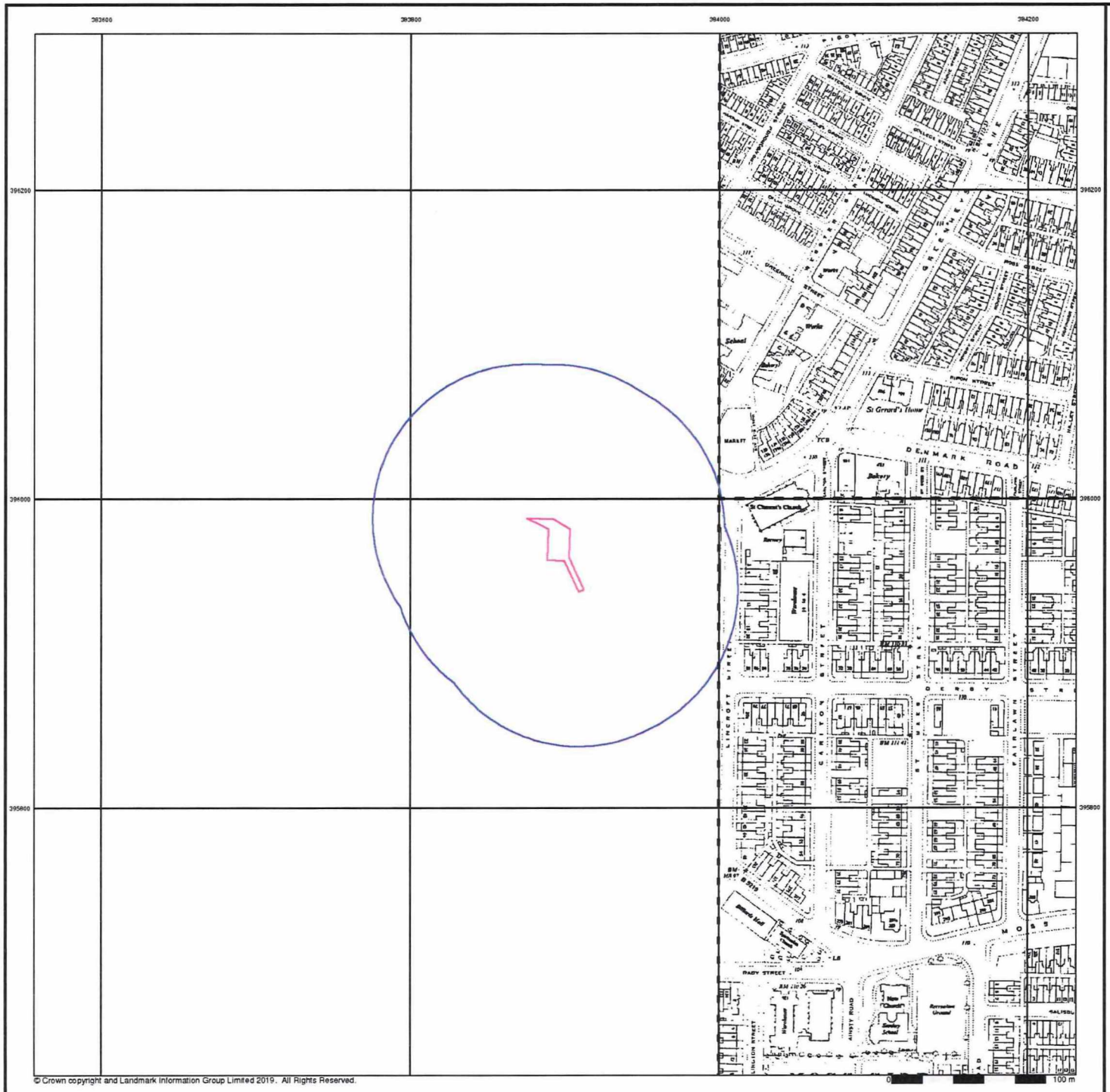
Level
Incline
Tramway
Railway
Station
Siding
Goods Yard
Engine Shed
Turntable
Signal Box
Level Crossing
Bridge



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Ordnance Survey Plan
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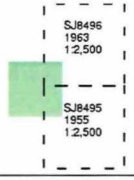
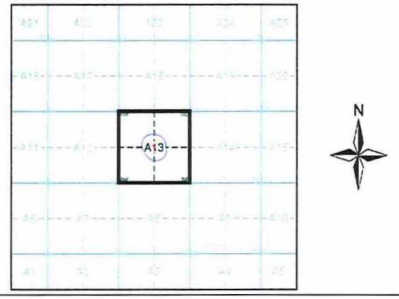
Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details

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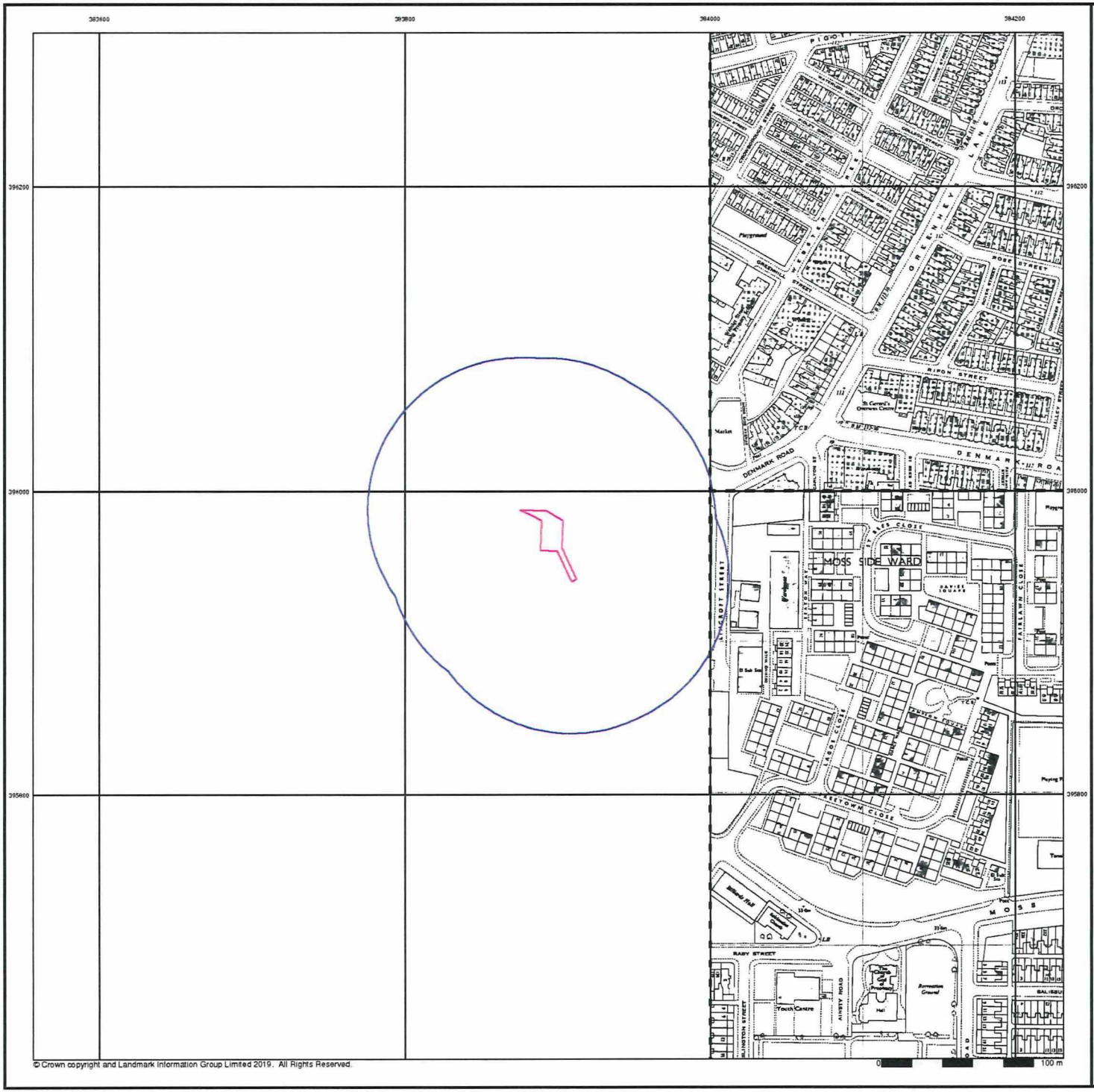

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Ordnance Survey Plan
Published 1964 - 1976
Source map scale - 1:1,250

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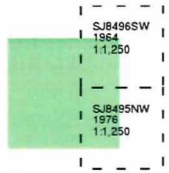
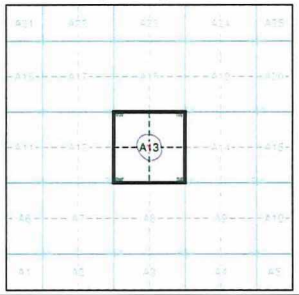
Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details

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Supply of Unpublished Survey Information

Published 1974 - 1976

Source map scale - 1:1,250

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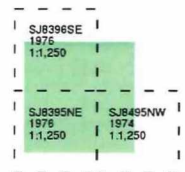
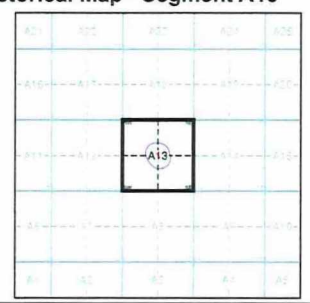
Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details

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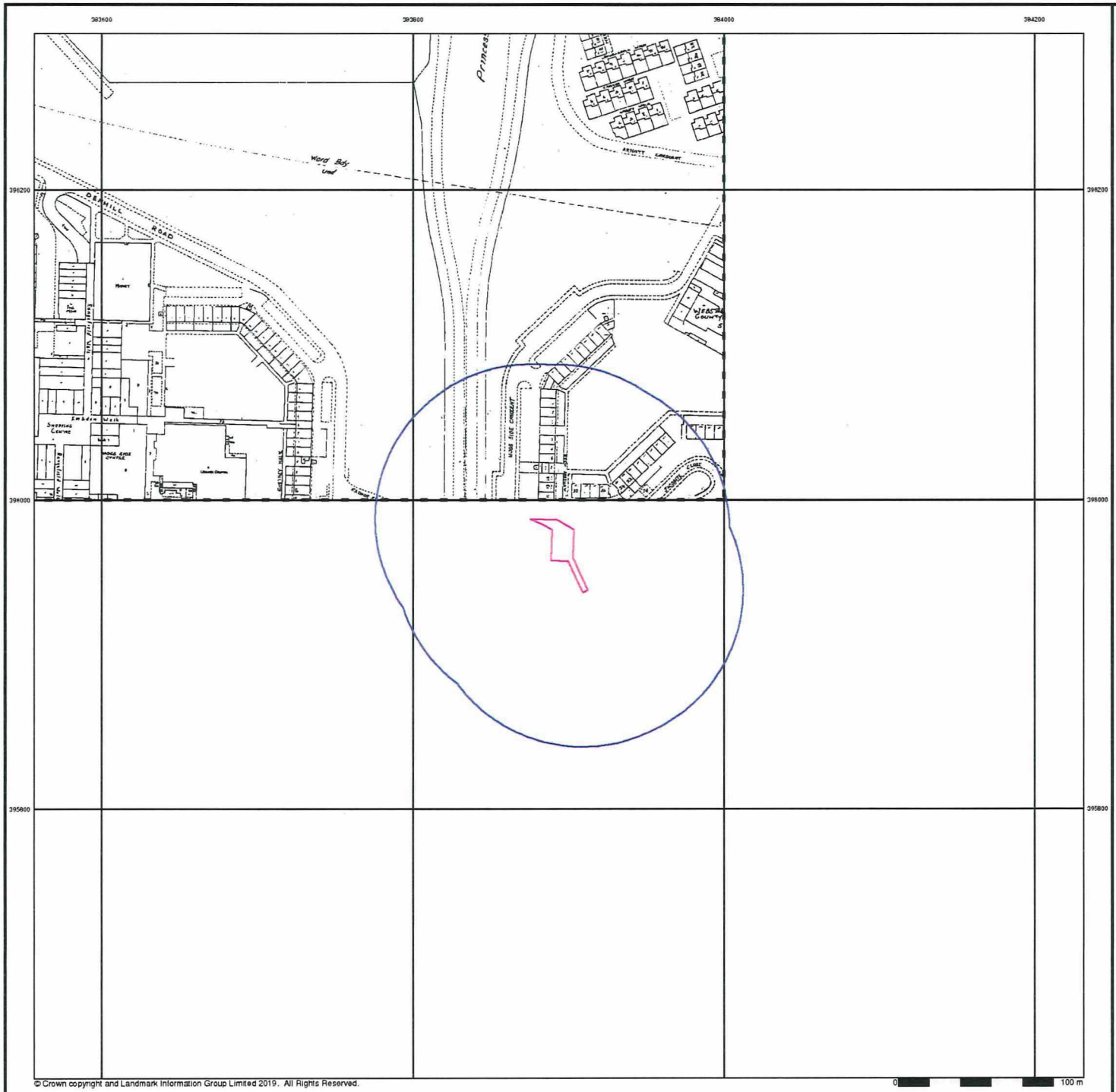

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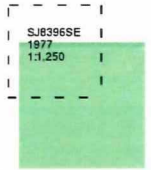
Supply of Unpublished Survey Information

Published 1977

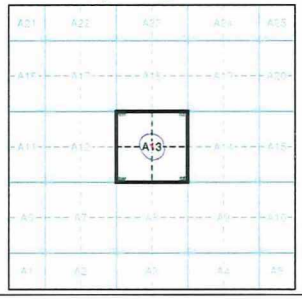
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details

CHP Plant, Brewery, Denmark Road, MANCHESTER, M15 6LD

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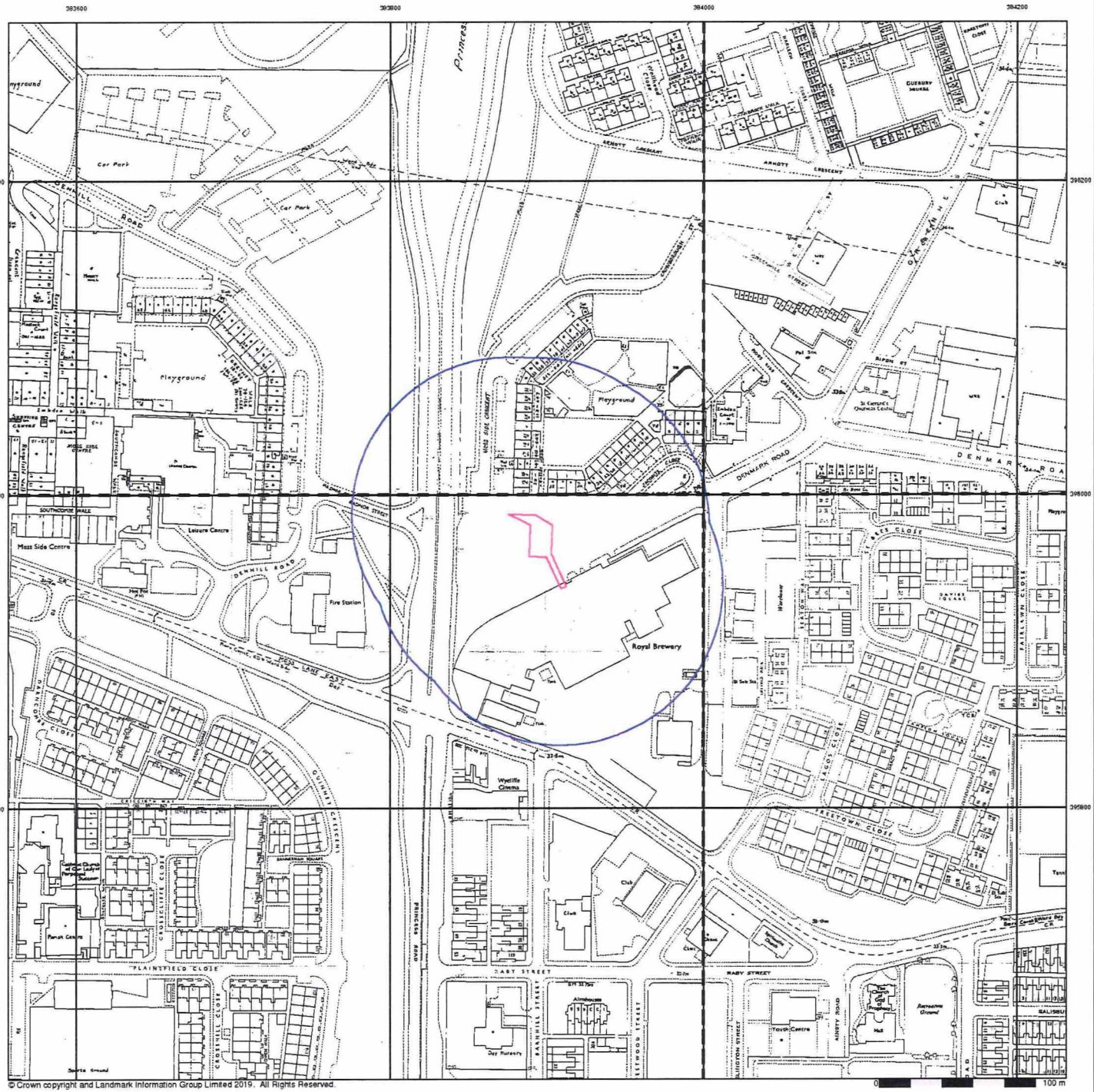
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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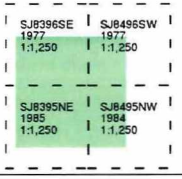
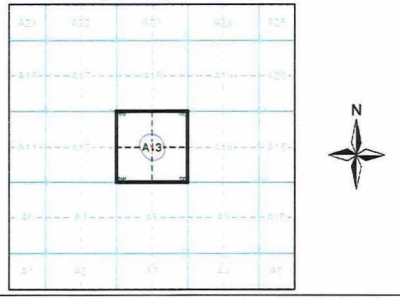
Additional SIMs
Published 1977 - 1985
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

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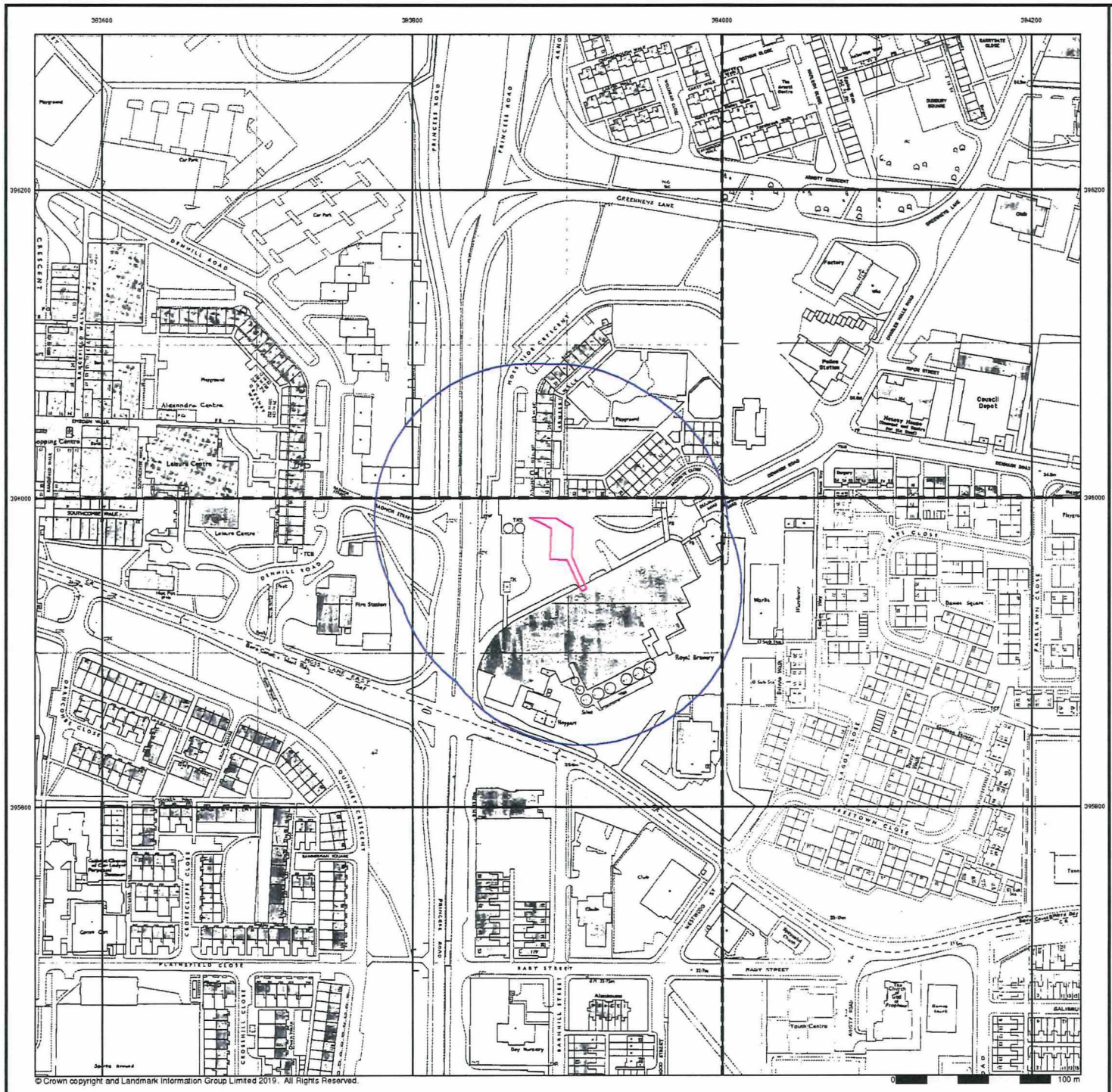

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Additional SIMs
Published 1984 - 1989
Source map scale - 1:1,250

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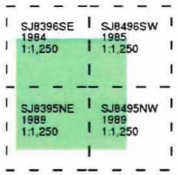
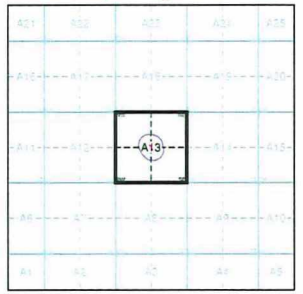
Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details

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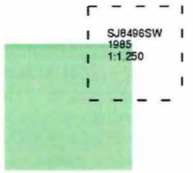
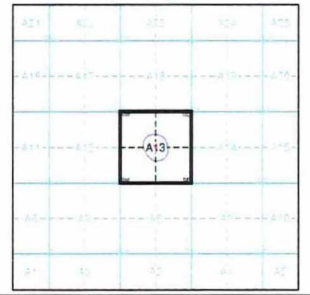
Ordnance Survey Plan
Published 1985
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

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Additional SIMs
Published 1988
Source map scale - 1:1,250

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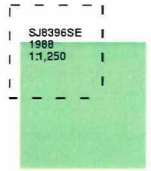
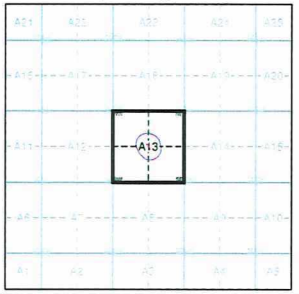
Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
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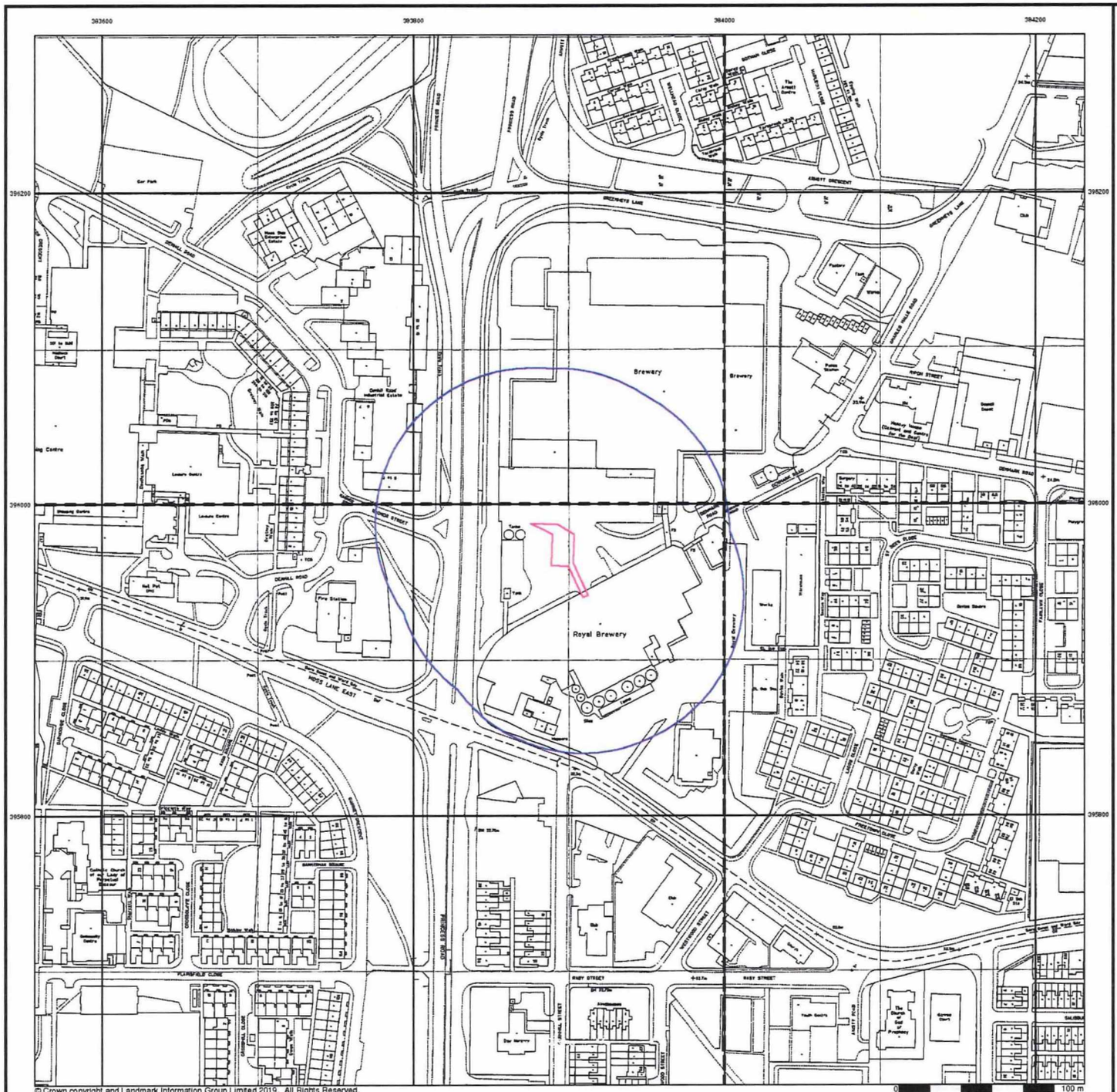

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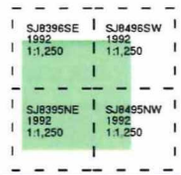
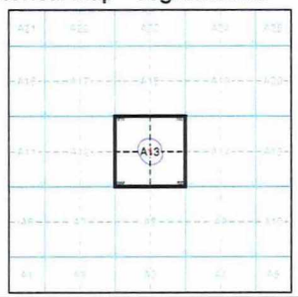
Large-Scale National Grid Data
Published 1992
Source map scale - 1:1,250

'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)



Historical Map - Segment A13



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

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383600
383800
384000
384200
396200
396000
395800
Brewery
Brewery
Royal Brewery
Fire Station
Dale Street
Denmark Road
Moss Lane East
Princess Road
Arkwright Street
Hulme Hall Road
Jackson Row
Whitworth Street
Oxford Road
Lauriston Road
Laurel Street
Pilkington Road
Plumpfield Close
Bridgeford Close
Bridgeford Road
Bridgeford Street
Hulme Close
Hulme Street
Hulme Hall Lane
Hulme Hall Road
Denmark Road
Moss Lane East
Moss Lane West
Princess Road
Princess Road
Arkwright Street
Sackville Street
Sackville Street
Jackson Row
Denmark Road



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Large-Scale National Grid Data
Published 1995
Source map scale - 1:1,250

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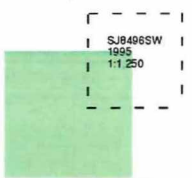
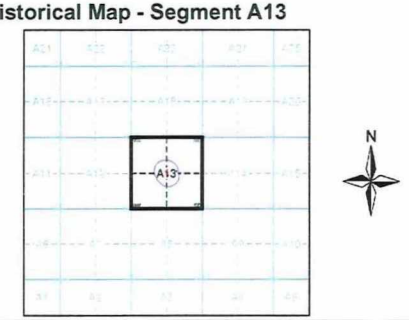
Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details

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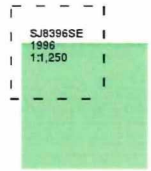
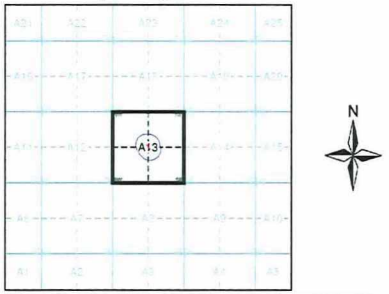
Large-Scale National Grid Data
Published 1996
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details

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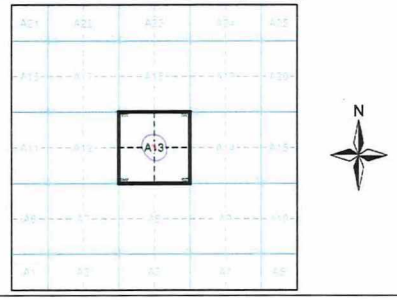
Historical Aerial Photography
Published 2000

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details

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Appendix B

Landmark Envirocheck Environmental Database Report

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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
199007636_1_1

Customer Reference:
J1790

National Grid Reference:
383900, 395970

Slice:
A

Site Area (Ha):
0 05

Search Buffer (m):
1000

Site Details:

CHP Plant
Brewery, Denmark Road
MANCHESTER
M15 6LD

Client Details:

Mr M Hanford
EMCUS
42 Mount Pleasant Drive
Belper
Derbyshire
DE56 2TH

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Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	18
Hazardous Substances	-
Geological	21
Industrial Land Use	25
Sensitive Land Use	-
Data Currency	39
Data Suppliers	46
Useful Contacts	47

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

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes			n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				8
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 3		17		
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 7		1	1	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7				Yes
Pollution Incidents to Controlled Waters	pg 7			2	
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 7				16
River Quality	pg 10				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 10		8		6 (*11)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 16	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 16	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 16	Yes	n/a	n/a	n/a
Source Protection Zones	pg 17	3			
Extreme Flooding from Rivers or Sea without Defences	pg 17	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 17	Yes		n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 17		1		

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 18		1		
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)					
Potentially Infilled Land (Water)	pg 18	1	2	9	33
Registered Landfill Sites	pg 20			1	
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 21	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 21	Yes			
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry	pg 21		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 24	Yes			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 24	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 24	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 24	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 24	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 25		9	27	55
Fuel Station Entries	pg 33			2	1
Points of Interest - Commercial Services	pg 33			5	14
Points of Interest - Education and Health	pg 35		3		3
Points of Interest - Manufacturing and Production	pg 35		6	3	7
Points of Interest - Public Infrastructure	pg 37		4	3	3
Points of Interest - Recreational and Environmental	pg 37			3	11
Gas Pipelines					
Underground Electrical Cables					

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Summary

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

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (SW)	0	1	383896 395966
1	**Discharge Consents** Operator: Manchester Metropolitan University Property Type: EDUCATION/NURSERY/SCHOOL/COLLEGE/UNI/TRAINING VENUE Location: Manchester Metropolitan University Birley Fields Campus, Hulme, Manchester, ., M15 6bh Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: Eprub3936ax Permit Version: 1 Effective Date: 14th August 2013 Issued Date: 14th August 2013 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Cooling Water Discharge Environment: Land/Soakaway Receiving Water: Groundwater Via A Borehole **Status: New issued under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A18SW (N)	612	2	383779 396591
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Hulme Walk/Leaf Street, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0364 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Unknown Receiving Water: Not Supplied **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A18NW (N)	844	2	383690 396810
3	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Hulme Walk/Princess Rd, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0363 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Unknown Receiving Water: Not Supplied **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A18NW (N)	858	2	383780 396840
4	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Hulme Walk, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0362 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Unknown Receiving Water: Not Supplied **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A18NW (N)	883	2	383870 396870

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Oxford Road Cso, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982917 Permit Version: 3 Effective Date: 8th November 1995 Issued Date: 8th November 1995 Revocation Date: 13th July 2005 Discharge Type: Public Sewage Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Malkin Brook Trib Corn Bk **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	947	2	384850 395810
5	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Oxford Road Cso, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982917 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 10th May 1995 Discharge Type: Public Sewage Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Malkin Brook Trib Corn Bk **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	947	2	384850 395810
5	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Oxford Road Cso, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982917 Permit Version: 2 Effective Date: 11th May 1995 Issued Date: Not Supplied Revocation Date: 7th November 1995 Discharge Type: Public Sewage Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Malkin Brook Trib Corn Bk **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	947	2	384850 395810
6	**Discharge Consents** Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: The Eagle/William Kent Cres Cso, Hulme, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0365 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 30th March 2005 Discharge Type: Public Sewage Storm Sewage Overflow Discharge Environment: Canal Receiving Water: Manchester Ship Canal **Status: Consent revoked or revised New Consent issued (Section 37(1))** Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	1000	2	383110 396630

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Integrated Pollution Prevention And Control** Name: Ondeo Industrial Solutions Limited Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: HP3836KU Original Permit Ref: Cp3531gm Effective Date: 15th March 2010 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Manually positioned to the address or location Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A13SE (SE)	21	2	383920 395923
7	**Integrated Pollution Prevention And Control** Name: Ondeo Industrial Solutions Limited Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: CP3531GM Original Permit Ref: Cp3531gm Effective Date: 1st April 2009 **Status:** **Superseded By Variation** Application Type: Transfer App. Sub Type: Whole with Fit and Proper Person Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A13SE (SE)	21	2	383920 395923
7	**Integrated Pollution Prevention And Control** Name: Heineken Uk Ltd Location: Royal Brewery, 201, Denmark Road, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: SP3736UP Original Permit Ref: Bv7796iw Effective Date: 1st August 2008 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A13SE (SE)	21	2	383920 395923
7	**Integrated Pollution Prevention And Control** Name: Heineken Uk Ltd Location: Royal Brewery, 201, Denmark Road, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: UP3131UM Original Permit Ref: Bv7796iw Effective Date: 22nd February 2008 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A13SE (SE)	21	2	383920 395923

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Integrated Pollution Prevention And Control** Name: Heineken Uk Ltd Location: Royal Brewery, Royal Brewery, Denmark Road, Manchester, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: DP3431LK Original Permit Ref: Bv7796iw Effective Date: 27th November 2006 **Status: Superseded By Variation** Application Type: Variation App Sub Type: Simple Standard Variation Positional Accuracy: Manually positioned to the address or location Activity Code: 6 8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food, Treating Etc Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A13SE (SE)	21	2	383920 395922
7	**Integrated Pollution Prevention And Control** Name: Vws (Uk) Ltd Location: Royal Brewery Effluent Treatment Plant, Denmark Road, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: Ep3637pu Original Permit Ref: Ep3637pu Effective Date: 13th January 2006 **Status: Superseded By Variation** Application Type: Application App Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 6 8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food, Treating Etc Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y Activity Code: 0 0 Associated Process Activity Description: Associated Process Primary Activity: N	A13SE (SE)	21	2	383920 395923
7	**Integrated Pollution Prevention And Control** Name: Heineken Uk Ltd Location: Royal Brewery, ROYAL BREWERY, DENMARK ROAD, MANCHESTER, Lancashire, M15 6LD Authority: Environment Agency, North West Region Permit Reference: Bv7796iw Original Permit Ref: Bv7796iw Effective Date: 22nd December 2005 **Status: Superseded By Variation** Application Type: Application App Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 6 8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food, Treating Etc Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A13SE (SE)	21	2	383920 395923
7	**Integrated Pollution Prevention And Control** Name: Heineken Uk Limited Location: Royal Brewery, Manchester - Epr/Bv7796iw/V010, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: HP3330JX Original Permit Ref: Bv7796iw Effective Date: 26th February 2018 **Status: Effective** Application Type: Variation App Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 6 8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food, Treating Etc Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A13SE (S)	42	2	383900 395900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Integrated Pollution Prevention And Control** Name: Suez Industrial Water Ltd Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: UP3232YC Original Permit Ref: Cp3531gm Effective Date: 8th May 2017 **Status:** **Effective** Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 100m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.4 A(1) a) (i) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: Y	A13SE (S)	42	2	383900 395900
7	**Integrated Pollution Prevention And Control** Name: Heineken Uk Ltd Location: Royal Brewery Manchester, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: DP3530YY Original Permit Ref: Bv7796iw Effective Date: 18th April 2017 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A13SE (S)	42	2	383900 395900
7	**Integrated Pollution Prevention And Control** Name: Suez Industrial Water Ltd Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: RP3335DD Original Permit Ref: Cp3531gm Effective Date: 30th June 2016 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 100m Activity Code: 5.4 A(1) a) (i) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A13SE (S)	42	2	383900 395900
7	**Integrated Pollution Prevention And Control** Name: Ondeo Industrial Solutions Limited Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: KP3630WM Original Permit Ref: Cp3531gm Effective Date: 5th December 2014 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Substantial Positional Accuracy: Located by supplier to within 100m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.4 A(1) a) (i) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: Y	A13SE (S)	42	2	383900 395900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Integrated Pollution Prevention And Control** Name: Heineken Uk Ltd Location: Royal Brewery Manchester, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: KP3830WK Original Permit Ref: Bv7796iw Effective Date: 5th December 2014 **Status·: Superseded By Variation** Application Type: Variation App Sub Type: Substantial Positional Accuracy: Located by supplier to within 100m Activity Code: 6 8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food, Treating Etc Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A13SE (S)	42	2	383900 395900
7	**Integrated Pollution Prevention And Control** Name: Heineken Uk Ltd Location: Royal Brewery Manchester, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: LP3732VH Original Permit Ref: Bv7796iw Effective Date: 28th August 2014 **Status. Superseded By Variation** Application Type: Variation App Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 6 8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food, Treating Etc Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A13SE (S)	42	2	383900 395900
7	**Integrated Pollution Prevention And Control** Name: Ondeo Industrial Solutions Limited Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: ZP3037VD Original Permit Ref: Cp3531gm Effective Date: 23rd June 2014 **Status: Superseded By Variation** Application Type: Variation App Sub Type: Minor Positional Accuracy: Located by supplier to within 100m Activity Code: 5 4 A(1) a) (i) Activity Description: *DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT* Primary Activity: Y Activity Code: 0 0 Associated Process Activity Description: Associated Process Primary Activity: N	A13SE (S)	42	2	383900 395900
7	**Integrated Pollution Prevention And Control** Name: Heineken Uk Ltd Location: Royal Brewery Manchester, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: QP3438EM Original Permit Ref: Bv7796iw Effective Date: 26th March 2014 **Status: Superseded By Variation** Application Type: Variation App Sub Type: Simple Standard Variation Positional Accuracy: Located by supplier to within 100m Activity Code: 6 8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food, Treating Etc Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A13SE (S)	42	2	383900 395900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Integrated Pollution Prevention And Control** Name: Heineken Uk Ltd Location: Royal Brewery, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: JP3631CT Original Permit Ref: Bv7796iw Effective Date: 6th November 2012 **Status: Superseded By Variation** Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Located by supplier to within 100m Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A13SE (S)	42	2	383900 395900
8	**Local Authority Pollution Prevention and Controls** Name: Asda Hulme Location: 100 Princess Road, Hulme, MANCHESTER, Lancashire, M15 5AQ Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/006/06 Dated: 25th February 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	A13NW (NW)	92	3	383791 396022
9	**Local Authority Pollution Prevention and Controls** Name: Alexandra Service Station Location: 95 Princess Road, Moss Side, MANCHESTER, Lancashire, M14 4TH Authority: Manchester City Council, Environmental Health Department Permit Reference: Pfs/18/98 Dated: 12th March 2001 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status: Authorisation revoked** Positional Accuracy: Automatically positioned to the address	A8NW (S)	371	3	383845 395575
	Nearest Surface Water Feature	A17SE (NW)	664	-	383369 396417
10	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: No Pollution Found Incident Date: 26th January 1994 Incident Reference: 94640185 Catchment Area: Manchester Ship Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (S)	264	2	383800 395700
11	**Pollution Incidents to Controlled Waters** Property Type: Spillage; Accident - Static Site Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Herbicides/Fungicide Note: Malkin Brook Incident Date: 17th July 1992 Incident Reference: 92641296 Catchment Area: Bridgewater Canal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (E)	392	2	384300 396000
12	**Registered Radioactive Substances** Name: Medeval Ltd Location: Skelton House, Manchester Science Park, Lloyd Street North, Manchester, Greater Manchester, M15 6sh Authority: Environment Agency, North West Region Permit Reference: Bw5853 Dated: 1st December 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A14NW (E)	515	2	384409 396076

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Registered Radioactive Substances** Name: Cyprotex Discovery Ltd Location: Skelton House, Manchester Science Park, Lloyd Street North, MANCHESTER, Greater Manchester, M15 6SH Authority: Environment Agency, North West Region Permit Reference: BI8023 Dated: 4th October 2001 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A14NW (E)	517	2	384410 396082
12	**Registered Radioactive Substances** Name: Medeval Ltd Location: Skelton House, Lloyd Street North, Manchester Science Park, MANCHESTER, Greater Manchester, M15 6SH Authority: Environment Agency, North West Region Permit Reference: AC8533 Dated: 31st March 1991 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A14NW (E)	517	2	384411 396078
12	**Registered Radioactive Substances** Name: Icon Development Solutions Limited Location: Skelton House, Manchester Science Park, Lloyd Street North, Manchester, M15 6sh Authority: Environment Agency, North West Region Permit Reference: BY5455 Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied **Status: Authorisation certificate surrendered by operator** Positional Accuracy: Automatically positioned to the address	A14NW (E)	517	2	384410 396083
12	**Registered Radioactive Substances** Name: Medeval Ltd Location: Skelton House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SH Authority: Environment Agency, North West Region Permit Reference: BY5447 Dated: 12th May 2006 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation **Status: Authorisation either revoked or cancelled** Positional Accuracy: Automatically positioned to the address	A14NW (E)	518	2	384411 396083
12	**Registered Radioactive Substances** Name: Medeval Ltd Location: Skelton House, Manchester Science Park, Lloyd Street North, MANCHESTER, Greater Manchester, M15 6SH Authority: Environment Agency, North West Region Permit Reference: AC8525 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A14NW (E)	518	2	384411 396083
13	**Registered Radioactive Substances** Name: Central Manchester University Hospitals Nhs Foundation Trust Location: Radiological Protection Service, 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PL Authority: Environment Agency, North West Region Permit Reference: BA0536 Dated: 6th March 1998 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	940	2	384706 396470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	**Registered Radioactive Substances** Name: Central Manchester University Hospitals Nhs Foundation Trust Location: 327, Oxford Road, Manchester, M13 9PG Authority: Environment Agency, North West Region Permit Reference: CA6121 Dated: 26th October 2006 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	958	2	384720 396482
13	**Registered Radioactive Substances** Name: University Of Manchester Location: 327 Oxford Road, MANCHESTER, Lancashire, M13 9PG Authority: Environment Agency, North West Region Permit Reference: Bw5900 Dated: 1st December 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA **Status: Authorisation either revoked or cancelled** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	958	2	384720 396482
13	**Registered Radioactive Substances** Name: University Of Manchester Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG Authority: Environment Agency, North West Region Permit Reference: Br5949 Dated: 28th February 2002 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	958	2	384720 396482
13	**Registered Radioactive Substances** Name: University Of Manchester Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG Authority: Environment Agency, North West Region Permit Reference: Bl5954 Dated: 11th September 2001 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Initial variation to an authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	958	2	384720 396482
13	**Registered Radioactive Substances** Name: University Of Manchester Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG Authority: Environment Agency, North West Region Permit Reference: AY6961 Dated: 10th July 1997 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	958	2	384720 396482
13	**Registered Radioactive Substances** Name: University Of Manchester Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG Authority: Environment Agency, North West Region Permit Reference: AU1097 Dated: 16th February 1996 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	958	2	384720 396482
13	**Registered Radioactive Substances** Name: University Of Manchester Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG Authority: Environment Agency, North West Region Permit Reference: AO5492 Dated: 20th October 1994 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	958	2	384720 396482

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	**Registered Radioactive Substances**		A19SE (NE)	958	2	384720 396482
	Name	University Of Manchester				
	Location	Health And Safety Services, Radiological Protection, 327 Oxford Road, MANCHESTER, Lancashire, M13 9PG				
	Authority	Environment Agency, North West Region				
	Permit Reference	AG3983				
	Dated	12th February 1993				
	Process Type	Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)				
	Description	Authorisation under RSA dated pre April 1991				
	Status	**Authorisation superseded by a substantial or non substantial variation**				
	Positional Accuracy	Automatically positioned to the address				
13	**Registered Radioactive Substances**		A19SE (NE)	958	2	384720 396482
	Name	University Of Manchester				
	Location	Radiological Protection Service, 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG				
	Authority	Environment Agency, North West Region				
	Permit Reference	AD0180				
	Dated	31st March 1991				
	Process Type	Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)				
	Description	Authorisation under RSA				
	Status	**Authorisation either revoked or cancelled**				
	Positional Accuracy	Manually positioned to the address or location				
	River Quality		A18NE (N)	889	2	384002 396869
	Name	Corn Bk				
	GQA Grade	River Quality C				
	Reach	Qsl At Openshaw To Msc				
	Estimated Distance (km)	5 6				
	Flow Rate	Flow less than 0 31 cumecs				
	Flow Type	River				
	Year	2000				
14	**Water Abstractions**		A13SE (S)	42	2	383900 395900
	Operator	Heineken Uk Ltd				
	Licence Number	2569007007				
	Permit Version	102				
	Location	Borehole At Premises Moss Side Manchester				
	Authority	Environment Agency, North West Region				
	Abstraction	Breweries/Wine General Cooling (Existing Licences Only) (High Loss)				
	Abstraction Type	Water may be abstracted from a single point				
	Source	Groundwater				
	Daily Rate (m3)	Not Supplied				
	Yearly Rate (m3)	Not Supplied				
	Details	Premises At Moss Side, Manchester				
	Authorised Start	01 January				
	Authorised End	31 December				
	Permit Start Date	23rd November 2009				
	Permit End Date	Not Supplied				
	Positional Accuracy	Located by supplier to within 100m				
14	**Water Abstractions**		A13SE (S)	42	2	383900 395900
	Operator	Heineken Uk Ltd				
	Licence Number	2569007007				
	Permit Version	102				
	Location	Borehole At Premises Moss Side Manchester				
	Authority	Environment Agency, North West Region				
	Abstraction	Breweries/Wine Process Water				
	Abstraction Type	Water may be abstracted from a single point				
	Source	Groundwater				
	Daily Rate (m3)	Not Supplied				
	Yearly Rate (m3)	Not Supplied				
	Details	Premises At Moss Side, Manchester				
	Authorised Start	01 January				
	Authorised End	31 December				
	Permit Start Date	23rd November 2009				
	Permit End Date	Not Supplied				
	Positional Accuracy	Located by supplier to within 100m				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Water Abstractions** Operator: Scottish And Newcastle Uk Ltd Licence Number: 2569007007 Permit Version: 101 Location: Borehole At Premises Moss Side Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Moss Side, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (S)	42	2	383900 395900
14	**Water Abstractions** Operator: Scottish And Newcastle Uk Ltd Licence Number: 2569007007 Permit Version: 101 Location: Borehole At Premises Moss Side Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Moss Side, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (S)	42	2	383900 395900
14	**Water Abstractions** Operator: Scottish Courage Brewing Ltd Licence Number: 2569007007 Permit Version: 100 Location: Borehole At Premises Moss Side Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 900 Yearly Rate (m3): 227000 Details: Premises At Moss Side, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st December 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (S)	42	2	383900 395900
14	**Water Abstractions** Operator: Scottish Courage Brewing Ltd Licence Number: 2569007007 Permit Version: 100 Location: Borehole At Premises Moss Side Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Moss Side, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st December 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SE (S)	42	2	383900 395900

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Water Abstractions**		A13SW (SW)	55	2	383865 395909
	Operator	Heineken Uk Ltd				
	Licence Number	2569007007				
	Permit Version	103				
	Location	Borehole At Premises Moss Side Manchester				
	Authority	Environment Agency, North West Region				
	Abstraction	Breweries/Wine Process Water				
	Abstraction Type	Water may be abstracted from a single point				
	Source	Groundwater				
	Daily Rate (m3)	Not Supplied				
	Yearly Rate (m3)	Not Supplied				
	Details	Premises At Moss Side, Manchester				
	Authorised Start	01 January				
	Authorised End	31 December				
	Permit Start Date	8th May 2014				
	Permit End Date	Not Supplied				
	Positional Accuracy	Located by supplier to within 10m				
14	**Water Abstractions**		A13SW (SW)	55	2	383865 395909
	Operator	Heineken Uk Ltd				
	Licence Number	2569007007				
	Permit Version	103				
	Location	Borehole At Premises Moss Side Manchester				
	Authority	Environment Agency, North West Region				
	Abstraction	Breweries/Wine General Cooling (Existing Licences Only) (High Loss)				
	Abstraction Type	Water may be abstracted from a single point				
	Source	Groundwater				
	Daily Rate (m3)	Not Supplied				
	Yearly Rate (m3)	Not Supplied				
	Details	Premises At Moss Side, Manchester				
	Authorised Start	01 January				
	Authorised End	31 December				
	Permit Start Date	8th May 2014				
	Permit End Date	Not Supplied				
	Positional Accuracy	Located by supplier to within 10m				
15	**Water Abstractions**		A12SE (W)	670	2	383220 395850
	Operator	Hydes Brewery Ltd				
	Licence Number	2569007009				
	Permit Version	103				
	Location	Borehole At Premises, Moss Lane West Manchester				
	Authority	Environment Agency, North West Region				
	Abstraction	Breweries/Wine Process Water				
	Abstraction Type	Water may be abstracted from a single point				
	Source	Groundwater				
	Daily Rate (m3)	Not Supplied				
	Yearly Rate (m3)	Not Supplied				
	Details	46 Moss Lane West, Manchester				
	Authorised Start	01 January				
	Authorised End	31 December				
	Permit Start Date	19th July 2018				
	Permit End Date	Not Supplied				
	Positional Accuracy	Located by supplier to within 10m				
15	**Water Abstractions**		A12SE (W)	670	2	383220 395850
	Operator	Hydes Brewery Ltd				
	Licence Number	2569007009				
	Permit Version	102				
	Location	Borehole At Premises, Moss Lane West Manchester				
	Authority	Environment Agency, North West Region				
	Abstraction	Breweries/Wine Process Water				
	Abstraction Type	Water may be abstracted from a single point				
	Source	Groundwater				
	Daily Rate (m3)	Not Supplied				
	Yearly Rate (m3)	Not Supplied				
	Details	46 Moss Lane West Manchester				
	Authorised Start	01 January				
	Authorised End	31 December				
	Permit Start Date	12th April 2006				
	Permit End Date	Not Supplied				
	Positional Accuracy	Located by supplier to within 10m				

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**Water Abstractions**		A12SE (W)	670	2	383220 395850
	Operator	Hydes Brewery Ltd				
	Licence Number	2569007009				
	Permit Version	101				
	Location	Borehole At Premises, Moss Lane West Manchester				
	Authority	Environment Agency, North West Region				
	Abstraction	Breweries/Wine General Cooling (Existing Licences Only) (Low Loss)				
	Abstraction Type	Water may be abstracted from a single point				
	Source	Groundwater				
	Daily Rate (m3)	373				
	Yearly Rate (m3)	66826				
	Details	46 Moss Lane West, Manchester				
	Authorised Start	01 January				
	Authorised End	31 December				
	Permit Start Date	7th October 2000				
	Permit End Date	Not Supplied				
	Positional Accuracy	Located by supplier to within 10m				
15	**Water Abstractions**		A12SE (W)	670	2	383220 395850
	Operator	Hydes Brewery Ltd				
	Licence Number	2569007009				
	Permit Version	101				
	Location	Borehole At Premises, Moss Lane West Manchester				
	Authority	Environment Agency, North West Region				
	Abstraction	Breweries/Wine Process Water				
	Abstraction Type	Water may be abstracted from a single point				
	Source	Groundwater				
	Daily Rate (m3)	Not Supplied				
	Yearly Rate (m3)	Not Supplied				
	Details	46 Moss Lane West, Manchester				
	Authorised Start	01 January				
	Authorised End	31 December				
	Permit Start Date	7th October 2000				
	Permit End Date	Not Supplied				
	Positional Accuracy	Located by supplier to within 10m				
16	**Water Abstractions**		A18NW (N)	776	2	383715 396746
	Operator	Manchester Metropolitan University				
	Licence Number	Nw/069/0004/003				
	Permit Version	1				
	Location	Borehole At Manchester Metropolitan University				
	Authority	Environment Agency, North West Region				
	Abstraction	Schools and Colleges Heat Pump				
	Abstraction Type	Water may be abstracted from a single point				
	Source	Groundwater				
	Daily Rate (m3)	Not Supplied				
	Yearly Rate (m3)	Not Supplied				
	Details	Not Supplied				
	Authorised Start	01 April				
	Authorised End	31 March				
	Permit Start Date	1st January 2015				
	Permit End Date	Not Supplied				
	Positional Accuracy	Located by supplier to within 10m				
16	**Water Abstractions**		A18NW (N)	776	2	383715 396746
	Operator	Manchester Metropolitan University				
	Licence Number	Nw/069/0004/003				
	Permit Version	1				
	Location	Borehole At Manchester Metropolitan University				
	Authority	Environment Agency, North West Region				
	Abstraction	Schools and Colleges General Use (Medium Loss)				
	Abstraction Type	Water may be abstracted from a single point				
	Source	Groundwater				
	Daily Rate (m3)	Not Supplied				
	Yearly Rate (m3)	Not Supplied				
	Details	Not Supplied				
	Authorised Start	01 April				
	Authorised End	31 March				
	Permit Start Date	1st January 2015				
	Permit End Date	Not Supplied				
	Positional Accuracy	Located by supplier to within 10m				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Manchester Metropolitan University Licence Number: Nw/069/0006/003 Permit Version: 2 Location: Borehole 1 At Lower Chatham Street Authority: Environment Agency, North West Region Abstraction: Schools and Colleges General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 4th April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23SE (N)	1141	2	384180 397091
	Water Abstractions Operator: Manchester Metropolitan University Licence Number: Nw/069/0006/003 Permit Version: 2 Location: Borehole 1 At Lower Chatham Street Authority: Environment Agency, North West Region Abstraction: Schools and Colleges Heat Pump Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 4th April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23SE (N)	1141	2	384180 397091
	Water Abstractions Operator: Manchester Metropolitan University Licence Number: Nw/069/0006/003 Permit Version: 1 Location: Borehole 1 At Lower Chatham Street Authority: Environment Agency, North West Region Abstraction: Schools and Colleges General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23SE (N)	1141	2	384180 397091
	Water Abstractions Operator: Manchester Metropolitan University Licence Number: Nw/069/0006/003 Permit Version: 1 Location: Borehole 1 At Lower Chatham Street Authority: Environment Agency, North West Region Abstraction: Schools and Colleges Heat Pump Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23SE (N)	1141	2	384180 397091

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Dunlop Rubber Co Limited Licence Number: 2569007027 Permit Version: Not Supplied Location: Borehole, Cambridge Street, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 1811 Yearly Rate (m3): 154564 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A23SE (N)	1218	2	384000 397200
	Water Abstractions Operator: North Western Electricity Board Licence Number: 2569006023 Permit Version: Not Supplied Location: Rochdale Canal, Dickinson Street, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 82 Yearly Rate (m3): 25230 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	(N)	1726	2	384100 397700
	Water Abstractions Operator: West Contracting Licence Number: Nw0690006001 Permit Version: 1 Location: Boreholes At Origin Developments, Manchester Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 19th January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1812	2	384378 397733
	Water Abstractions Operator: West Contracting Licence Number: Nw/069/0006/001 Permit Version: 1 Location: Boreholes At Origin Developments, Manchester Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 19th January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1812	2	384378 397733

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Cds Computer Design Systems Ltd Licence Number: 2569007053 Permit Version: 100 Location: R Irwell At Irwell Works, Ordsall Lane, Salford 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: Surface Daily Rate (m3): 455 Yearly Rate (m3): 22730 Details: Irwell Works, Ordsall Lane, Salford Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 1987 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21NW (NW)	1972	2	382500 397400
	Water Abstractions Operator: G T Energy Uk Limited Licence Number: Nw/069/0004/005 Permit Version: 2 Location: Area Of Abstraction - Lower Carboniferous Limestone Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services Heat Pump Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Devonshire Street, Manchester Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 11th June 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NE)	1992	2	385729 396778
	Water Abstractions Operator: Gt Energy Limited Licence Number: Nw/069/0004/005 Permit Version: 1 Location: Area Of Abstraction - Lower Carboniferous Limestone Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services Heat Pump Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th January 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NE)	1992	2	385729 396778
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	A13NE (SW)	0	4	383896 395966
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NE (SW)	0	4	383896 395966
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (SW)	0	4	383896 395966

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13NE (SW)	0	2	383896 395966
18	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A13NE (SW)	0	2	383896 395966
19	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A13NE (SW)	0	2	383896 395966
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (SW)	0	2	383896 395966
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (SW)	0	2	383895 395964
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	122	2	383804 395873
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	163	2	384051 396048
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (SW)	0	2	383896 395966
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6195.1 Watercourse Level: Underground Permanent: True Watercourse Name: Corn Brook Catchment Name: Mersey Primacy: 1	A13SE (SE)	9	5	383912 395932

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	**Historical Landfill Sites** Licence Holder: Demolition Service Limited Location: Hulme, Manchester Name: Moss Side Shopping Centre Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16588 First Input Date: 31st May 1994 Last Input Date: 5th June 1995 Specified Waste Type: Deposited Waste included Inert and Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9100 BGS Ref: Not Supplied Other Ref: F061 ,0103, RD/LIC/1036/93	A13NW (W)	135	2	383741 395983
	Local Authority Landfill Coverage Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency		0	6	383896 395966
	Local Authority Landfill Coverage Name: Trafford Metropolitan Borough Council - Has not been able to supply Landfill data		588	7	383298 396093
22	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SE (S)	0	-	383895 395947
23	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	177	-	383762 396123
24	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (W)	246	-	383638 396051
25	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (W)	299	-	383578 396013
26	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	330	-	383707 395679
27	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (E)	344	-	384241 395844
28	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (NW)	362	-	383545 396134
29	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SE (SE)	370	-	384191 395699
30	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	373	-	383640 395682
31	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (S)	390	-	383878 395552
32	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (S)	399	-	383941 395543
33	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (SW)	407	-	383516 395799
34	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (SE)	506	-	384329 395656
35	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SE (NE)	533	-	384166 396445

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	558	-	383771 396536
37	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (S)	596	-	384124 395385
38	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (S)	600	-	383982 395345
39	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (S)	631	-	383752 395330
40	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (SW)	635	-	383573 395402
41	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (NW)	660	-	383579 396577
42	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (NE)	660	-	384480 396301
43	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	679	-	383954 395263
44	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (SE)	682	-	384532 395658
45	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (SE)	701	-	384204 395304
46	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	701	-	384601 395813
47	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	740	-	383534 395303
48	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A9NW (SE)	744	-	384498 395483
49	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (SE)	760	-	384209 395242
50	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	769	-	383613 395231
51	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	784	-	383470 395292
52	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	792	-	384180 395196
53	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9SW (SE)	806	-	384299 395234
54	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14SE (E)	808	-	384713 395837
55	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	819	-	383473 395248
56	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	822	-	384714 396122

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	831	-	384663 396316
58	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9SW (SE)	841	-	384313 395202
59	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	844	-	383459 395227
60	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	856	-	384498 395317
61	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	862	-	383813 395084
62	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	875	-	384740 395662
63	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	913	-	383291 395269
64	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	922	-	384074 395033
65	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NE (SE)	983	-	384792 395504
66	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A3NE (S)	992	-	383946 394949
67	**Registered Landfill Sites** Licence Holder: Demolition Services Ltd Licence Reference: 01036 Site Location: Moss Side Distnct Shopping Centre, Moss Side, Manchester, Greater Manchester Licence Easting: 383500 Licence Northing: 396100 Operator Location: Croft House, Whitehall Road, Drighlington, Bradford, West Yorkshire Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: Some restriction on source of waste Status: Licence has completion certificateSurrendered Dated: 1st April 1994 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Max Waste Permitted By Licence Rubble,Hardcore,Stone,Brickwk,Concrete Prohibited Waste: Asbestos Liquid Wastes Sludge Wastes Special Wastes Waste In Drums Waste In Skips Waste N O S Whether/Not Pack /Pre-Trt	A12NE (W)	393	2	383500 396100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13NE (SW)	0	1	383896 395966
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NE (SW)	0	1	383896 395966
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 383780, 395730 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 20.40 mg/kg Cadmium Measured Concentration: 1.10 mg/kg Chromium Measured Concentration: 74.20 mg/kg Lead Measured Concentration: 175.00 mg/kg Nickel Measured Concentration: 29.00 mg/kg	A13SW (SW)	247	1	383780 395730
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 384140, 395740 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 17.90 mg/kg Cadmium Measured Concentration: 1.00 mg/kg Chromium Measured Concentration: 70.10 mg/kg Lead Measured Concentration: 317.80 mg/kg Nickel Measured Concentration: 28.20 mg/kg	A13SE (SE)	305	1	384140 395740
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 383660, 396290 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 26.50 mg/kg Cadmium Measured Concentration: 0.50 mg/kg Chromium Measured Concentration: 76.20 mg/kg Lead Measured Concentration: 272.90 mg/kg Nickel Measured Concentration: 32.60 mg/kg	A13NW (NW)	372	1	383660 396290
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 384230, 396230 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 14.10 mg/kg Cadmium Measured Concentration: 0.70 mg/kg Chromium Measured Concentration: 51.90 mg/kg Lead Measured Concentration: 174.60 mg/kg Nickel Measured Concentration: 19.20 mg/kg	A13NE (NE)	411	1	384230 396230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 383250, 396270 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 15 80 mg/kg Cadmium Measured Concentration: 0 60 mg/kg Chromium Measured Concentration: 63 00 mg/kg Lead Measured Concentration: 319 40 mg/kg Nickel Measured Concentration: 23 70 mg/kg	A12NE (NW)	687	1	383250 396270
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 383760, 396710 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 14 70 mg/kg Cadmium Measured Concentration: 0 50 mg/kg Chromium Measured Concentration: 38 70 mg/kg Lead Measured Concentration: 110 90 mg/kg Nickel Measured Concentration: 13 20 mg/kg	A18NW (N)	732	1	383760 396710
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 384250, 395280 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 14 60 mg/kg Cadmium Measured Concentration: 0 90 mg/kg Chromium Measured Concentration: 67 10 mg/kg Lead Measured Concentration: 133 80 mg/kg Nickel Measured Concentration: 22 60 mg/kg	A9SW (SE)	743	1	384250 395280
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 384270, 396640 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 31 40 mg/kg Cadmium Measured Concentration: 1 70 mg/kg Chromium Measured Concentration: 63 00 mg/kg Lead Measured Concentration: 203 20 mg/kg Nickel Measured Concentration: 26 60 mg/kg	A19NW (NE)	754	1	384270 396640
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 383680, 395190 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 15 00 mg/kg Cadmium Measured Concentration: 0 30 mg/kg Chromium Measured Concentration: 60 00 mg/kg Lead Measured Concentration: 237 40 mg/kg Nickel Measured Concentration: 24 20 mg/kg	A8SW (S)	785	1	383680 395190

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 383180, 395500 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 21.20 mg/kg Cadmium Measured Concentration: 0.80 mg/kg Chromium Measured Concentration: 74.20 mg/kg Lead Measured Concentration: 230.50 mg/kg Nickel Measured Concentration: 26.70 mg/kg	A7NW (SW)	846	1	383180 395500
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 384830, 395870 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 26.80 mg/kg Cadmium Measured Concentration: 0.60 mg/kg Chromium Measured Concentration: 74.20 mg/kg Lead Measured Concentration: 291.00 mg/kg Nickel Measured Concentration: 30.00 mg/kg	A14SE (E)	921	1	384830 395870
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 384760, 396320 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 36.70 mg/kg Cadmium Measured Concentration: 1.70 mg/kg Chromium Measured Concentration: 88.30 mg/kg Lead Measured Concentration: 690.30 mg/kg Nickel Measured Concentration: 42.60 mg/kg	A19SE (E)	922	1	384760 396320
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 383340, 396800 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 27.60 mg/kg Cadmium Measured Concentration: 1.70 mg/kg Chromium Measured Concentration: 66.10 mg/kg Lead Measured Concentration: 192.60 mg/kg Nickel Measured Concentration: 25.30 mg/kg	A17NE (NW)	974	1	383340 396800
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 383260, 395210 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 17.00 mg/kg Cadmium Measured Concentration: 1.30 mg/kg Chromium Measured Concentration: 103.50 mg/kg Lead Measured Concentration: 345.70 mg/kg Nickel Measured Concentration: 38.00 mg/kg	A7SE (SW)	977	1	383260 395210

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: Manchester Count Id: 300 Arsenic Minimum Concentration: 3 00 mg/kg Arsenic Average Concentration: 28 00 mg/kg Arsenic Maximum Concentration: 1008 00 mg/kg Cadmium Minimum Concentration: 0 30 mg/kg Cadmium Average Concentration: 1 40 mg/kg Cadmium Maximum Concentration: 80 30 mg/kg Chromium Minimum Concentration: 29 00 mg/kg Chromium Average Concentration: 92 00 mg/kg Chromium Maximum Concentration: 1252 00 mg/kg Lead Minimum Concentration: 20 00 mg/kg Lead Average Concentration: 270 00 mg/kg Lead Maximum Concentration: 2687 00 mg/kg Nickel Minimum Concentration: 5 00 mg/kg Nickel Average Concentration: 32 00 mg/kg Nickel Maximum Concentration: 137 00 mg/kg	A13NE (SW)	0	1	383896 395966
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	383896 395966
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	383896 395966
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	383896 395966
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	383896 395966
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	383896 395966
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	383896 395966
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	165	1	383711 396007
	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 (SW)	0	1	383896 395966
	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 (SW)	0	1	383896 395966

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	**Contemporary Trade Directory Entries** Name: Heineken Location: Royal Brewery, 201, Denmark Road, Manchester, M15 6LD Classification: Brewers **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A13SE (SE)	21	-	383920 395923
68	**Contemporary Trade Directory Entries** Name: Scottish-Newcastle Ltd Location: 201, Denmark Road, Manchester, M15 6LD Classification: Brewers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	21	-	383920 395923
69	**Contemporary Trade Directory Entries** Name: L T Switchgear Ltd Location: 120, Princess Road, Manchester, M15 5AT Classification: Electrical Goods - Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	101	-	383799 395917
69	**Contemporary Trade Directory Entries** Name: Bridgwater Hospital Location: 120, Princess Road, Manchester, M15 5AT Classification: Hospitals **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	101	-	383799 395917
69	**Contemporary Trade Directory Entries** Name: Bridgewater Hospital Location: 120, Princess Road, Manchester, M15 5AT Classification: Hospitals **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	102	-	383798 395916
70	**Contemporary Trade Directory Entries** Name: Asda Petrol Location: 100, Princess Road, Manchester, M15 5AS Classification: Petrol Filling Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	138	-	383757 396058
71	**Contemporary Trade Directory Entries** Name: Engravings Services Ltd Location: 21, Radnor Street, Hulme, Manchester, M15 5RD Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (W)	161	-	383716 395973
72	**Contemporary Trade Directory Entries** Name: Aquatech - Pressmain Location: Dolphin House, 130, Princess Road, Manchester, Lancashire, M16 7BY Classification: Pumps - Sales, Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	182	-	383795 395798
72	**Contemporary Trade Directory Entries** Name: Aquatech Pressmain Location: Dolphin House, 130, Princess Road, Manchester, M16 7BY Classification: Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	182	-	383795 395798
73	**Contemporary Trade Directory Entries** Name: Emerge Recycling Location: First Floor,Barnhill Studios,Westwood St, Manchester, M14 4SW Classification: Recycling Centres **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13SE (S)	279	-	383958 395666
73	**Contemporary Trade Directory Entries** Name: Emerge Recycling Ltd Location: First Floor, Barnhill Studios, Westwood Street, Manchester, M14 4SW Classification: Recycling Centres **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A13SE (S)	300	-	383941 395643
74	**Contemporary Trade Directory Entries** Name: Alpha M Services Location: Apartment 52, 99, Greenheys Lane West, Manchester, M15 5AX Classification: Car Engine Tuning & Diagnostic Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	306	-	383646 396189

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	**Contemporary Trade Directory Entries** Name: Sky Blue Box Location: 5, Brownbank Walk, Manchester, M15 6WS Classification: Printers Textile **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	332	-	383940 396315
76	**Contemporary Trade Directory Entries** Name: Gothard Pine Location: Fallover House, 30, Bronte Street, Manchester, M15 6QL Classification: Furniture Manufacturers - Home & Office **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	346	-	384031 396304
77	**Contemporary Trade Directory Entries** Name: M R H Service Station Location: Princess Road, Manchester, Greater Manchester, M14 7FS Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	349	-	383850 395597
77	**Contemporary Trade Directory Entries** Name: Alexandra Service Station Location: 95, Princess Road, Manchester, M14 4TH Classification: Petrol Filling Stations - 24 Hour **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	371	-	383845 395575
78	**Contemporary Trade Directory Entries** Name: Ossur (Uk) Ltd Location: Synergy House, Guildhall Close, Manchester Science Park, Manchester, M15 6SY Classification: Disability Equipment - Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	389	-	384268 396116
78	**Contemporary Trade Directory Entries** Name: Relisys Location: Synergy House, Guildhall Close, Manchester Science Park, Manchester, M15 6SY Classification: Computer Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	389	-	384268 396116
78	**Contemporary Trade Directory Entries** Name: Sasc Location: Synergy House, Guildhall Close, Manchester Science Park, Manchester, Lancashire, M15 6SY Classification: Chemical Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	389	-	384268 396116
79	**Contemporary Trade Directory Entries** Name: Dot Vehicle Repairs Location: Salisbury St, Manchester, M14 4ND Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	418	-	384228 395668
80	**Contemporary Trade Directory Entries** Name: 1st Callautolocksmith Co Uk Location: 9, Greenheys Lane, Manchester, M15 6NQ Classification: Lock Suppliers and Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	457	-	384226 396304
80	**Contemporary Trade Directory Entries** Name: Cedric'S Motors Location: 1-5, Greenheys Lane, Manchester, M15 6NQ Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	479	-	384232 396329
81	**Contemporary Trade Directory Entries** Name: Super Cleaning Services Location: 111, Princess Road, Manchester, M14 4RB Classification: Cleaning Services - Commercial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	471	-	383845 395474

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	**Contemporary Trade Directory Entries** Name: Super Cleaning Services Uk Ltd Location: 111, Princess Road, Manchester, M14 4RB Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	471	-	383845 395474
82	**Contemporary Trade Directory Entries** Name: Ipec Location: Greenheys Business Centre,Pencroft Way, Manchester, Lancashire, M15 6JJ Classification: Engineers - General **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A14NW (NE)	475	-	384267 396286
82	**Contemporary Trade Directory Entries** Name: Grand Healthcare Location: 40 Greenheys Business Centre,Pencroft Way, Manchester, Lancashire, M15 6JJ Classification: Disability Equipment - Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A14NW (NE)	475	-	384267 396286
82	**Contemporary Trade Directory Entries** Name: Protein Technologies Location: Unit 51, Greenheys Business Centre, 10, Pencroft Way, Manchester, M15 6JJ Classification: Laboratories **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	476	-	384268 396287
82	**Contemporary Trade Directory Entries** Name: Scientific Laboratory Supplies Ltd Location: Greenheys Business Centre, Pencroft Way, Manchester, Lancashire, M15 6JJ Classification: Laboratory Equipment, Instruments & Supplies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	476	-	384268 396287
82	**Contemporary Trade Directory Entries** Name: Kaiku Ltd Location: Greenheys Business Centre, Pencroft Way, Manchester, M15 6JJ Classification: Scientific Apparatus & Instruments - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	476	-	384268 396287
82	**Contemporary Trade Directory Entries** Name: Idvac Location: Unit 15, Greenheys Business Centre, 10, Pencroft Way, Manchester, M15 6JJ Classification: Coating Specialists **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	476	-	384268 396287
82	**Contemporary Trade Directory Entries** Name: Green Digits Location: Greenheys Business Centre,Pencroft Way, Manchester, Lancashire, M15 6JJ Classification: Recycling Services **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A14NW (NE)	476	-	384268 396287
83	**Contemporary Trade Directory Entries** Name: Zilico Location: Rutherford House, 40, Pencroft Way, Manchester Science Park, Manchester, M15 6SZ Classification: Medical Equipment Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	481	-	384310 396238
83	**Contemporary Trade Directory Entries** Name: Ipec Location: Rutherford House, 40, Pencroft Way, Manchester Science Park, MANCHESTER, M15 6SZ Classification: Electronic Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	484	-	384312 396239
83	**Contemporary Trade Directory Entries** Name: Pharmalogical Location: Rutherford House, 40, Pencroft Way, Manchester Science Park, Manchester, Lancashire, M15 6SZ Classification: Chemists' & Pharmacists' Suppliers & Wholesalers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A14NW (NE)	484	-	384312 396239

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	**Contemporary Trade Directory Entries** Name: Igm Resins Location: Rutherford House, 40, Pencroft Way, Manchester Science Park, Manchester, M15 6GG Classification: Chemicals - Distributors & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	484	-	384312 396239
84	**Contemporary Trade Directory Entries** Name: Justakajamesdesigns Location: 234, Greenheys Lane West, Manchester, M15 5AF Classification: Clothing & Fabrics - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	499	-	383454 396254
85	**Contemporary Trade Directory Entries** Name: Pro Cleaners Hulme Location: 17c, Chichester Road South, Manchester, M15 5PL Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	515	-	383389 396155
86	**Contemporary Trade Directory Entries** Name: Qiagen Location: Skelton House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SH Classification: Chemists' & Pharmacists' Suppliers & Wholesalers **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (E)	518	-	384411 396083
87	**Contemporary Trade Directory Entries** Name: Greenhey'S M O T Station Ltd Location: Unit 4 Monton Street, Monton Trading Estate, Manchester, Greater Manchester, M14 4LS Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	549	-	384354 395616
87	**Contemporary Trade Directory Entries** Name: Greenheys M O T Station Location: Unit 4 Monton Street,Monton Trading Estate, Manchester, Greater Manchester, M14 4LS Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	565	-	384369 395610
87	**Contemporary Trade Directory Entries** Name: Greenheys Workshop Location: Monton St, Manchester, M14 4LS Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	574	-	384350 395571
87	**Contemporary Trade Directory Entries** Name: A & Co Shutters Location: 69a, Monton Street, Manchester, M14 4LS Classification: Roller Shutter Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	575	-	384391 395623
88	**Contemporary Trade Directory Entries** Name: Williams Land Rover Location: Birchall Way, Manchester, M15 6DU Classification: Car Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (N)	575	-	383898 396562
89	**Contemporary Trade Directory Entries** Name: W M Engineering Ltd Location: Enterprise House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE Classification: Engineers - General **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	594	-	384435 396244
89	**Contemporary Trade Directory Entries** Name: Sensalyse Ltd Location: Enterprise House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE Classification: Laboratories **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	594	-	384435 396244

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	**Contemporary Trade Directory Entries** Name: Professional Cleaners Hulme Location: 17c Chichester Road, Manchester, Greater Manchester, M15 5PJ Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A12NE (NW)	626	-	383305 396244
91	**Contemporary Trade Directory Entries** Name: Oudscent Location: 2, Maine Road, Manchester, M14 4DW Classification: Perfume Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	656	-	384462 395585
91	**Contemporary Trade Directory Entries** Name: Olympics Ltd Location: 37-39 Upper Lloyd St, Manchester, Lancashire, M14 4HY Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	656	-	384462 395584
91	**Contemporary Trade Directory Entries** Name: Henson Hardware Location: 227-229, Great Western Street, Manchester, M14 4LG Classification: Hardware **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	690	-	384473 395541
91	**Contemporary Trade Directory Entries** Name: Caribbean Style Agency Location: 235, Great Western Street, Manchester, M14 4LQ Classification: Freight Forwarders **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	715	-	384502 395537
92	**Contemporary Trade Directory Entries** Name: Lig Biowise Ltd Location: Williams House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE Classification: Laboratory Equipment, Instruments & Supplies **Status: Active** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	660	-	384405 396410
93	**Contemporary Trade Directory Entries** Name: Derrick Pommells Location: Flat 91, Falcon Court, Dudley Close, Manchester, M15 5QD Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	674	-	383215 396119
94	**Contemporary Trade Directory Entries** Name: Travel Saveway & Cargo Ltd Location: 179, Princess Road, Manchester, M14 4RL Classification: Cargo Handling Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SW (S)	696	-	383848 395247
95	**Contemporary Trade Directory Entries** Name: Timpson Locksmiths Location: 187, Princess Road, Manchester, M14 4RL Classification: Hardware **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	723	-	383858 395219
95	**Contemporary Trade Directory Entries** Name: 1 Time Domestics Location: 92, Claremont Road, Manchester, M14 4RR Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	754	-	383843 395190
96	**Contemporary Trade Directory Entries** Name: Styal Assist Location: Unit 6, Windrush Millennium Centre, 70, Alexandra Road, Manchester, M16 7WD Classification: Car Component Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	737	-	383299 395519

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	**Contemporary Trade Directory Entries** Name The Moss Cider Project Location Manchester, M16 7WD Classification Cider Makers **Status** **Inactive** Positional Accuracy Automatically positioned to the address	A7NE (SW)	749	-	383268 395542
96	**Contemporary Trade Directory Entries** Name The Bamboo Group Ltd Location Unit 11, The Windrush Millenium Centre, 70, Alexandra Road, Manchester, M16 7WD Classification Distribution Services **Status** **Active** Positional Accuracy Automatically positioned to the address	A7NE (SW)	755	-	383276 395520
97	**Contemporary Trade Directory Entries** Name University Dental Hospital Of Manchester Location University Dental Hospital of Manchester, Higher Cambridge Street, Manchester, M15 6FH Classification Hospitals **Status** **Inactive** Positional Accuracy Automatically positioned to the address	A19SW (NE)	739	-	384383 396542
98	**Contemporary Trade Directory Entries** Name Best Cleaning Manchester Location 4, Gascoyne Street, Manchester, M14 4FU Classification Cleaning Services - Domestic **Status** **Inactive** Positional Accuracy Automatically positioned to the address	A9NW (SE)	774	-	384508 395449
99	**Contemporary Trade Directory Entries** Name I D Location 219, Hulme Walk, Manchester, M15 5FQ Classification Mechanical Engineers **Status** **Inactive** Positional Accuracy Automatically positioned to the address	A17NE (NW)	838	-	383486 396730
100	**Contemporary Trade Directory Entries** Name Dolly Tub Laundry Service Location 1a, Bonsall Street, Manchester, M15 6DR Classification Laundries & Launderettes **Status** **Active** Positional Accuracy Automatically positioned to the address	A18NE (N)	844	-	384034 396819
100	**Contemporary Trade Directory Entries** *Name The Dolly Tub* Location 1, Bonsall Street, Manchester, M15 6DR Classification Ironing & Home Laundry Services **Status** **Inactive** Positional Accuracy Automatically positioned to the address	A18NE (N)	844	-	384034 396819
101	**Contemporary Trade Directory Entries** Name Flanny Cleaning Services Location Flat 13, Hornchurch Court, Bonsall Street, Manchester, Lancashire, M15 6DS Classification Cleaning Services - Domestic **Status** **Inactive** Positional Accuracy Automatically positioned to the address	A18NE (N)	851	-	383943 396837
102	***Contemporary Trade Directory Entries*** Name Smart And Effective Cleaning And Support Services Location Flat 1, 1, New Welcome Street, Manchester, M15 5NA Classification Cleaning Services - Domestic **Status** **Inactive** Positional Accuracy Automatically positioned to the address	A18NW (N)	865	-	383561 396793
103	**Contemporary Trade Directory Entries** Name C S Autos Location 13, Moss Lane West, Manchester, M15 5PQ Classification Garage Services **Status** **Inactive** Positional Accuracy Automatically positioned to the address	A12SW (W)	875	-	383010 395863
104	**Contemporary Trade Directory Entries** Name Esso Location Oxford Road, Manchester, Greater Manchester, M13 9NR Classification Petrol Filling Stations **Status** **Active** Positional Accuracy Manually positioned within the geographical locality	A19SE (NE)	881	-	384596 396525

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	**Contemporary Trade Directory Entries** Name: Muprint Ltd Location: 28, Higher Cambridge Street, MANCHESTER, M15 6AA Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	894	-	384162 396839
106	**Contemporary Trade Directory Entries** Name: U-Print Location: Steve Biko Building, Oxford Road, Manchester, M13 9PR Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	894	-	384676 396430
106	**Contemporary Trade Directory Entries** Name: U Print Location: Manchester Students Union Oxford Road, Manchester, Greater Manchester, M13 9PR Classification: Copying & Duplicating Services **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A19SE (NE)	898	-	384681 396429
107	**Contemporary Trade Directory Entries** Name: Gordon Motors Location: 14 Bowes St, Manchester, M14 4UL Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	896	-	384008 395050
108	**Contemporary Trade Directory Entries** Name: Aayo Travel Cargo Location: 304, Claremont Road, Manchester, M14 4EP Classification: Cargo Handling Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SW (SE)	926	-	384403 395157
109	**Contemporary Trade Directory Entries** Name: Domestic Care Location: 352, Great Western Street, Manchester, M14 4BY Classification: Washing Machines - Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NE (SE)	927	-	384728 395503
109	**Contemporary Trade Directory Entries** Name: Domestic Care Appliance Ltd Location: 352, Great Western Street, Manchester, M14 4BY Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NE (SE)	927	-	384728 395503
110	**Contemporary Trade Directory Entries** Name: Sparkle & Gleam Ltd Location: 162A Chorlton Rd, Manchester, M16 7WW Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12SW (W)	953	-	382930 395878
111	**Contemporary Trade Directory Entries** Name: D S Y Automotive Ltd Location: 88-90 Chorlton Road, Manchester, Greater Manchester, M15 4AN Classification: Garage Services **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	954	-	382942 396181
111	**Contemporary Trade Directory Entries** Name: Trendleway Cleaners Ltd Location: Globe House, 92, Chorlton Road, Manchester, M15 4AL Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	962	-	382940 396207
111	**Contemporary Trade Directory Entries** Name: Tyre Vulcanising Heywood Ltd Location: 86-90, Chorlton Road, Manchester, M15 4AN Classification: Tyre Manufacturers & Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	990	-	382921 396247

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	**Contemporary Trade Directory Entries** Name: Burton Motorworks Location: 86-90, Chorlton Road, Manchester, M15 4AN Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	990	-	382921 396247
111	**Contemporary Trade Directory Entries** Name: Chorlton Road Garage Location: 86-90, Chorlton Road, Manchester, Lancashire, M15 4AN Classification: Garage Services **Status.: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	990	-	382921 396247
111	**Contemporary Trade Directory Entries** Name: Nuoe Location: 100 Chorlton Rd, Manchester, Lancashire, M15 4AN Classification: Office Furniture & Equipment **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	990	-	382921 396247
111	**Contemporary Trade Directory Entries** Name: Cornbrook Vehicle Recycling Location: 77, Cornbrook Street, Manchester, M16 7QB Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	998	-	382902 396206
111	**Contemporary Trade Directory Entries** Name: The Service Centre Ii Location: 75, Cornbrook Street, Manchester, M16 7QB Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	998	-	382902 396206
111	**Contemporary Trade Directory Entries** Name: Car Mot Station Location: 75, Cornbrook Street, Manchester, M16 7QB Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	998	-	382902 396206
111	**Contemporary Trade Directory Entries** Name: Car & Light Commercial M O T Station Location: 77 Cornbrook Street, Manchester, Greater Manchester, M16 7QB Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Manually positioned to the address or location	A12NW (W)	998	-	382902 396206
112	**Contemporary Trade Directory Entries** Name: U Products Co Ltd Location: Unity House, 42, Great Southern Street, Manchester, M14 4EZ Classification: Packaging & Wrapping Equipment & Supplies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NE (SE)	959	-	384679 395366
113	**Contemporary Trade Directory Entries** Name: J V Blinds Location: 26, Bradstock Road, Manchester, Lancashire, M16 7GJ Classification: Blinds, Awnings & Canopies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	965	-	383120 395379
114	**Contemporary Trade Directory Entries** Name: Thomas Griffiths & Son Ltd Location: 84, Chorlton Road, Manchester, M15 4AL Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	971	-	382943 396256
115	**Contemporary Trade Directory Entries** Name: Road Runners Removals Location: Kreativ House,2 Acker St, Rochdale, Lancashire, OL16 1HZ Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A19SE (NE)	974	-	384773 396418
116	**Contemporary Trade Directory Entries** Name: Cleos Cleaning Services Location: 131, Chorlton Road, MANCHESTER, M15 4JG Classification: Cleaning Services - Domestic **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	987	-	382992 396425

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	**Contemporary Trade Directory Entries** Name: Nuffield Health Diagnostic Location: Nelson Street, Manchester, Greater Manchester, M13 9NQ Classification: Hospitals **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	996	-	384870 396219
118	**Fuel Station Entries** Name: Asda Hulme Location: Greenhays Lane West Archway, Hulme , Manchester, Greater Manchester, M15 5AQ Brand: ASDA Premises Type: Hypermarket **Status: Open** Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	355	-	383694 396292
119	**Fuel Station Entries** Name: Alexandra Service Station Location: 95, Princess Road , Moss Side , Manchester, Greater Manchester, M14 4TH Brand: Obsolete Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A8NW (S)	371	-	383845 395575
120	**Fuel Station Entries** Name: Cordingley Service Station Location: 353, Moss Lane East , , Manchester, Greater Manchester, M14 4PY Brand: OBSOLETE Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Approximate location provided by supplier	A14SE (E)	734	-	384612 395722
121	**Points of Interest - Commercial Services** Name: Car Wash Location: Greenhays Lane West, Archway, Hulme, Manchester, Lancashire, M15 5AQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (NW)	355	9	383694 396292
121	**Points of Interest - Commercial Services** Name: Asda Hulme Location: Greenhays Lane West, Archway, Hulme, Manchester, M15 5AQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18SW (NW)	388	9	383681 396323
122	**Points of Interest - Commercial Services** Name: Bob's Auto Locksmiths Location: Derry House, Greenheys Lane, Manchester, M15 6NQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (NE)	456	9	384226 396303
122	**Points of Interest - Commercial Services** Name: Cedric's Motors Location: 1-5 Greenheys Lane, Manchester, M15 6NQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	478	9	384232 396328
122	**Points of Interest - Commercial Services** Name: Cedric's Motors Location: 1-5 Greenheys Lane, Manchester, M15 6NQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	479	9	384232 396329
123	**Points of Interest - Commercial Services** Name: Greenheys M O T Station Location: Unit 4 Monton Street, Monton Trading Estate, Manchester, M14 4LS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SW (SE)	543	9	384374 395656
124	**Points of Interest - Commercial Services** Name: Repair A Screen Location: 32 Holdgate Close, Manchester, M15 5EP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	582	9	383405 396330

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
124	**Points of Interest - Commercial Services** Name: Repair A Screen Location: 32 Holdgate Close, Manchester, M15 5EP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	582	9	383405 396329
125	**Points of Interest - Commercial Services** Name: Greenheys MOT Station Location: Monton Street, Manchester, M14 4LS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	597	9	384373 395563
126	**Points of Interest - Commercial Services** Name: The Bamboo Group Ltd Location: 70 Alexandra Road, Manchester, M16 7WD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	690	9	383315 395578
127	**Points of Interest - Commercial Services** Name: Travel Saveway & Cargo Ltd Location: 179 Princess Road, Manchester, M14 4RL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8SW (S)	696	9	383848 395247
128	**Points of Interest - Commercial Services** Name: Caribbean Style Agency Location: 235 Great Western Street, Manchester, M14 4LQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9NW (SE)	715	9	384501 395536
129	**Points of Interest - Commercial Services** Name: Express Cargo UK Ltd Location: Unit C 88-90, Chorlton Road, Old Trafford, M15 4AN Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NW (W)	977	9	382931 396234
129	**Points of Interest - Commercial Services** Name: Chorlton Garage Location: 86-90 Chorlton Road, Manchester, M15 4AN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	990	9	382920 396246
129	**Points of Interest - Commercial Services** Name: Tyre Vulcanising Heywood Ltd Location: 86-90 Chorlton Road, Manchester, M15 4AN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	990	9	382920 396246
129	**Points of Interest - Commercial Services** Name: Car MOT Station Location: 75 Cornbrook Street, Manchester, M16 7QB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	998	9	382902 396206
129	**Points of Interest - Commercial Services** Name: Car & Light Commercial MOT Station Location: 77 Cornbrook St, Manchester, Lancashire, M16 7QB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	998	9	382902 396206
129	**Points of Interest - Commercial Services** Name: Car & Light Commercial M O T Station Location: 77 Cornbrook Street, Manchester, M16 7QB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	998	9	382902 396205
129	**Points of Interest - Commercial Services** Name: Chris's Auto Repairs Location: 75 Cornbrook Street, Manchester, M16 7QB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	998	9	382902 396206

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	**Points of Interest - Education and Health** Name: Bridgewater Hospital Location: 120 Princess Road, Manchester, M15 5AT Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A13SW (SW)	101	9	383799 395917
130	**Points of Interest - Education and Health** Name: Bridgewater Hospital Location: 120 Princess Road, Manchester, M15 5AT Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A13SW (SW)	101	9	383799 395917
130	**Points of Interest - Education and Health** Name: Bridgewater Wellness Clinic Location: 120 Princess Road, Manchester, M15 5AT Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A13SW (SW)	102	9	383798 395916
131	**Points of Interest - Education and Health** Name: University Dental Hospital of Manchester Location: University Dental Hospital of Manchester, Higher Cambridge Street, Manchester, M15 6FH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A19SW (NE)	739	9	384383 396542
131	**Points of Interest - Education and Health** Name: University Dental Hospital Location: University Dental Hospital of Manchester, Higher Cambridge Street, Manchester, M15 6FH Category: Health Practitioners and Establishments Class Code: Accident & Emergency Department Positional Accuracy: Positioned to address or location	A19SW (NE)	739	9	384383 396542
131	**Points of Interest - Education and Health** Name: University Dental Hospital Location: University Dental Hospital of Manchester, Higher Cambridge Street, Manchester, M15 6FH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A19SW (NE)	739	9	384383 396542
132	**Points of Interest - Manufacturing and Production** Name: Tank Location: M15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	29	9	383867 395943
132	**Points of Interest - Manufacturing and Production** Name: Tank Location: M15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	88	9	383846 395879
133	**Points of Interest - Manufacturing and Production** Name: Tanks Location: M15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	72	9	383937 395874
134	**Points of Interest - Manufacturing and Production** Name: Tank Location: M15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	110	9	383769 396012
135	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	115	9	384027 395935

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
135	**Points of Interest - Manufacturing and Production** Name: Works Location: M14 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	115	9	384027 395934
136	**Points of Interest - Manufacturing and Production** Name: Vetter Location: 3 Archway, Manchester, M15 5QJ Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A18SW (N)	418	9	383785 396395
137	**Points of Interest - Manufacturing and Production** Name: Factory Location: M15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18SE (NE)	463	9	384225 396314
137	**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	A19SW (NE)	473	9	384245 396308
138	**Points of Interest - Manufacturing and Production** Name: Manchester Science Partnerships Location: Kilburn House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A14NW (NE)	614	9	384440 396280
138	**Points of Interest - Manufacturing and Production** Name: Manchester Science Park Location: Kilburn House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A14NW (NE)	614	9	384440 396280
138	**Points of Interest - Manufacturing and Production** Name: Manchester Science Park Location: Kilburn House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A14NW (NE)	614	9	384440 396280
139	**Points of Interest - Manufacturing and Production** Name: Works Location: M16 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	969	9	382915 395866
140	**Points of Interest - Manufacturing and Production** Name: Factory Location: M14 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A9NE (SE)	969	9	384699 395377
140	**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	A9NE (SE)	971	9	384697 395371
141	**Points of Interest - Manufacturing and Production** Name: Natural Marble Ltd Location: 73 Cornbrook Street, Manchester, M16 7QB Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A12NW (W)	998	9	382902 396205

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
142	**Points of Interest - Public Infrastructure** Name: Fire Location: Moss Side Fire Station 9, Denhill Road, Manchester, M15 5NR Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A13SW (W)	143	9	383745 395930
142	**Points of Interest - Public Infrastructure** Name: Greater Manchester Fire & Rescue Services Location: Moss Side Fire Station 9, Denhill Road, Manchester, M15 5NR Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A13SW (W)	143	9	383745 395930
142	**Points of Interest - Public Infrastructure** Name: Moss Side Fire Station Location: Moss Side Fire Station 9, Denhill Road, Manchester, M15 5NR Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A13SW (W)	144	9	383745 395929
143	**Points of Interest - Public Infrastructure** Name: Greenheys Section Divisional Police Headquarters Location: Greenheys Police Station, Charles Halle Road, Manchester, M15 6NP Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A13NE (NE)	191	9	384059 396090
144	**Points of Interest - Public Infrastructure** Name: Hulme Location: 100 Princess Road, Manchester, M15 5AS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	354	9	383694 396291
144	**Points of Interest - Public Infrastructure** Name: Asda Petrol Location: 100 Princess Road, Manchester, M15 5AS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	355	9	383694 396292
144	**Points of Interest - Public Infrastructure** Name: Asda Hulme Location: Greenhays Lane West, Archway, Hulme, Manchester, M15 5AQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	355	9	383694 396292
145	**Points of Interest - Public Infrastructure** Name: Casade Security Ltd Location: 105 Eagle Court, Manchester, Lancashire, M15 5QE Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A12NW (W)	728	9	383158 396111
146	**Points of Interest - Public Infrastructure** Name: Bus Depot Location: M14 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	969	9	384061 394983
147	**Points of Interest - Public Infrastructure** Name: Recycle-It Location: 86-90 Chorlton Road, Manchester, M15 4AN Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A12NW (W)	990	9	382921 396247
148	**Points of Interest - Recreational and Environmental** Name: Playground Location: Sargent Drive, M16 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A12SE (W)	461	9	383442 395832
149	**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	A8NW (SW)	481	9	383609 395565

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	**Points of Interest - Recreational and Environmental** Name: Playground Location: Great Western Street, M16 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8NW (SW)	481	9	383609 395565
150	**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	A8NE (S)	603	9	383995 395344
151	**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)	611	9	383371 395637
151	**Points of Interest - Recreational and Environmental** Name: Playground Location: Alexandra Road, M16 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	619	9	383363 395636
152	**Points of Interest - Recreational and Environmental** Name: Playground Location: Clayton Close, M15 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A12NW (W)	786	9	383096 396085
152	**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	A12NW (W)	791	9	383091 396085
153	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	798	9	384710 395957
153	**Points of Interest - Recreational and Environmental** Name: Playground Location: Denmark Road, M15 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14SE (E)	799	9	384711 395956
154	**Points of Interest - Recreational and Environmental** Name: Playground Location: Nursery Street, M16 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8SW (S)	960	9	383791 394988
155	**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	A18NW (N)	964	9	383692 396933
155	**Points of Interest - Recreational and Environmental** Name: Playground Location: Leaf Street, M15 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18NW (N)	972	9	383687 396941
156	**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	A9NE (SE)	995	9	384693 395326

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

Data Currency

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	January 2019	Quarterly
Water Abstractions Environment Agency - North West Region	January 2019	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	Annually
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	Annually
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	January 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2019	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2019	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2019	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2019	Quarterly
Flood Defences Environment Agency - Head Office	February 2019	Quarterly
OS Water Network Lines Ordnance Survey	October 2018	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Data Currency

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	July 2018	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - North West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - North West Region - South Area	July 2018	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - North West Region - South Area	January 2019	Quarterly
Local Authority Landfill Coverage		
Bury Metropolitan Borough Council	May 2000	Not Applicable
Manchester City Council - Planning Department	May 2000	Not Applicable
Salford City Council - Environmental Health Department	May 2000	Not Applicable
Stockport Metropolitan Borough Council - Environmental Health Department, EEDD	May 2000	Not Applicable
Tameside Metropolitan Borough Council	May 2000	Not Applicable
Trafford Metropolitan Borough Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Bury Metropolitan Borough Council	May 2000	Not Applicable
Manchester City Council - Planning Department	May 2000	Not Applicable
Salford City Council - Environmental Health Department	May 2000	Not Applicable
Stockport Metropolitan Borough Council - Environmental Health Department, EEDD	May 2000	Not Applicable
Tameside Metropolitan Borough Council	May 2000	Not Applicable
Trafford Metropolitan Borough Council - Environmental Health Department	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - North West Region - South Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - North West Region - South Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - North West Region - South Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Trafford Metropolitan Borough Council	April 2016	Variable
Bury Metropolitan Borough Council	February 2016	Variable
Manchester City Council - Planning Department	February 2016	Variable
Stockport Metropolitan Borough Council - Environment and Economic Development	February 2016	Variable
Tameside Metropolitan Borough Council - Planning and Building Control	February 2016	Variable
Salford City Council	June 2016	Variable
Planning Hazardous Substance Consents		
Trafford Metropolitan Borough Council	April 2016	Variable
Bury Metropolitan Borough Council	February 2016	Variable
Manchester City Council - Planning Department	February 2016	Variable
Stockport Metropolitan Borough Council - Environment and Economic Development	February 2016	Variable
Tameside Metropolitan Borough Council - Planning and Building Control	February 2016	Variable
Salford City Council	June 2016	Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2018	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	October 2015	Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Data Currency

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2019	Quarterly
Fuel Station Entries Catalist Ltd - Experian	March 2019	Quarterly
Gas Pipelines National Grid	July 2014	
Points of Interest - Commercial Services PointX	November 2018	Quarterly
Points of Interest - Education and Health PointX	November 2018	Quarterly
Points of Interest - Manufacturing and Production PointX	November 2018	Quarterly
Points of Interest - Public Infrastructure PointX	November 2018	Quarterly
Points of Interest - Recreational and Environmental PointX	November 2018	Quarterly
Underground Electrical Cables National Grid	December 2015	

Data Currency

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

Data Suppliers

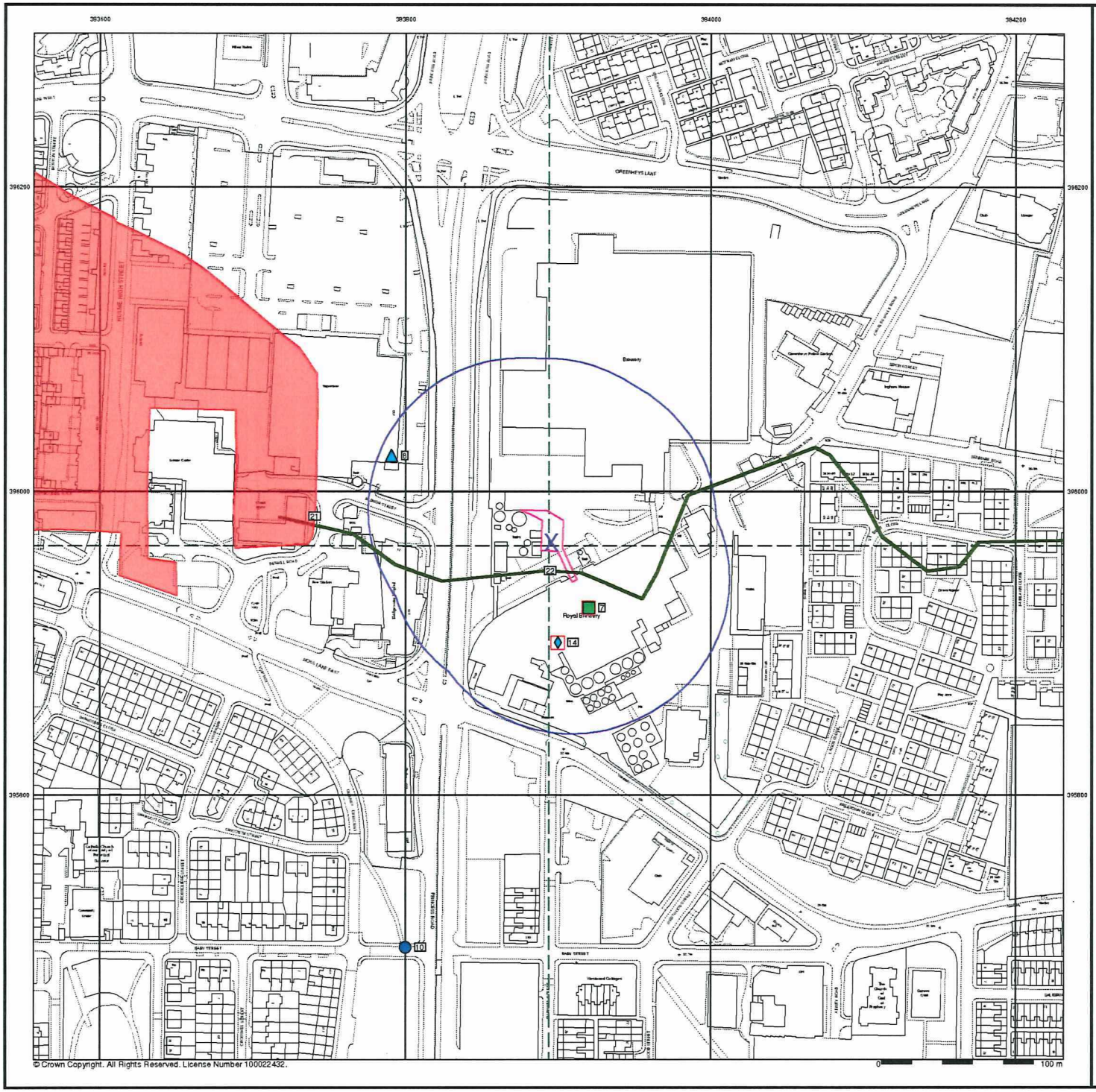
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEPA Scottish Environment Protection Agency
The Coal Authority	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	Cyfoeth Naturiol Cymru Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Peter Brett Associates	pba peterbrett

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone 0115 936 3143 Fax 0115 936 3276 Email enquiries@bgs ac uk Website www bgs ac uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone 03708 506 506 Email enquiries@environment-agency gov uk
3	**Manchester City Council - Environmental Health Department** PO Box 463, Town Hall Extension, Albert Square, Manchester, Greater Manchester, M60 3NY	Telephone 0161 234 4884 / 234 4873 Fax 0161 234 4508 Website www manchester gov uk
4	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone 01454 624400 Fax 01454 624409
5	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone 03456 05 05 05 Email customerservices@ordnancesurvey co uk Website www ordnancesurvey gov uk
6	**Manchester City Council - Planning Department** Town Hall, Manchester, Greater Manchester, M60 2LA	Telephone 0161 234 5000 Fax 0161 234 4508 Website www manchester gov uk
7	**Trafford Metropolitan Borough Council - Environmental Health Department** P O Box 14, Trafford Town Hall, Talbot Road, Stretford, Greater Manchester, M32 0YJ	Telephone 0161 912 4566 Fax 0161 873 7783 Website www trafford gov uk
8	**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
9	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website www pointx co uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone 01235 822622 Fax 01235 833891 Email radon@phe gov uk Website www ukradon org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone 0844 844 9952 Fax 0844 844 9951 Email customerservices@landmarkinfo co uk Website www landmarkinfo co uk

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


383600
383800
384000
384200
396200
396000
395800
Royal Brewery
Brewery
Lower Cutler
Upper Cutler
Higher Warren
Club
Union
Hulme High Street
Greenheys Lane
Princess Road
Bath Street
Bath Terrace
Bath Lane
Bath Lane East
Bath Lane West
Denmark Road
Denmark Close
Denmark Court
Denmark Street
Denmark Walk
Cromwell Road
Cromwell Close
Cromwell Court
Cromwell Grove
Cromwell Street
Cromwell Terrace
Cromwell Walk
Cromwell Way
Bridgeman Close
Bridgeman Street
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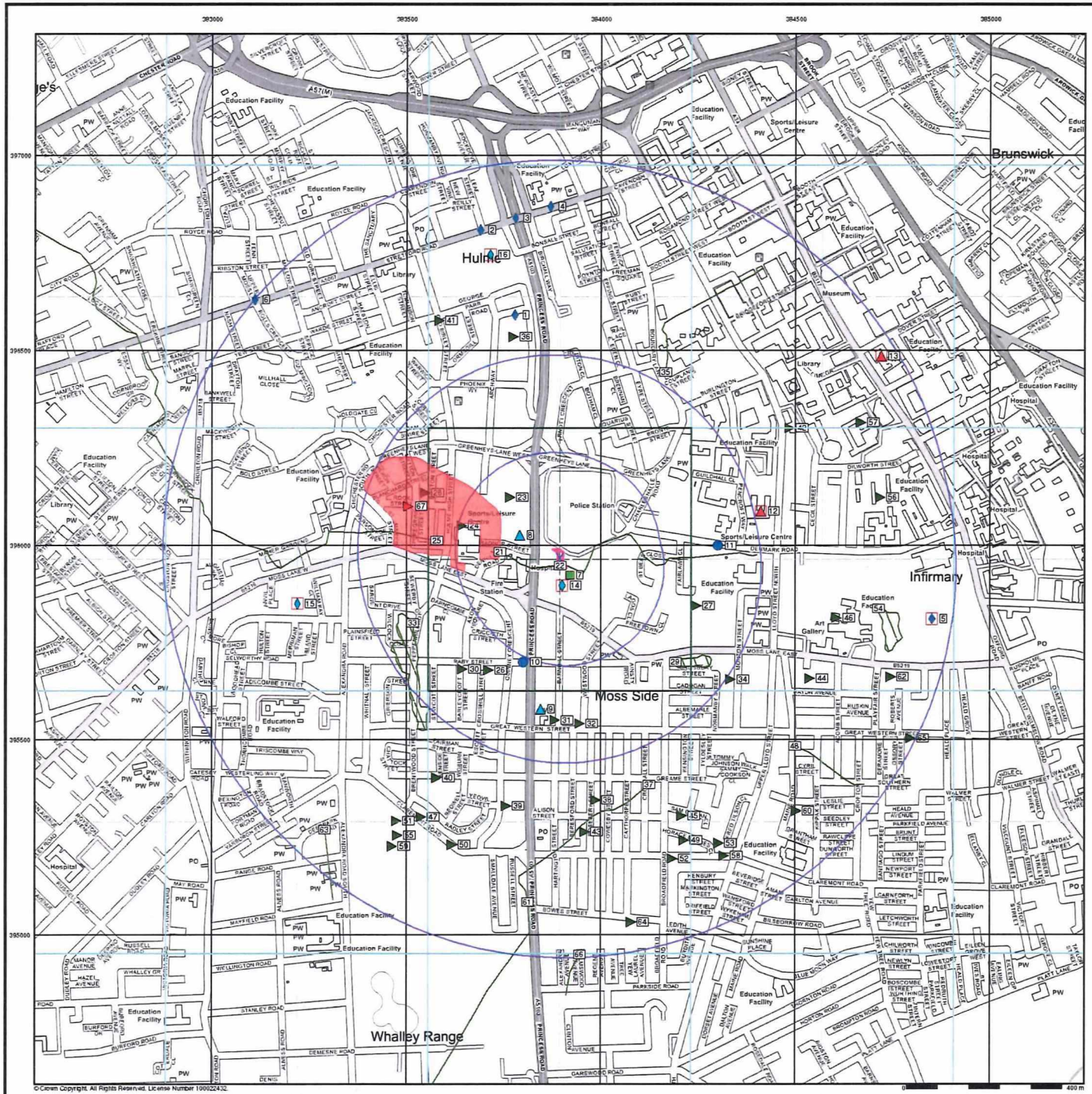
Bridgeman Walk
Bridgeman Way
Bridgeman Court
Bridgeman Grove
Bridgeman Road
Bridgeman Square



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

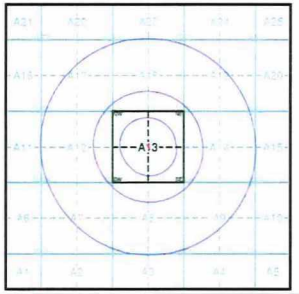
Agency and Hydrological
- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention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

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

Geological
- BGS Recorded Mineral Site

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

Site Sensitivity Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

CHP Plant, Brewery, Denmark Road, MANCHESTER, M15 6LD

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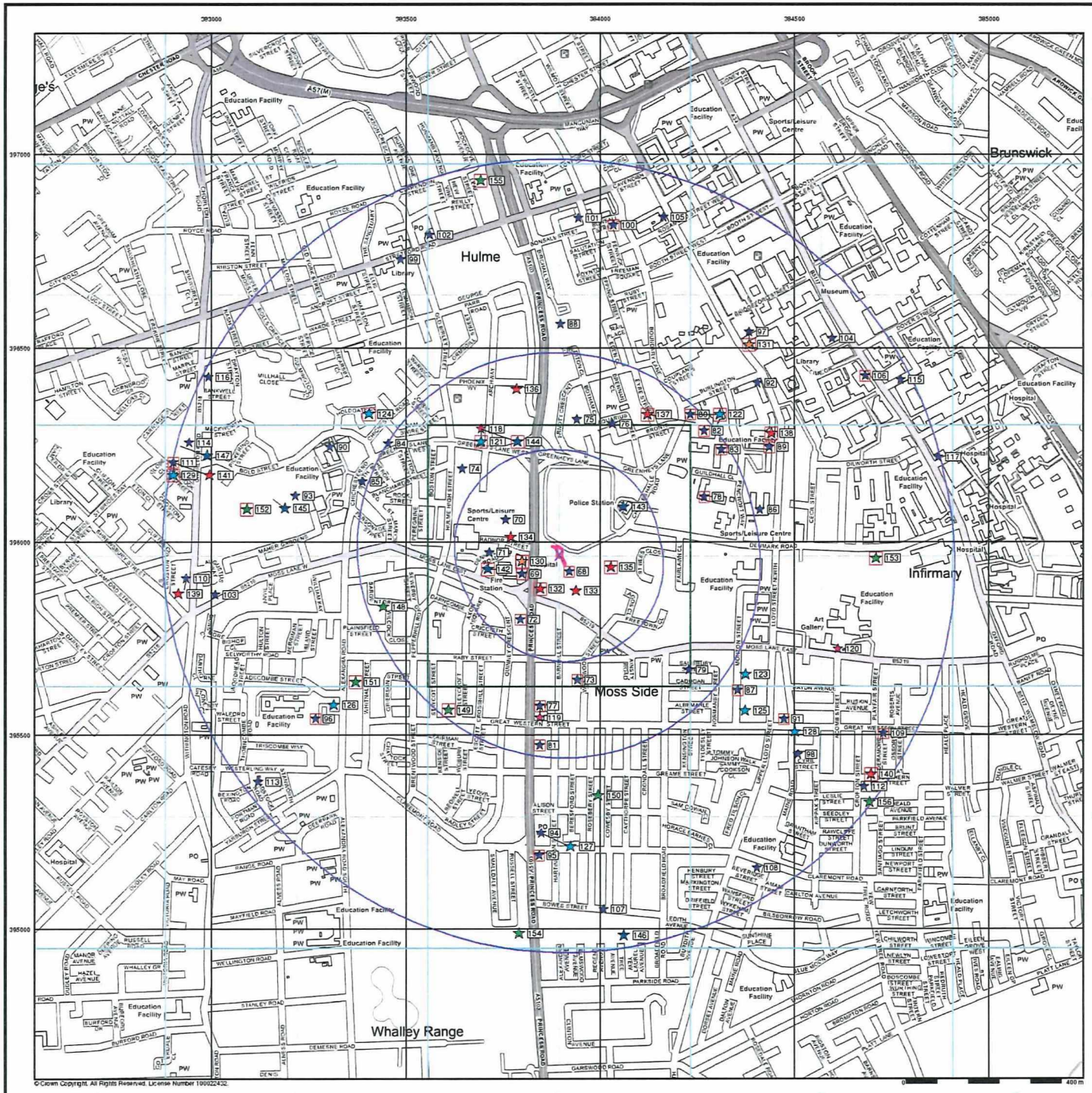
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Industrial Land Use Map

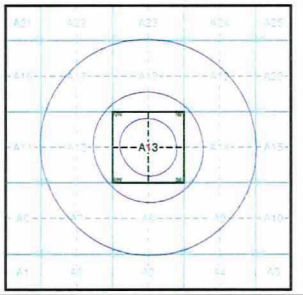
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



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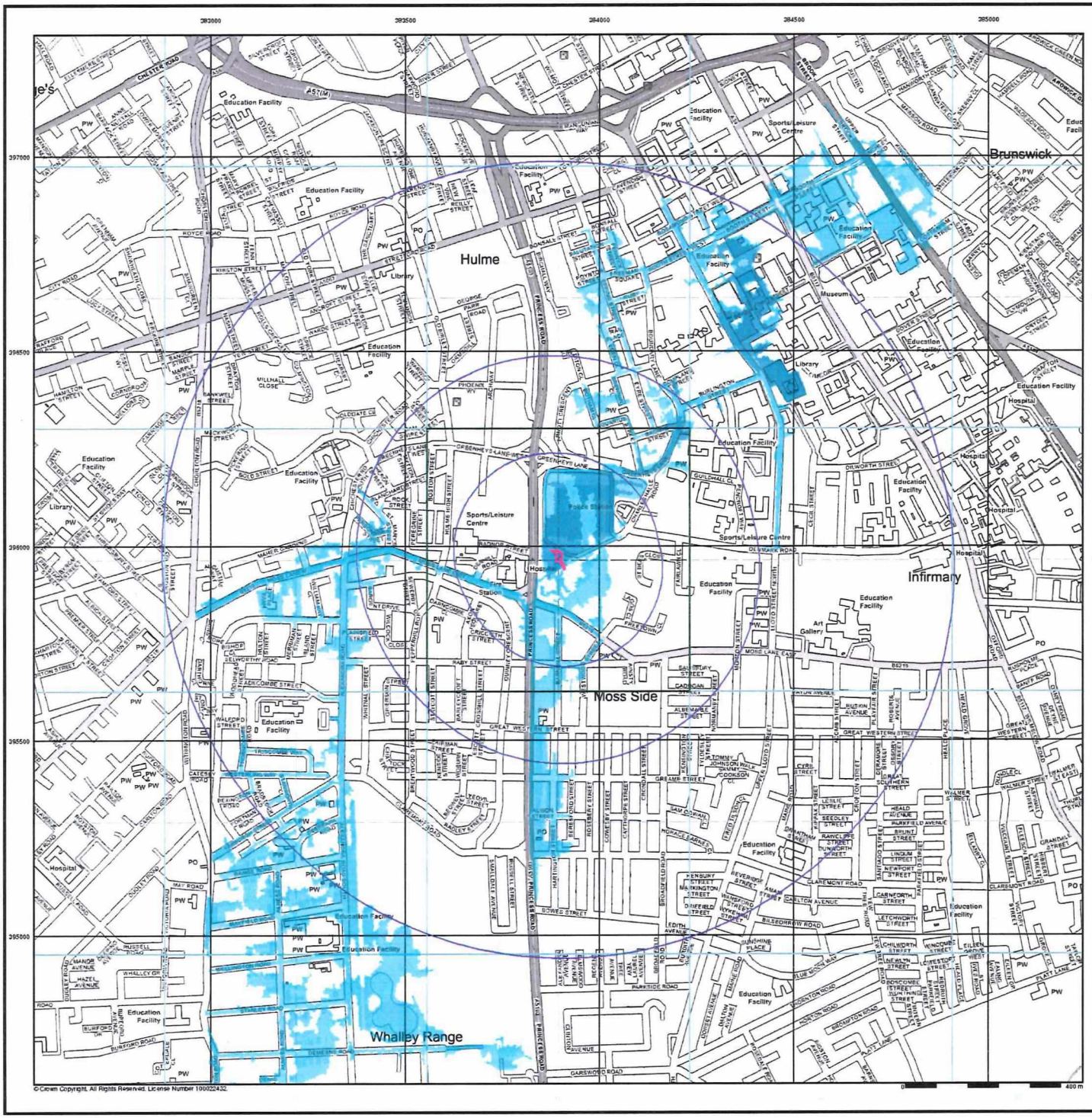

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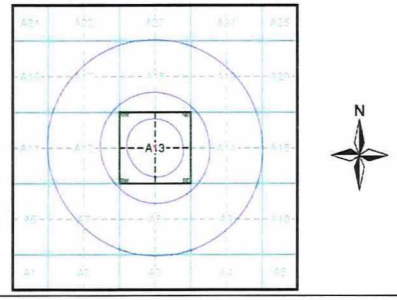
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

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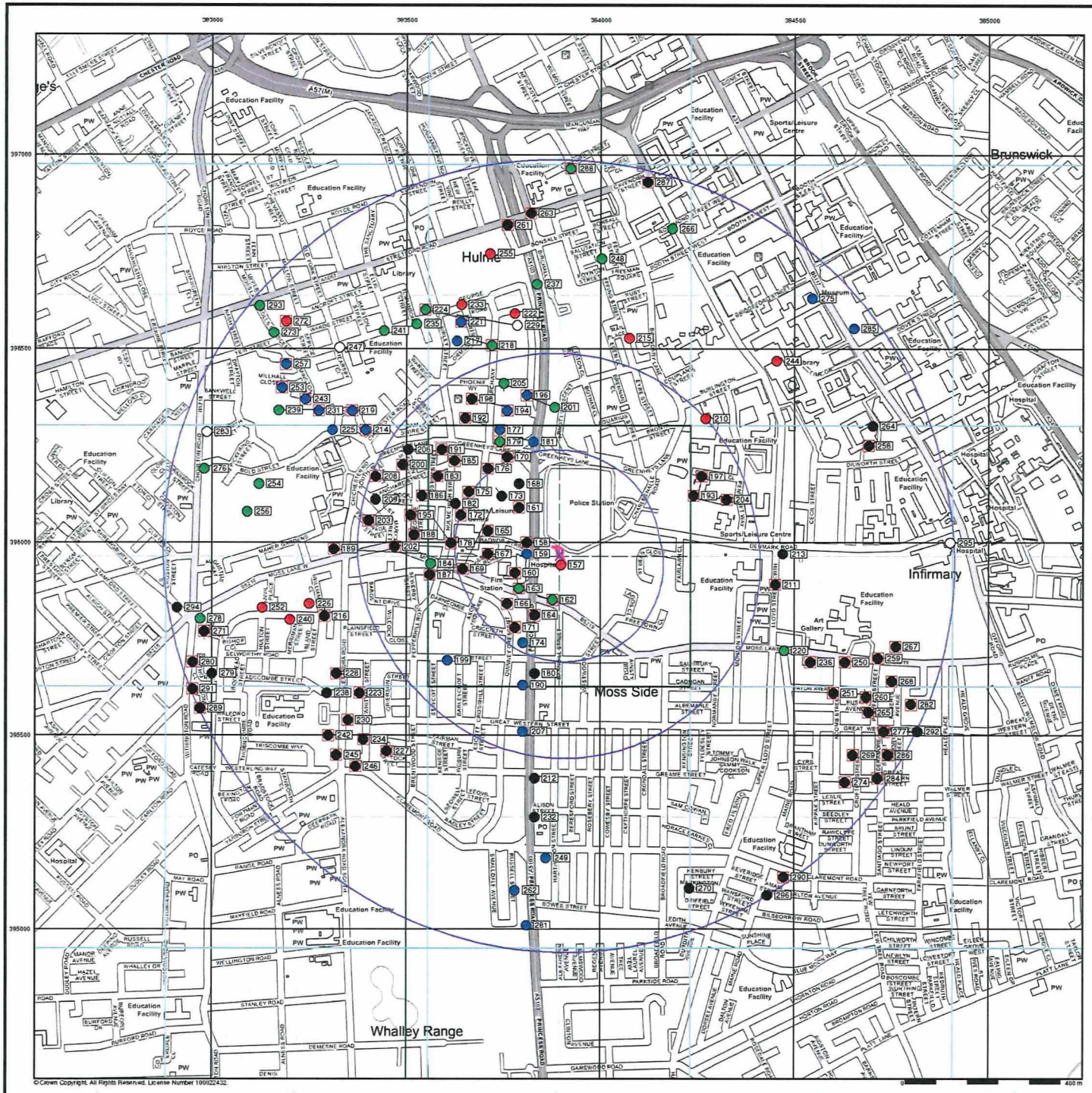

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- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

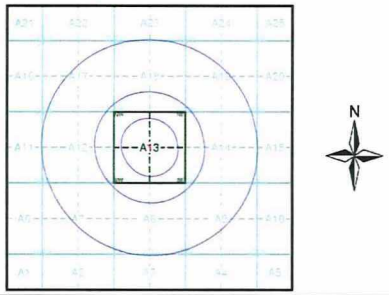
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



Order Details

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Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

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General

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

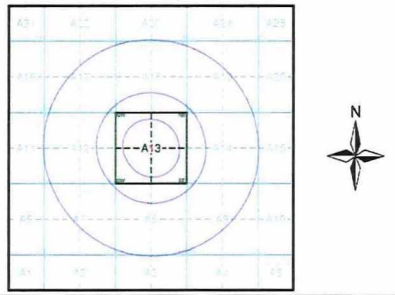
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

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Fax: 0844 844 9951
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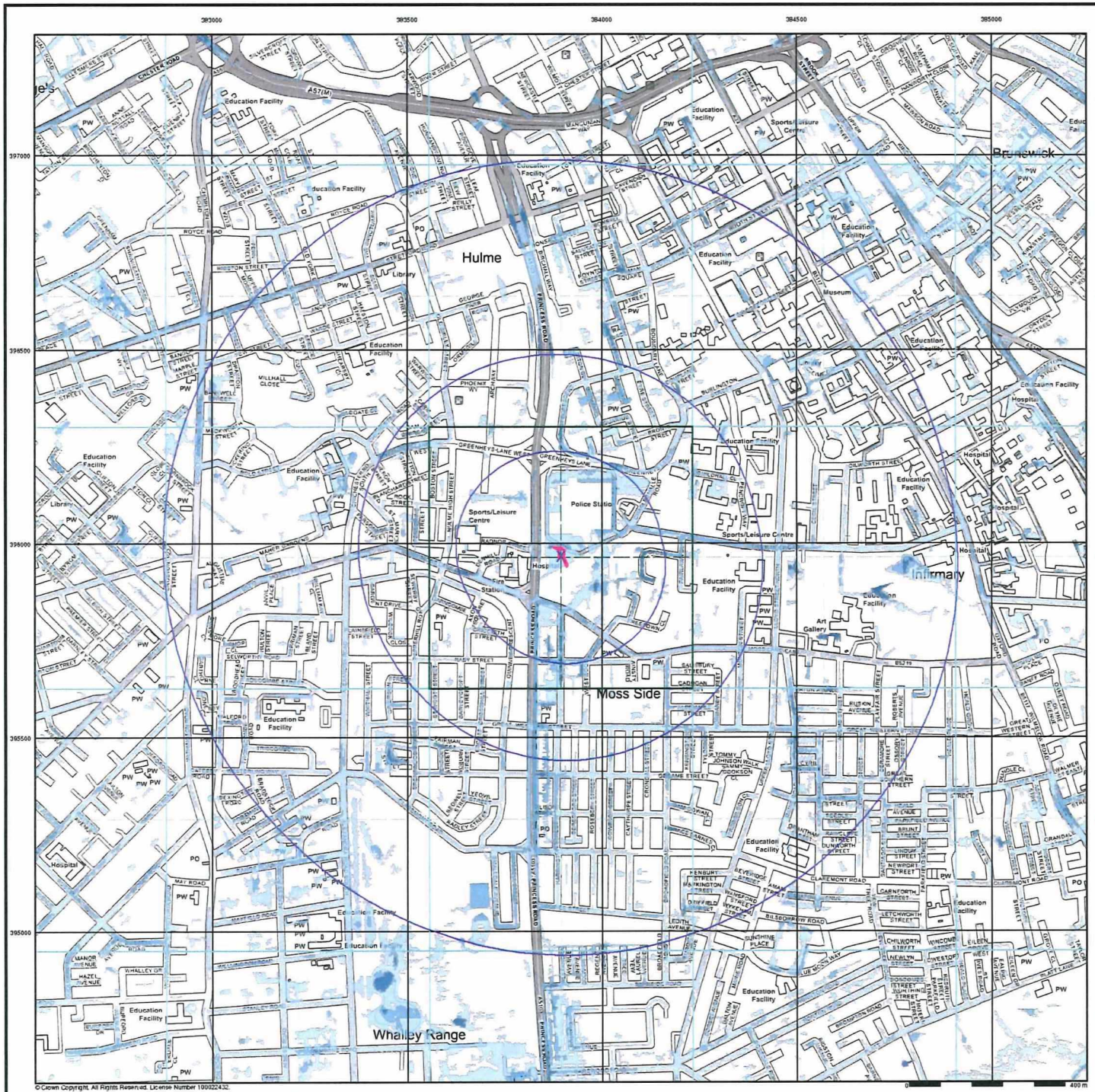

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General

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

Risk of Flooding from Surface Water

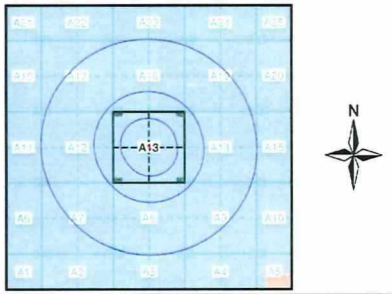
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

CHP Plant, Brewery, Denmark Road, MANCHESTER, M15 6LD

Landmark INFORMATION GROUP

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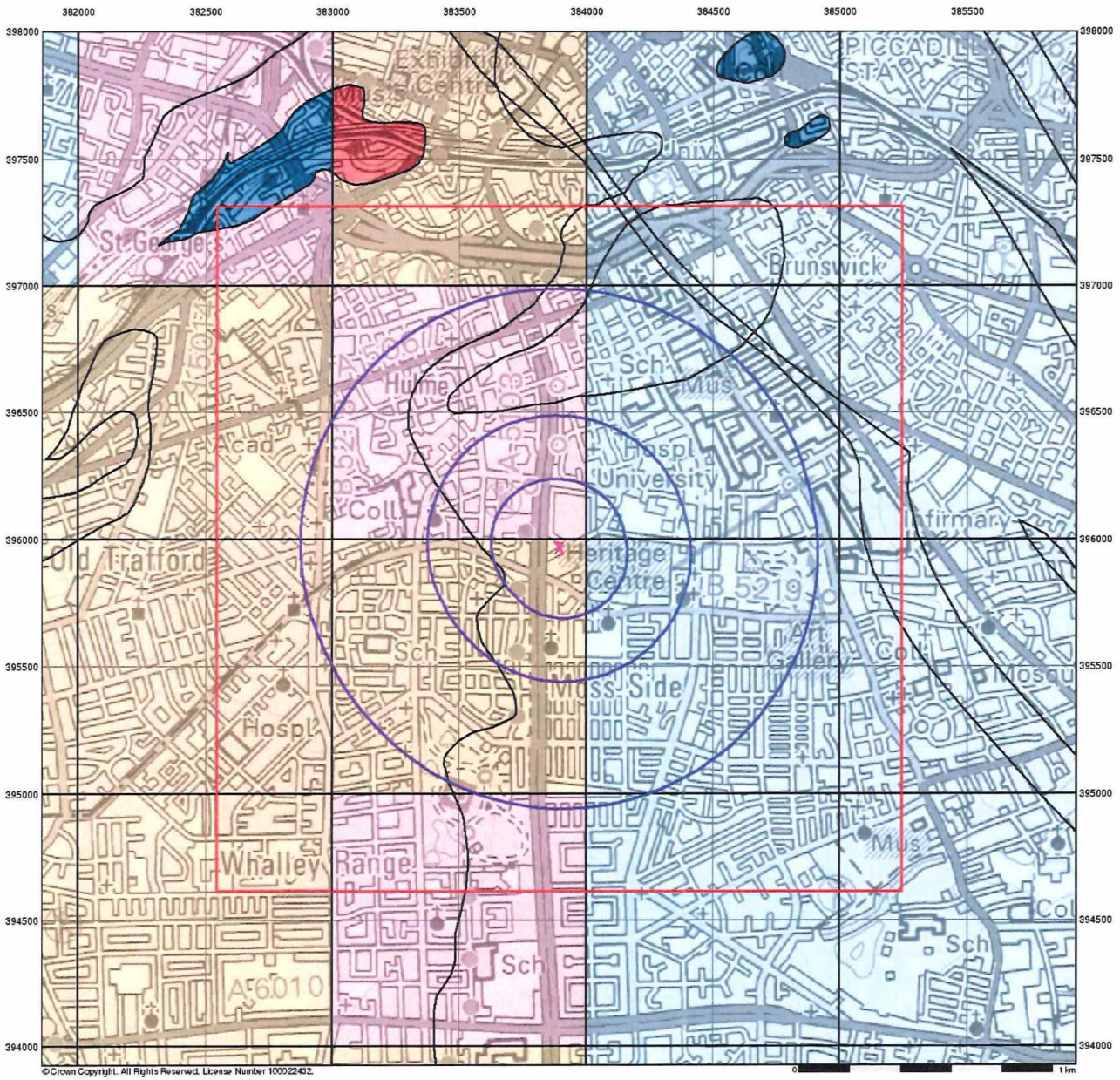

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Groundwater Vulnerability

General

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

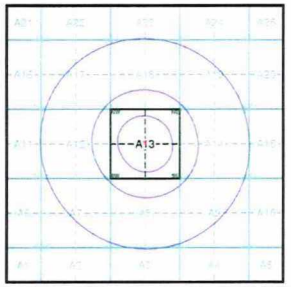
Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

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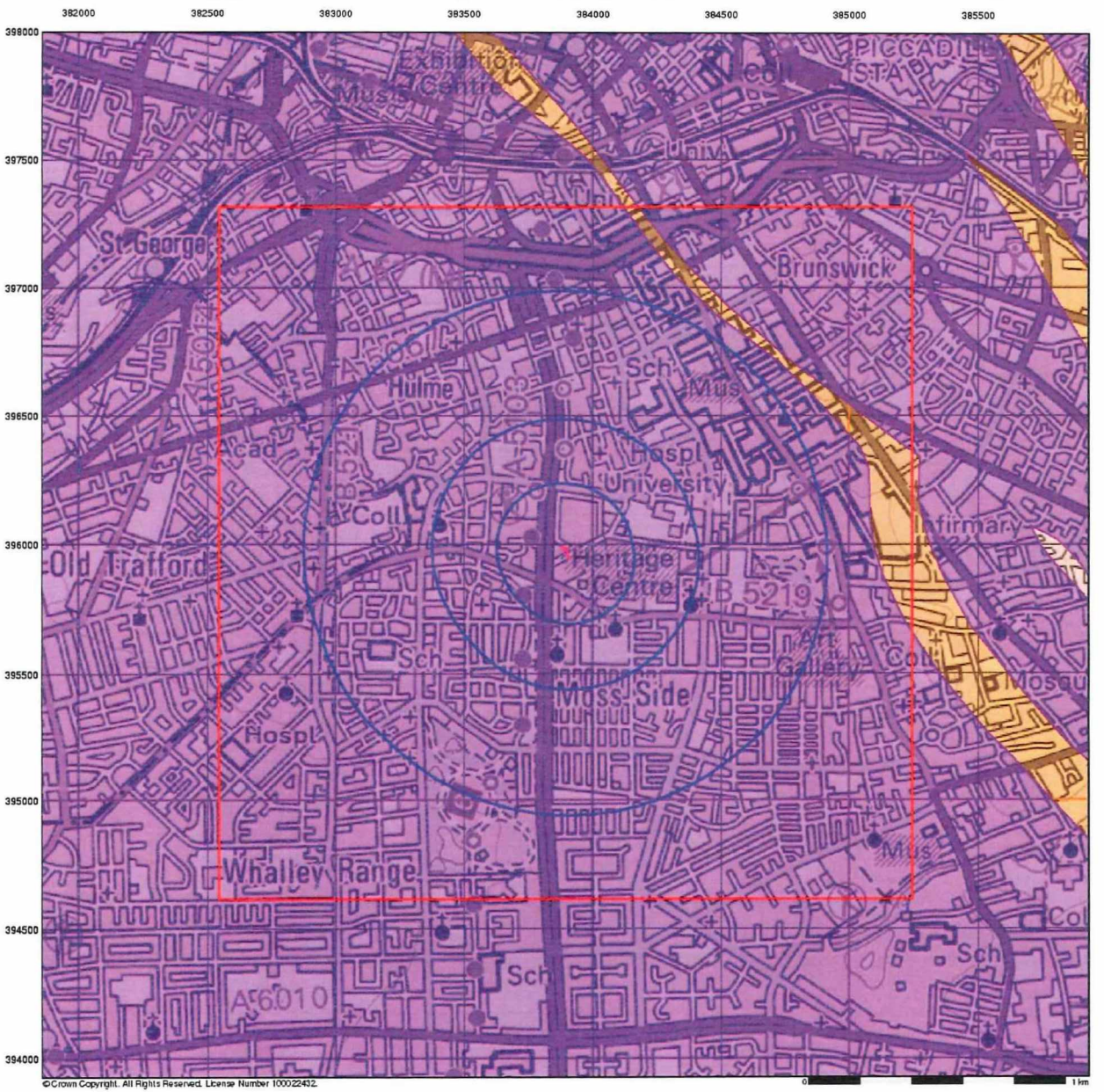

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Bedrock Aquifer Designation

General

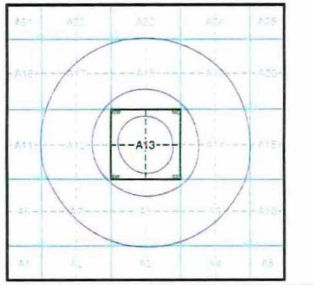
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

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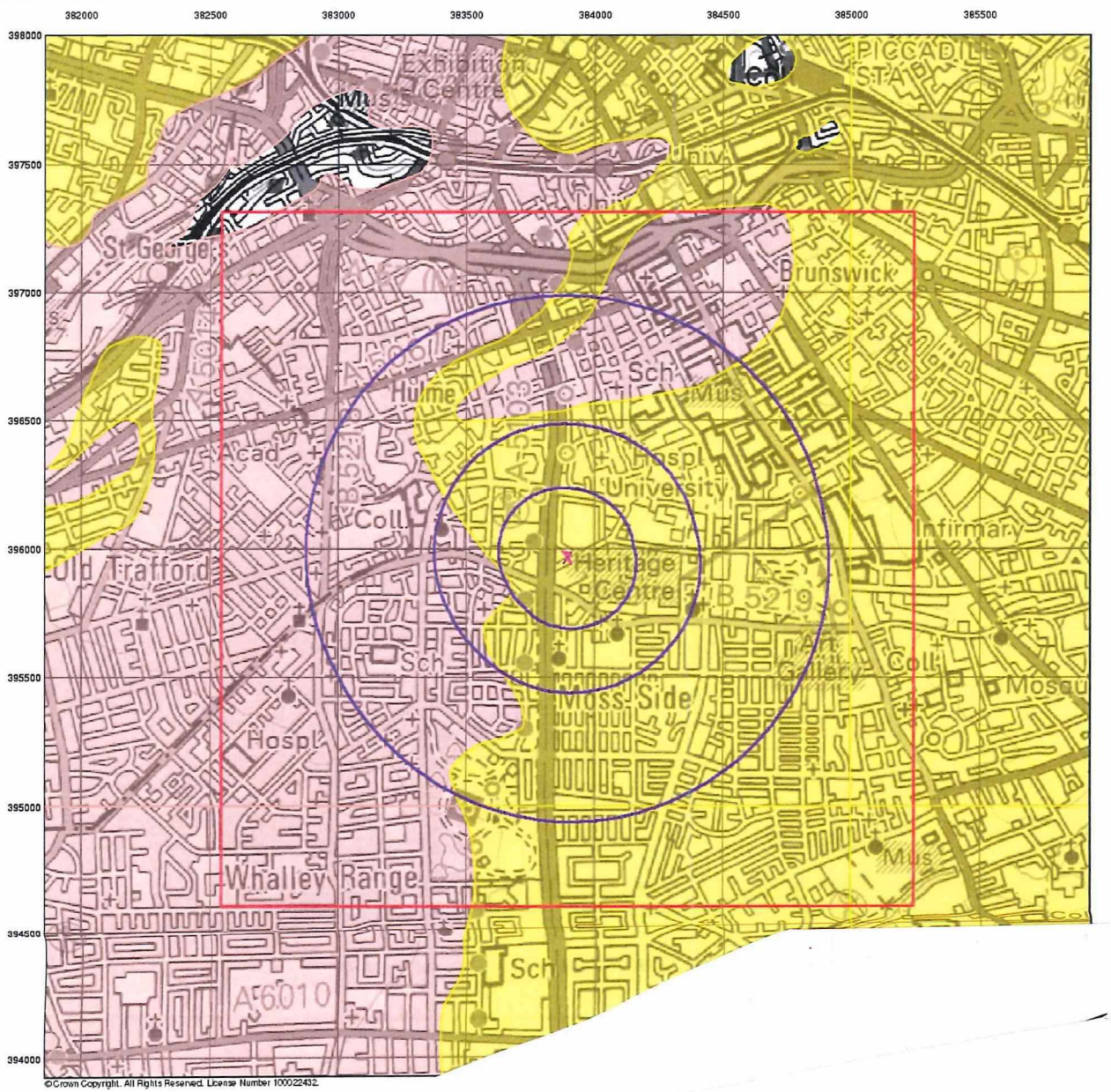

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Superficial Aquifer Designation

General

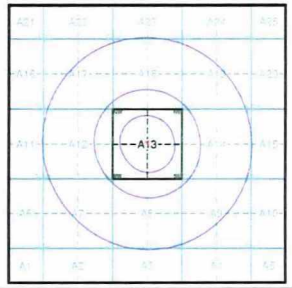
Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

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Customer Ref:	J1790
National Grid Reference:	383990, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

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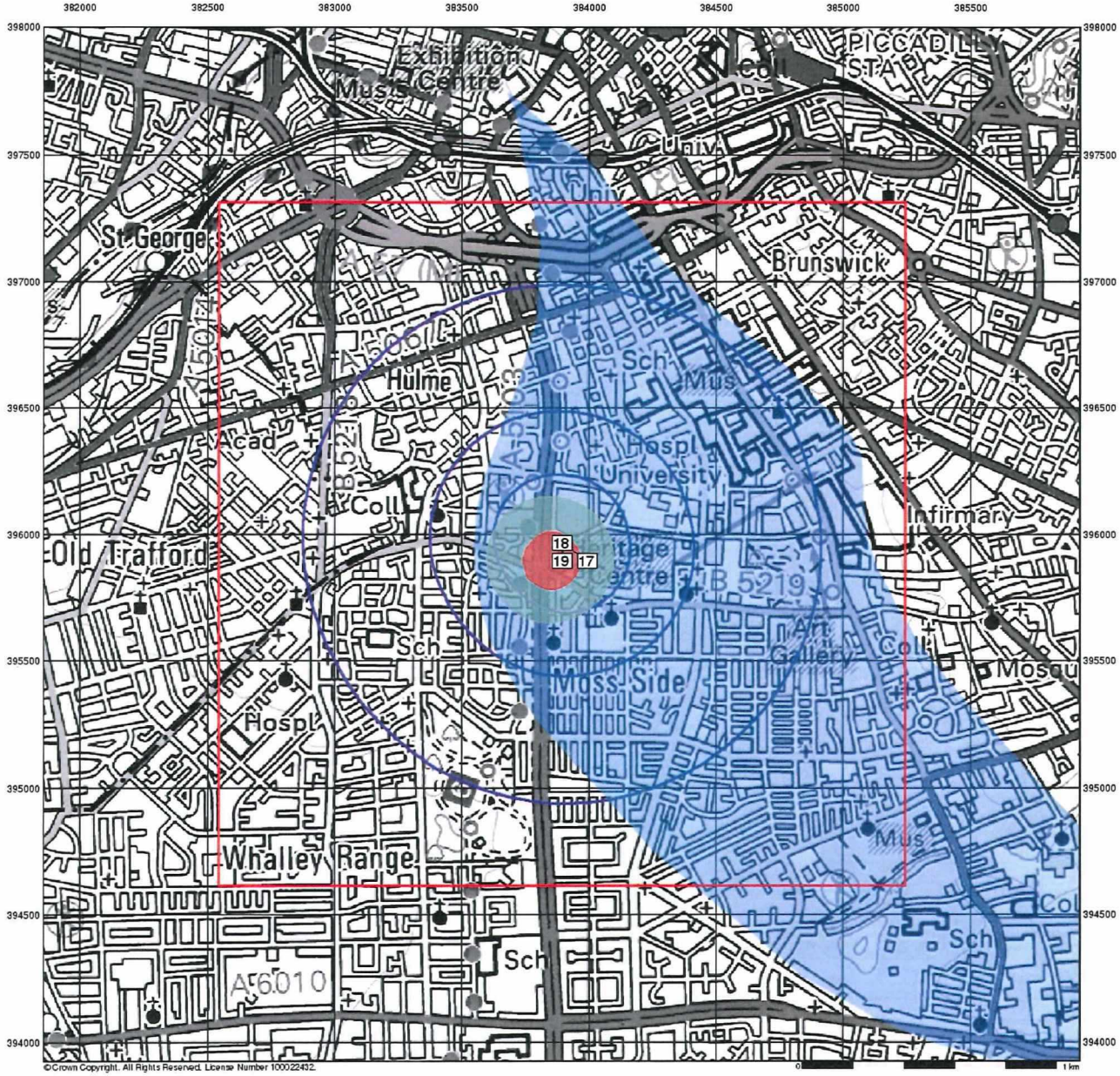

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Source Protection Zones

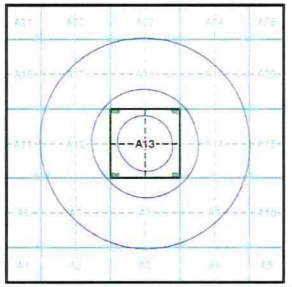
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



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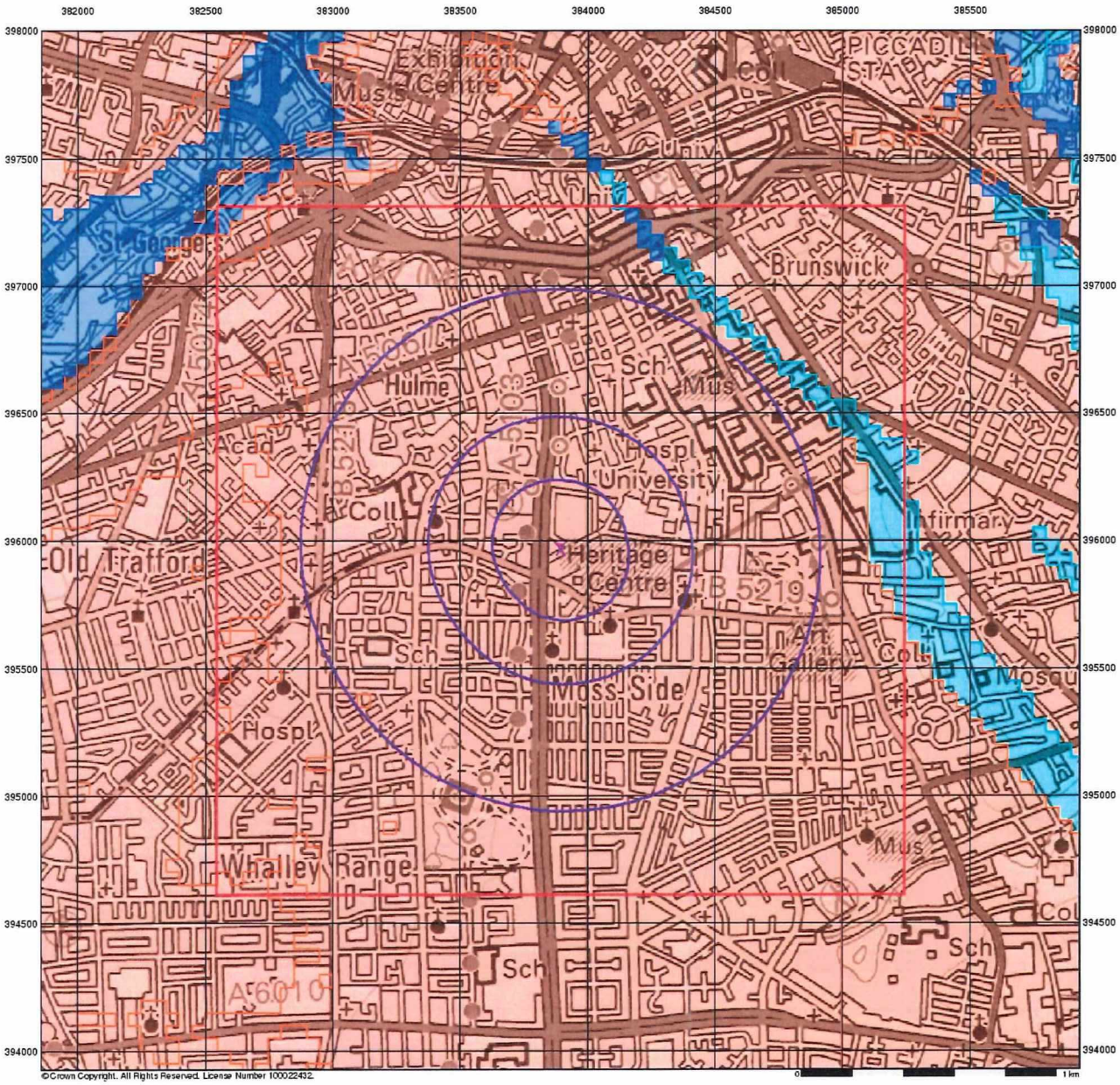

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BGS Flood GFS Data

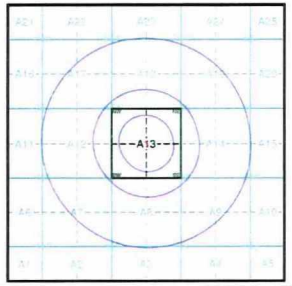
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

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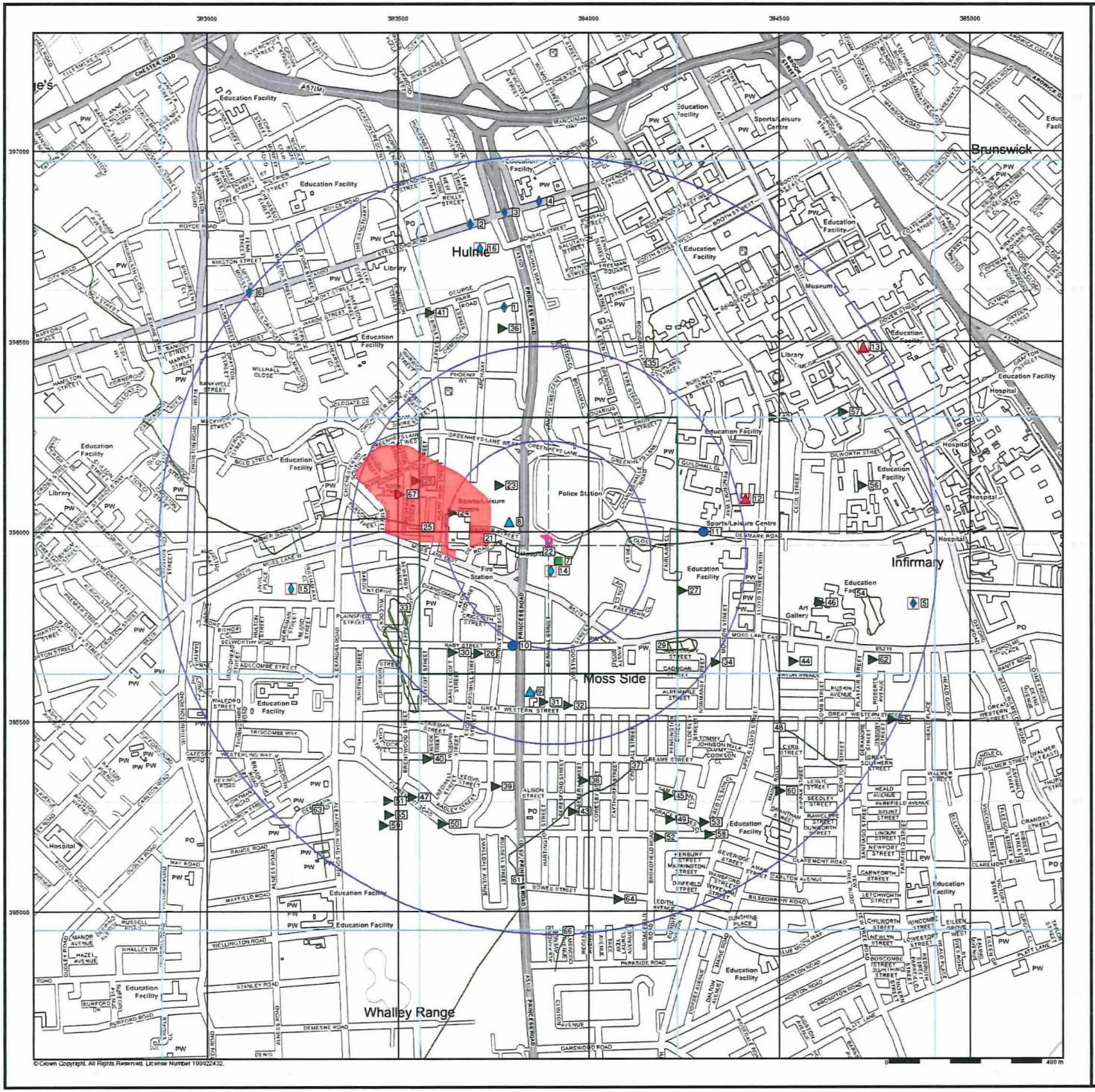

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General

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

Agency and Hydrological

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

Waste

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

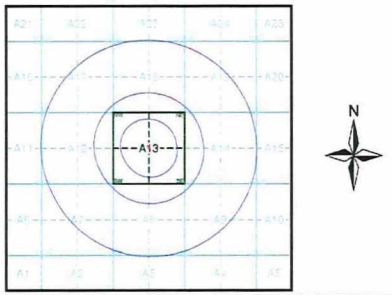
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Slice A



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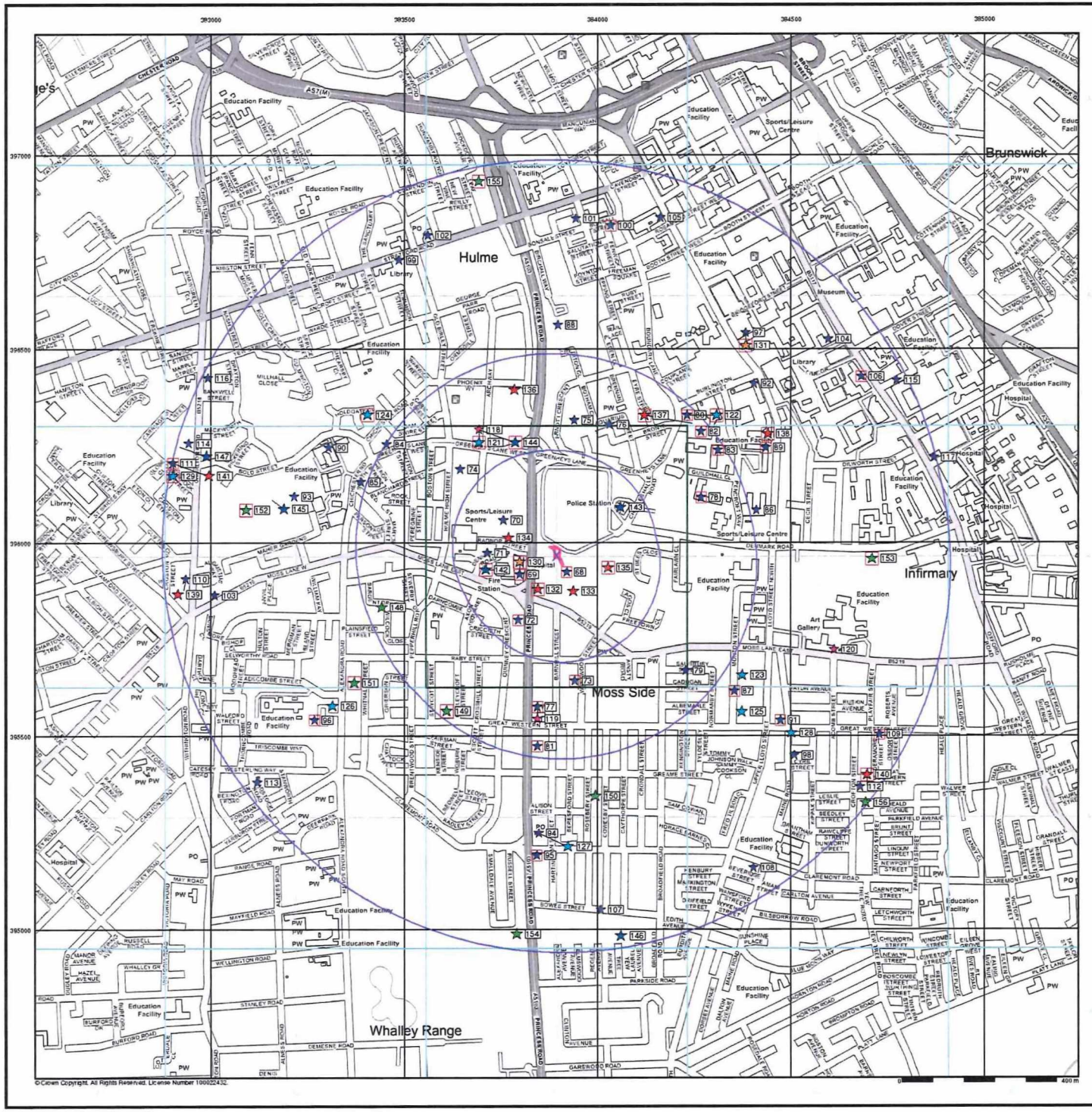

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Industrial Land Use Map

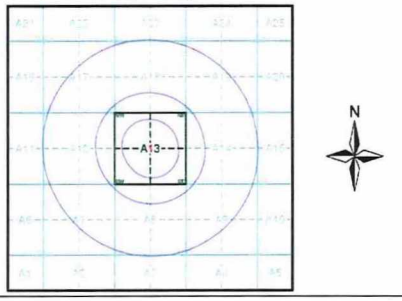
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



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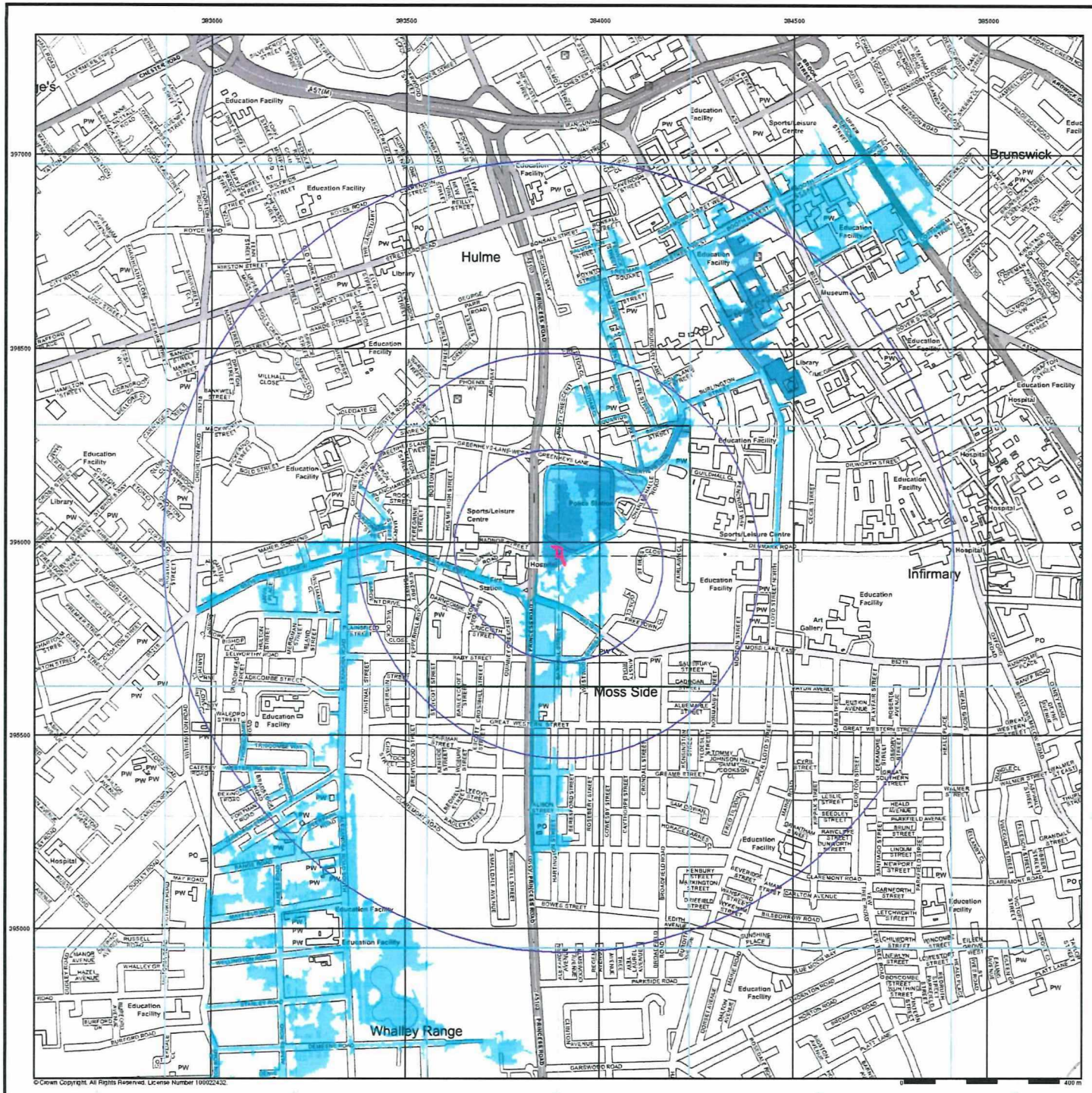
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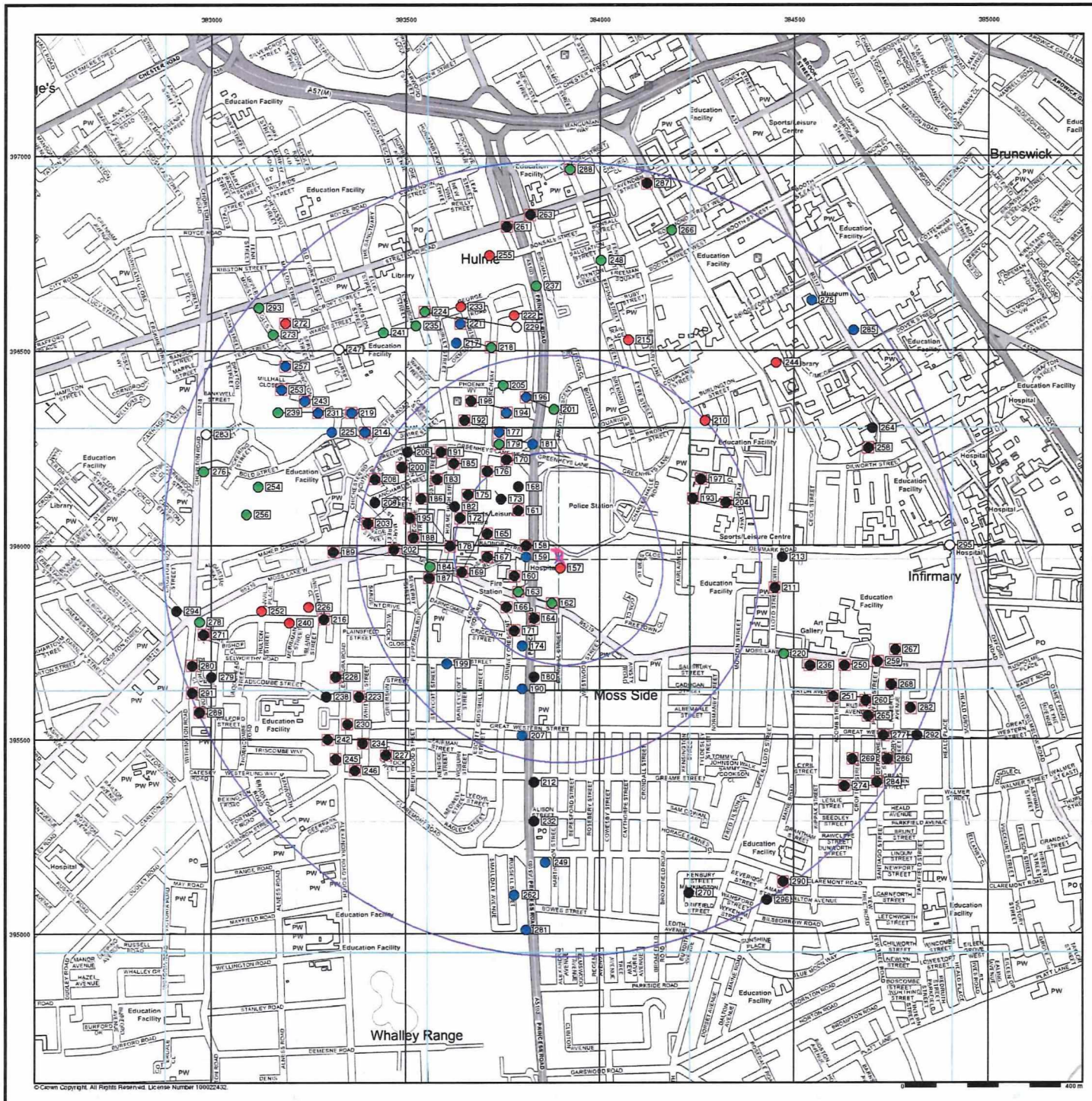
Hulme
Moss Side
Whalley Range
Brunswick
Infirmary
Education Facility
Sports/Leisure Centre
Library
Hospital
Museum
Art Gallery
Fire Station
Police Station
Post Office
A57(M)
Princess Road
Oxford Road
Upper Brook Street
Denmark Road
Great Western Street
Moss Lane East
Whalley Range
Greenheys Lane
Stretford Road
Wilmslow Road
Kingsway
Mauldeth Road
Parkside Road
Bowes Street
Claremont Road
Carlton Avenue
Gardwood Road
Platt Lane
Hospital
Education Facility
Sports/Leisure Centre
Library
Museum
Art Gallery
Fire Station
Police Station
Post Office
Hospital
Infirmary



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General

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

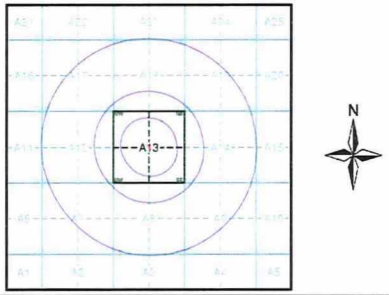
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



Order Details

Order Number:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

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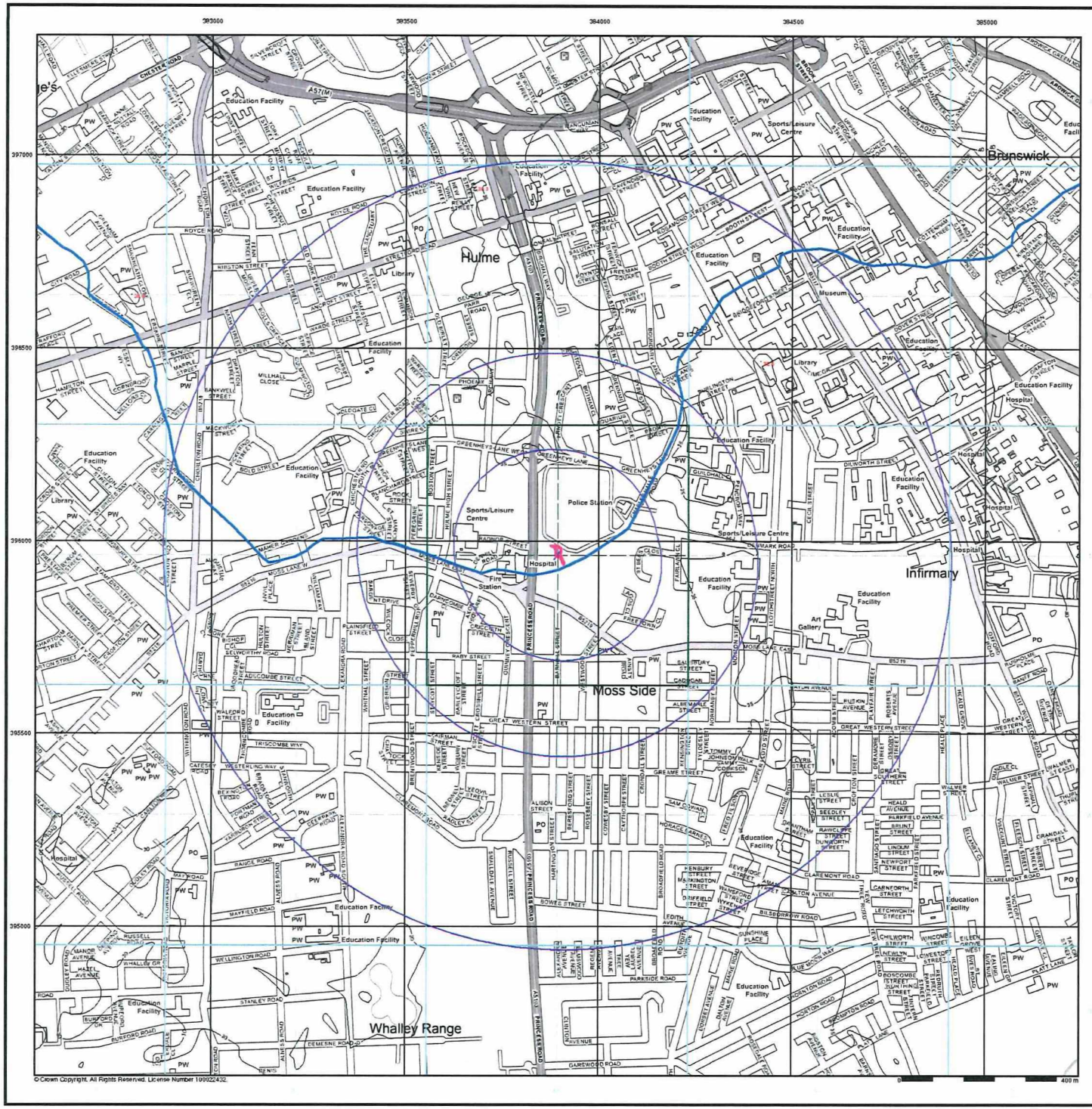

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- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

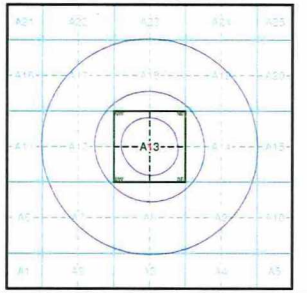
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A



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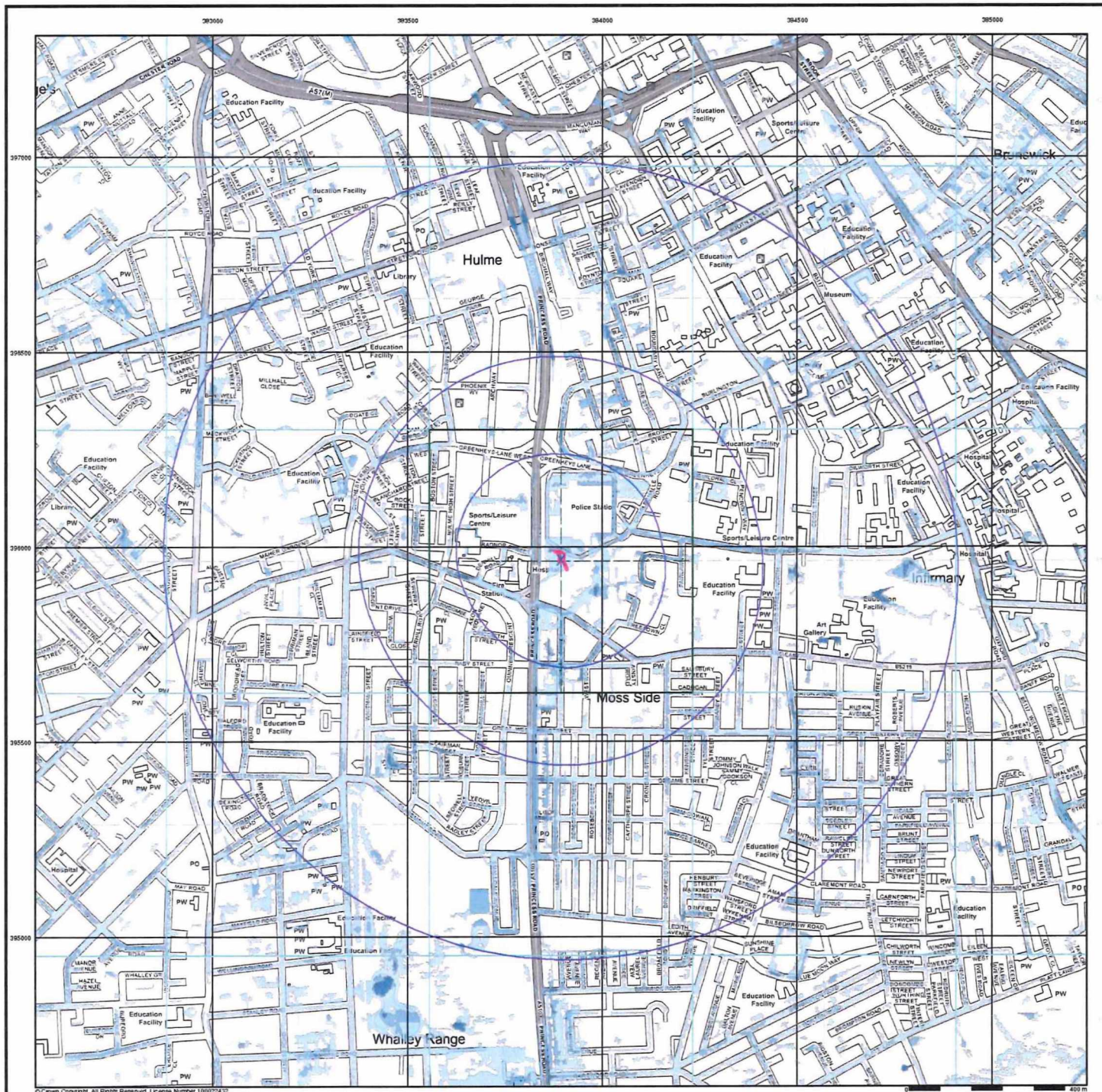

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General

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

Risk of Flooding from Surface Water

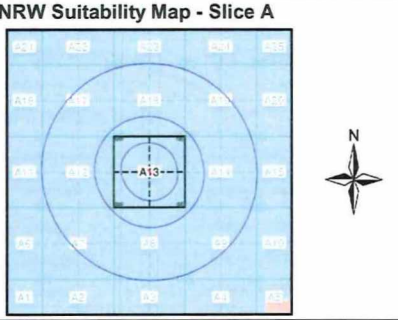
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A



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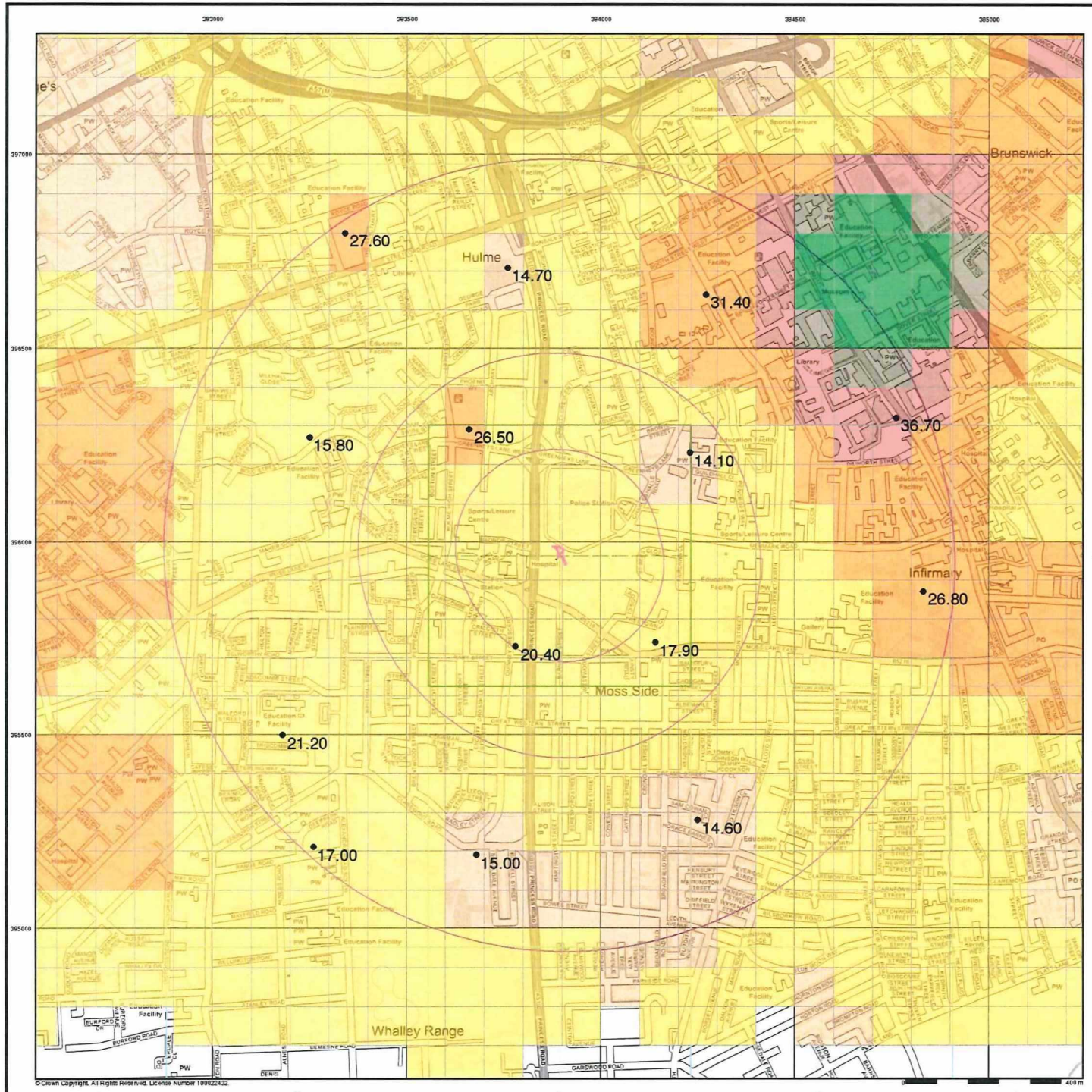

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General

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

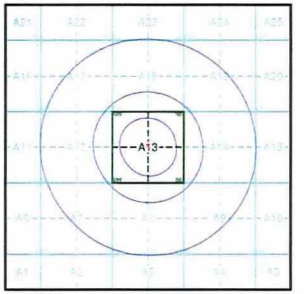
Urban Soil Chemistry Arsenic

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

Arsenic Concentrations mg/kg

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

Urban Soil Chemistry Arsenic - Slice A



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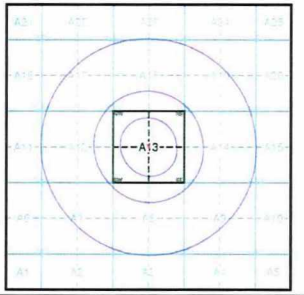
Specified Site | Specified Buffer(s) | Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

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

Estimated Soil Chemistry Arsenic - Slice A



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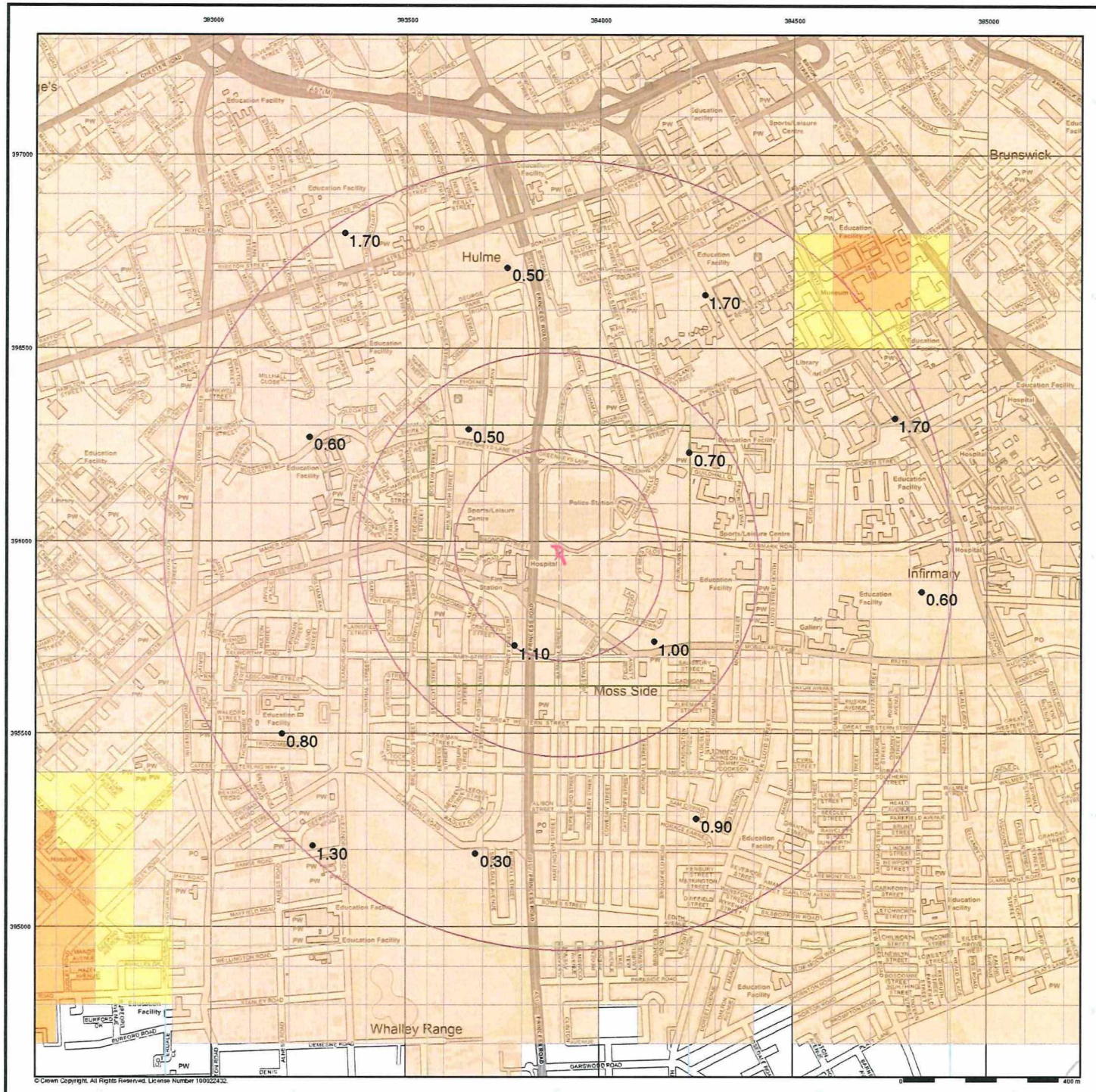

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General

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

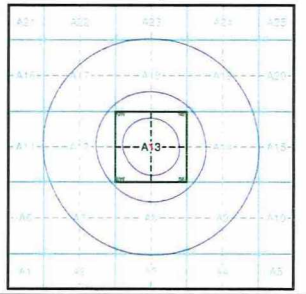
Urban Soil Chemistry Cadmium

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

Cadmium Concentrations mg/kg

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

Urban Soil Chemistry Cadmium - Slice A



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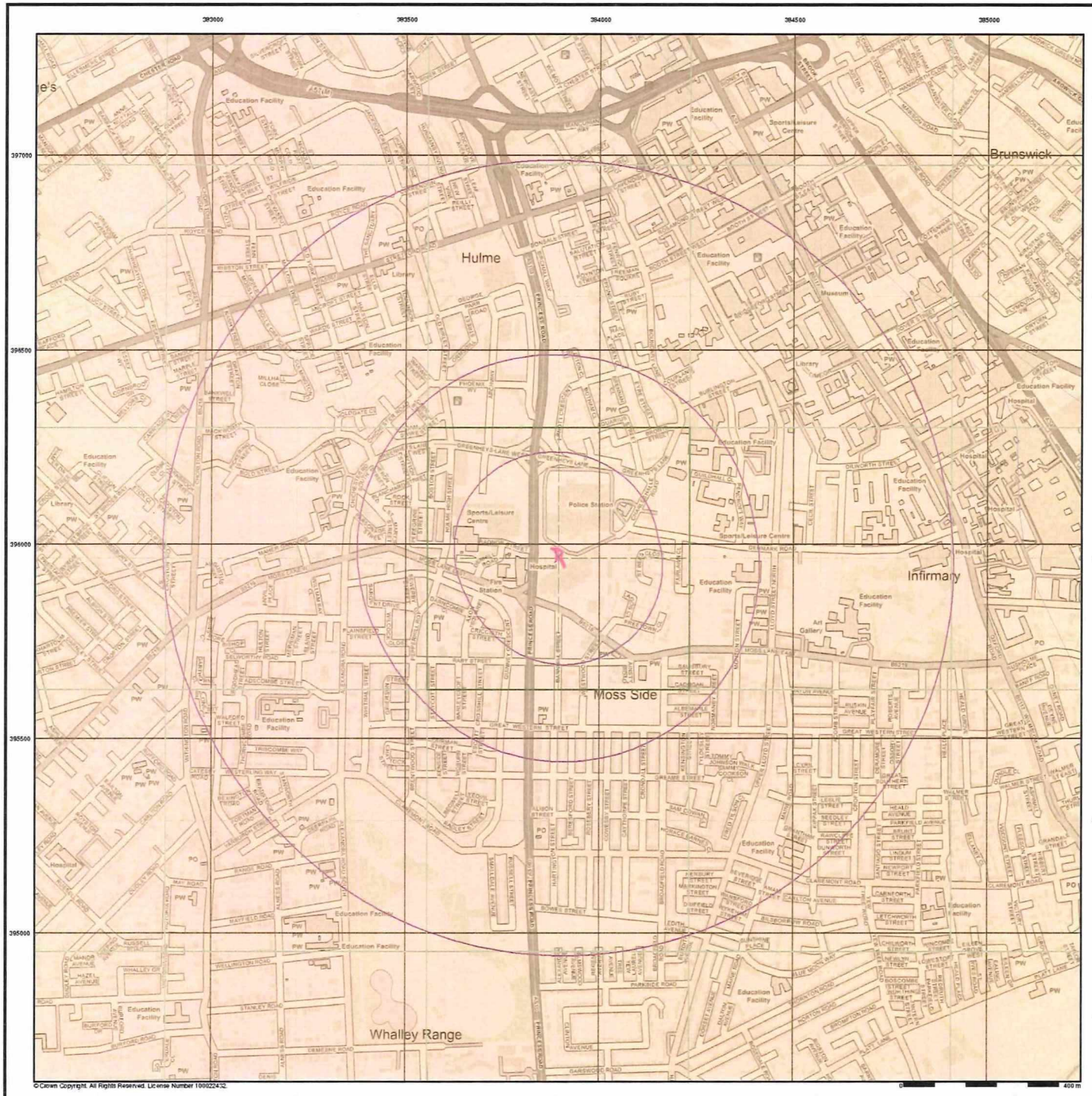

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General

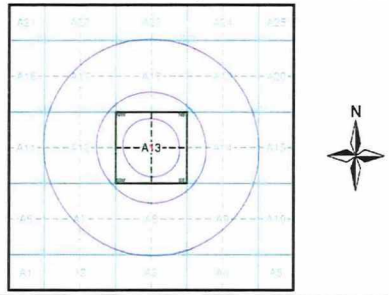
Specified Site | Specified Buffer(s) | Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

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

Estimated Soil Chemistry Cadmium - Slice A



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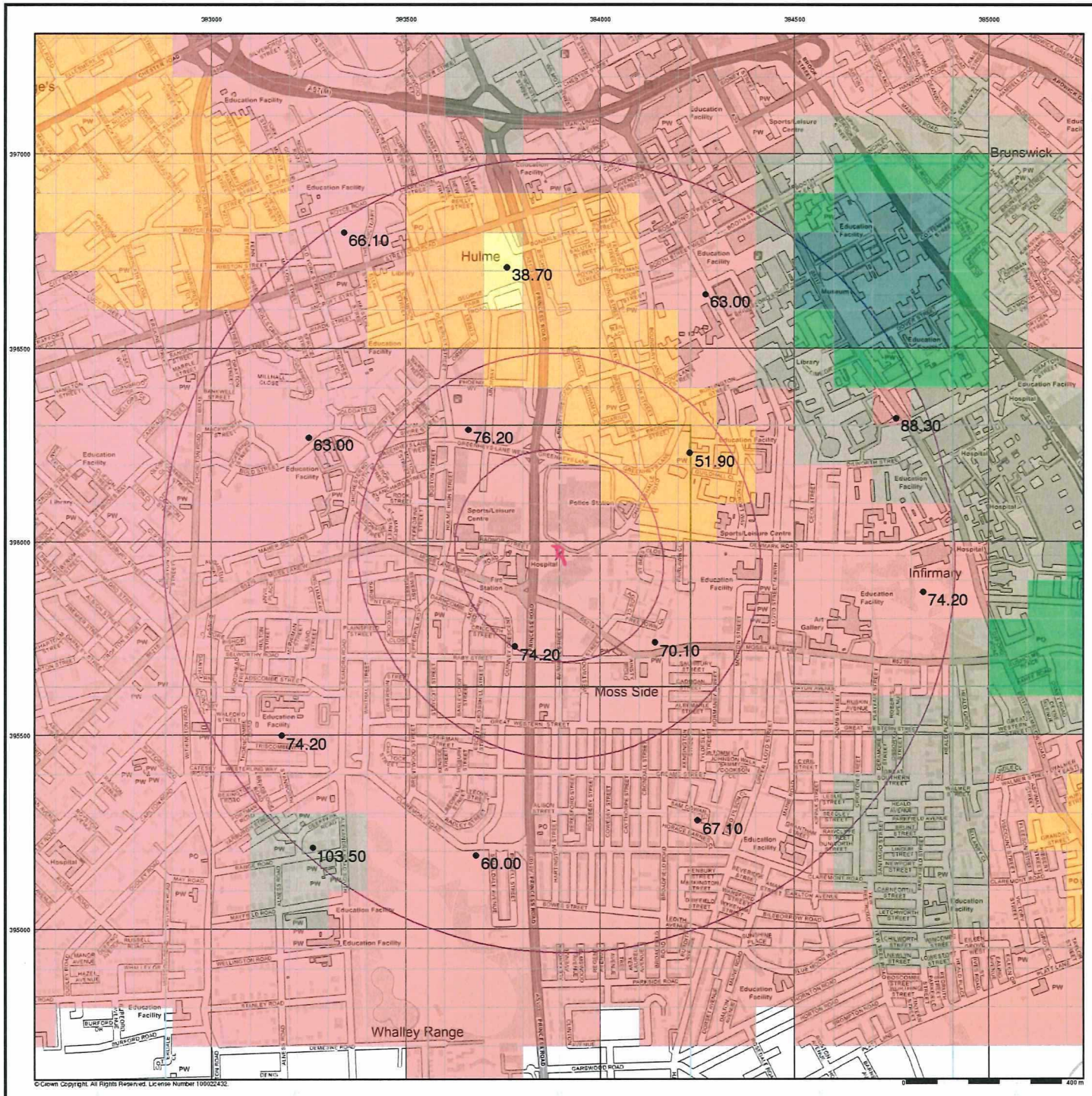

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General

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

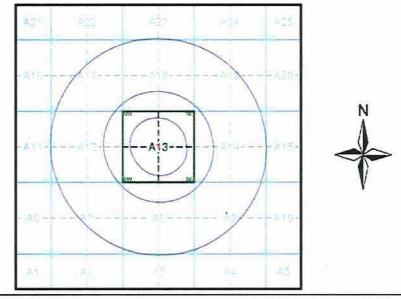
Urban Soil Chemistry Chromium

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

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Urban Soil Chemistry Chromium - Slice A



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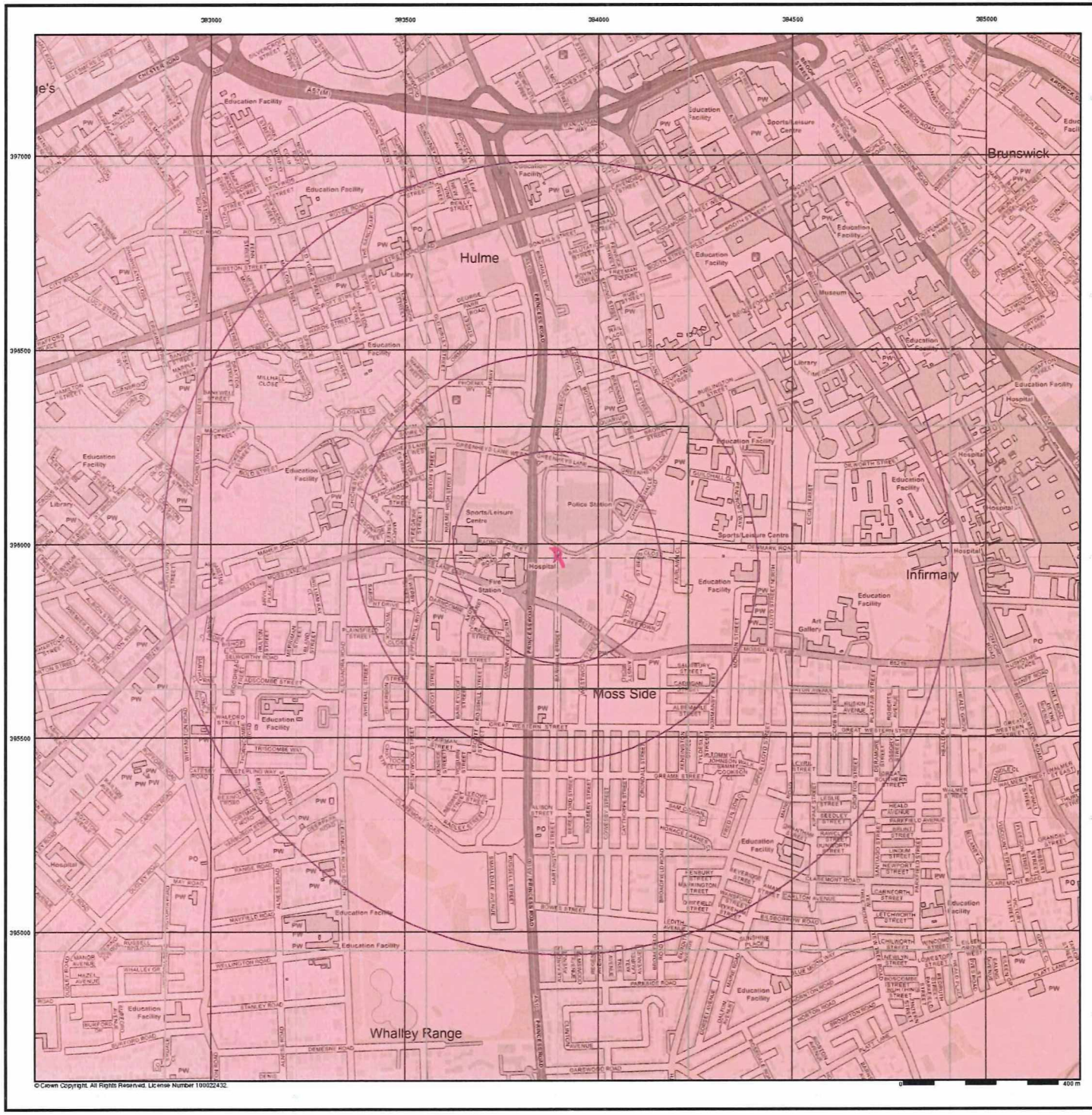

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General

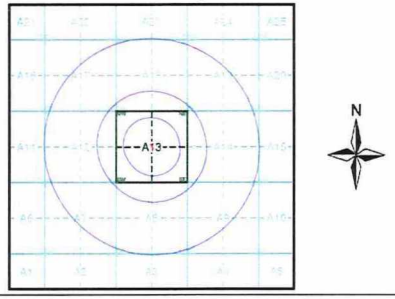
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details:	199007636_1_1
Customer Ref:	J1790
National Grid Reference:	383900, 395970
Slice:	A
Site Area (Ha):	0.05
Search buffer (m):	1000

Site Details

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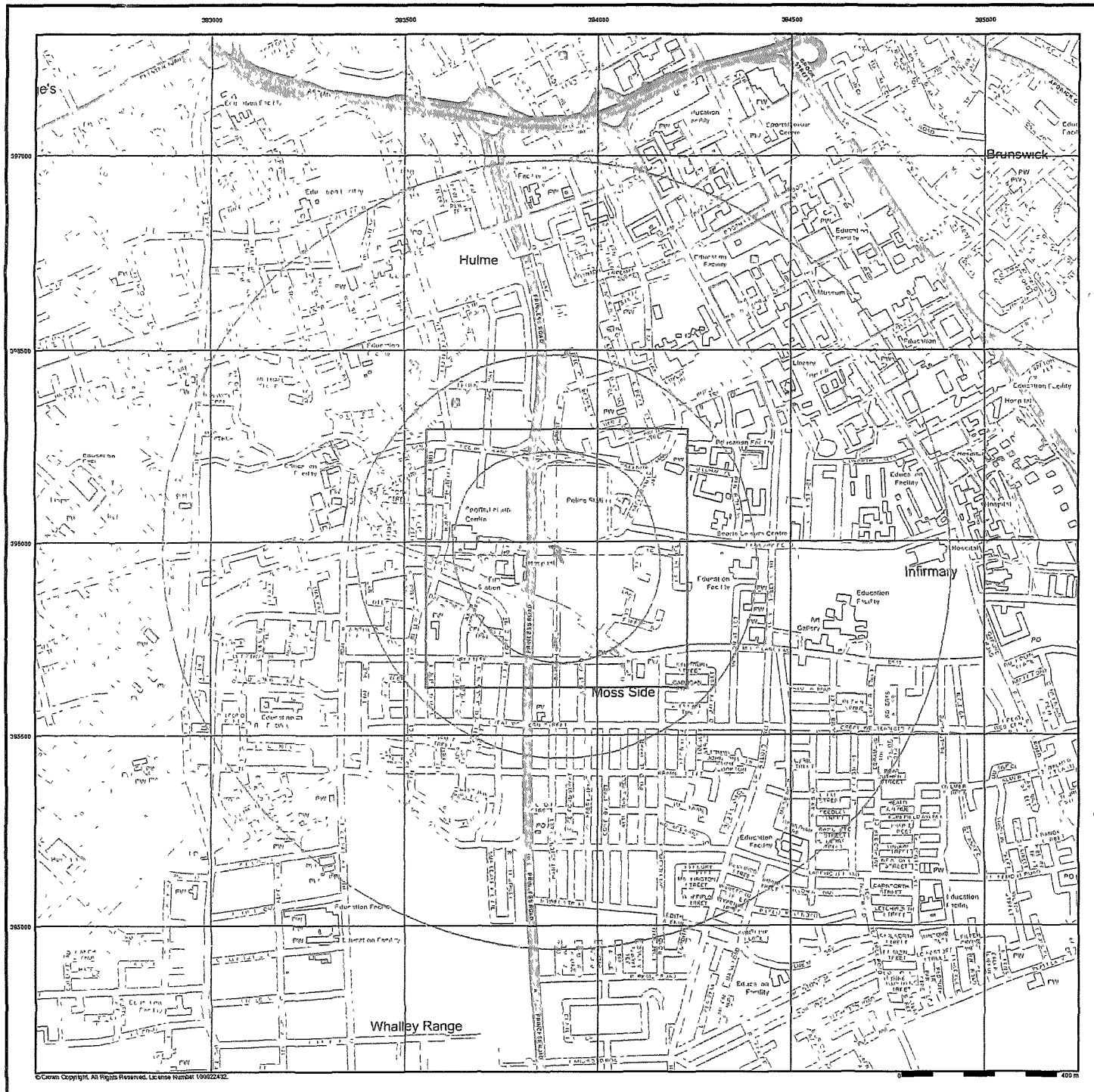

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General

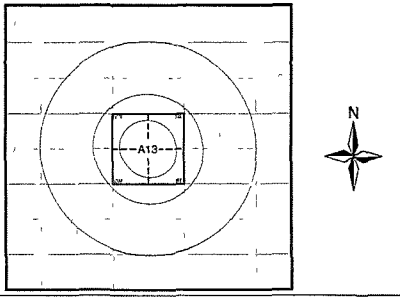
Specified Site Specified Buffer(s) X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice A



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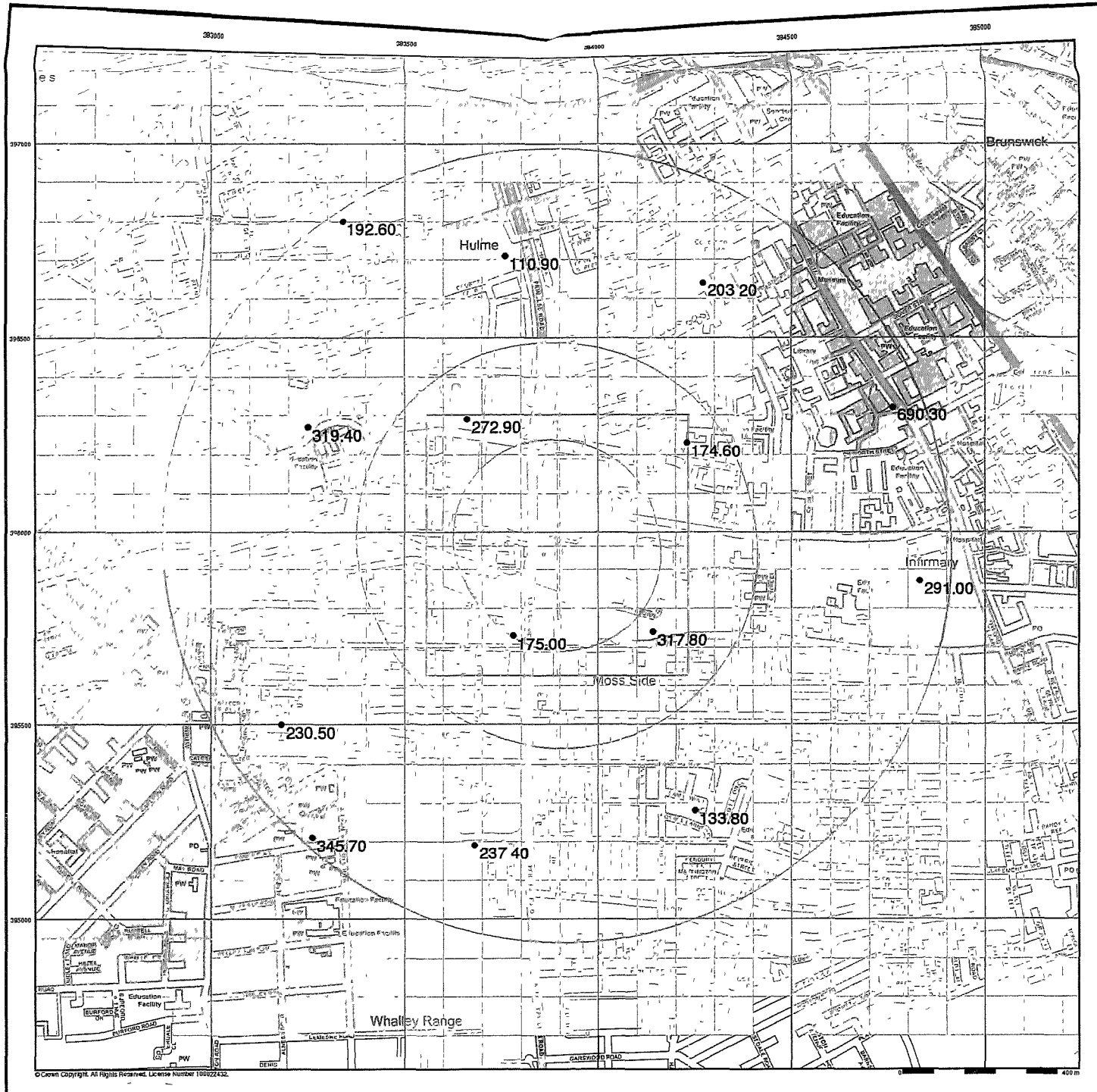

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General

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

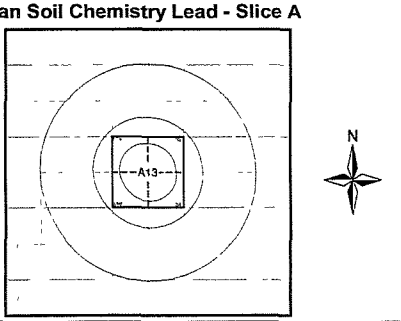
Urban Soil Chemistry Lead

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

Lead Concentrations mg/kg

- < 150
- 150 - 300
- 300 - 600
- 600 - 900
- > 900

Urban Soil Chemistry Lead - Slice A



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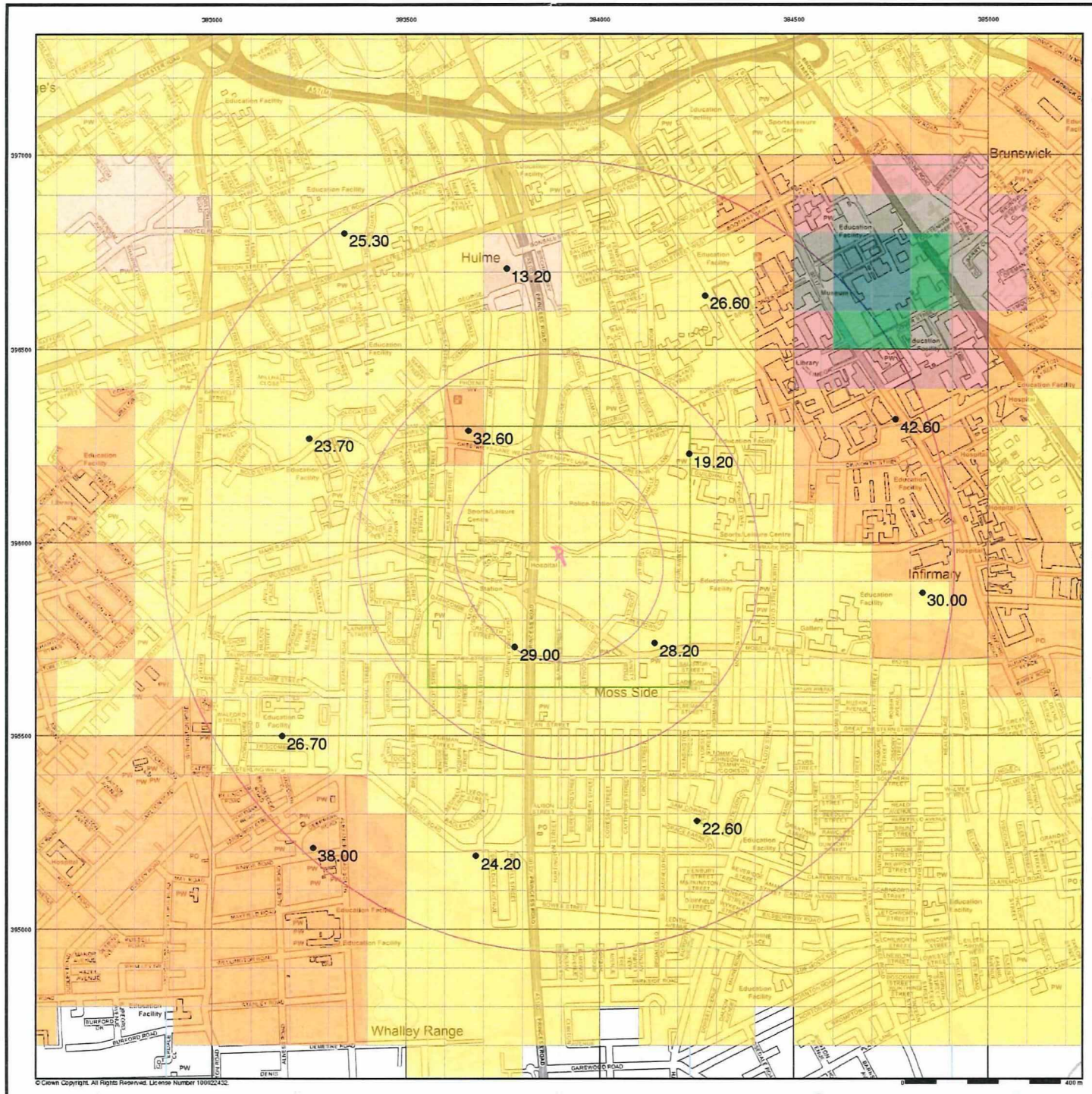

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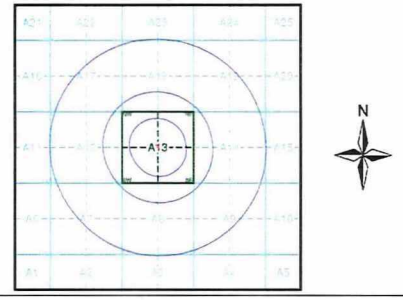
Urban Soil Chemistry Nickel

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

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 90
- 90 - 100
- > 100

Urban Soil Chemistry Nickel - Slice A



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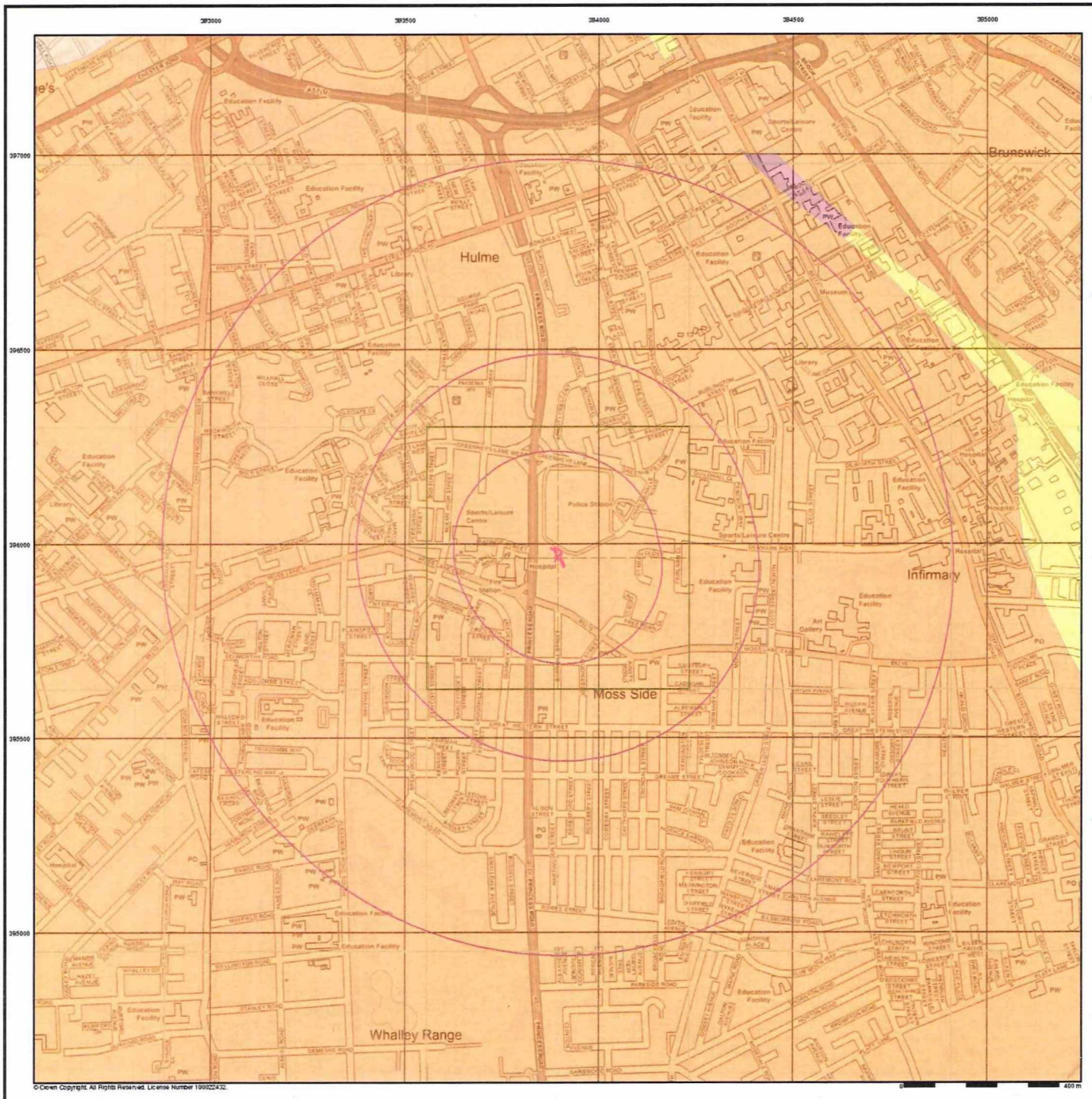

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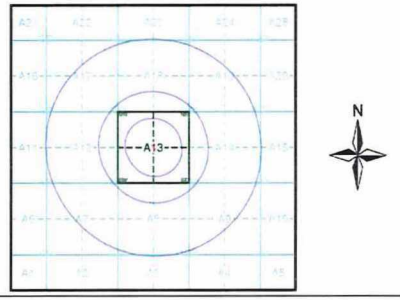
Specified Site | Specified Buffer(s) | Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice A



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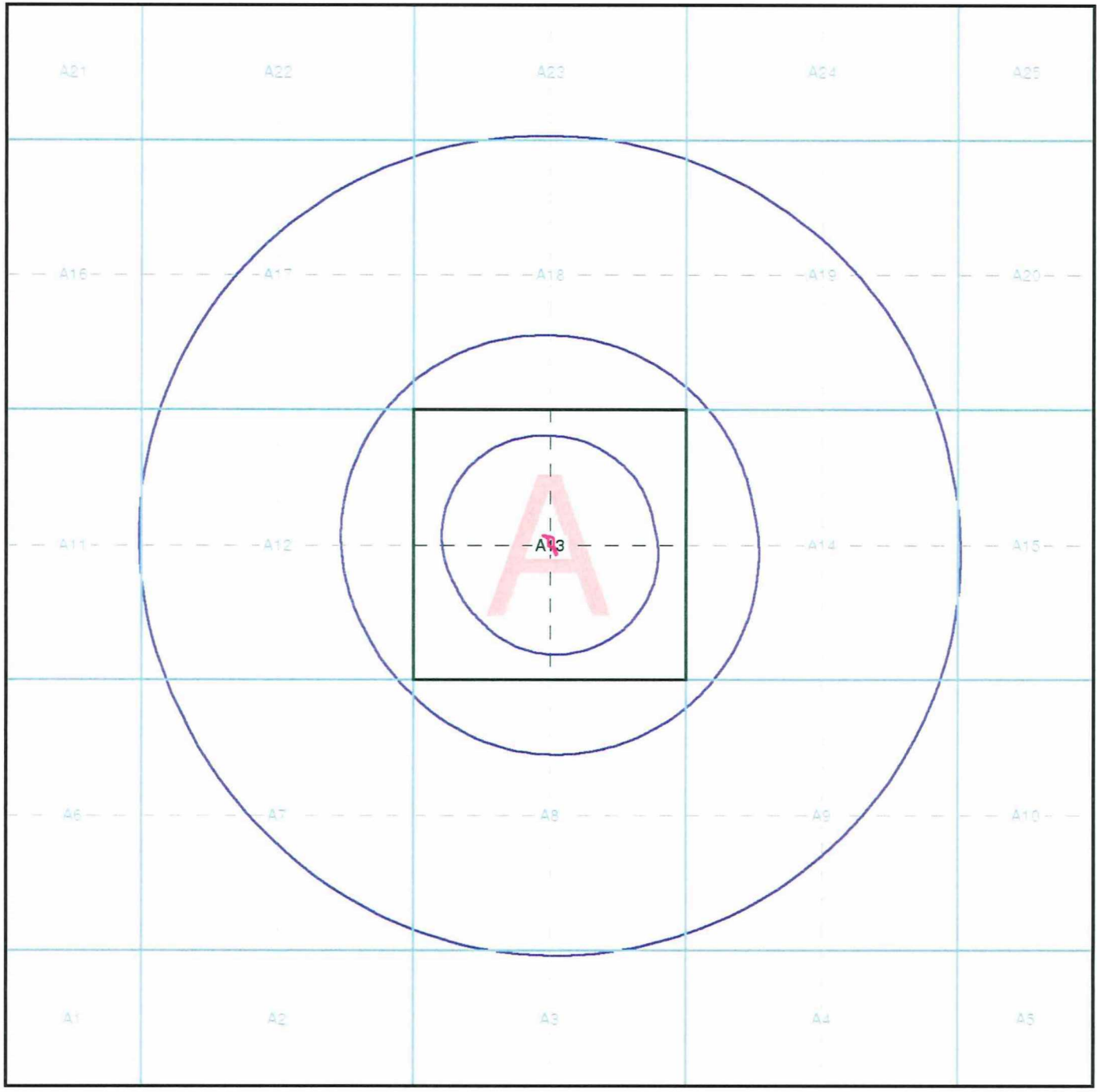

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Index Map

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

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

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

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

A selection of organisations who provide data within this report:

Map data

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Environment Agency

NATURAL ENGLAND

Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr M Hanford, EMCUS, 42 Mount Pleasant Drive, Belper, Derbyshire, DE56 2TH

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