302B BARLOW MOOR ROAD, CHORLTON

PHASE 1:
PRELIMINARY RISK ASSESSMENT

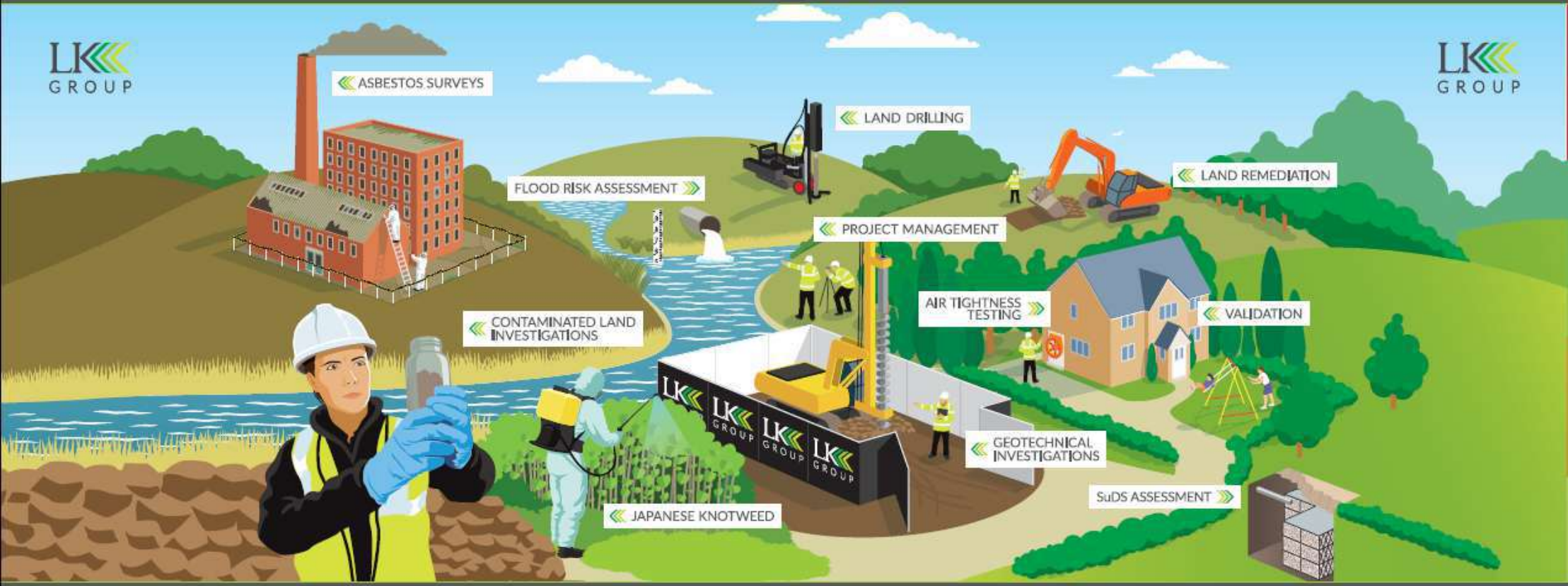
Job Number: LKC 21 1785
Date: January 2022
Client: Rusholme Garden Investments Ltd



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LK Consult Document Verification			
Site Address	302b Barlow Moor Rd, Chorlton-cum-Hardy, Manchester M21 8AY		
Report Title	Phase 1: Preliminary Risk Assessment		
Job Number	LKC 21 1785	**Document Ref.**	CL-602-LKC 21 1785-01
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Prepared By	Joe Walker Beth Ryder-Humphries	**Reviewed By**	Rachel Peart

Revision Record			
Revision No.	**Date**	**Nature of Revision**	**Approved By**

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Contents

1 Introduction 1

2 Historical Review 2

3 Environmental Setting 3

4 Site Reconnaissance 5

5 Preliminary Conceptual Model 7

5.1 Introduction 7
5.2 Potential Contaminants 7
5.3 Potential Receptors 7
5.4 Potential Pathways 8
5.5 Preliminary Contamination Conceptual Model 8

6 Preliminary Geotechnical Risk Assessment 11

7 Summary Conclusions and Recommendations 12

7.1 Summary Conclusions 12
7.2 Recommendations 13

Figures

Figure 1: Site Location and Boundary Plan
Figure 2: Proposed Development Plan

Appendices

Appendix A: Historical Maps
Appendix B: Envirocheck Report
Appendix C: Historical BGS Boreholes
Appendix D: Zetica UXO Preliminary Desk Study Assessment and Risk Map
Appendix E: Risk Evaluation

1 Introduction

LK Consult Ltd (LKC) has been commissioned to carry out a Phase 1 Preliminary Risk Assessment (PRA) for 302b Barlow Moor Road, Chorlton.

In accordance with current guidance (including LCRM[1] and the National Planning Policy Framework (NPPF)[2]), the PRA will include a site reconnaissance, site history, geology, hydrogeology, hydrology, mineral search and a landfill search. Information gathered from the desk study and site reconnaissance will be used to develop a contamination conceptual model for the site.

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

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

Site details are provided in Table 1-1. Figure 1 shows the site location and boundary. Figure 2 shows the proposed development plan.

Site Location	Site is south of Park Place and west of the allotments, Barlow Moor Road, Chorlton-cum-Hardy. Centred at approximate National Grid Reference 381990E, 393315N.
Approximate Area	1,700m^2.
Topography	30 metres Above Ordnance Datum (AOD). Site is approximately level.
Current Site Use	Site is currently an operational pool and darts hall with car parking.
Purpose of Report	Pre-planning.
Proposed Development	Residential apartments with soft landscaping.

Table 1-1: Summary of site details.

[1] Land Contamination Risk Management (LCRM) https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm
[2] "National Planning Policy Framework." The Ministry of Housing, Communities and Local Government. Published March 2012, Updated July 2021.

2 Historical Review

In compiling the site history, LKC consulted Envirocheck historical mapping (Appendix A) and other public aerial photography.

Table 2-1 summarises features on site.

Table 2-2 summarises potentially contaminative land uses within approximately 50m and potentially infilled features within approximate 250m.

Site Features	Location on Site	Dates Present		Comments
		From	To	
Chorlton Brook	S	1848	Present	Brook channel changes on later mapping to become adjacent south of site.
Domestic Garages	E	1954	1977	Garages present along the eastern boundary. No longer present by 1992 mapping.
Fence	E	1933	Present	
Club	W	1984	Present	

Table 2-1: Summary of site features. Dates based on available historical map editions.

Surrounding Area Features	Distance (m)	Direction	Dates Present		Comments
			From	To	
Allotments	Adj	NE	1933	Present	
Public House	12	SW	1984	Present	Labelled as Public House until 1966. Building still present.
Lime Bank Works	37	N	1955	1992	Labelled as a confectionary from 1955 until 1992. Building still currently present.
Pond	220m	SW	1848	1848	No longer present from 1893 mapping, shown as Osiers.

Table 2-2: Summary of potentially contaminative features within 50m and potentially infilled features with 250m. Dates are based on available historical map editions.

Plate 2-1 shows the features noted in Table 2-1 and 2-2.

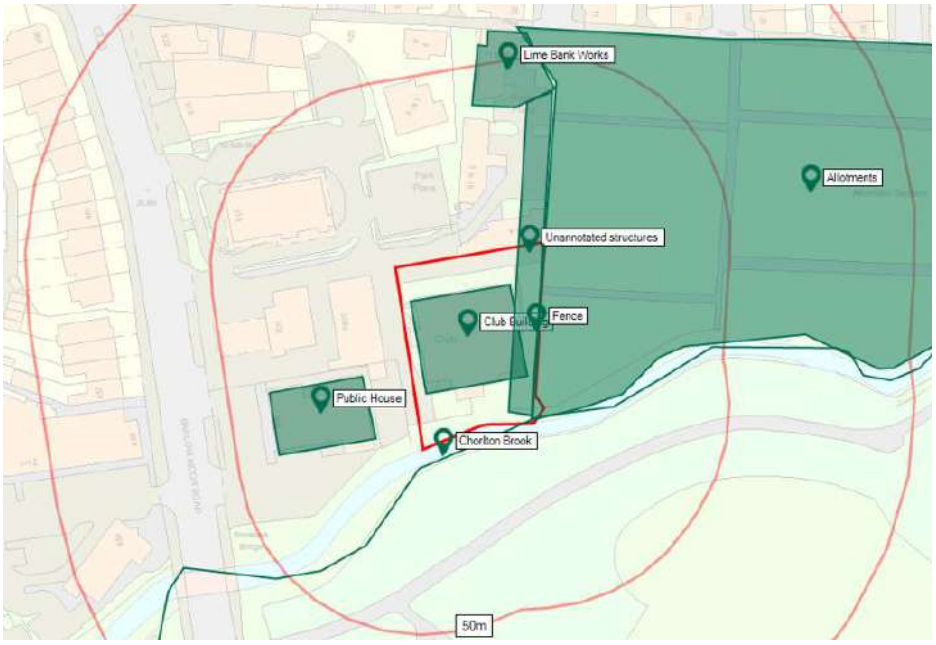


Plate 2-1: Historical features.

3 Environmental Setting

A summary of environmental settings is presented in Table 3-1, based on a review of available environmental data.

Categories(data sources)			Details
Geology[1,2]	Artificial		- No BGS recorded artificial.
	Superficial		- Glaciofluvial sheet deposits (sand and gravel) in the south of site. - Till (diamicton) in the north of the site.
	Bedrock		- Wilmslow Sandstone Formation (sandstone).
	BGS Logs (<50m)		- BH Ref: SJ89SW384, 31m SW: topsoil to 0.16m, made ground to 1.70m, slightly clayey SAND to 2.20m, fine to medium SAND to > 3.00m.
Hydro-geology[1]	Aquifer Designation	- Superficial	- Secondary A Aquifer in north of site. - Secondary Undifferentiated Aquifer (remainder of site)
		- Bedrock	- Principal Aquifer.
	Source Protection Zone (SPZ)		- Site not within an SPZ.
	Groundwater Abstractions (100m)		- None.
Hydrology[1]	Surface Water Courses (100m)		- Chorlton Brook, on site adjacent to southern boundary of site.
	Flooding risk		- Flood Zone 3.
	Surface Water Abstractions (100m)		- None.
	Discharge Consents		- None.
	Pollution Incidents		- None.
Minerals & Mining[1,3]	Coal Mining		- Within a Coal Reporting Area. - Not within a Development High Risk Area.
	Surface Mineral Extractions (250m)		- None.
	Cheshire Brine Compensation District		- Not within Compensation District. - Not within Consultation Area.
	Non-Coal Mining Area		- Not within an area of conclusive metalliferous mining.
Ground Stability[1]	Collapsible Ground		- Very low hazard.
	Compressible Ground		- No hazard.
	Ground Dissolution		- No hazard.
	Landslide		- Very low hazard.
	Running Sand		- Very low hazard.
	Shrinking / Swelling Clay		- Very low hazard.

Table 3-1: Summary of the environmental setting.

Notes: Distance in brackets is the distance from site that features are included. Where no distance given, features relate to on site only.

Data Sources:

1 Envirocheck Report (Appendix A & B)

2 BGS GeoIndex http://mapapps2.bgs.ac.uk/geoindex/home.html (Appendix C)

3 The Coal Authority Web Mapping Services (WMS) / Interactive Map Viewer http://coal.decc.gov.uk/en/coal/cms/publications/data/map/map.aspx

Categories(data sources)		Details
Landfill Sites (250m)[1]	Known / Registered	- None.
	Potentially Infilled Land (non-water and water), based on Envirocheck Report	- 1no. feature: 210m SW.
	Potentially infilled sites, based on LKC historical review	- 1no. feature: 220m SW.
Radon Potential[1]		- <1% of homes above Action Level. No protective measures are necessary in the construction of new dwellings or extensions.
Designated Sites (50m)[1]		- None.
Contemporary Trade Directory (50m)[1]		- 11m W, Joinery Manufacturers. - 11m W, Petrol Filling Stations. - 28m W, Garage Services. - 28m W, Garage Services. - 45m W, Petrol Filling Stations. - 46m N, Engineers. - All listed as inactive.
Fuel Station Entries (50m)[1]		- 33m W, Texaco.
Unexploded Ordnance Risk (UXO)[4]	Zetica Risk Map	- Moderate.
	Historical / Current Military Activity	- None identified within 100m.
	Pre-Desk Study Assessment	- Detailed UXO desk study required.

Table 3-1: Summary of the environmental setting.
Notes: Distance in brackets is the distance from site that features are included. Where no distance given, features relate to on site only.
Data Sources:
1 Envirocheck Report (Appendix A & B)
4 Zetica UXO Preliminary Desk Study Assessment and Risk Map (Appendix D)

4 Site Reconnaissance

A site reconnaissance was carried out on 21st December 2021. Hand dug trial holes were undertaken in accessible areas to confirm the shallow ground conditions.

Relevant features identified on site are summarised below:

- Site is currently used as a pool and darts hall under the chain Ridleys.
- Large amounts of fly tipping along the north and west boundary of the site, including car parts and large amounts of broken glass.
- Site contains a two storey building with the boiler room (fuel use unknown) and storage on the ground floor and pool tables are located on both.
- The groundcover includes relatively poor condition tarmac with grass verges around the perimeter of the site.
- Vegetation includes brambles along the eastern boundary and established trees in the south of the site in between the building and river.
- The whole site generally slopes south down towards the river, with the north and west embankments having a steep gradient towards the central building, the east is relatively flat and the south slopes down towards the river.
- The drilling rig would be unable to access the building due both the height and width required. The remainder of the site is accessible apart from the eastern boundary due to dense vegetation.
- Present services onsite include electricity, gas, BT and water. Manhole covers are present along the north and western boundary.
- The building contains a large amount of CCTV and the main building is secure with locks and combinations.

The surrounding area comprises of residential properties to the north, allotment separated by brambles to the east, Chorlton Brook in the south and the east contains more commercial buildings separated by a tarmac road.

Relevant photographs are provided in Plate 4-1.



Photograph 1: View of site from NW.



Photograph 2: Internal view of building on site.

	
Photograph 3: Concrete yard south of site.	**Photograph 4:** Fly tipping along the north of site.

Plate 4-1: Site photographs.

Hand dug pits were carried out in 2no. locations and are summarised in Plate 4-2.

HD101	HD102
0-0.3m Made Ground: Dark brown slightly silty gravelly SAND with abundant rootlets and rare plastics. Sand is fine to coarse. Gravel is medium to coarse, subangular to subrounded comprising mixed lithologies.	0-0.3m Made Ground dark brown silty gravelly SAND with frequent rootlets, rare brick and coal fragments. Sand is fine to medium. Gravel is fine to coarse, subangular to subrounded comprising mixed lithologies. 0.3-0.7m Made Ground: Light brown clayey gravelly SAND with occasional brick fragments and rare coal. Sand is medium to coarse. Gravel is medium to coarse, subangular to subrounded comprising mixed lithologies.

Plate 4-2: Hand Dug Pit Logs.

5 Preliminary Conceptual Model

5.1 Introduction

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

The Sections below are therefore divided into potential contaminant, potential pathway and potential receptor as described in LCRM[3], on the premise that, if there is no pollutant linkage, then there will be no risk to the receptor. The final Section provides an assessment of the potential pollutant linkages that may still be present on the site if redevelopment were to occur.

5.2 Potential Contaminants

Potential viable contamination sources are detailed in Table 5-1. These are split into onsite sources, offsite sources and underlying geology.

Potential Source	Contaminants
On Site	
Shallow Made Ground below some or all of site (site levelling)	- Assuming predominantly reworked natural soils with possible demolition rubble, ash and clinker: Asbestos, heavy metals, sulphates, PAHs[4]. - Not expected to be a significant source of gas given anticipated depth and nature of Made Ground.
Domestic Garages	- PAHS, heavy end hydrocarbons and oils.
Demolished domestic garages	- Asbestos Containing Material (ACM).
Surrounding Area	
Works	- Possible organic and inorganic contamination.
Allotment	- Assuming the use of ash and clinker for drainage: heavy metals, sulphates, PAHs[5]. - Significant used of pesticides possible.
Underlying Geology	
Radon Affected Area	- <1% of homes above Action Level. No protective measures are necessary in the construction of new dwellings or extensions.

Table 5-1: Potential contamination sources.

5.3 Potential Receptors

Potential receptors are detailed in Table 5-2.

Receptors	
Human Health	- Future site users (including residents, visitors and site workers). - Offsite land users.
Controlled Waters	- Chorlton Brook, on site (S). - Principal Aquifer – bedrock. - Secondary A Aquifer (N), Secondary Undifferentiated (remainder of site) – Superficial.
Buildings and structures.	
Potable water pipes.	
Flora within future gardens and landscaping.	

[3] Land Contamination Risk Management (LCRM) https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm
[4] Defra (2002). "Potential Contaminants for the Assessment of Land". R&D Publication CLR 8.
[5] Defra (2002). "Potential Contaminants for the Assessment of Land". R&D Publication CLR 8.

Table 5-2: Potential receptors.

5.4 Potential Pathways

Potential pathways are detailed in Table 5-3.

Pathways		
Soil	Human Health[6] (residential apartments with soft landscaping)	- Ingestion of soil. - Ingestion of soil-derived indoor dust. - Dermal contact with soil. - Dermal contact with soil-derived indoor dust. - Inhalation of soil-derived outdoor dust. - Inhalation of soil-derived indoor dust. - Inhalation of vapours outside. - Inhalation of vapours inside. - Omitted: ingestion of contaminated vegetables and ingestion of soil attached to vegetables.
	- Windblown dust and fibres to adjacent receptors.	
	- Direct contact with receptors (building foundations, services).	
	- Root uptake.	
Water	- Surface run-off over impermeable surface.	
	- Site is predominantly hardstood; therefore, infiltration is likely to be limited.	
Water and Gas	- Migration through potentially permeable strata and preferential pathways. - Superficial (Till) in the north of the site likely to be low permeability. - Superficial (sand and gravel) in the south of the site is likely to be relatively permeable. - Bedrock (sandstone) likely to be relatively permeable. - Preferential pathways: services.	
Gas	- Migration into buildings (e.g. via services) and accumulation of gases in confined spaces (potentially causing explosion if methane is present).	

Table 5-3: Potential pathways.

5.5 Preliminary Contamination Conceptual Model

The Preliminary Contamination Conceptual Model is illustrated in Table 5-4 and has identified seven generic potential pollutant linkages.

Each linkage is described along with an assessment of the risk based upon guidance on probabilities and consequences outlined in CIRIA C552[7].

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

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

[6] EA (2008). "Updated Technical Background to the CLEA Model". Science Report – SC050021/SR3.
[7] CIRIA (2001). "Contaminated Land Risk Assessment: A Guide to Good Practice". C552.

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

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

It should be noted that there may be risk from short term exposure from contaminated soil to site workers. The Preliminary Contamination Conceptual Model deals with long term exposure to key receptors. Acute risks can be easily mitigated by good environmental management of the site during site works. Standard health and safety precautions (as per HSE guidance[8]) should be adopted by all workers involved with site enabling and construction works. Therefore, this receptor is not considered in the contamination conceptual model.

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

PL	Pathway	Receptor	Contaminants of Concern (CoC)	Probability	Consequence	Risk	Recommendations
1	- Dermal contact. - Inhalation of soil, fibres and dust. - Ingestion of soils and dust. - Windblown dust.	- Future site users. - Offsite receptors.	- ACM. - Heavy metals. - PAHs. - Petroleum hydrocarbons.	Likely (limited source anticipated given site history)	Medium	**Moderate**	Intrusive investigation required. Soil analysis of CoC.
			- Pesticides.	Unlikely (given off site source and limited pathway)	Medium	**Low**	No further assessment required.
2	- Inhalation of vapours. - Migration via permeable strata and preferential pathways.	- Future site users. - Offsite receptors.	- Volatile contaminants (TPHCWG, SVOC, VOCs).	Low likelihood (limited and localised source anticipated)	Medium	**Moderate /** Low (moderate assumed until ground conditions confirmed)	Targeted intrusive investigation required, to include PID testing. Soil analysis of CoC, subject to ground conditions encountered and PID testing.
3	- Inhalation of gas. - Migration via permeable strata and preferential pathways. - Explosion in confined spaces. - Exposure to radon.	- Future site users. - Buildings. - Offsite land users.	- Ground / hazardous gas (carbon dioxide, methane).	Unlikely (given limited viable gas source and limited pathway)	Severe	**Moderate /** Low (moderate assumed until ground conditions confirmed)	Intrusive investigation to confirm ground conditions. If significant gas source and pathway identified, gas monitoring required.
			- Radon	Unlikely (as <1% of homes above action level)	Medium	**Low**	(<1%) No protective measures are necessary in the construction of new dwellings or extensions.
4	- Surface run-off. - Migration via permeable strata and preferential pathways. - Perched waters migration.	- Groundwater (Principal Aquifer). - Surface water (Chorlton Brook)	- Mobile contaminants such as metals, PAHs, hydrocarbons, volatile compounds.	Low likelihood (only limited contamination anticipated with limited pathway)	Medium	**Moderate /** Low (moderate assumed until ground conditions confirmed)	Low density intrusive investigation required. Groundwater and surface water sampling, subject to ground conditions encountered. Analysis of CoC.
5	- Sulphate attack on concrete.	- Building structure.	- Sulphate.	Likely (given site history, site conditions, and direct contact / pathway)	Mild	**Moderate /** Low (moderate assumed until ground conditions confirmed)	Intrusive investigation required. Soil analysis of CoC.
6	- Ingestion of tainted water supply.	- Future site users. - Water pipes.	- Organic contaminants such as petroleum hydrocarbons, naphthalene, volatile compounds.	Likely (given site history, site conditions and direct contact / pathway)	Medium	**Moderate**	Intrusive investigation required. Soil analysis of CoC.
7	- Direct contact (plant uptake).	- Flora.	- Phytotoxic contaminants such as heavy metals.	Likely (given site history, site conditions and proposed end use)	Minor	**Low**	Intrusive investigation required. Soil analysis of CoC.

Table 5-4: Preliminary Contamination Conceptual Model.
Notes: PL = Pollutant Linkage. Contaminant of Concern (CoC) - See Table 5-1 for contamination sources. Site conditions based on observations during site reconnaissance.

6 Preliminary Geotechnical Risk Assessment

Table 6-1 summarises the possible geotechnical constraints of the site, based on the site history, environmental settings and site reconnaissance. Investigation work will be required to confirm the risks and provide a detailed geotechnical assessment and foundation design.

Coal Mining	Site is not within a Development High Risk Area. No further assessment required.
Slope Stability	Site is relatively flat. No significant slope stability risk anticipated. No further assessment required.
Envirocheck Ground Stability Hazards	No to low hazard identified. No further action required.
Made Ground	Unknown depth and constituent of made ground across the site. Initial information indicates relatively shallow made ground. Possible in-ground structures from previous developments.
Superficial	Unknown strength of soils for foundation design. Clay (south) and sand/gravel (north) anticipated below the site. Strata may be variable giving differential settlement.
Bedrock	Unknown depth to bedrock.
Groundwater	Unknown depth and variability of groundwater. Shallow / fluctuating groundwater can affect the strength of the soil, particularly in granular ground. Shallow groundwater can also affect construction works.
Plasticity	Plasticity of clay deposits should be confirmed, particularly where trees are present or proposed, to identify the shrink / swell risk. Clay recorded in the south of site.
Sulphate	Unknown sulphate content of the made ground and natural.
Road / Pavement Design	Unknown CBR values for footpath and road design.

Table 6-1: Summary of geotechnical constraints.

7 Summary Conclusions and Recommendations

7.1 Summary Conclusions

Table 7-1 summarises the site details, historical review, environmental settings and site reconnaissance.

Current Site Use	Site is currently an operational pool and darts hall with car parking.
Proposed Development	Residential apartments with soft landscaping.
Main Historical Features	Onsite: Chorlton Brook, Domestic Garages Fence and Club Building. Surrounding Area: Allotments, Works and Public House.
Geology / Hydrogeology	Artificial: No BGS recorded artificial. Superficial: Glaciofluvial sheet deposits in the south (sand and gravel). Glacial Till in the north of the site. Secondary A Aquifer in the north, Secondary Undifferentiated Aquifer across the remainder of site. Bedrock: Wilmslow Sandstone Formation (sandstone). Principal Aquifer.
Landfills / Infilled Ground	No recorded landfills. Potentially infilled ground identified.
Site Walkover	Site is currently used as a pool and darts hall. Fly tipping was identified along the north and west boundary of the site, including car parts and large amounts of broken glass. A boiler room and storage is present on the ground floor. The groundcover includes relatively poor condition tarmac with grass verges around the perimeter of the site. The whole site slopes downwards from north to south. The east is relatively flat and the south slopes down towards the river. Services were noted during the site reconnaissance.

Table 7-1: Summary of site details, historical review, environmental settings and site reconnaissance.

A preliminary contamination conceptual model has been produced by LKC, which is summarised in Table 7-2.

Pollutant Linkage		Risk	Recommendations
PL1: Contaminants posing a risk to future site users via dermal contact, ingestion and inhalation (of soil, dust, fibres and vegetables).	ACM, heavy metals, PAHs	**Moderate**	Intrusive investigation required. Soil analysis of CoC.
	Pesticides	**Low**	No further assessment required.
PL2: Volatile contaminants posing a risk to future site users via the inhalation of vapours.		**Moderate / Low**	Low density intrusive investigation required, to include PID testing. Soil analysis of CoC, subject to ground conditions encountered and PID testing.
PL3: Gas posing a risk to buildings and future site users via the migration of gas into building causing explosion and asphyxiation.	Carbon dioxide & methane	**Moderate / Low**	Intrusive investigation to confirm ground conditions. If significant gas source and pathway identified, gas monitoring required.
	Radon	**Low**	(<1%) No protective measures are necessary in the construction of new dwellings or extensions.
PL4: Mobile contamination posing a risk to controlled waters via the migration through permeable strata.		**Moderate / Low**	Low density intrusive investigation required. Groundwater and surface water sampling, subject to ground conditions encountered. Analysis of CoC.
PL5: Sulphate posing a risk to building via direct contact (sulphate attack).		**Moderate / Low**	Intrusive investigation required. Soil analysis of CoC.
PL6: Organic contaminants posing a risk to water pipes.		**Moderate**	Intrusive investigation required. Soil analysis of CoC.
PL7: Phytotoxic metals posing a risk to flora via root uptake.		**Low**	Intrusive investigation required. Soil analysis of CoC, subject to ground conditions encountered.

Table 7-2: Summary risk table.
Where moderate / low risk had been identified, the assumed risk is shown in bold.

A preliminary geotechnical assessment has been carried out by LKC. Table 7-3 summarises the geotechnical constraints.

Made Ground	Unknown depth and constituent of made ground across the site.
Superficial	Unknown strength of soils for foundation design.
Bedrock	Unknown depth of bedrock.
Groundwater	Unknown depth and variability of groundwater.
Plasticity	Plasticity of clay deposits in the north should be confirmed.
Sulphate	Unknown sulphate content of the made ground and natural.
Road / Pavement Design	Unknown CBR values for footpath and road design should be calculated.

Table 7-3: Summary of geotechnical constraints.

7.2 Recommendations

Recommendations are provided in Table 7-4.

Contamination Status	There is sufficient information on the potential contaminative status of the site to allow conditional approval of a planning application, based on the proposed end use detailed in the PRA.
Further Assessment Recommendations	Phase 2 intrusive investigation required, once planning has been approved. Phase 2 investigation to be carried out in line with current guidance, including BS10175[9], BS5930[10] CIRIA C665[11], RB17[12] and BS8485[13]. Either 'exploratory investigation': 1 sample per 25-50m square centres. Or 'detailed investigation': 1 sample per 10-25m square centres. Plus targeted investigation locations in areas of concern (contamination and geotechnical). To be agreed with the local authority.
Type of Investigation Work	Boreholes and / or trial pits.
PL 1, 2, 5, 6, 7	Intrusive investigation work recommended to confirm ground conditions across the site. Testing of contaminants of concern based on preliminary conceptual model and field observations (PID tests and visual / olfactory evidence).
PL 3	Intrusive investigation to confirm ground conditions. If significant gas source and pathway identified, gas monitoring required. Gas monitoring: monitoring wells to be installed in boreholes, monitoring frequency and period subject to anticipated risk.
PL 4	Groundwater and surface water sampling, subject to ground conditions encountered. If required, groundwater samples to be collected from monitoring wells and tested for contaminants of concern based on preliminary conceptual model and ground conditions encountered. If required, sSurface water samples to be collected from the watercourse. A minimum of 3no. samples to be collected (upstream, midstream and downstream).
Reporting	Information from the above can be used to carry out a contamination and geotechnical assessment and provide a remediation strategy for the site.

[9] British Standard (2017). "Investigation of Potentially Contaminated Sites – Code of Practice". BS10175:2017.
[10] British Standard (2015). "Code of Practice for Ground Investigations". BS5930:2015.
[11] CIRIA (2007). "Assessing Risks Posed by Hazardous Ground Gases to Buildings". CIRIA C665.
[12] CL:AIRE Research Bulletin RB17 (November 2012) "A Pragmatic Approach to Ground Gas Risk Assessment".
[13] BSI (2015). "Code of Practice for the Design of Protective Measures for Methane and Carbon Dioxide Ground Gases for New Buildings"." BS8485:2015.

Importation of soils	Any topsoil or subsoil brought on to the site for use in gardens / soft landscaping should be suitably chemically validated prior to its use on site, according to Local Authority guidance.

Table 7-4: Recommendations.

Further Considerations are summarised in Table 7-5.

Unexploded Ordnance	A moderate risk from unexploded ordnance (UXO) has been identified. A detailed UXO desk study is being carried out to confirm the risk. The detailed desk study will confirm if any special precautions need to be considered before any intrusive work is carried out.
Asbestos	Even though no asbestos was identified externally on the existing buildings, given the age, there may be areas inside that have Asbestos Containing Materials (ACMs). Therefore, we would advise that a Pre-Demolition and Major Refurbishment Asbestos Survey is undertaken prior to demolition by a professional contractor. The LK Group have a designated Asbestos Department that would be happy to advise you on the appropriate steps to take in order to have the building suitably surveyed.

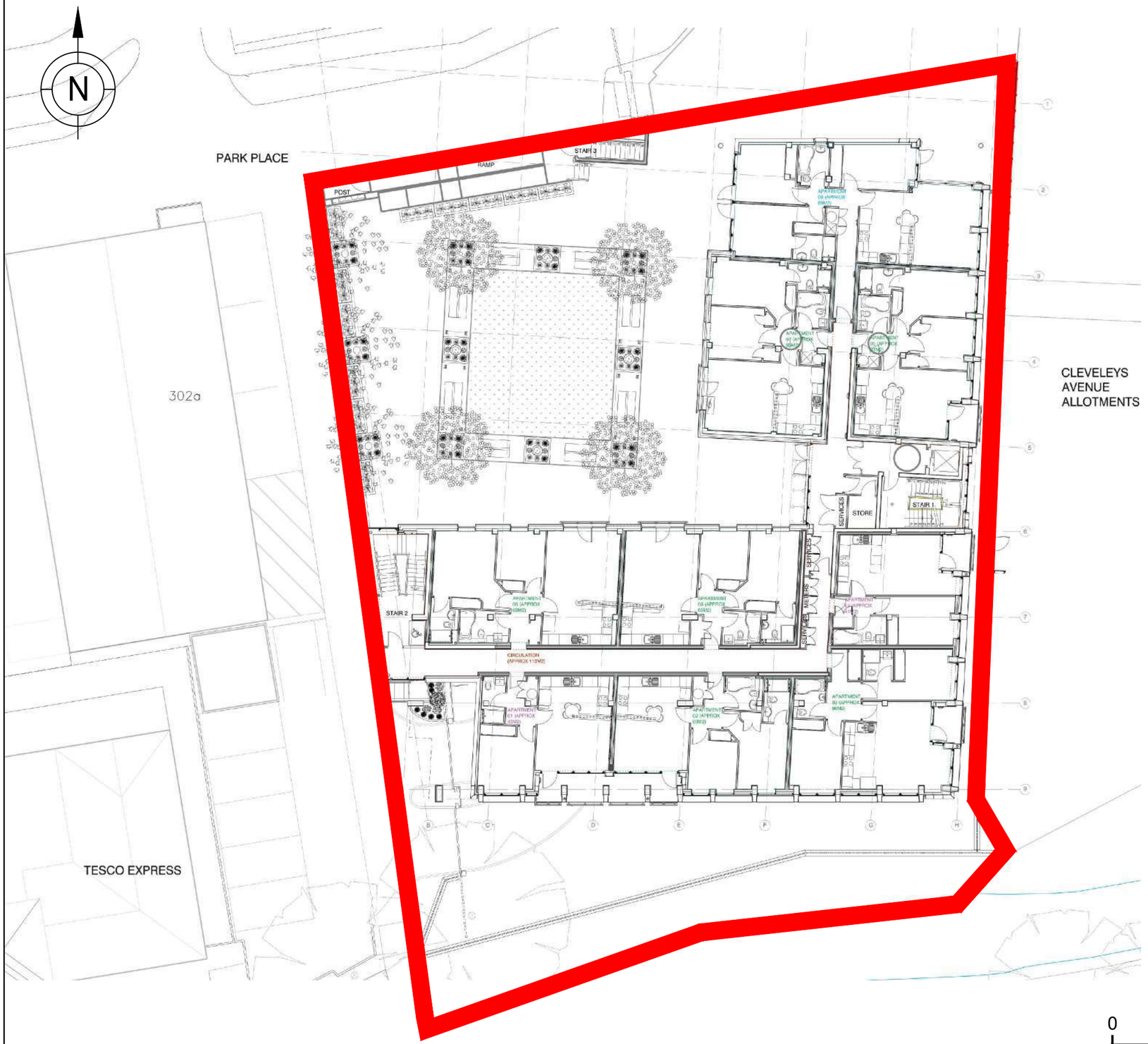
Table 7-5: Further considerations.

Figures





Rusholme Garden Investments Ltd	Site Location & Boundary Plan	
302B Barlow Moor Road, Manchester		
	1:1250 & 1:500 @ A4	1



0 10

SCALE (Metres)

Extract from: Urbane Forms
Drawing Ref: 18001, (0-)21B Ground Floor Plan, 15/06/2020

KEY

Site Boundary

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

LK CONSULT LIMITED

Client: Rusholme Garden Investments Ltd

Site: 302B Barlow Moor Road, Manchester

Title: Proposed Site Use

Job No.:	Scale (See Scale Bar):	Figure:	Revision:
LKC 21 1785	See Scale Bar	2	

Drawn By:	Checked By:	Drawn:
CC	BRH	Jan 2022

Appendix A

Historical Maps

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit
Sand Pit
Other Pits
Quarry
Shingle
Orchard
Osiers
Reeds
Marsh
Mixed Wood
Deciduous
Brushwood
Fir
Furze
Rough Pasture
Arrow denotes flow of water
Trigonometrical Station
Site of Antiquities
Bench Mark
Pump, Guide Post, Signal Post
Well, Spring, Boundary Post
·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)
R.D. 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
Pylon
Electricity Transmission Line
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
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

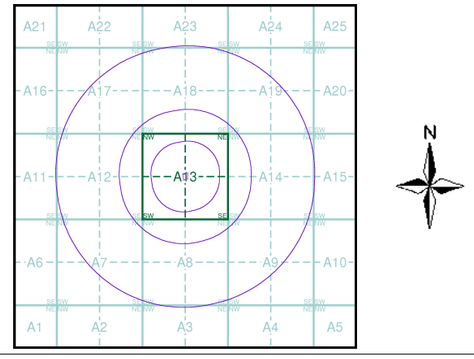
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community 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

LKC 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	5
Cheshire	1:10,560	1899	6
Lancashire And Furness	1:10,560	1908	7
Cheshire	1:10,560	1911	8
Cheshire	1:10,560	1911	9
Lancashire And Furness	1:10,560	1923	10
Lancashire And Furness	1:10,560	1934	11
Lancashire And Furness	1:10,560	1938	12
Cheshire	1:10,560	1938	13
Ordnance Survey Plan	1:10,000	1955	14
Ordnance Survey Plan	1:10,000	1966	15
Manchester	1:25,000	1975	16
Ordnance Survey Plan	1:10,000	1981	17
Ordnance Survey Plan	1:10,000	1989	18
10K Raster Mapping	1:10,000	1999	19
10K Raster Mapping	1:10,000	2006	20
VectorMap Local	1:10,000	2021	21

Historical Map - Slice A



Order Details

Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

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Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale

- 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 (бум.)
- Factory or Mill without Chimney (скип.)
- Mine or Open Pit Mine (медн.)
- Operating Shaft or Mine (кам. уг.)
- Non-Operating Shaft or Mine
- Salt Mine (сол.)
- Tailings Pile
- Pit (– 1.7)
- Stone Quarry (гл. пес. кам.)
- Gas Pump or Service Station
- Fuel Storage or Natural Gas Tank
- Oil or Natural Gas Derrick
- Small Hydroelectric Power Station
- Power Station
- Transformer Station (б.тр.)
- Cemetery
- Burial Mound (height in metres) (+ 8.1)
- Triangulation Point on Burial Mound (95.7)
- Triangulation Point (92.6)
- Bench Mark (52.1)
- Bench Mark (monumented) (71.1)
- Telegraph Office
- Telephone Station
- Radio Station
- Radio Tower
- Airfield or Seaplane Base
- Landing Strip
- Main Highway (Cut, Fill, Km Post, Plantings, Telegraph/Telephone Lines)
- Highway under Construction
- Improved Dirt Road (former truck road) (Width of Road, Steep Grade)
- Double-track Railroad with First Class Station (Small Bridge, Pipe (Culvert), Tunnel)
- Dismantled Railroad
- Railroad Under Construction
- Shore Embankment
- River or Ditch with Embankment (+ 2.4)
- Water Level Mark (Water Gauge, Direction and velocity of current, 135.1)
- Well (К. 125.0 гл. 8м (г.-сол.))
- Water Reservoir or Rain Water Pit (вдхр.)
- Spring (156.2 кл.)
- Isobath with value (20)
- Heavy (Index) Contour Line
- Contour Line and Value (20)
- Half Contour Line
- Spot Elevation Value (347.1)
- Coniferous
- Deciduous
- Mixed
- Scrub

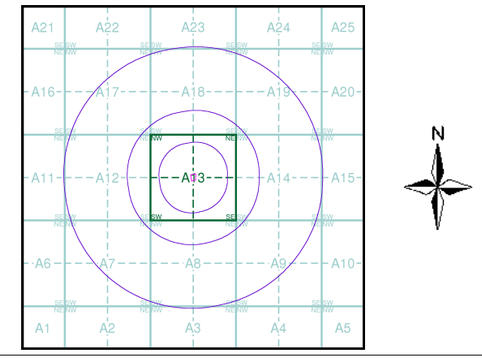
Key to Numbers on Mapping

LKC GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
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Cheshire	1:10,560	1899	6
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Ordnance Survey Plan	1:10,000	1989	18
10K Raster Mapping	1:10,000	1999	19
10K Raster Mapping	1:10,000	2006	20
VectorMap Local	1:10,000	2021	21

Russian Map - Slice A



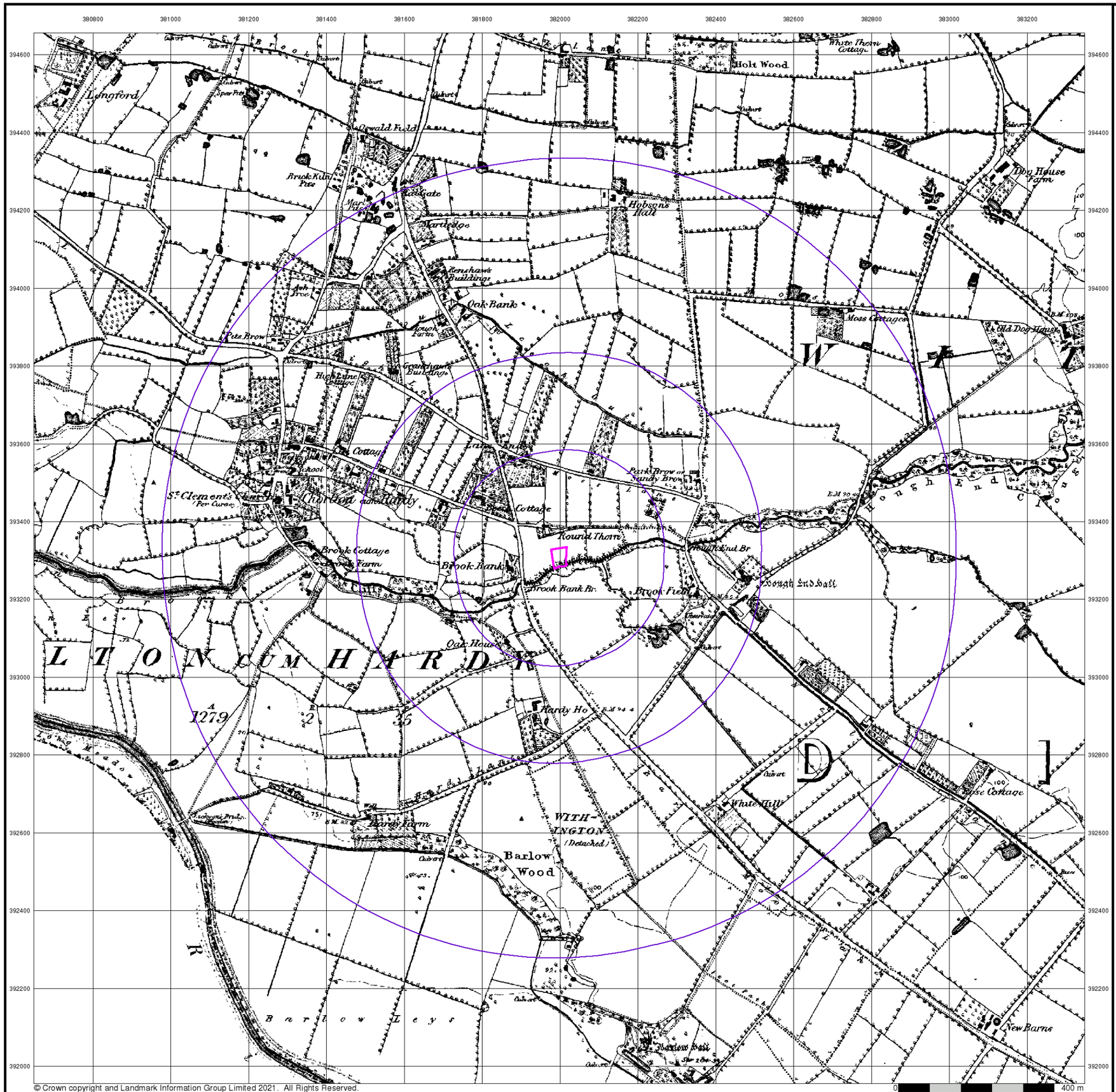
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National Grid Reference: 382000, 393310
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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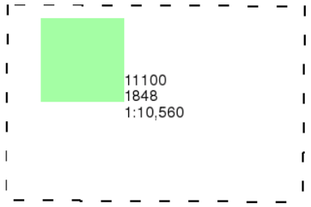
Lancashire And Furness

Published 1848

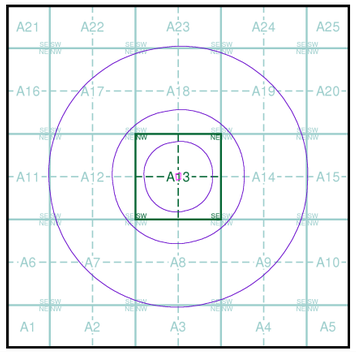
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



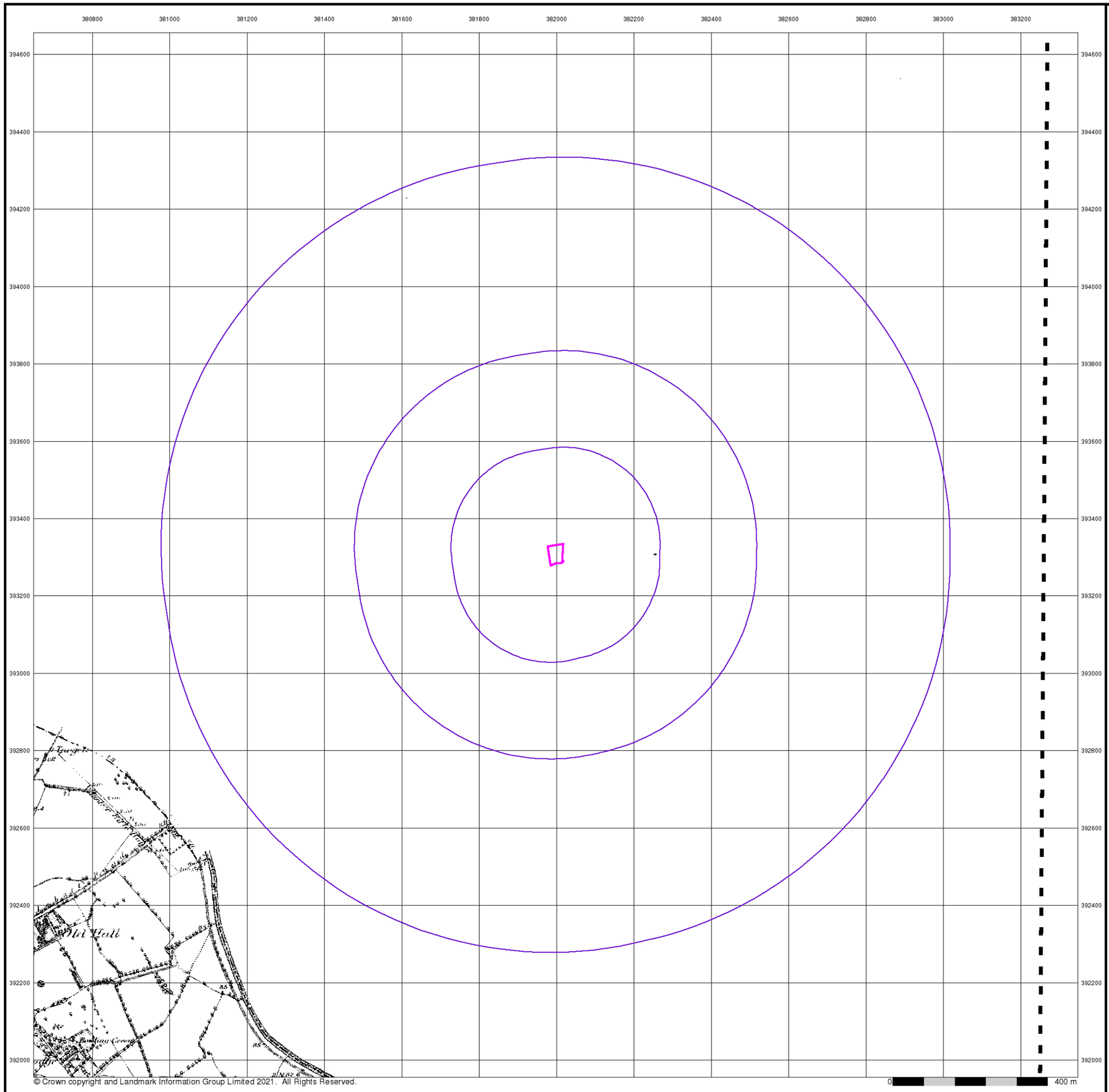
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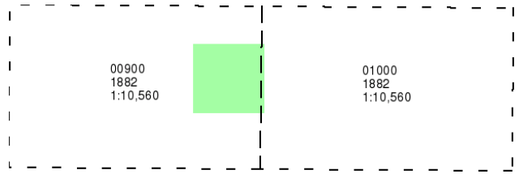
Cheshire

Published 1882

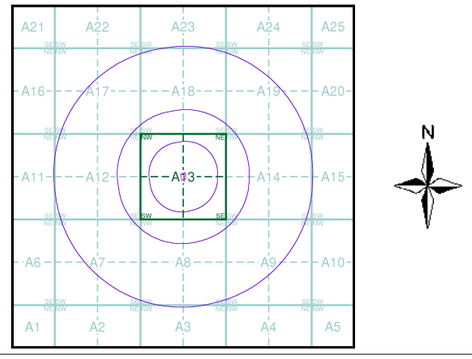
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Map Name(s) and Date(s)



Historical Map - Slice A



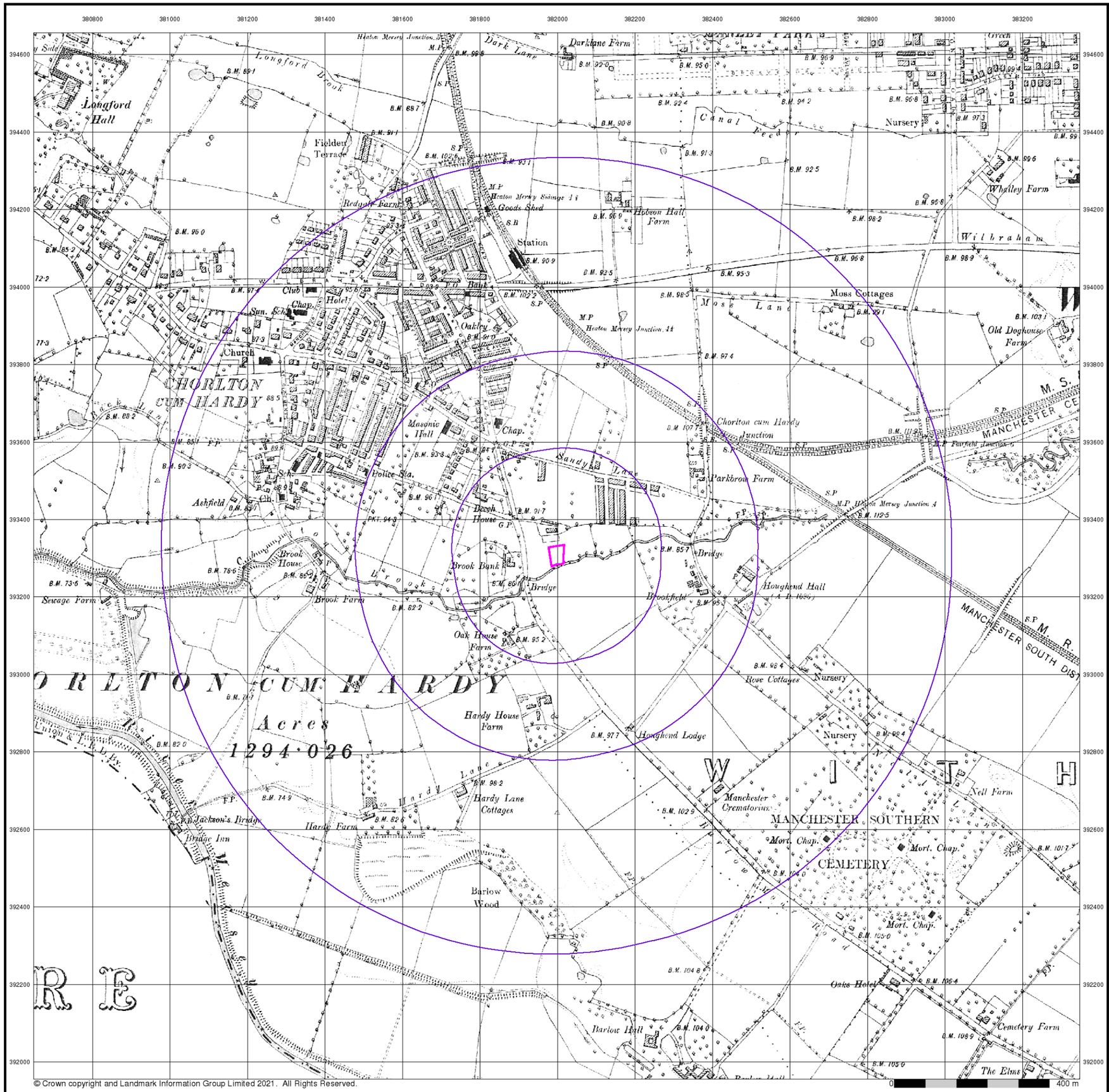
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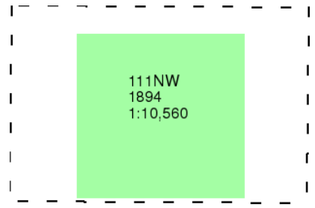
Lancashire And Furness

Published 1894

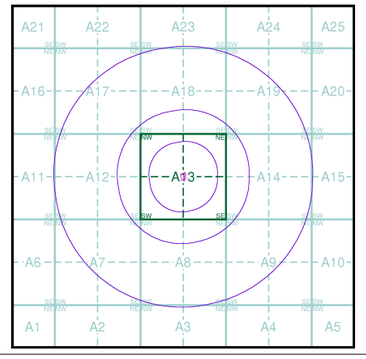
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



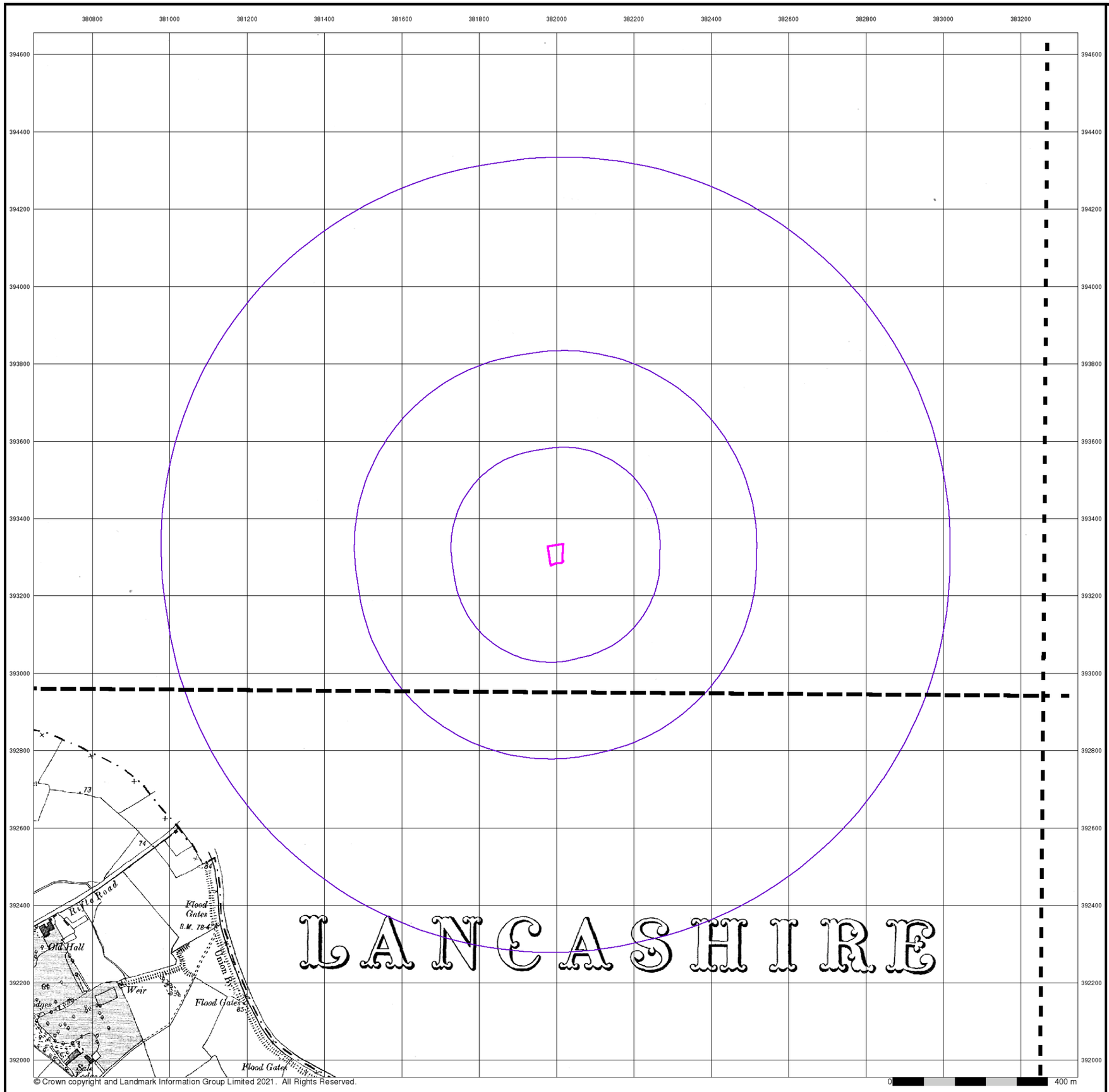
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National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
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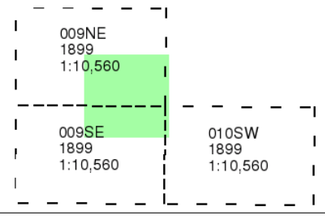
Cheshire

Published 1899

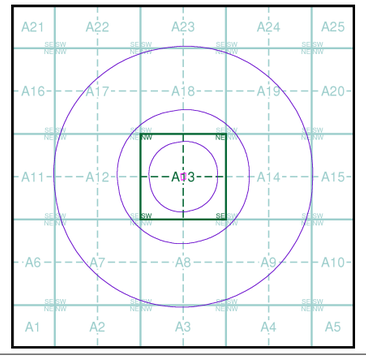
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	288758637_1_1
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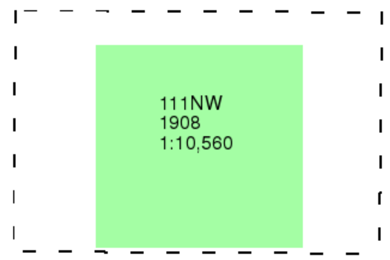
Lancashire And Furness

Published 1908

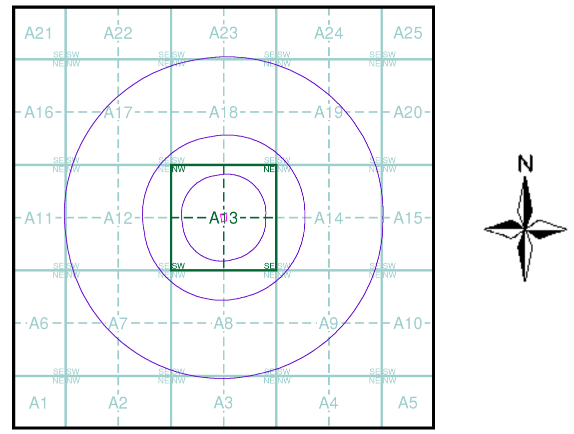
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

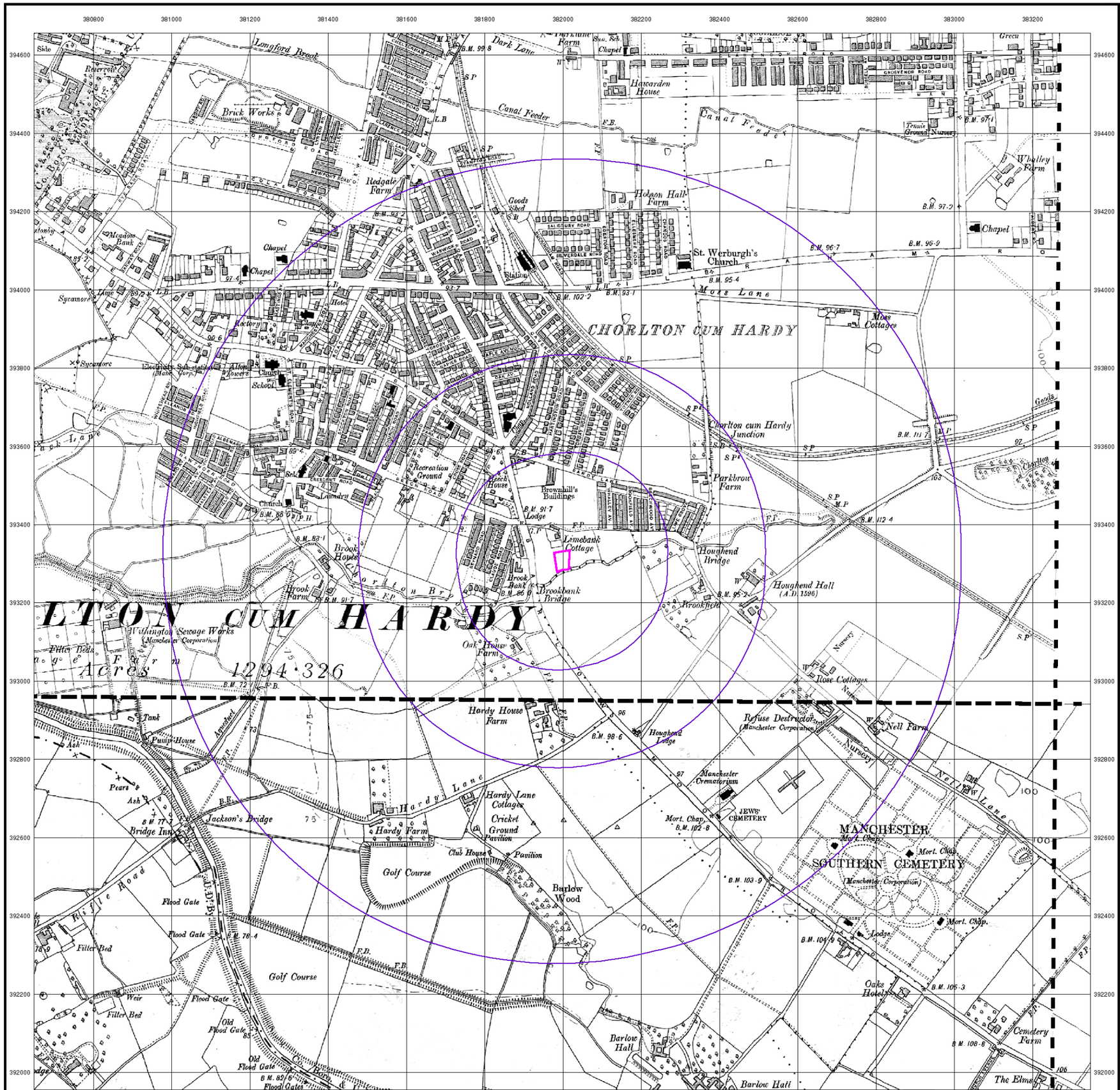
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National Grid Reference: 382000, 393310
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

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Cheshire

Published 1911

Source map scale - 1:10,560

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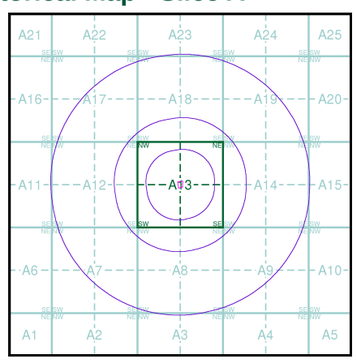
Map Name(s) and Date(s)

009NE 1911 1:10,560

009SE 1911 1:10,560

010SW 1911 1:10,560

Historical Map - Slice A



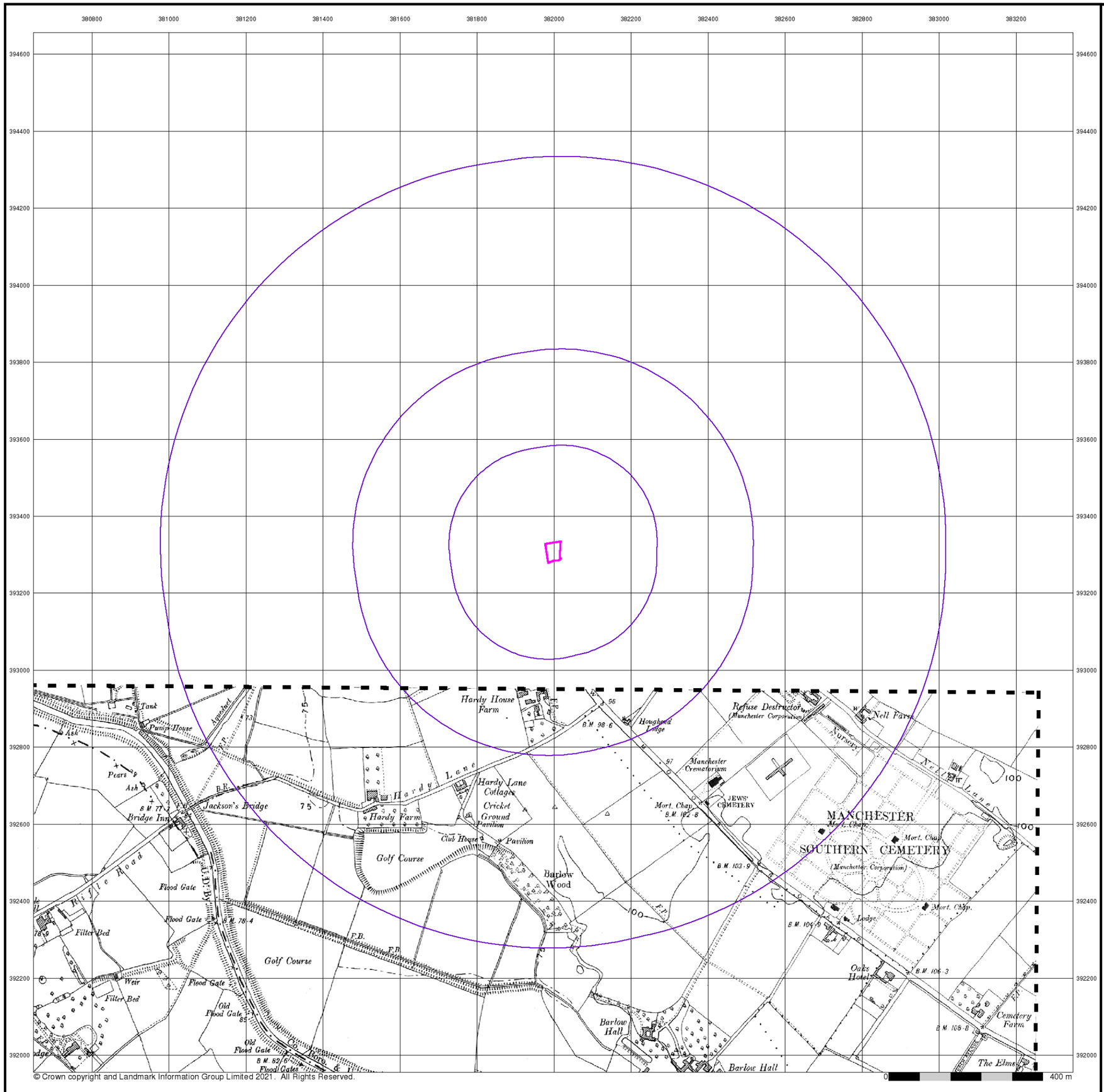
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Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

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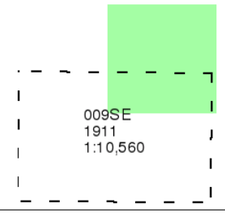
Cheshire

Published 1911

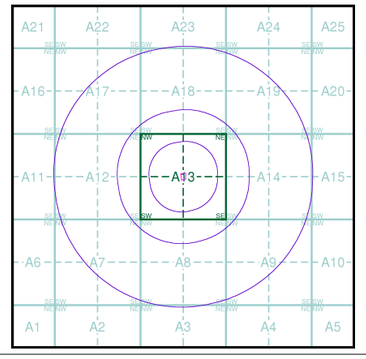
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

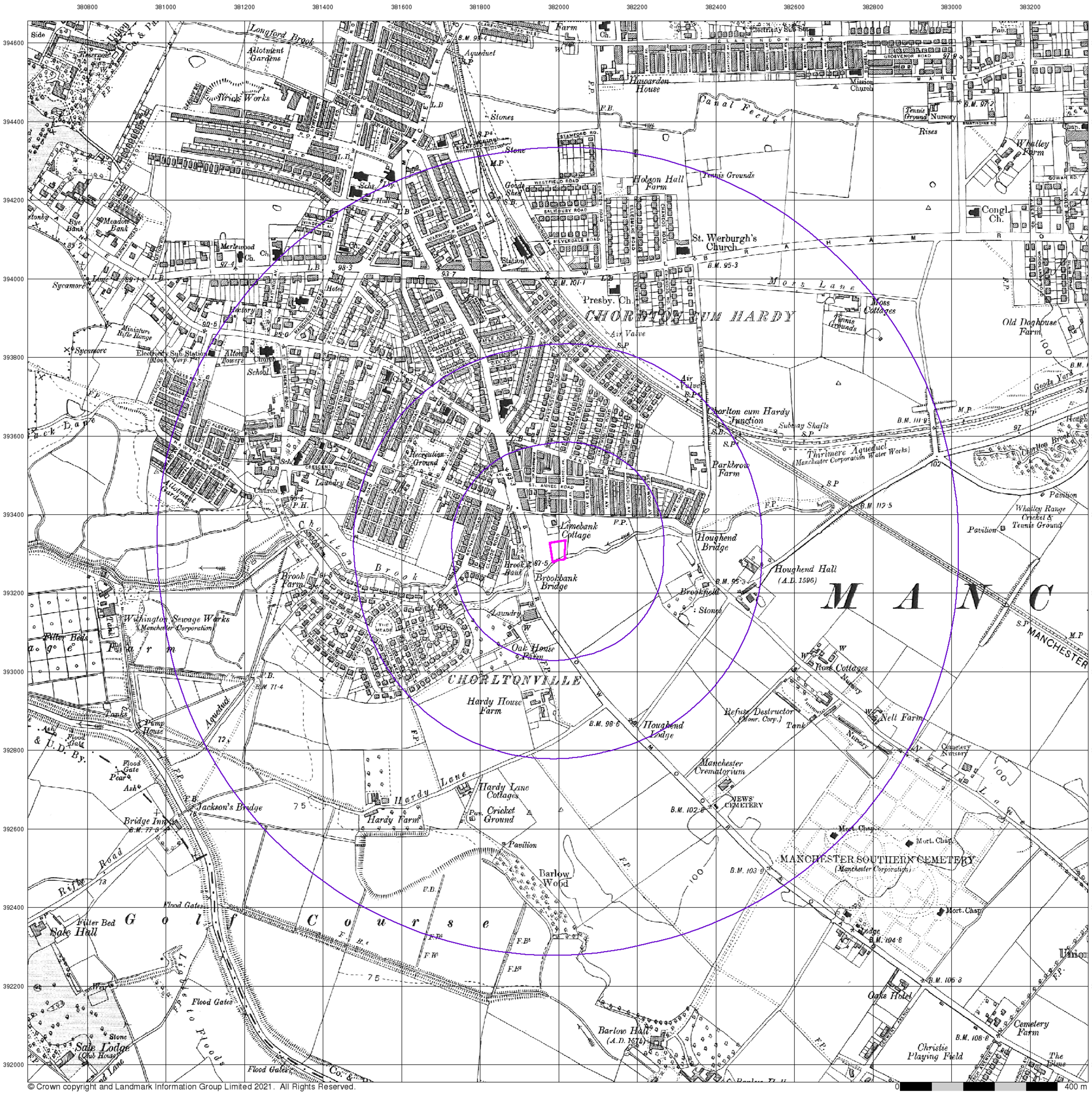


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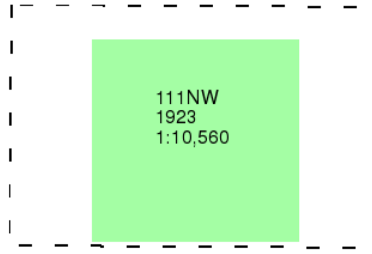
Lancashire And Furness

Published 1923

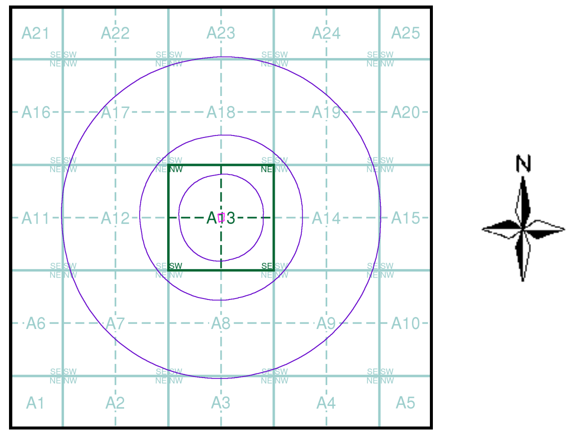
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



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0 400 m

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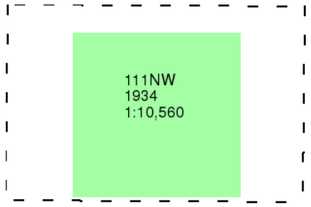
Lancashire And Furness

Published 1934

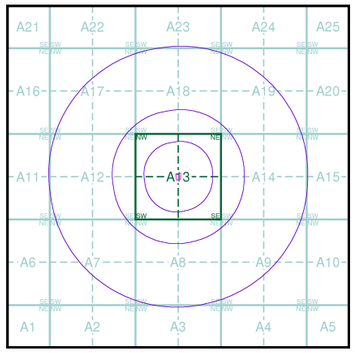
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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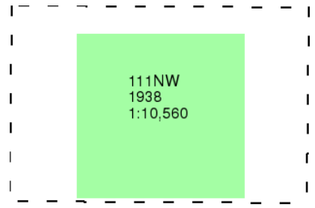
Lancashire And Furness

Published 1938

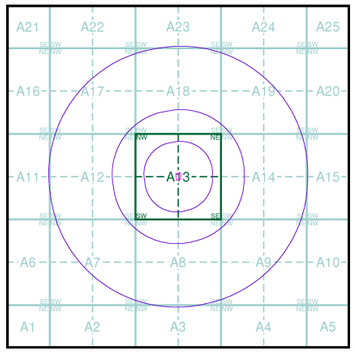
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



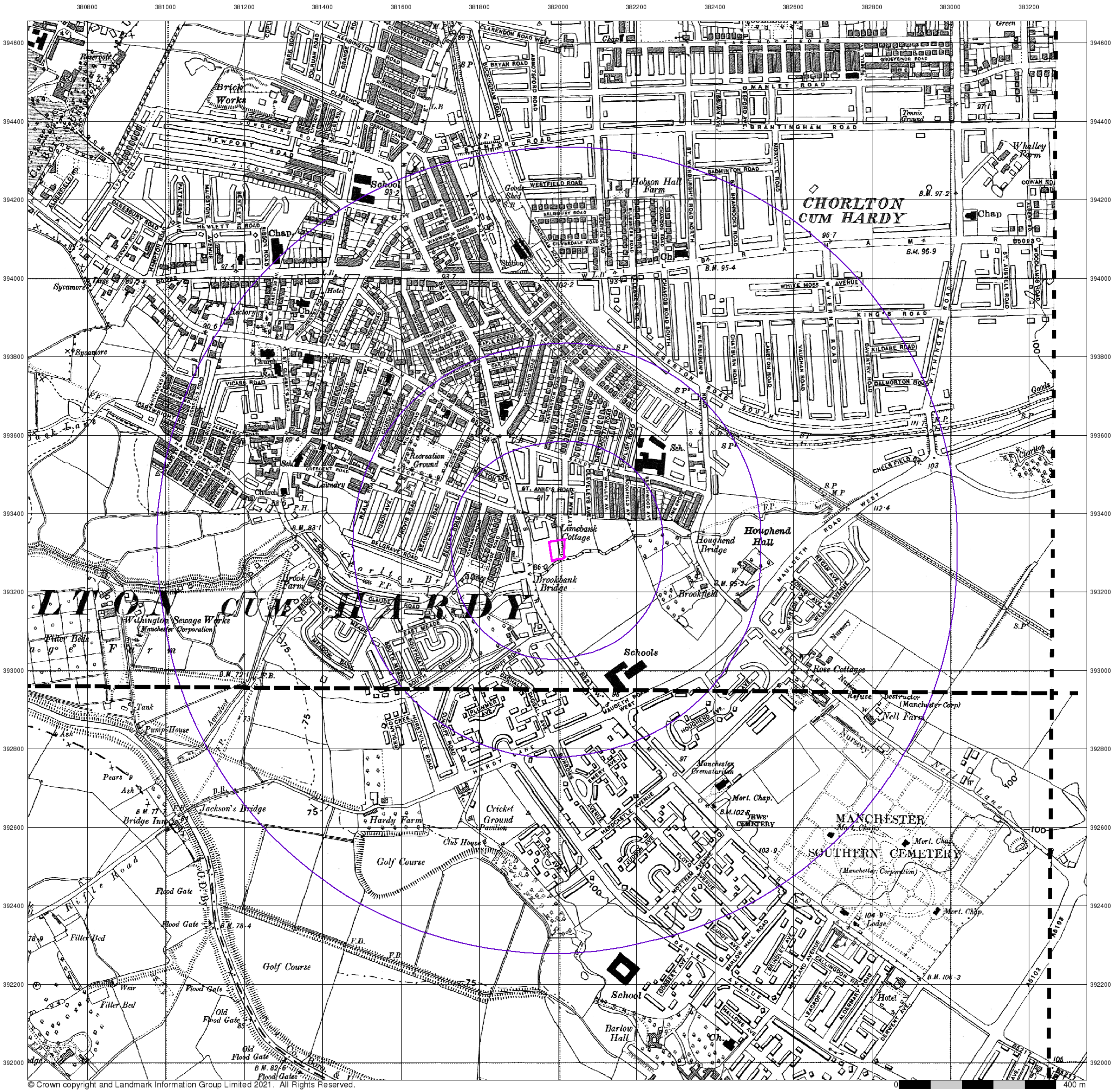
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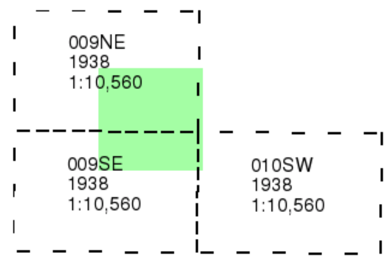
Cheshire

Published 1938

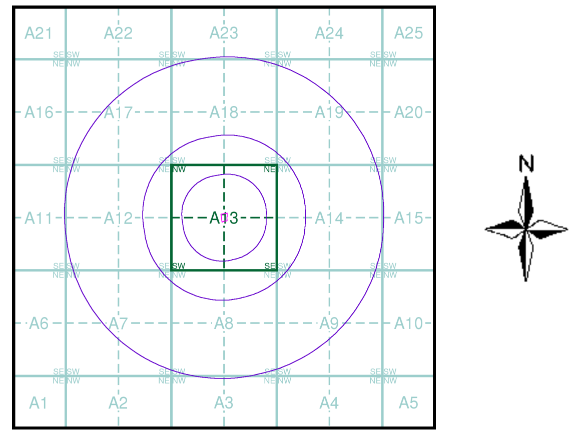
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



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0 400 m

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Ordnance Survey Plan

Published 1955

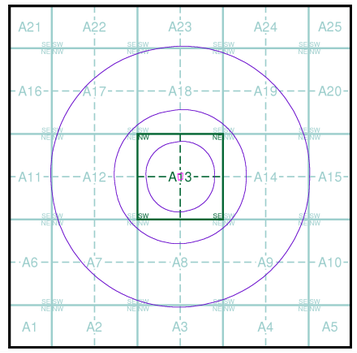
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SJ89SW
1955
1:10,560

Historical Map - Slice A



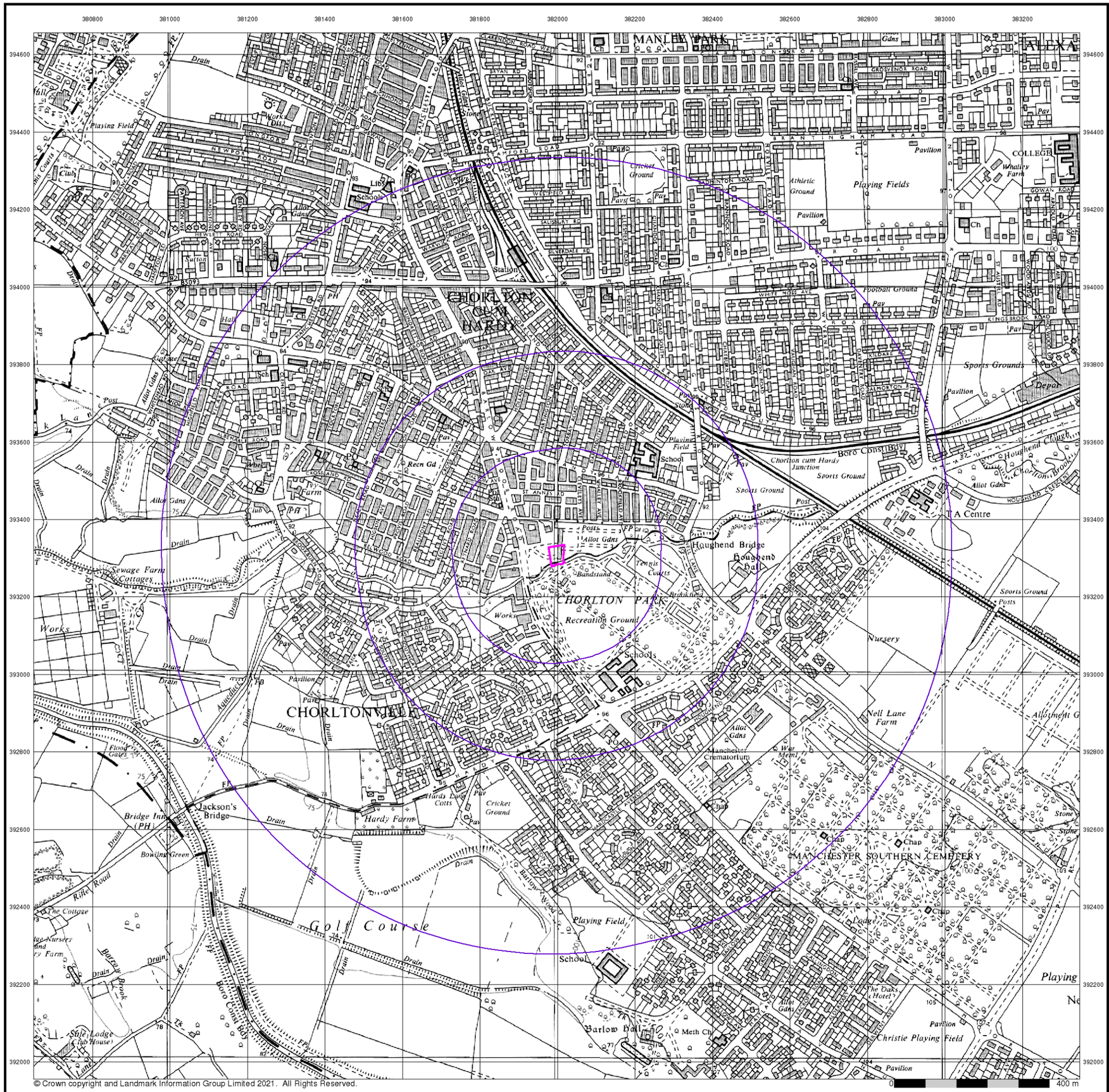
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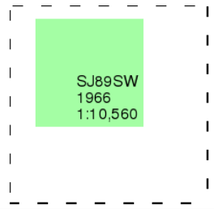
Ordnance Survey Plan

Published 1966

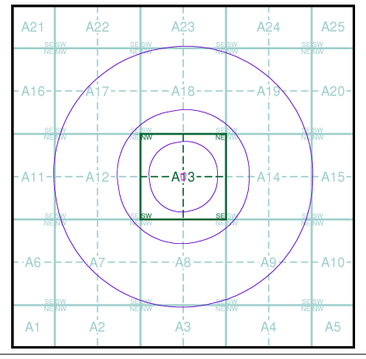
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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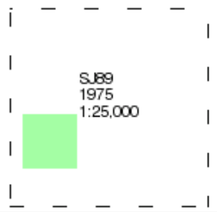
Manchester

Published 1975

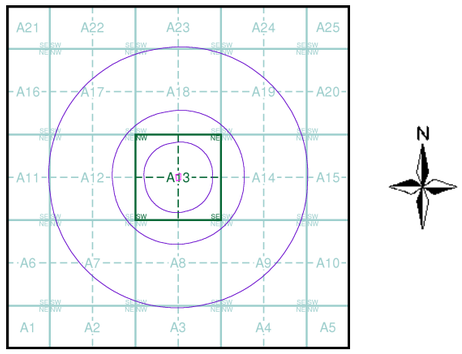
Source map scale - 1:25,000

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



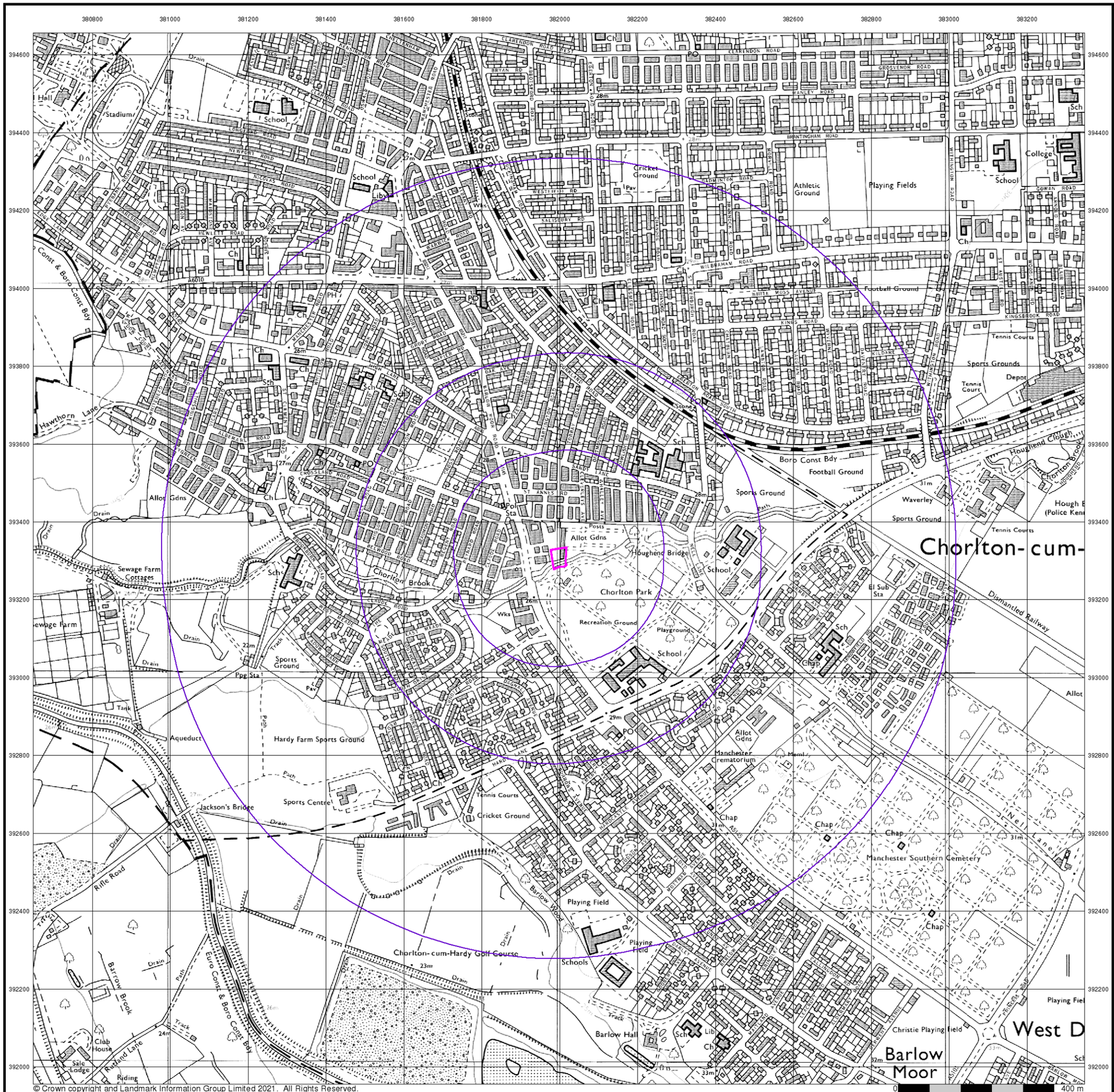
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Ordnance Survey Plan

Published 1981

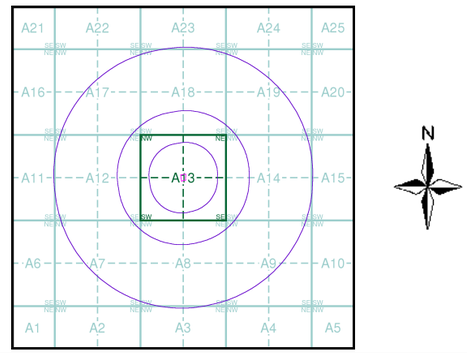
Source map scale - 1:10,000

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Map Name(s) and Date(s)

SJ89SW
1981
1:10,000

Historical Map - Slice A



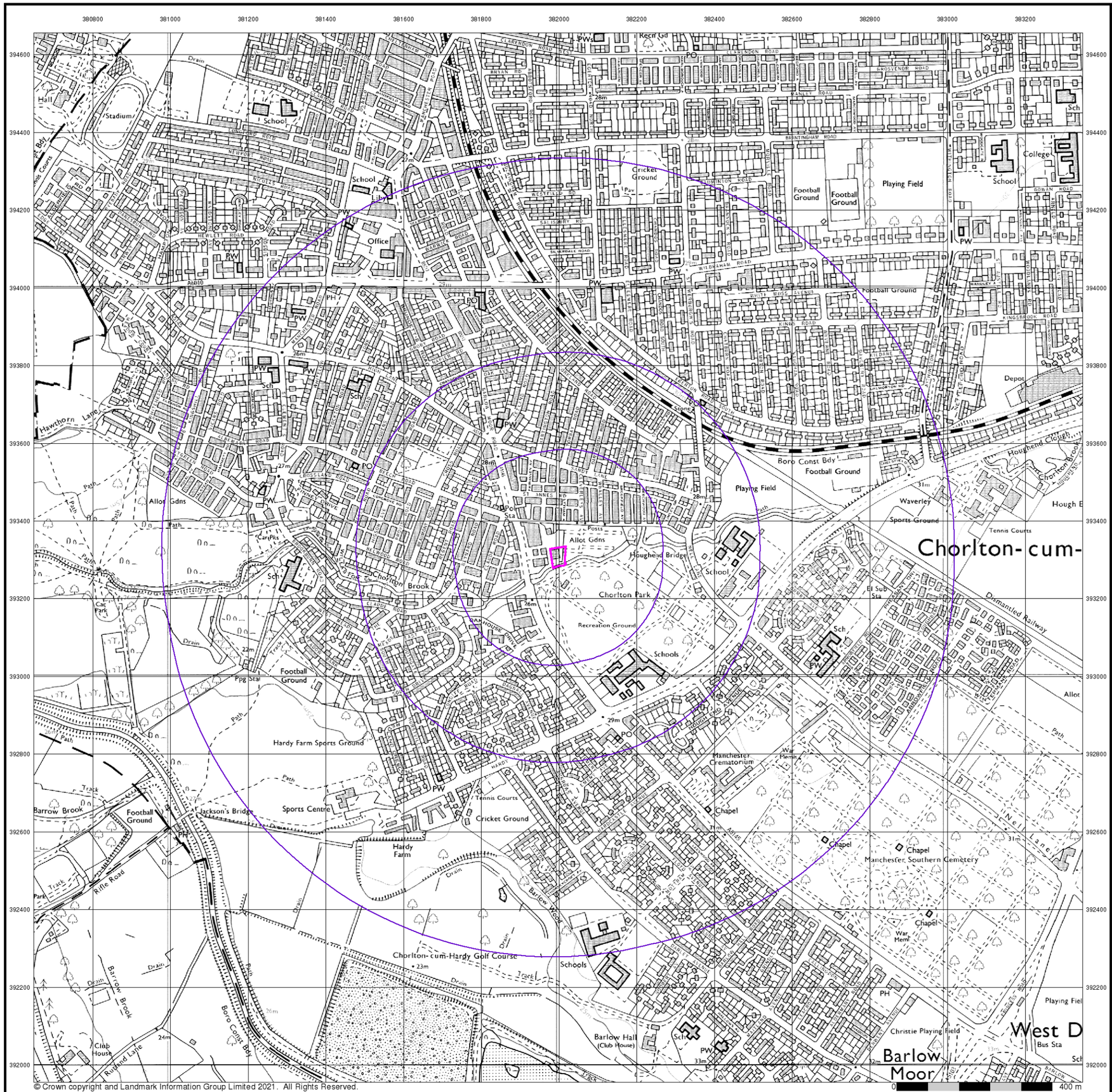
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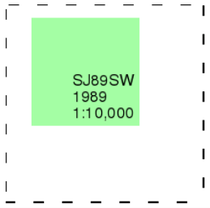
Ordnance Survey Plan

Published 1989

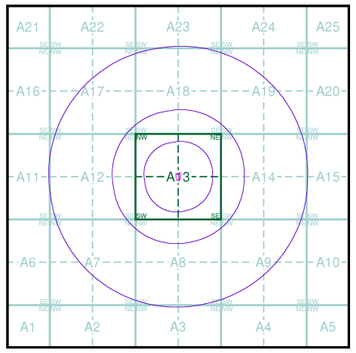
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



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10k Raster Mapping

Published 1999

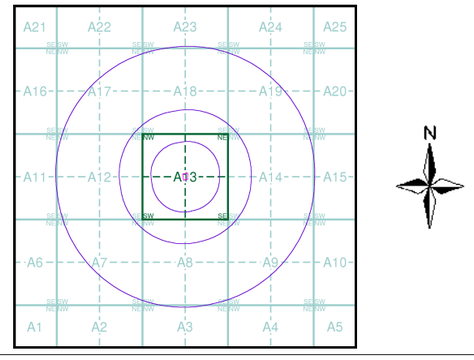
Source map scale - 1:10,000

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)

SJ89SW
1999
1:10,000

Historical Map - Slice A



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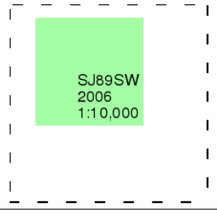
10k Raster Mapping

Published 2006

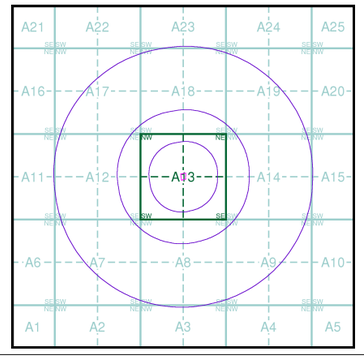
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



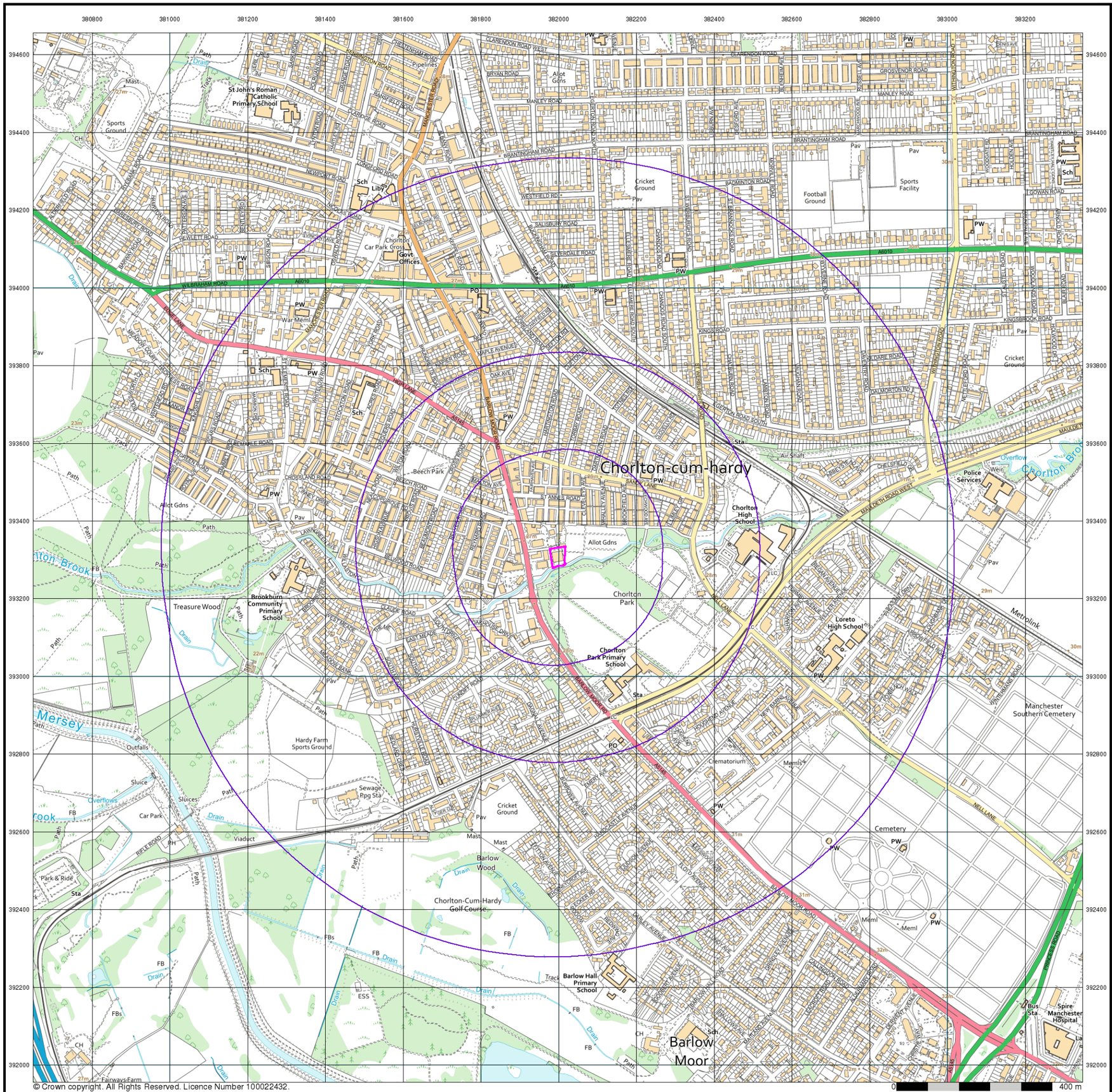
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Search Buffer (m):	1000

Site Details

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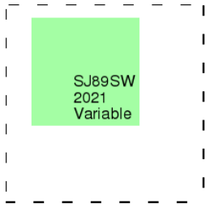
VectorMap Local

Published 2021

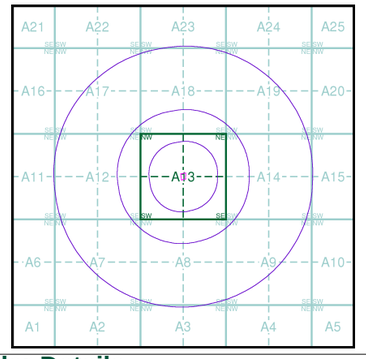
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

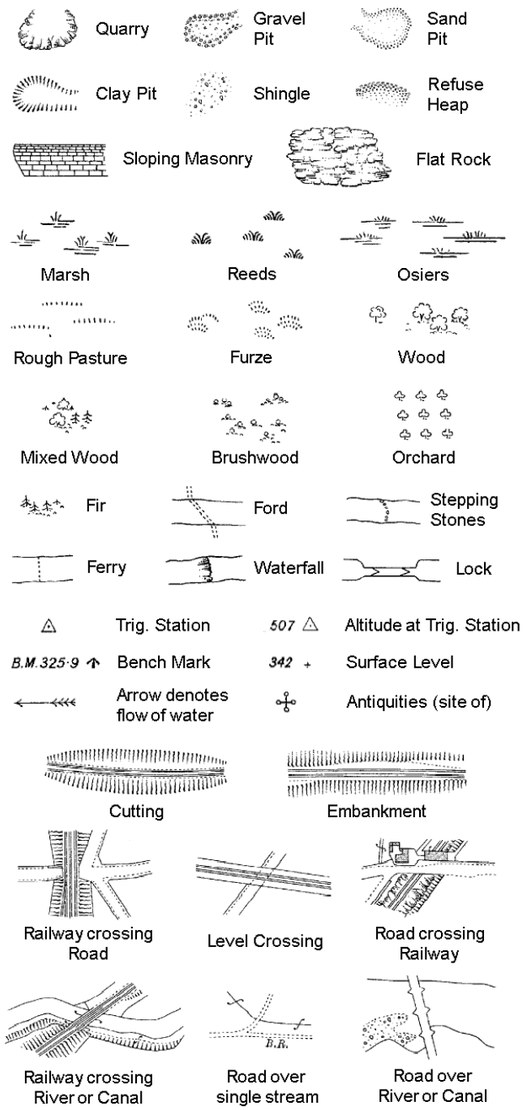
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Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

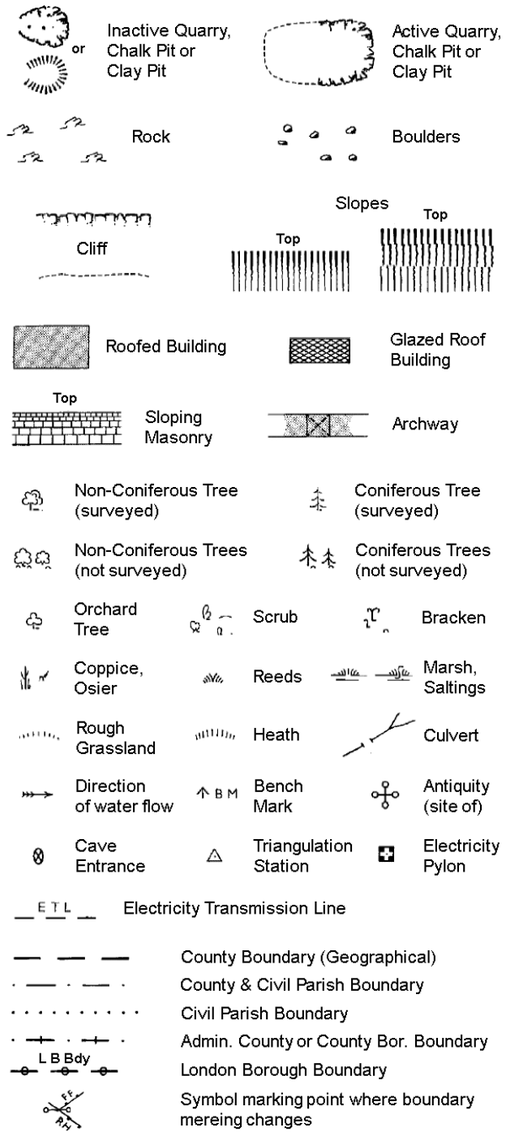
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

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	St.	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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

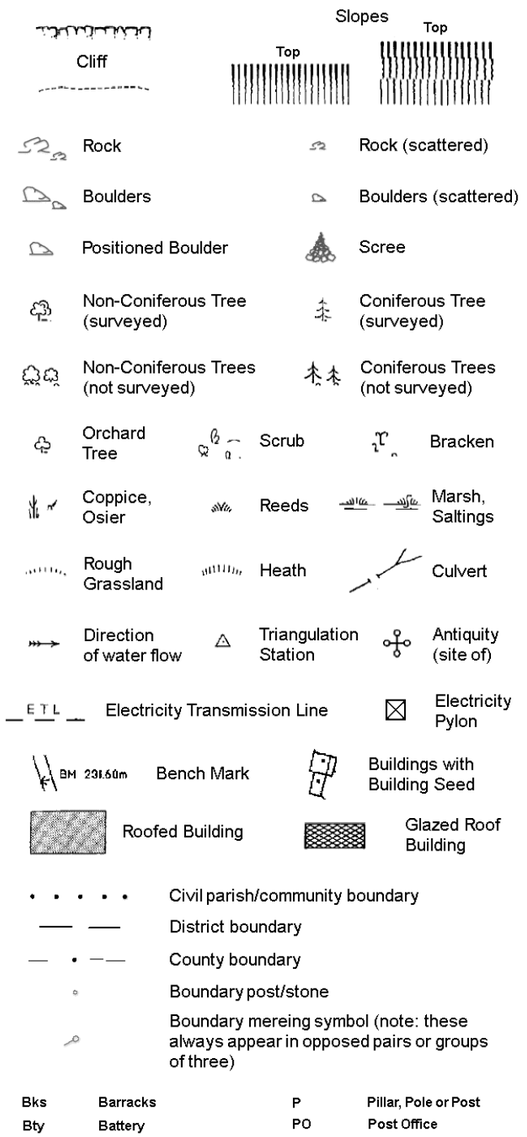
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

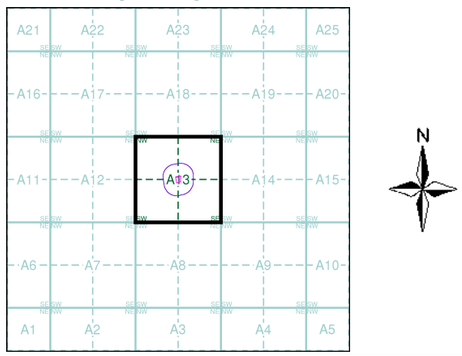
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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 Governer	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	1894	2
Lancashire And Furness	1:2,500	1907	3
Lancashire And Furness	1:2,500	1933	4
Ordnance Survey Plan	1:1,250	1955 - 1956	5
Ordnance Survey Plan	1:2,500	1955 - 1956	6
Additional SIMs	1:1,250	1955 - 1992	7
Ordnance Survey Plan	1:1,250	1974 - 1975	8
Additional SIMs	1:1,250	1984	9
Additional SIMs	1:1,250	1988 - 1992	10
Large-Scale National Grid Data	1:1,250	1992	11
Large-Scale National Grid Data	1:1,250	1995	12
Large-Scale National Grid Data	1:1,250	1996	13
Historical Aerial Photography	1:2,500	2000	14

Historical Map - Segment A13



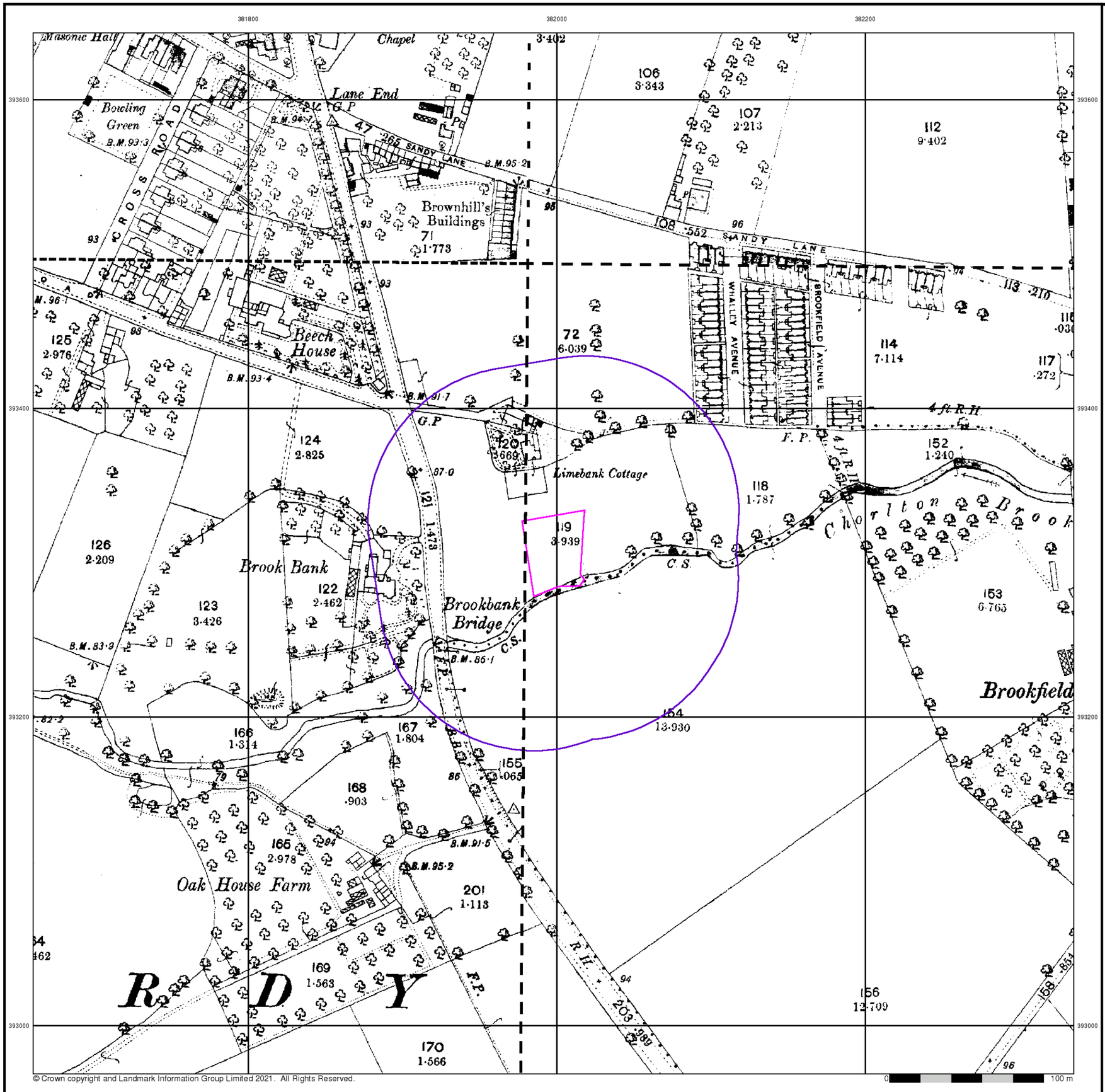
Order Details

Order Number: 288758637_1_1
Customer Ref: LKC 21 1785
National Grid Reference: 382000, 393310
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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Fax: 0844 844 9951
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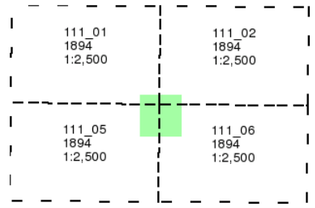
Lancashire And Furness

Published 1894

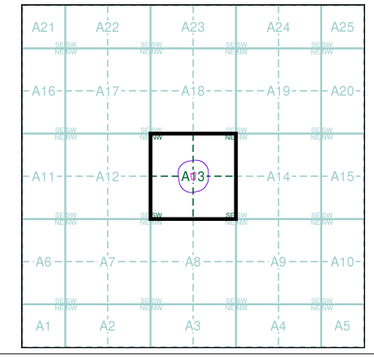
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

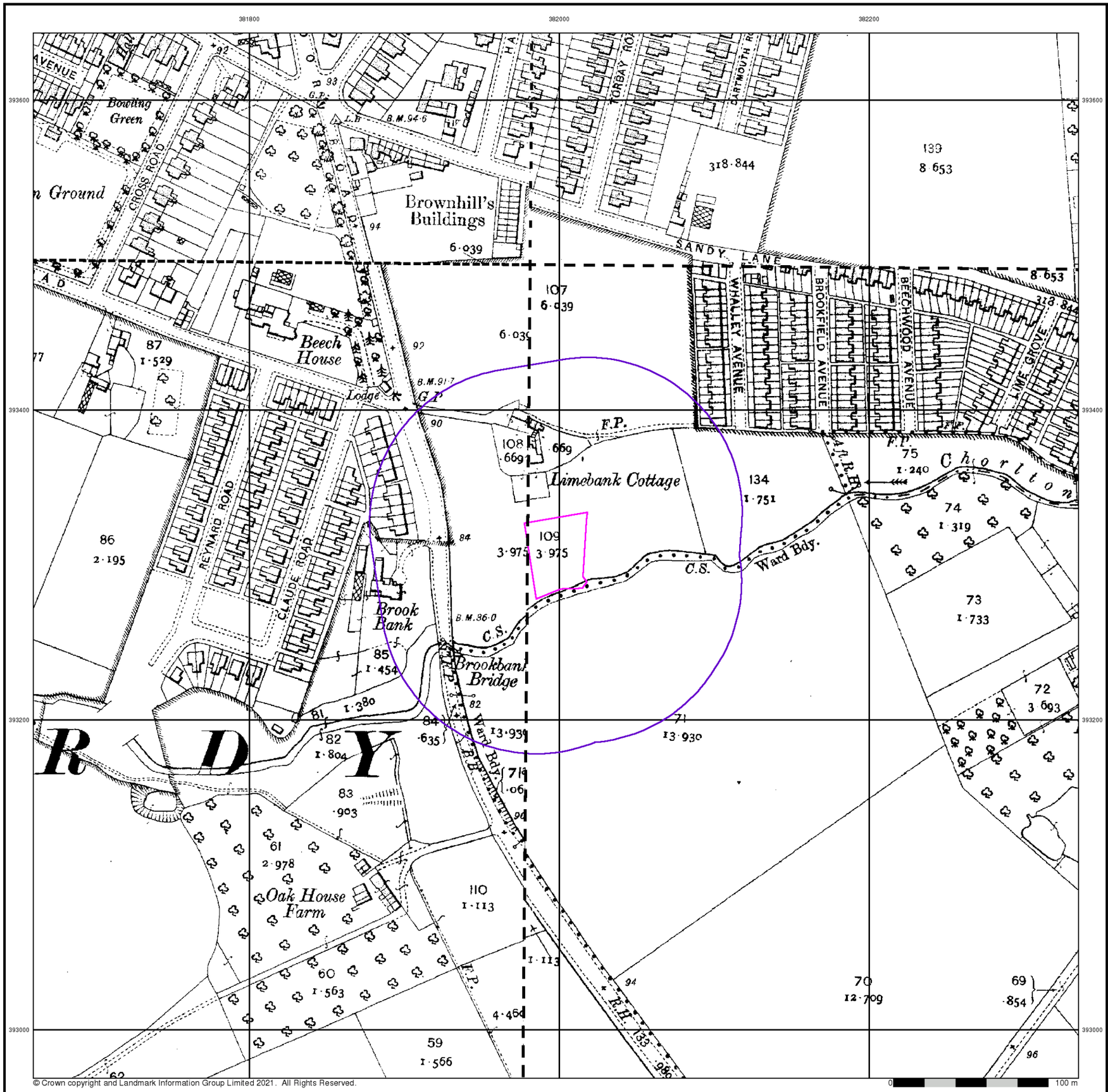
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Slice:	A
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Search Buffer (m):	100

Site Details

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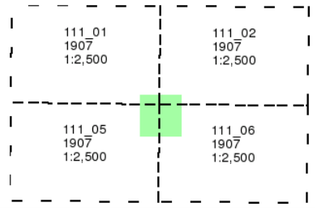
Lancashire And Furness

Published 1907

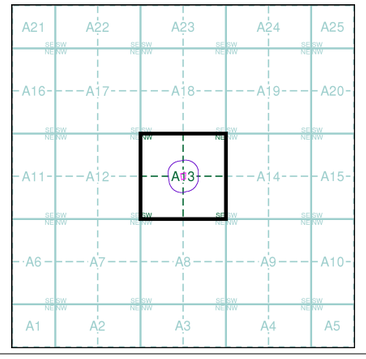
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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National Grid Reference:	382000, 393310
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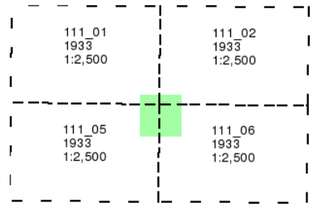
Lancashire And Furness

Published 1933

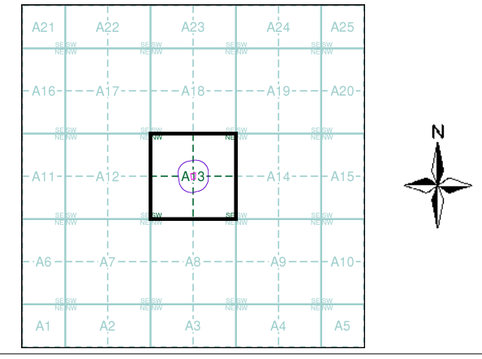
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

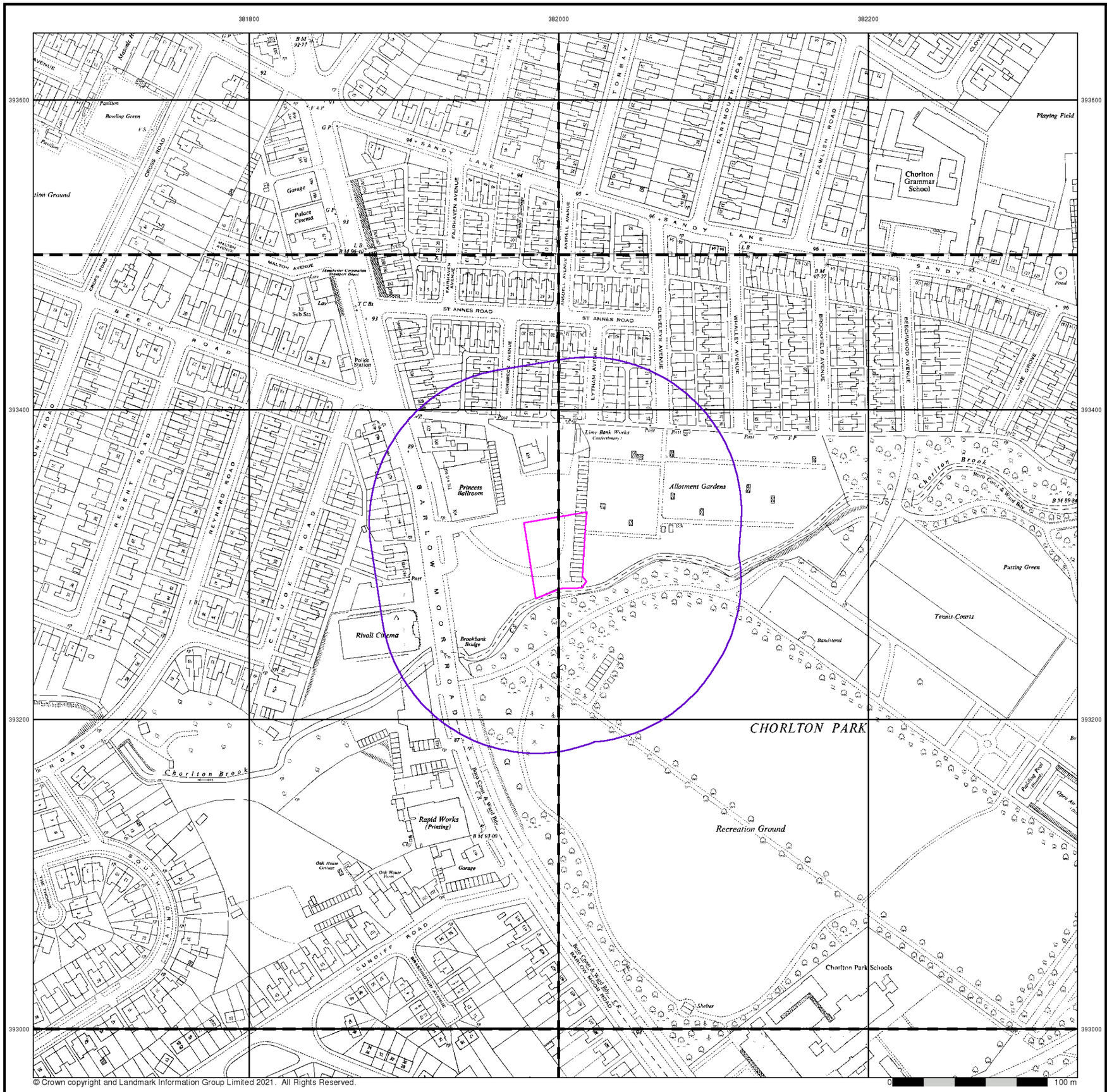
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National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
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Site Details

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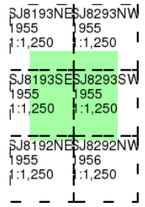
Ordnance Survey Plan

Published 1955 - 1956

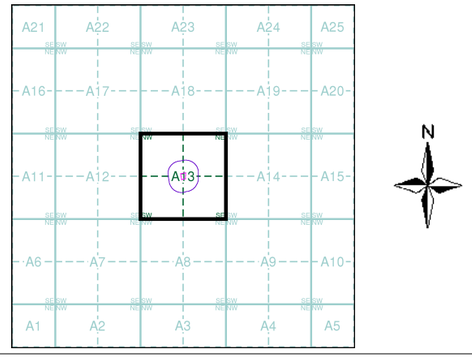
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



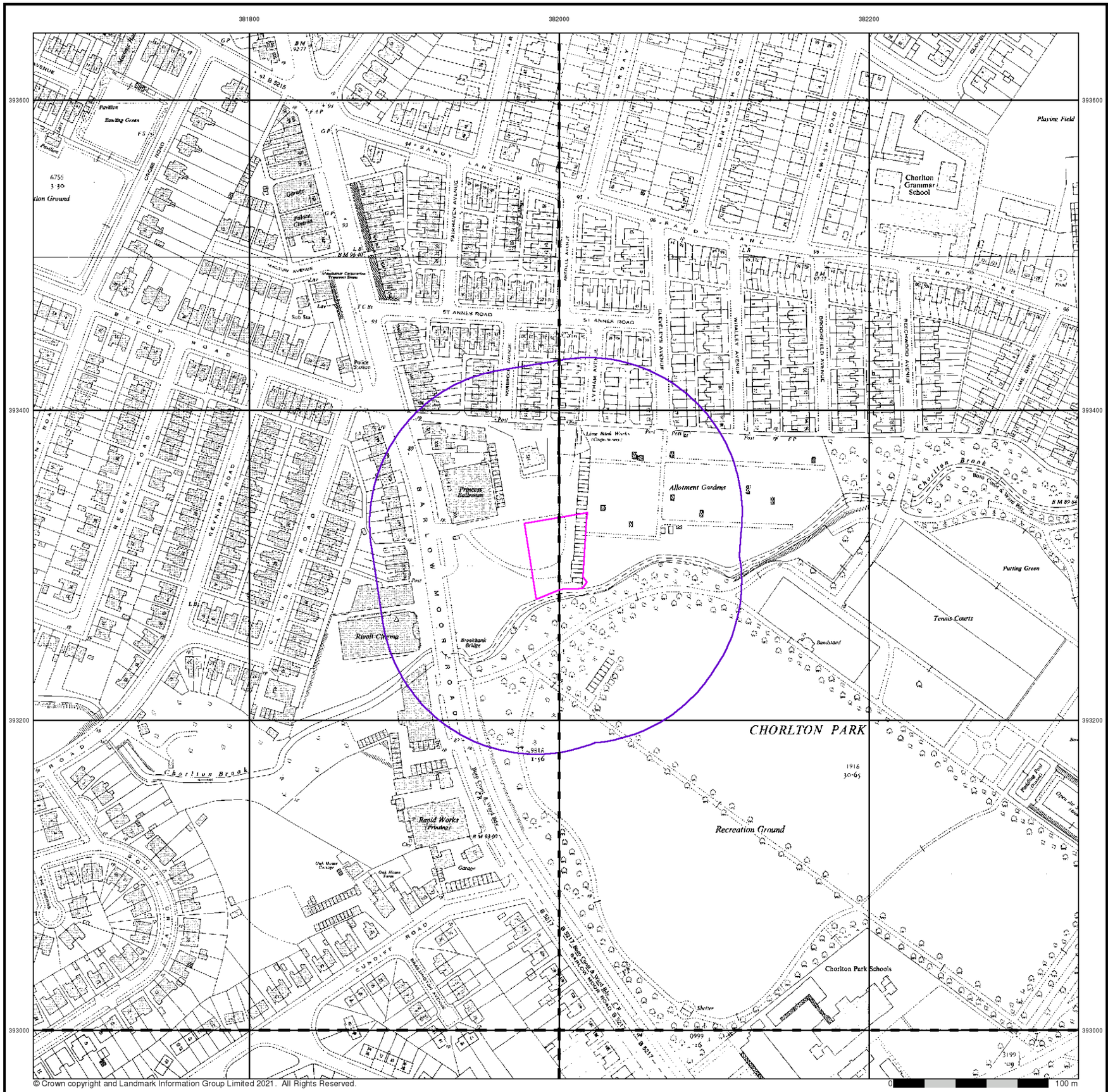
Order Details

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Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	100

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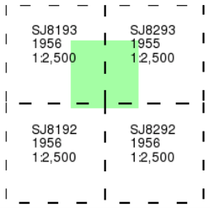
Ordnance Survey Plan

Published 1955 - 1956

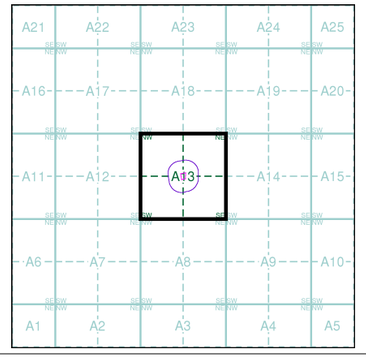
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Map Name(s) and Date(s)



Historical Map - Segment A13



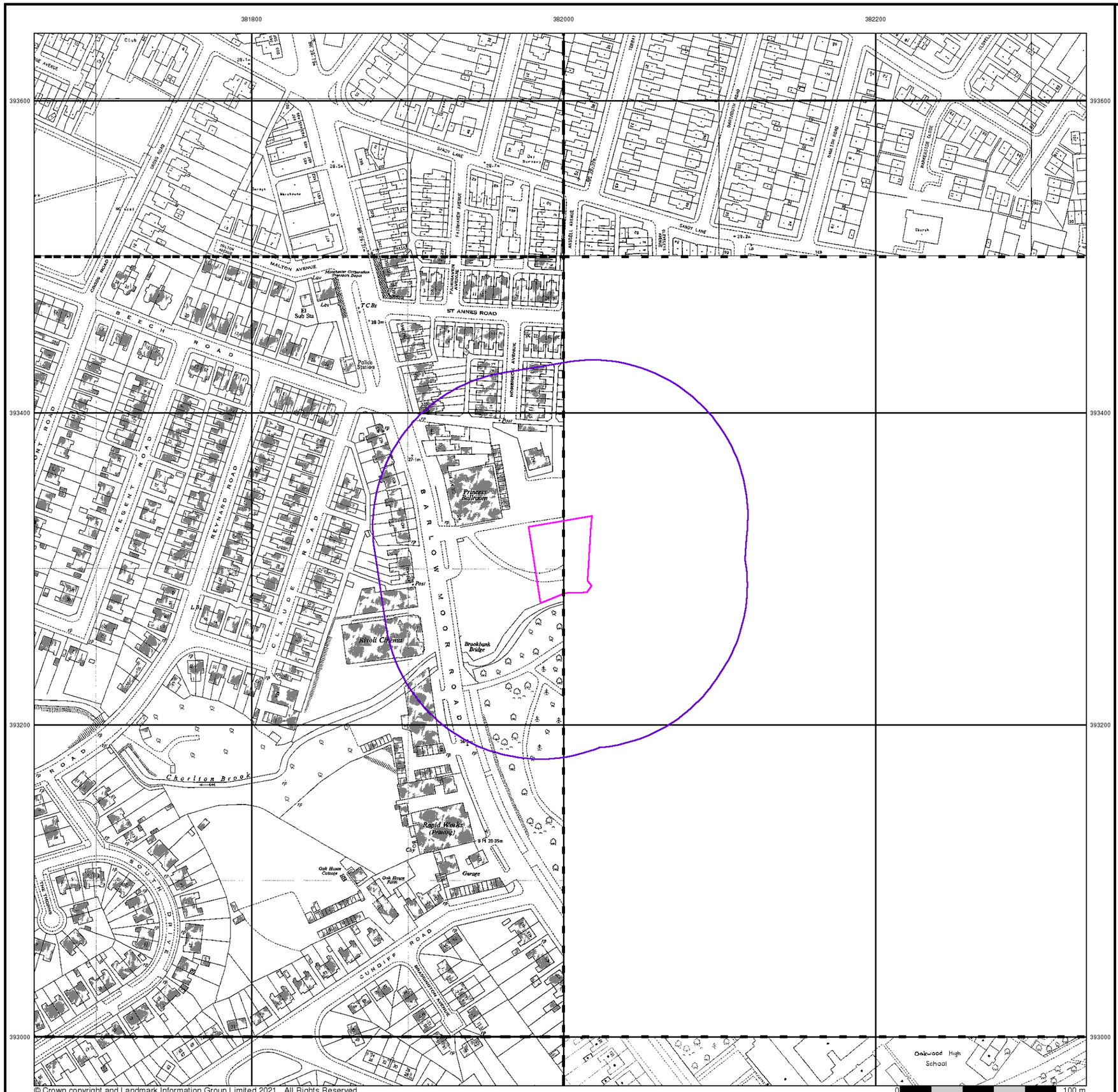
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Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
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Site Details

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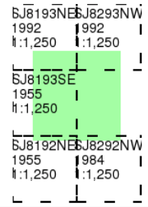
Additional SIMs

Published 1955 - 1992

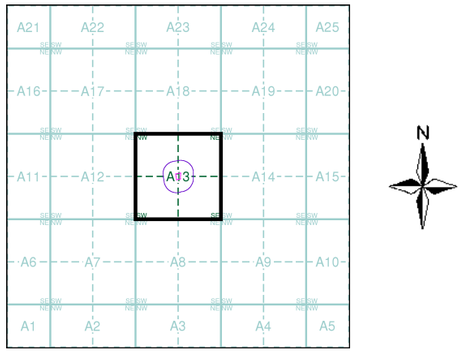
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



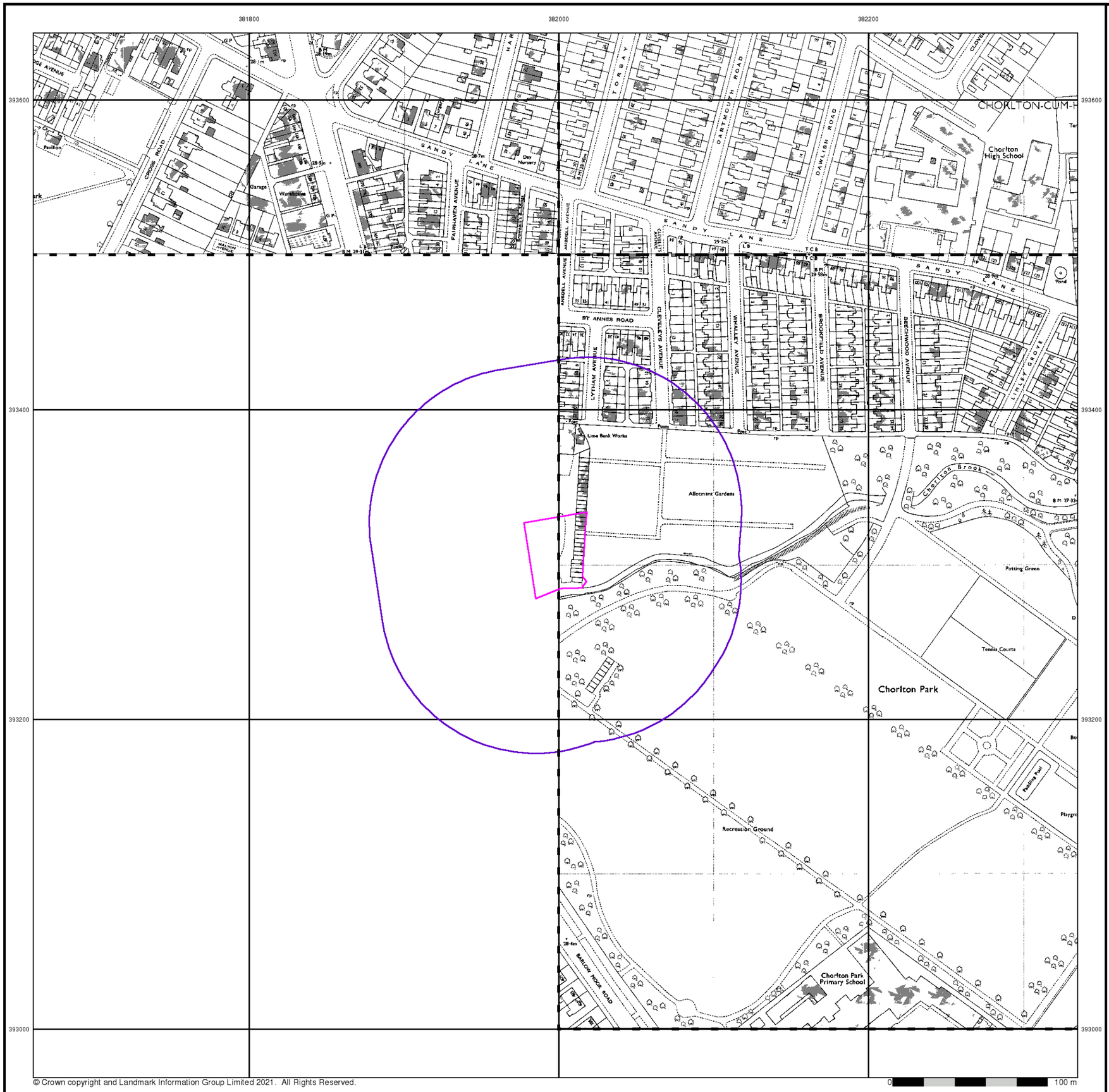
Order Details

Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
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Slice:	A
Site Area (Ha):	0.17
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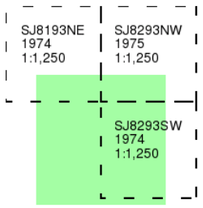
Ordnance Survey Plan

Published 1974 - 1975

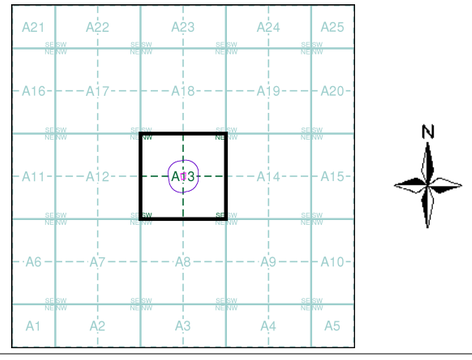
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



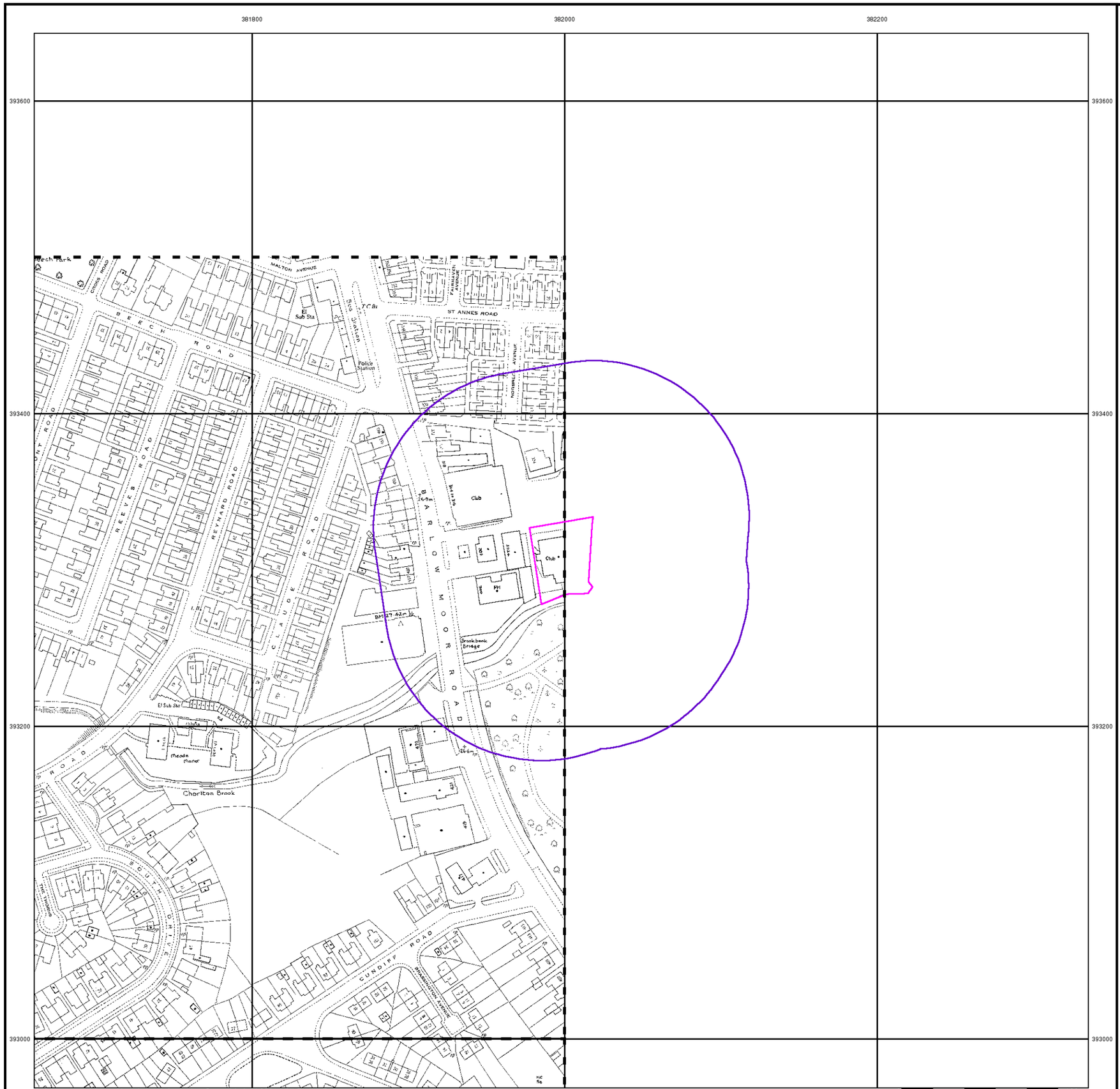
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Site Area (Ha):	0.17
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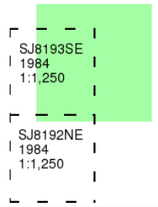
Additional SIMs

Published 1984

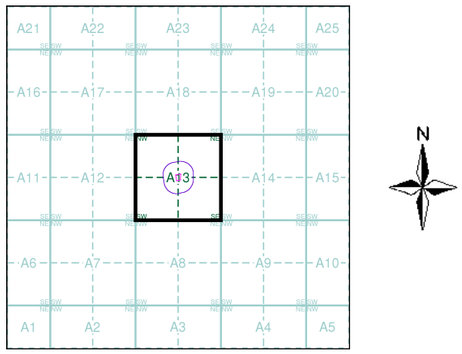
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13

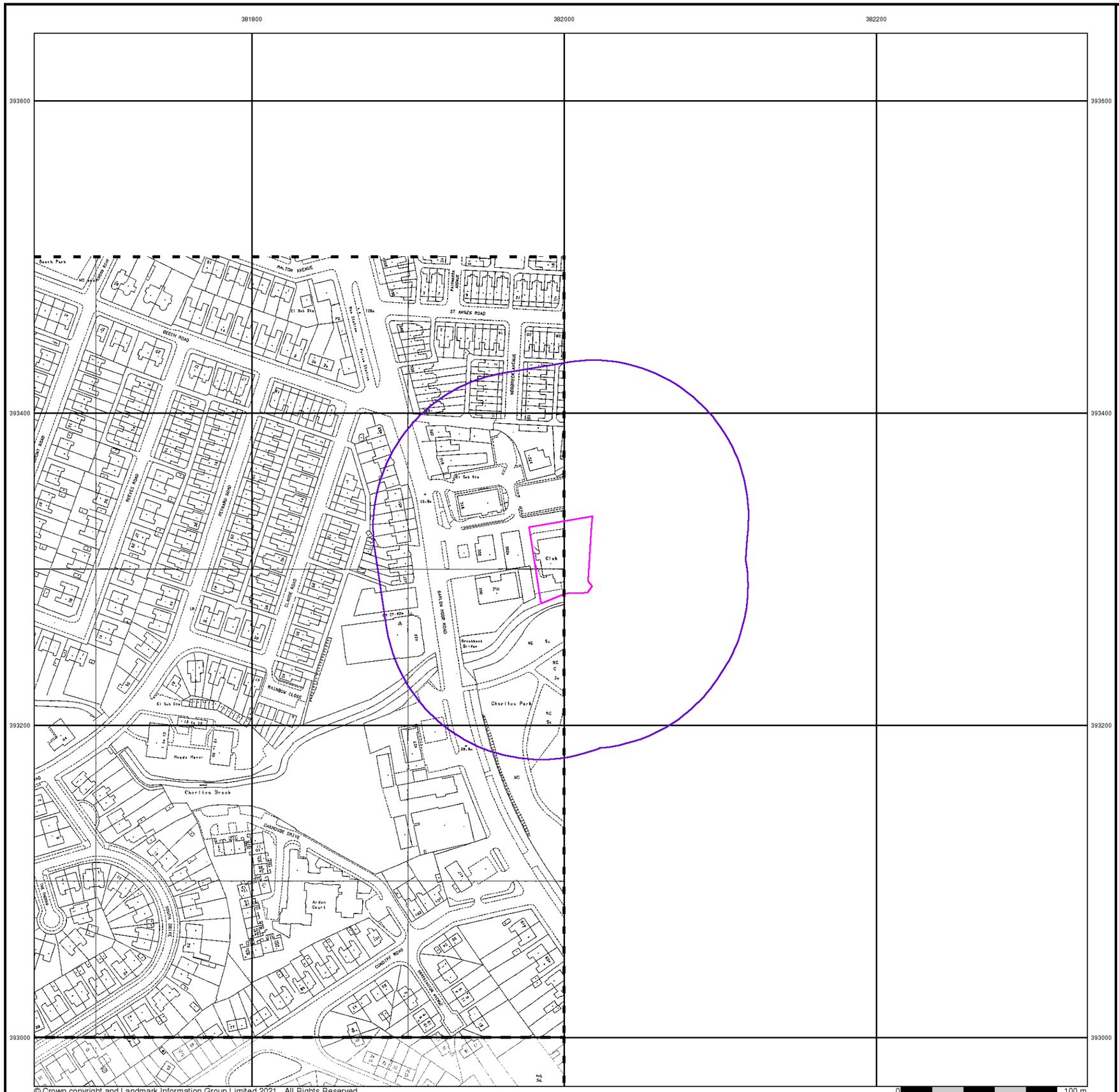


Order Details

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National Grid Reference:	382000, 393310
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Site Area (Ha):	0.17
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Site Details

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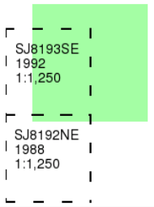
Additional SIMs

Published 1988 - 1992

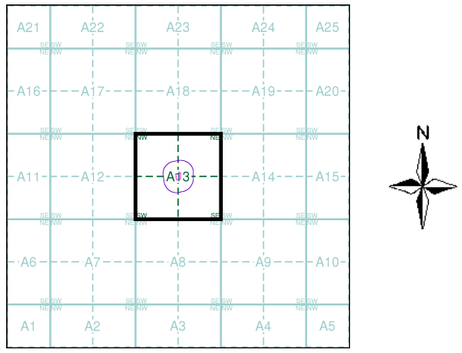
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13

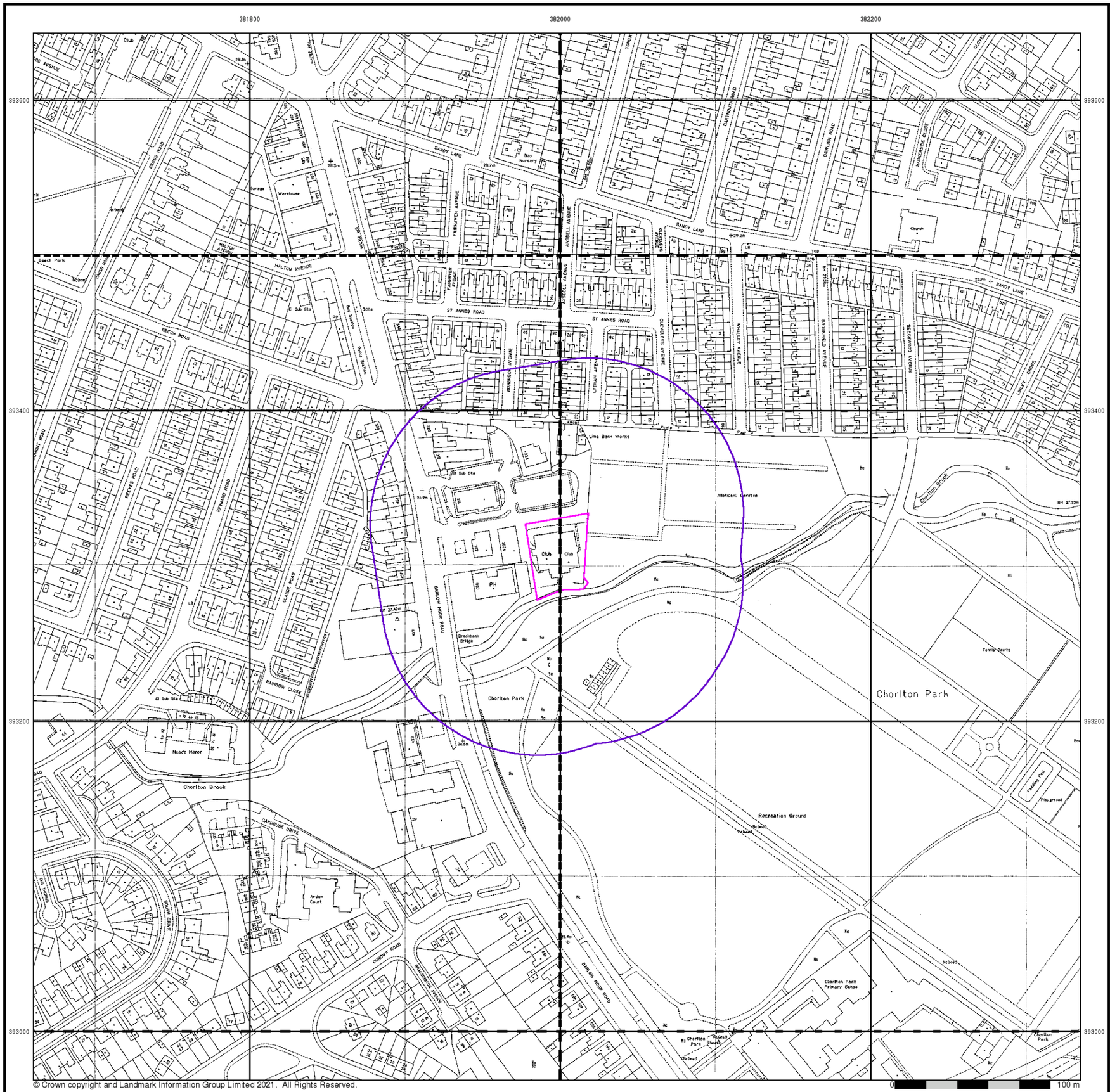


Order Details

Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	100

Site Details

302b Barlow Moor Road, Chorlton, Manchester, M21 8AY



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LK GROUP

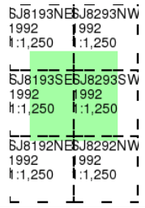
Large-Scale National Grid Data

Published 1992

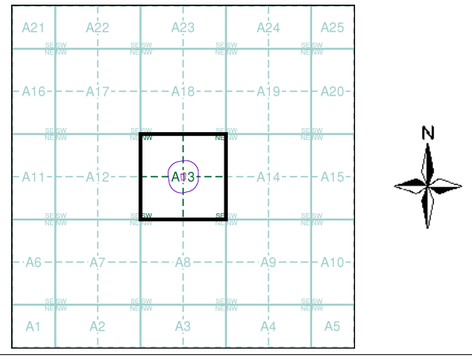
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



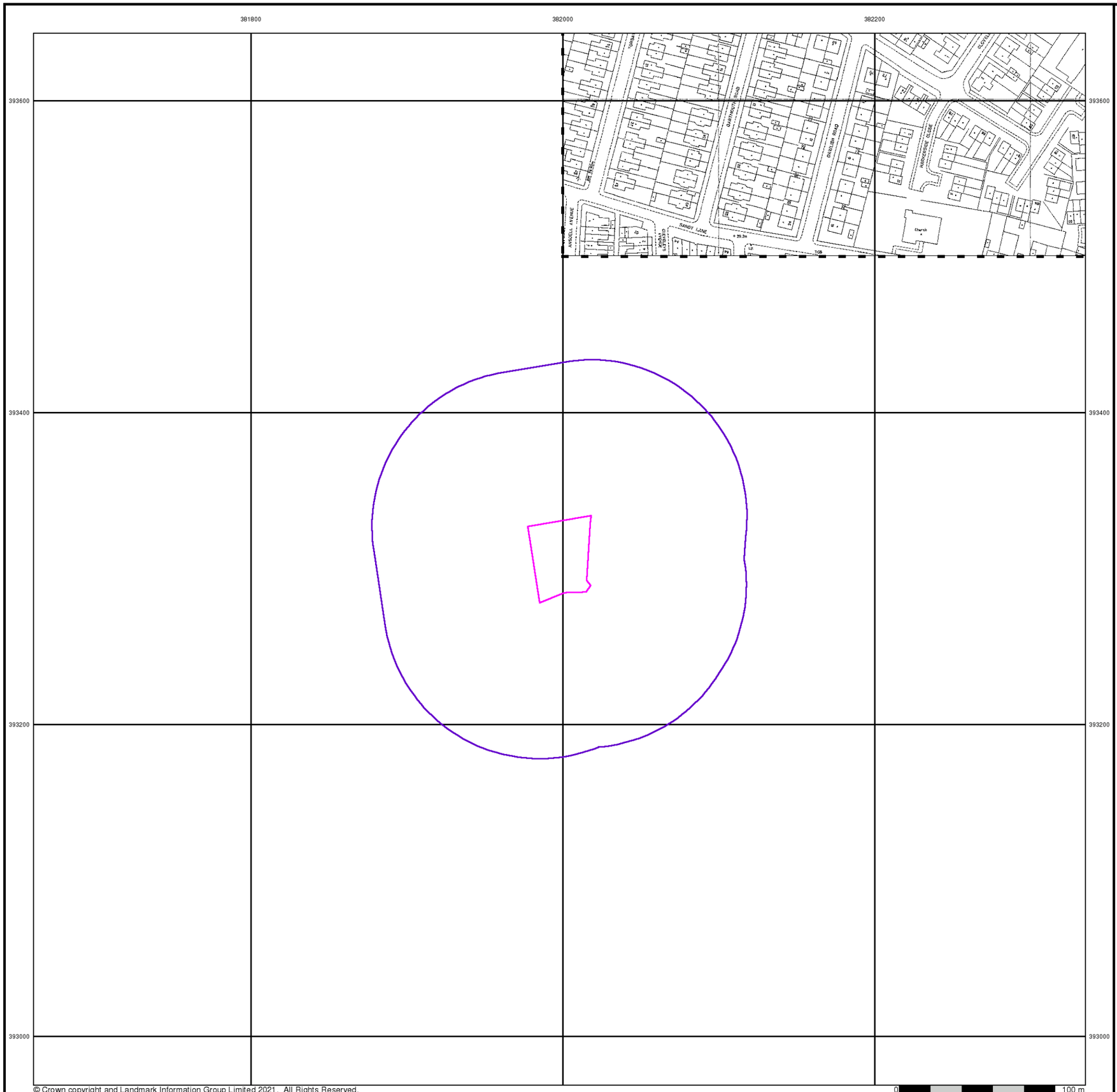
Order Details

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Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	100

Site Details

302b Barlow Moor Road, Chorlton, Manchester, M21 8AY

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



LK GROUP

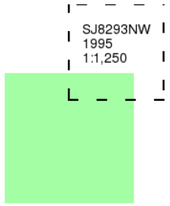
Large-Scale National Grid Data

Published 1995

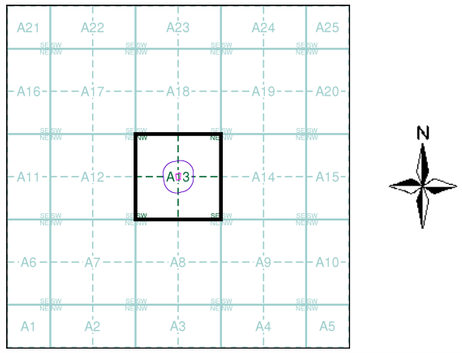
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



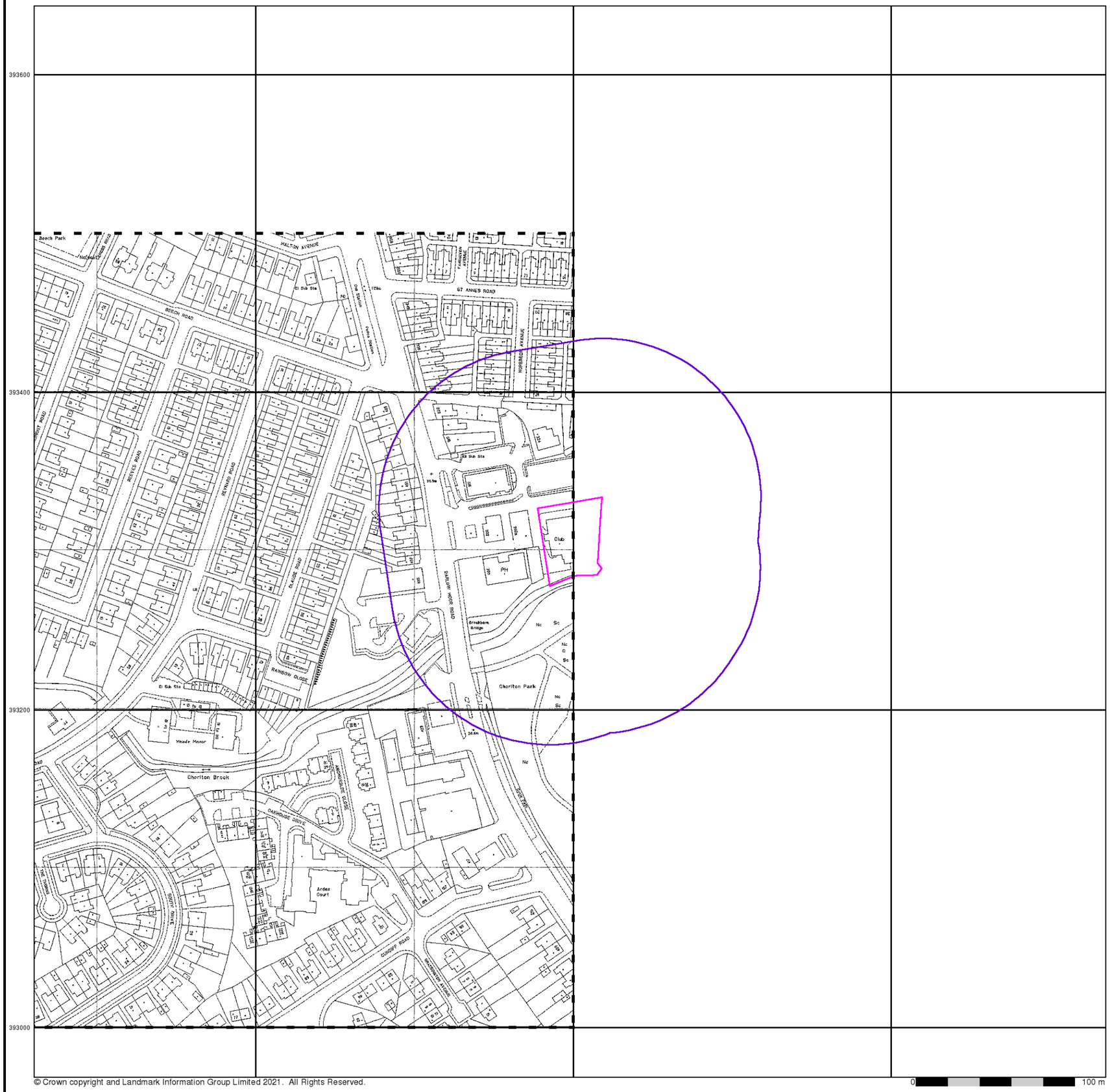
Order Details

Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	100

Site Details

302b Barlow Moor Road, Chorlton, Manchester, M21 8AY

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



LKC GROUP

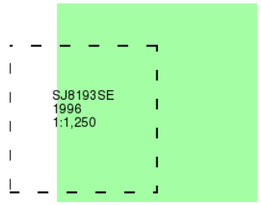
Large-Scale National Grid Data

Published 1996

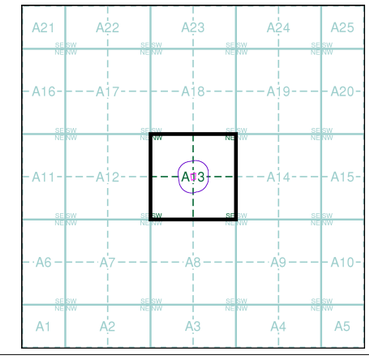
Source map scale - 1:1,250

'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:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	100

Site Details

302b Barlow Moor Road, Chorlton, Manchester, M21 8AY

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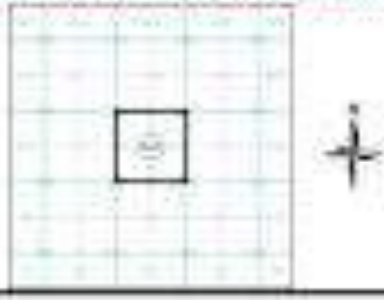
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



LK GROUP

Historical Aerial Photography

Published 2000



Order Details

Site Details

Landmark

Appendix B

Envirocheck Report

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
288758637_1_1

Customer Reference:
LKC 21 1785

National Grid Reference:
382000, 393310

Slice:
A

Site Area (Ha):
0.17

Search Buffer (m):
1000

Site Details:

302b Barlow Moor Road
Chorlton
Manchester
M21 8AY

Client Details:

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

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	15
Hazardous Substances	-
Geological	18
Industrial Land Use	20
Sensitive Land Use	39
Data Currency	40
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

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	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		2	4	3
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 3		2		5
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4	Yes			
Pollution Incidents to Controlled Waters	pg 4		1	2	9
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 6		1		
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 7				(*6)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 8	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 9	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 9	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 9	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 9	Yes		n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences	pg 9	Yes	Yes	n/a	n/a
OS Water Network Lines	pg 9		3		35

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 15				2
Historical Landfill Sites	pg 15				3
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 15	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 15				1
Potentially Infilled Land (Water)	pg 15		1	6	25
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 17				1
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					

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 18	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 18	Yes	Yes		
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
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 18	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 18		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 18	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 18	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 18	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 20		24	28	73
Fuel Station Entries	pg 30		3		2
Points of Interest - Commercial Services	pg 31		15	9	20
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 34		2		2
Points of Interest - Public Infrastructure	pg 35		12		17
Points of Interest - Recreational and Environmental	pg 37			7	7
Gas Pipelines					
Underground Electrical Cables					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 39				1
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 39				1
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: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	0	1	381999 393300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (W)	0	1	381999 393308
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	32	1	382050 393308
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	121	1	382050 393450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	156	1	381850 393200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	295	1	381750 393100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	352	1	382350 393450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	383	1	382400 393350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	463	1	382300 393700
1	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Beech Road/Claude Raod Cso 1a Beech Road, Chorlton-Cum-Hardy, Manchester, Greater Manchester, M21 8bx Authority: Environment Agency, North West Region Catchment Area: River Mersey (Etherow) Reference: 016993509 Permit Version: 2 Effective Date: 5th March 2020 Issued Date: 5th March 2020 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Chorlton Brook **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	70	2	381926 393242
1	**Discharge Consents** Operator: United Utilities Water Plc (?) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Beech Road/Claude Raod Cso 1a Beech Road, Chorlton-Cum-Hardy, Manchester, Greater Manchester, M21 8bx Authority: Environment Agency, North West Region Catchment Area: River Mersey (Etherow) Reference: 016993509 Permit Version: 1 Effective Date: 21st May 2004 Issued Date: 21st May 2004 Revocation Date: 4th March 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Chorlton Brook **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	76	2	381920 393240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: St Werburghs Rd Cso Site 282t5 138 Sandy Lane, Chorlton-Cum-Hardy, Manchester, Greater Manchester, M21 8tz Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0232 Permit Version: 4 Effective Date: 20th February 2020 Issued Date: 20th February 2020 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Chorlton Brook **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13NE (E)	316	2	382334 393340
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: St Werburghs Rd Cso Site 282t5 138 Sandy Lane, Chorlton-Cum-Hardy, Manchester, Greater Manchester, M21 8tz Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0232 Permit Version: 3 Effective Date: 28th February 2019 Issued Date: 28th February 2019 Revocation Date: 19th February 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Chorlton Brook **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13NE (E)	317	2	382335 393340
3	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: St Werburghs Rd Cso Site 282t5 138 Sandy Lane, Chorlton-Cum-Hardy, Manchester, Greater Manchester, M21 8tz Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0232 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 27th February 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Chorlton Brook **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A14NW (E)	322	2	382340 393340
3	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: St Werburghs Rd Cso Site 282t5 138 Sandy Lane, Chorlton-Cum-Hardy, Manchester, Greater Manchester, M21 8tz Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0232 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Chorlton Brook **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A14NW (E)	322	2	382340 393340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Discharge Consents** Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Bellwood Road/Willaston Close, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0327 Permit Version: 2 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Not Supplied **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A12SE (W)	549	2	381430 393290
4	**Discharge Consents** Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Bellwood Road/Willaston Close, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0327 Permit Version: 1 Effective Date: 1st July 1991 Issued Date: Not Supplied Revocation Date: 31st December 1994 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge Environment: Not Supplied Receiving Water: Not Supplied **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 10m	A12SE (W)	549	2	381430 393290
4	**Discharge Consents** Operator: United Utilities Water Limited Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Willaston Close Ps, Off Bellwood Road, Chorlton, Cheshire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991093 Permit Version: 1 Effective Date: 1st July 1991 Issued Date: Not Supplied Revocation Date: 1st July 1991 Discharge Type: Storm /emergency overflow Discharge Environment: Freshwater Stream/River Receiving Water: Chorlton Brook **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A12SE (W)	559	2	381420 393300
5	**Local Authority Pollution Prevention and Controls** Name: Barlow Moor Service StationTexaco Location: 302 Barlow Moor Road, Chorlton, MANCHESTER, Lancashire, M21 8AY Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/008/06 Dated: 8th December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	A13NW (W)	45	3	381935 393313
6	**Local Authority Pollution Prevention and Controls** Name: Chorlton Motoring CentreShell Location: 423 Barlow Moor Road, Chorlton, MANCHESTER, Lancashire, M21 2ER Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/012/06 Dated: 1st December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status: Authorised** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	128	3	381902 393181

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Local Authority Pollution Prevention and Controls** Name: Orchard Service StationShell Location: 418a Wilbraham Road, Chorlton cum Hardy, MANCHESTER, Lancashire, M21 1SA Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/001/06 Dated: 23rd December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	A18NW (N)	688	3	381977 394020
8	**Local Authority Pollution Prevention and Controls** Name: The Manchester Crematorium Ltd Location: Barlow Moor Road, MANCHESTER, Lancashire, M21 7GZ Authority: Manchester City Council, Environmental Health Department Permit Reference: PCC/B/11/05/AW Dated: 11th December 1991 Process Type: Local Authority Air Pollution Control Description: PG5/2 Crematoria **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	704	3	382424 392713
9	**Local Authority Pollution Prevention and Controls** Name: Johnsons Cleaners Uk Ltd - Chorlton Location: 1a Chorlton Place, Chorlton, Manchester Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/DC/RM/23/06 Dated: 17th April 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning **Status: Permitted** Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	796	3	381597 394026
10	**Local Authority Pollution Prevention and Controls** Name: Village Dry Cleaners Location: 38 Manchester Road, Chorlton, Manchester Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/DC/RM/09/07 Dated: 1st February 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning **Status: Permitted** Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	942	3	381625 394200
10	**Local Authority Pollution Prevention and Controls** Name: Village Dry Cleaners Location: 38 Manchester Road, Chorlton, Manchester Authority: Manchester City Council, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning **Status: Permitted** Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	942	3	381626 394200
	Nearest Surface Water Feature	A13SE (S)	0	-	382002 393285
11	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Chorlton Brook; No Pollution Found Incident Date: 15th March 1994 Incident Reference: 94640482 Catchment Area: Mersey - Non-Tidal 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 (SW)	116	2	381900 393200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Rubble/Litter Or Solids Note: Chorlton Brook Incident Date: 25th February 1993 Incident Reference: 93640342 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (W)	279	2	381700 393300
13	**Pollution Incidents to Controlled Waters** Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Chorlton Brook Incident Date: 23rd January 1995 Incident Reference: 95640103 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: High Flow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (E)	388	2	382400 393400
14	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Chorlton Brook Incident Date: 1st December 1994 Incident Reference: 94642627 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Leaking Underground Pipe Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	679	2	381300 393300
15	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Up Stream Hough End Centre Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Chorlton Brook; Diesel Oil Incident Date: 23rd March 1997 Incident Reference: 97640486 Catchment Area: Mersey - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	685	2	382700 393395
15	**Pollution Incidents to Controlled Waters** Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Chorlton Brook Incident Date: 5th May 1995 Incident Reference: 95641038 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	686	2	382700 393400
15	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Chorlton Brook Discoloured At, Chorlton Park Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Not Supplied Incident Date: 24th July 1998 Incident Reference: SO981500 Catchment Area: Mersey - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: In River Works Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	690	2	382705 393395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	**Pollution Incidents to Controlled Waters** Property Type: Connection To Surface Drains Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Mersey Tributary; Sewage Incident Date: 15th June 1996 Incident Reference: 96641416 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	695	2	381600 392700
17	**Pollution Incidents to Controlled Waters** Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Cringle Brook; Sewage Litter Incident Date: 27th August 1996 Incident Reference: 96641913 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: CSO Normal Operation Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	783	2	382800 393300
18	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Chorlton Brook Incident Date: 11th March 1995 Incident Reference: 95640499 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	805	2	381200 393100
19	**Pollution Incidents to Controlled Waters** Property Type: Domestic/Residential Location: Hardy Lane, CHORLTON Authority: Environment Agency, North West Region Pollutant: Sewage - Wrong Connection Note: Mersey; Sewage Incident Date: 15th February 1997 Incident Reference: 97510216 Catchment Area: Mersey - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	896	2	381400 392600
20	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Storm Overflow Location: Sewage Discharging To , Chorlton Brook Authority: Environment Agency, North West Region Pollutant: Storm Sewage Note: Not Supplied Incident Date: 4th August 1998 Incident Reference: SO981501 Catchment Area: Mersey - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: High Flow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	898	2	382900 393500
	River Quality Name: Chorlton Bk GQA Grade: River Quality B Reach: Cringle Bk To Mersey Estimated Distance (km): 4.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A13SE (S)	106	2	382042 393183

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Chorlton Cum Hardy Golf Co Ltd Licence Number: 2569015015 Permit Version: 101 Location: Borehole At Chorlton-Cum-Hardy Golf Club Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Chorlton-Cum-Hardy Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1204	2	382230 392100
	Water Abstractions Operator: The Secretary Licence Number: 2569015015 Permit Version: 100 Location: Borehole At Chorlton-Cum-Hardy Golf Club Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 70 Yearly Rate (m3): 8500 Details: Land At Chorlton-Cum-Hardy Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 4th September 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1204	2	382230 392100
	Water Abstractions Operator: Mr C Hulme Licence Number: 2569015013 Permit Version: 103 Location: A Borehole At Sale Golf Club, Cheshire Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Sale Golf Club, Sale Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 12th August 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NE (SW)	1728	2	380750 392070
	Water Abstractions Operator: John Hilton Licence Number: 2569015013 Permit Version: 102 Location: A Borehole At Sale Golf Club, Cheshire Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Sale Golf Club, Sale Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 15th February 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NE (SW)	1728	2	380750 392070

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: The Secretary Of Sale Golf Club Licence Number: 2569015013 Permit Version: 101 Location: A Borehole At Sale Golf Club, Cheshire Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 60 Yearly Rate (m3): 10000 Details: Land At Sale Golf Club, Sale Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 8th December 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NE (SW)	1728	2	380750 392070
	Water Abstractions Operator: S & D Astbury Licence Number: 2569015002 Permit Version: 100 Location: Well At Premises, 5 Rutland Lane, Sale, Chesh Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1 Yearly Rate (m3): 255 Details: Nursery At Rutland Lane, Sale, Chesh Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1SW (SW)	1954	2	380600 391900
	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: >10m Superficial Recharge: High	A13NE (S)	0	4	381999 393307
	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: >10m Superficial Recharge: High	A13NE (SE)	0	4	382000 393307

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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: >10m Superficial Recharge: High	A13NE (W)	0	4	381999 393308
	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: >10m Superficial Recharge: High	A13NE (E)	0	4	382000 393308
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NE (W)	0	4	381999 393308
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (S)	0	4	381999 393307
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (W)	0	4	381999 393308
	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	A13SE (SE)	0	2	382005 393300
	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	A13SE (E)	0	2	382013 393303
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SE (S)	0	2	382001 393286
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SE (S)	5	2	382005 393279
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1536.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Chorlton Brook Catchment Name: Mersey Primacy: 1	A13SE (S)	2	5	382002 393282

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Chorlton Brook Catchment Name: Mersey Primacy: 1	A13NE (E)	192	5	382210 393342
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 518.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Chorlton Brook Catchment Name: Mersey Primacy: 1	A13NE (E)	211	5	382228 393342
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 452.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Chorlton Brook Catchment Name: Mersey Primacy: 1	A14NE (E)	674	5	382687 393416
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 40.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	781	5	381797 392521
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 55.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	781	5	381801 392520
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 43.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	798	5	381758 392513
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	798	5	381845 392493
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 43.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	798	5	381845 392493
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	826	5	381718 392497

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	827	5	381872 392460
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	827	5	381872 392460
33	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 45.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	829	5	381870 392458
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	856	5	381140 393143
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	857	5	381140 393142
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	860	5	381155 393053
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 77.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	863	5	381153 393051
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 170.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	870	5	381914 392411
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 113.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	870	5	381914 392411

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	871	5	381125 393144
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 53.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	874	5	381694 392454
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 73.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (SW)	877	5	381477 392563
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	880	5	381120 393118
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 42.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	886	5	381117 393105
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	886	5	381117 393105
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 132.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	904	5	381107 393064
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (SW)	911	5	381405 392576
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 146.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (SW)	914	5	381399 392577

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (SW)	914	5	381399 392577
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 233.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (SW)	920	5	381401 392568
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 70.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	928	5	381680 392402
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 40.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	958	5	381975 392320
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 74.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	992	5	381005 393131
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 175.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SW (SW)	992	5	381259 392603
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SW (SW)	994	5	381262 392596
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A3NW (S)	997	5	381962 392282
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (SW)	998	5	381496 392409

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (S)	999	5	381659 392334

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	**BGS Recorded Landfill Sites** Site Name: Hardy Farm Tip Location: Chorlton-cum-hardy, MANCHESTER, Gt Manchester Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Derived	A7NE (SW)	606	-	381509 392904
60	**BGS Recorded Landfill Sites** Site Name: Ivy Green Tip Location: Chorlton-cum-hardy, MANCHESTER, Gt Manchester Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A12NW (W)	674	-	381305 393348
61	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Manchester Name: Hardy Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16718 First Input Date: 31st December 1967 Last Input Date: 1st February 1974 Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste, and Liquid Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9714 BGS Ref: 581 Other Ref: F012	A7NE (SW)	604	2	381511 392903
62	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Manchester Name: Nell Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16721 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F042	A9NW (SE)	619	2	382535 392951
63	**Historical Landfill Sites** Licence Holder: Manchester City Council Location: Ivy Green Road, Stretford, Manchester Name: Ivy Green Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16686 First Input Date: 8th January 1963 Last Input Date: 31st December 1970 Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste, and Liquid Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9699 BGS Ref: 582 Other Ref: F013	A12NW (W)	677	2	381301 393345
	Local Authority Landfill Coverage Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency		0	6	381999 393308
64	**Potentially Infilled Land (Non-Water)** Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A17NE (NW)	909	-	381572 394140
65	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	210	-	381791 393199

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A13SW (SW)	270	-	381748 393150
67	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SE (SE)	302	-	382258 393107
68	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SE (SE)	325	-	382297 393124
69	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (E)	326	-	382344 393338
70	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SE (NE)	349	-	382178 393644
71	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (SE)	399	-	382343 393059
72	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A14SW (E)	510	-	382513 393171
73	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A12SE (W)	611	-	381370 393266
74	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A18SE (N)	615	-	382163 393931
75	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NW (W)	659	-	381321 393368
76	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	682	-	382697 393395
77	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7NE (SW)	694	-	381386 392929
78	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SW (W)	708	-	381275 393245
79	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	745	-	382759 393414
80	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7NE (SW)	751	-	381542 392672
81	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A12NW (W)	777	-	381203 393376
82	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	780	-	381359 393801
83	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SW (W)	792	-	381239 393013
84	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	820	-	382817 393520
85	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SW (W)	840	-	381198 392984
86	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7NE (SW)	846	-	381417 392651

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SW (NW)	876	-	381260 393828
88	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12NW (W)	876	-	381102 393354
89	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	881	-	382611 393985
90	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12NW (W)	902	-	381076 393348
91	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A19SE (NE)	908	-	382692 393942
92	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A19SE (NE)	943	-	382804 393855
93	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SW (W)	958	-	381050 393075
94	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17NE (NW)	962	-	381411 394103
95	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A8SE (S)	975	-	382036 392305
96	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	1000	-	381808 394312
97	**Registered Waste Transfer Sites** Licence Holder: Greater Manchester Waste Ltd Licence Reference: 00884 Site Location: Nell Lane C.A.Site, Chorlton Cum Hardy, Manchester, Greater Manchester Operator Location: PO Box 151, Higher Swan Lane, BOLTON, Lancashire, BL3 3WW Authority: Environment Agency - North West Region, South Area Site Category: Civic Amenity Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Licence has completion certificateSurrendered Dated: 1st February 1995 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Asbestos Gmwda Group 1 - Non/V.Slow Decomp.Wast Gmwda Group 2 - Slow Decomp./Slight So Gmwda Group 3 - Decomp./Sol.Waste = No Gmwda Group 5 - Chemical/Toxic Waste Max.Waste Permitted By Licence Prohibited Waste: Acid Tars Clinical - Grp A As In Hse '92 Distillation Residues Dyestuffs Waste Foundry Sand Incinerator Residues Industrial Effluent Treatment Sludge Interceptor Pit Wastes Laboratory Chemicals Pharmaceuticals Polymeric Material, Products/Scrap Printing Industry Wastes/Ink Prod'Ts Of Incomplete Polymerisation Sewage Tank Cleaning Sludge Used Filter Mat'Ls/Cake/Screenings	A9NW (SE)	701	2	382600 392900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13NE (W)	0	1	381999 393308
	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 (W)	0	1	381999 393308
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (S)	14	1	382008 393269
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	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 (W)	0	1	381999 393308
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	14	1	382008 393269
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	381999 393308
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	14	1	382008 393269
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	381999 393308
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	381999 393308
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	381999 393308
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	14	1	382008 393269
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (S)	0	1	381999 393307
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	381999 393308

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	381999 393308
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	381999 393308

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	**Contemporary Trade Directory Entries** Name: Jeffrey Douglass Location: 302a, Barlow Moor Road, Manchester, M21 8AY Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (W)	11	-	381970 393309
98	**Contemporary Trade Directory Entries** Name: Aleef Garages Location: 302b, Barlow Moor Road, Manchester, Lancashire, M21 8AY Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13NW (W)	11	-	381970 393309
98	**Contemporary Trade Directory Entries** Name: Dsc Location: 302, Barlow Moor Road, Manchester, M21 8AY Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (W)	28	-	381952 393309
98	**Contemporary Trade Directory Entries** Name: Chorlton Service Centre Location: 302, Barlow Moor Road, Manchester, M21 8AY Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (W)	28	-	381952 393309
98	**Contemporary Trade Directory Entries** Name: Barlow Moor Service Station Location: 302, Barlow Moor Road, Manchester, M21 8AY Classification: Petrol Filling Stations - 24 Hour **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13NW (W)	45	-	381935 393313
98	**Contemporary Trade Directory Entries** Name: Samson Domestics Location: 437, Barlow Moor Road, Manchester, M21 8AU Classification: Refrigerators & Freezers - Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (W)	87	-	381895 393292
99	**Contemporary Trade Directory Entries** Name: Baskerville Reactors & Autoclaves Ltd Location: 324c, Barlow Moor Road, Manchester, M21 8AX Classification: Engineers - General **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (N)	46	-	381978 393373
100	**Contemporary Trade Directory Entries** Name: Furniture Exchange Ltd Location: 318, Barlow Moor Road, Manchester, M21 8AY Classification: Office Furniture & Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	66	-	381927 393370
101	**Contemporary Trade Directory Entries** Name: Kazmobile@Charlton.Car Location: 320, Barlow Moor Road, Manchester, M21 8AY Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	77	-	381921 393379
101	**Contemporary Trade Directory Entries** Name: Kazmbile Location: 320, Barlow Moor Road, Manchester, M21 8AY Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	77	-	381921 393379
101	**Contemporary Trade Directory Entries** Name: Hallmark Services Location: 463, Barlow Moor Road, Manchester, M21 8AU Classification: Car Dealers - Used **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	111	-	381882 393382
101	**Contemporary Trade Directory Entries** Name: Autoshield Maserati Location: 465, Barlow Moor Road, Manchester, M21 8AU Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	114	-	381881 393387

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	**Contemporary Trade Directory Entries** Name: Autoshield Maserati Location: 465, Barlow Moor Road, Manchester, M21 8AU Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	115	-	381880 393387
102	**Contemporary Trade Directory Entries** Name: Chorlton Motoring Centre Location: 423, Barlow Moor Road, Manchester, M21 8ER Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	127	-	381903 393181
102	**Contemporary Trade Directory Entries** Name: Shell Chorlton Motoring Centre Location: 423, Barlow Moor Road, Manchester, M21 8ER Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	128	-	381903 393181
102	**Contemporary Trade Directory Entries** Name: Shell Location: 423, Barlow Moor Road, Manchester, M21 8ER Classification: Petrol Filling Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	128	-	381902 393181
103	**Contemporary Trade Directory Entries** Name: International Body Styling Location: 419-421, Barlow Moor Road, Manchester, M21 8ER Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	156	-	381923 393136
103	**Contemporary Trade Directory Entries** Name: Albany Graphics Location: 419-421, Barlow Moor Road, Manchester, Lancashire, M21 8ER Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	156	-	381923 393136
103	**Contemporary Trade Directory Entries** Name: Rapaport & Tonge Ltd Location: 419-421, Barlow Moor Road, Manchester, M21 8ER Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	156	-	381923 393136
103	**Contemporary Trade Directory Entries** Name: Harrison Rose Group Location: 421 Barlow Moor Rd, Manchester, M21 8ER Classification: Cleaning Materials & Equipment **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	156	-	381923 393135
103	**Contemporary Trade Directory Entries** Name: Just Rubbers Location: 419-421, Barlow Moor Road, MANCHESTER, M21 8ER Classification: Tyre Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	156	-	381923 393136
104	**Contemporary Trade Directory Entries** Name: Chorlton Fireworks Location: 350, Barlow Moor Road, Manchester, M21 8AZ Classification: Firework Stockists **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	172	-	381893 393476
104	**Contemporary Trade Directory Entries** Name: City Laundry & Dry Cleaners Location: 366, Barlow Moor Road, Manchester, Lancashire, M21 8AZ Classification: Laundries & Launderettes **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	211	-	381890 393519
105	**Contemporary Trade Directory Entries** Name: Norden Uk Location: 8, Reynard Road, MANCHESTER, M21 8DD Classification: Packaging & Wrapping Equipment & Supplies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (W)	205	-	381782 393387

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	**Contemporary Trade Directory Entries** Name: Palatine Garage Location: 483 Barlow Moor Road, Manchester, Greater Manchester, M21 8AG Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	263	-	381837 393549
106	**Contemporary Trade Directory Entries** Name: Motortech Chorlton Ltd Location: 483, Barlow Moor Road, Manchester, M21 8AG Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	264	-	381837 393550
106	**Contemporary Trade Directory Entries** Name: Motor Tech Chorlton Ltd Location: 483, Barlow Moor Road, Manchester, M21 8AG Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	264	-	381837 393550
106	**Contemporary Trade Directory Entries** Name: Spraycraft Ltd Location: Rear Of, 483, Barlow Moor Road, Manchester, Lancashire, M21 8AG Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	277	-	381797 393536
107	**Contemporary Trade Directory Entries** Name: E C U Tech Tune Location: Dartmouth Road, Manchester, Greater Manchester, M21 8XL Classification: Car Engine Tuning & Diagnostic Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (N)	277	-	382109 393595
108	**Contemporary Trade Directory Entries** Name: Sandybank Garage Location: 1, Sandy Lane, Manchester, M21 8TL Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (N)	280	-	381898 393595
109	**Contemporary Trade Directory Entries** Name: Profresh Location: 3, Harkerside Close, Manchester, M21 8XQ Classification: Carpet, Curtain & Upholstery Cleaners **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	325	-	382247 393563
110	**Contemporary Trade Directory Entries** Name: British Gas Connections Location: Trafalgar House, 5-7, High Lane, Manchester, M21 9DJ Classification: Gas Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	334	-	381794 393605
111	**Contemporary Trade Directory Entries** Name: Peter Bennett Domestic Appliance Repairs Location: 4, South Drive, Manchester, M21 8DX Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	350	-	381662 393144
111	**Contemporary Trade Directory Entries** Name: Bonfiglioli Ltd Location: 68, Claude Road, Manchester, Lancashire, M21 8DF Classification: Crane Hire, Sales & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (W)	366	-	381633 393177
112	**Contemporary Trade Directory Entries** Name: Westroen Location: 7, Nell Lane, Manchester, M21 8UE Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (E)	377	-	382387 393410
113	**Contemporary Trade Directory Entries** Name: R S Automotive Engineering Location: Park Brow Garage, St. Werburghs Road, Manchester, M21 8UQ Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	409	-	382359 393559

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	**Contemporary Trade Directory Entries** Name: Shadoos Location: Mauldeth Rd West, Chorlton cum Hardy, Manchester, Lancashire, M21 7SA Classification: Electrical Goods Sales, Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A8NE (SE)	418	-	382236 392931
115	**Contemporary Trade Directory Entries** Name: Eliot'S Location: 651, Mauldeth Road West, Chorlton cum Hardy, Manchester, M21 7SA Classification: Vacuum Cleaners - Sales & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (SE)	435	-	382179 392883
115	**Contemporary Trade Directory Entries** Name: D M C Business Machines Plc Location: 296-298, Barlow Moor Road, Manchester, Lancashire, M21 8HA Classification: Photocopiers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (SE)	439	-	382179 392878
115	**Contemporary Trade Directory Entries** Name: D M C Business Machines Plc Location: 296-298, Barlow Moor Road, Manchester, M21 8HA Classification: Photocopiers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (SE)	439	-	382179 392878
115	**Contemporary Trade Directory Entries** Name: D M C Business Machines Location: 296-298, Barlow Moor Road, Manchester, M21 8HA Classification: Photocopiers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (SE)	439	-	382179 392878
115	**Contemporary Trade Directory Entries** Name: Presson Ironing Laundry Services Location: 294, Barlow Moor Road, Manchester, M21 8HA Classification: Ironing & Home Laundry Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NE (SE)	450	-	382193 392873
115	**Contemporary Trade Directory Entries** Name: Minuteman Press Location: 345, Barlow Moor Road, Manchester, Lancashire, M21 7QH Classification: Printers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A8NE (S)	467	-	382153 392840
115	**Contemporary Trade Directory Entries** Name: Minuteman Manchester Location: 345, Barlow Moor Road, Manchester, M21 7QH Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (S)	467	-	382153 392840
115	**Contemporary Trade Directory Entries** Name: Minuteman Press Manchester Location: 345, Barlow Moor Road, Manchester, M21 7QH Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (S)	467	-	382153 392840
116	**Contemporary Trade Directory Entries** Name: Engcon Ltd Location: 107, Caddington Road, Manchester, M21 8UD Classification: Electronic Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	446	-	382423 393522
117	**Contemporary Trade Directory Entries** Name: Best Engineering Services Location: 84, Claude Road, MANCHESTER, M21 8DF Classification: Flow Measurement Systems - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	450	-	381543 393196
118	**Contemporary Trade Directory Entries** Name: Joe Soap Service Centre Location: 32, Beech Road, Manchester, M21 9EL Classification: Laundries & Launderettes **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	459	-	381571 393539

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	**Contemporary Trade Directory Entries** Name: P M Services Ltd Location: 14, Zetland Road, Manchester, M21 8TH Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	471	-	381910 393793
120	**Contemporary Trade Directory Entries** Name: Crown House Technology Location: 550, Mauldeth Road West, Chorlton cum Hardy, Manchester, M21 7RX Classification: Mechanical Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	493	-	382507 393227
120	**Contemporary Trade Directory Entries** Name: Pall Mall Support Services Location: 550, Mauldeth Road West, Chorlton-cum-Hardy, Manchester, Lancashire, M21 7TJ Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A14SW (E)	493	-	382507 393227
121	**Contemporary Trade Directory Entries** Name: Polyplast Location: 63 Crossland Rd, Manchester, Lancashire, M21 9DU Classification: Packaging & Wrapping Equipment & Supplies **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A12NE (W)	494	-	381508 393480
122	**Contemporary Trade Directory Entries** Name: G T Blagg Location: 276, Barlow Moor Road, Manchester, M21 8HA Classification: Hardware **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (SE)	502	-	382231 392833
123	**Contemporary Trade Directory Entries** Name: Kino A V Location: 388, Barlow Moor Road, Manchester, M21 8BH Classification: Cinema Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	552	-	381793 393847
123	**Contemporary Trade Directory Entries** Name: K & C Cleaning Location: 398a, Barlow Moor Road, Manchester, M21 8AD Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	587	-	381775 393878
124	**Contemporary Trade Directory Entries** Name: Express Dairies Location: Brook Farm, Brookburn Road, Manchester, M21 8FF Classification: Dairies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (W)	577	-	381404 393271
125	**Contemporary Trade Directory Entries** Name: Just Perfect Location: 4, Chatfield Road, Manchester, M21 8UR Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	577	-	381965 393908
126	**Contemporary Trade Directory Entries** Name: The Good Bag Co Location: Unit 1, 62, Beech Road, Manchester, M21 9EG Classification: Bags, Belts & Accessories - Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	579	-	381459 393584
126	**Contemporary Trade Directory Entries** Name: G A P Systems Location: 62, Beech Road, Manchester, M21 9EG Classification: Vacuum Cleaners - Sales & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	591	-	381462 393615

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	**Contemporary Trade Directory Entries** Name: Splash Graphix Location: 27, Stockton Road, Manchester, M21 9FB Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	614	-	381440 393623
127	**Contemporary Trade Directory Entries** Name: Just Perfect Location: 1, Chatfield Road, Manchester, M21 8UR Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	593	-	381915 393917
127	**Contemporary Trade Directory Entries** Name: William Seabrook Location: 11, Corkland Road, Manchester, Lancashire, M21 8UP Classification: Printers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18SW (N)	622	-	381899 393944
128	**Contemporary Trade Directory Entries** Name: Eddie'S Repair Service Location: 59, St. Werburghs Road, Manchester, M21 0UN Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	616	-	382372 393838
129	**Contemporary Trade Directory Entries** Name: Scp Properties Location: 20, Redland Crescent, Manchester, M21 8DL Classification: Damp Course Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	627	-	381562 392815
130	**Contemporary Trade Directory Entries** Name: Northern Renaissance Instrument Location: 6, Needham Avenue, Manchester, M21 8AA Classification: Musical Instrument - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	637	-	381799 393938
130	**Contemporary Trade Directory Entries** Name: Northern Renaissance Instruments Location: 6, Needham Avenue, MANCHESTER, M21 8AA Classification: Musical Instrument - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	637	-	381799 393938
130	**Contemporary Trade Directory Entries** Name: Out Of Sight Safes Location: 6, Needham Avenue, Manchester, M21 8AA Classification: Safes & Vaults - Suppliers & Installers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	637	-	381799 393938
130	**Contemporary Trade Directory Entries** Name: Made To Measure Furniture Co Location: 6, Needham Avenue, Manchester, M21 8AA Classification: Cabinet Makers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	637	-	381799 393938
131	**Contemporary Trade Directory Entries** Name: Bridge Garage Location: 529, Wilbraham Road, Manchester, M21 0UE Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	645	-	381947 393975
132	**Contemporary Trade Directory Entries** Name: Bickertons Location: 1, Stockton Road, Manchester, M21 9FB Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	646	-	381471 393727
133	**Contemporary Trade Directory Entries** Name: Realty Associates Location: 1, Crossland Road, Manchester, M21 9GU Classification: Damp & Dry Rot Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	655	-	381353 393522

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	**Contemporary Trade Directory Entries** Name: Hot City Location: 424, Barlow Moor Road, Manchester, Lancashire, M21 8AD Classification: Electrical Engineers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18SW (N)	658	-	381741 393940
134	**Contemporary Trade Directory Entries** Name: Homestyle Location: 559, Wilbraham Road, Manchester, M21 0AE Classification: Painting & Decorating Supplies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	695	-	381755 393985
135	**Contemporary Trade Directory Entries** Name: Kentoms Garage Location: Silverwood Avenue, Manchester, M21 8BN Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	661	-	381698 393926
136	**Contemporary Trade Directory Entries** Name: Twist Design & Print Location: 19, Brundretts Road, Manchester, M21 9DA Classification: T-Shirts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	677	-	381640 393914
137	**Contemporary Trade Directory Entries** Name: Aleef Garages Location: 418a, Wilbraham Road, Manchester, M21 0SA Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18NW (N)	688	-	381977 394020
137	**Contemporary Trade Directory Entries** Name: Aleef Garages Location: 418a, Wilbraham Road, Manchester, M21 0SA Classification: Petrol Filling Stations - 24 Hour **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18NW (N)	688	-	381977 394020
137	**Contemporary Trade Directory Entries** Name: Chorlton Mot Centre Location: 1, Buckingham Road, Manchester, M21 0SB Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	702	-	381968 394033
138	**Contemporary Trade Directory Entries** Name: Custom Controls Manchester Location: Manchester, Greater Manchester, M21 9hg Classification: Automation Systems & Equipment **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	688	-	381384 393674
139	**Contemporary Trade Directory Entries** Name: New Image Location: 418, Wilbraham Road, Manchester, M21 0SD Classification: Dry Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	692	-	382030 394026
139	**Contemporary Trade Directory Entries** Name: Morrisons Petrol Station Location: 418b Wilbraham Road, Manchester, Greater Manchester, M21 0UA Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18NW (N)	700	-	381991 394033
140	**Contemporary Trade Directory Entries** Name: Best Engineering Location: 199, Darley Avenue, Manchester, M21 7HR Classification: Engineering Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	694	-	381998 392584
140	**Contemporary Trade Directory Entries** Name: Best Engineering Services Location: 199, Darley Avenue, Manchester, M21 7HR Classification: Engineering Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	694	-	381998 392584

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	**Contemporary Trade Directory Entries** Name: The Manchester Crematorium Location: Barlow Moor Road, Manchester, M21 7GZ Classification: Cemeteries & Crematoria **Status: Active** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	704	-	382425 392713
142	**Contemporary Trade Directory Entries** Name: Max Spielmann Location: 436, Barlow Moor Road, Manchester, Lancashire, M21 0AB Classification: Photographic Processors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (NW)	707	-	381713 393982
142	**Contemporary Trade Directory Entries** Name: Romano Ltd Location: 458, Wilbraham Road, Manchester, M21 0AG Classification: Perfume Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	743	-	381708 394019
143	**Contemporary Trade Directory Entries** Name: Deep Fleen Carpets Location: 80 St Werburghs Road, Manchester, Lancashire, M21 0UL Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (NE)	722	-	382324 393987
144	**Contemporary Trade Directory Entries** Name: Homepride Location: 593, Wilbraham Road, Manchester, M21 9AF Classification: Washing Machines - Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	742	-	381629 393982
144	**Contemporary Trade Directory Entries** Name: Klick Location: The Kiosk,Chorlton Shopping Precinct,Chorlton Pl, Manchester, Lancashire, M21 9AQ Classification: Photographic Processors **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A17NE (NW)	788	-	381607 394022
145	**Contemporary Trade Directory Entries** Name: Morrisons Petrol Station Location: 418B, WILBRAHAM ROAD, MANCHESTER, M21 0SD Classification: Petrol Filling Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	744	-	381878 394064
146	**Contemporary Trade Directory Entries** Name: Marble Beers Ltd Location: 390, Wilbraham Road, Manchester, M21 0UH Classification: Brewers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	750	-	382242 394049
147	**Contemporary Trade Directory Entries** Name: Delores & Evelyn Location: Judson Av, Manchester, M21 7LW Classification: Lingerie & Hosiery Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	766	-	382200 392542
148	**Contemporary Trade Directory Entries** Name: Manchester Breakdown Recovery Location: 13, Gresford Close, Albemarle Road, Manchester, M21 9HW Classification: Breakdown and Recovery **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	779	-	381227 393536
149	**Contemporary Trade Directory Entries** Name: The Cleaning Co Location: 6, Ivygreen Road, Manchester, M21 9ET Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	786	-	381206 393475

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	**Contemporary Trade Directory Entries** Name: Masterclean Services Location: 10, Ivygreen Road, Manchester, M21 9ET Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	799	-	381195 393486
150	**Contemporary Trade Directory Entries** Name: U Eco Location: 248, Darley Avenue, Manchester, M21 7HX Classification: Energy Efficient Products and Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	787	-	382105 392501
151	**Contemporary Trade Directory Entries** Name: Johnson Cleaners Uk Ltd Location: 1-3, Chorlton Place, Chorlton cum Hardy, Manchester, M21 9AQ Classification: Dry Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	797	-	381598 394027
151	**Contemporary Trade Directory Entries** Name: Johnson Cleaners (Uk) Ltd Location: 1, Chorlton Place, Chorlton cum Hardy, Manchester, M21 9AQ Classification: Dry Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	797	-	381598 394027
151	**Contemporary Trade Directory Entries** Name: Cleggs Right Price Toiletries Location: 8, Chorlton Place, Chorlton cum Hardy, Manchester, M21 9AQ Classification: Toiletries **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A17NE (NW)	815	-	381609 394053
151	**Contemporary Trade Directory Entries** Name: Cooltrader Ltd Location: 17, Chorlton Place, Chorlton cum Hardy, Manchester, M21 9AQ Classification: Frozen Food Processors & Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	833	-	381600 394069
152	**Contemporary Trade Directory Entries** Name: Simon Dunn Chocolatier Location: 492, Wilbraham Road, Manchester, M21 9AS Classification: Confectionery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	829	-	381547 394035
153	**Contemporary Trade Directory Entries** Name: Urecovery Location: 18, Arrowfield Road, Manchester, M21 7UP Classification: Breakdown and Recovery **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	833	-	382829 393103
154	**Contemporary Trade Directory Entries** Name: Majestix Ltd Location: 9, Pinetop Close, Manchester, M21 7RN Classification: Laboratory Equipment, Instruments & Supplies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	842	-	382809 393003
155	**Contemporary Trade Directory Entries** Name: 4g Accessories Uk Location: 448, Barlow Moor Road, Manchester, M21 0BQ Classification: Mobile Phone Accessories and Car Kits **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	849	-	381655 394112
156	**Contemporary Trade Directory Entries** Name: Forrest Joinery Location: Wilbraham Road, Manchester, M21 9AN Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	858	-	381429 393986
157	**Contemporary Trade Directory Entries** Name: Albany Auto Services Location: Unit 11, Albany Trading Estate, Albany Road, Manchester, M21 0AZ Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	884	-	381791 394191

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	**Contemporary Trade Directory Entries** Name: Riley'S M O T Testing Centre Location: Unit 10, Albany Trading Estate, Albany Road, MANCHESTER, M21 0AZ Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	885	-	381790 394191
157	**Contemporary Trade Directory Entries** Name: Homecheckers Location: Unit 9, Albany Trading Estate, Albany Road, Manchester, M21 0AZ Classification: Damp & Dry Rot Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	885	-	381823 394198
157	**Contemporary Trade Directory Entries** Name: Manchester Car Tints Location: Unit 9, Albany Trading Estate, Albany Road, Manchester, M21 0AZ Classification: Window Tinting **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	885	-	381823 394198
157	**Contemporary Trade Directory Entries** Name: Starco Auto Electrics Location: Unit 5, Albany Trading Estate, Albany Road, Manchester, M21 0AZ Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	913	-	381812 394224
158	**Contemporary Trade Directory Entries** Name: John Maher Location: Unit 16, Albany Trading Estate, Albany Road, Manchester, M21 0AZ Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	926	-	381776 394230
158	**Contemporary Trade Directory Entries** Name: Scrap Car Manchester Cash Location: Unit 3a Albany Trading Estate,Albany Road, Manchester, Greater Manchester, M21 0AZ Classification: Car Breakers & Dismantlers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	933	-	381806 394244
158	**Contemporary Trade Directory Entries** Name: Screwfix Location: Albany Trading Estate,Albany Road, Manchester, Greater Manchester, M21 0AZ Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	933	-	381806 394244
158	**Contemporary Trade Directory Entries** Name: A J A Motors Location: Unit 1, Albany Trading Estate, Albany Road, Manchester, Lancashire, M21 0AZ Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	934	-	381806 394245
158	**Contemporary Trade Directory Entries** Name: Autometers Systems Location: 4b, Albany Road, Manchester, M21 0AW Classification: Meter Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	971	-	381767 394274
159	**Contemporary Trade Directory Entries** Name: Johnstone'S Location: Unit 2a, Albany Trading Estate, Albany Road, Manchester, M21 0AZ Classification: Painting & Decorating Supplies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	927	-	381809 394238
159	**Contemporary Trade Directory Entries** Name: Chorlton Cars Location: Unit 2, Albany Trading Estate, Albany Road, Manchester, M21 0AZ Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	927	-	381809 394238

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	**Contemporary Trade Directory Entries** Name: Bezingaprint Location: 34, Manchester Road, Chorlton cum Hardy, Manchester, M21 9PH Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	930	-	381630 394189
160	**Contemporary Trade Directory Entries** Name: The Printworld Design Group Ltd Location: 34, Manchester Road, Chorlton cum Hardy, Manchester, M21 9PH Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	930	-	381630 394189
160	**Contemporary Trade Directory Entries** Name: Village Dry Cleaners Location: 38, Manchester Road, Chorlton cum Hardy, Manchester, M21 9PH Classification: Dry Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	941	-	381628 394201
160	**Contemporary Trade Directory Entries** Name: The Village Dry Cleaners Ltd Location: 38, Manchester Road, Chorlton cum Hardy, Manchester, M21 9PH Classification: Dry Cleaners **Status: Active** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	941	-	381628 394201
161	**Contemporary Trade Directory Entries** Name: Road Recovery Services Location: 45, Vicars Road, Manchester, M21 9JB Classification: Car Breakdown & Recovery Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	941	-	381120 393713
161	**Contemporary Trade Directory Entries** Name: Road Recovery Services Location: 45, Vicars Road, Manchester, M21 9JB Classification: Car Breakdown & Recovery Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	941	-	381120 393713
162	**Contemporary Trade Directory Entries** Name: Autocar & Van Repairs Location: 1, Oswald Road, Chorlton cum Hardy, Manchester, M21 9LH Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	962	-	381410 394103
163	**Contemporary Trade Directory Entries** Name: Nick'S School Of Motoring Location: 3, Wyverne Road, Manchester, M21 0XF Classification: Dry Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19NE (NE)	974	-	382704 394025
164	**Fuel Station Entries** Name: Barlow Moor Service Station Location: 302, Barlow Moor Road , Chorlton-Cum-Hardy , Manchester, Greater Manchester, M21 8AY Brand: TEXACO Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Manually positioned to the address or location	A13NW (W)	33	-	381947 393312
165	**Fuel Station Entries** Name: Mfg Chorlton Location: 423, Barlow Moor Road , Chorlton-Cum-Hardy , Manchester, Greater Manchester, M21 8ER Brand: Shell Premises Type: Petrol Station **Status: Open** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	128	-	381902 393181
166	**Fuel Station Entries** Name: Chorlton Park Service Station Location: 417, Barlow Moor Road , Chorlton-Cum-Hardy , Manchester, Greater Manchester, M21 8JD Brand: Obsolete Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A13SW (S)	190	-	381934 393095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	**Fuel Station Entries** Name: Morrisons Chorlton-Cum-Hardy Location: Wilbraham Road , Chorlton-Cum-Hardy , Manchester, Greater Manchester, M21 0SD Brand: Morrisons Premises Type: Petrol Station **Status: Open** Positional Accuracy: Manually positioned to the address or location	A18NW (N)	700	-	381989 394033
168	**Fuel Station Entries** Name: Brookside Motors Location: 24a, Egerton Road South , , Manchester, Greater Manchester, M21 0YN Brand: OBSOLETE Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Located by supplier to within 100m	A14NE (E)	826	-	382800 393600
169	**Points of Interest - Commercial Services** Name: Chorlton Service Centre Location: 302A Barlow Moor Road, Manchester, M21 8AY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (W)	11	7	381970 393309
169	**Points of Interest - Commercial Services** Name: Dsc Location: 302 Barlow Moor Road, Manchester, M21 8AY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (W)	28	7	381952 393309
169	**Points of Interest - Commercial Services** Name: Super Quick Shine Manchester Ltd Location: 302 Barlow Moor Road, Manchester, M21 8AY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (W)	28	7	381952 393309
169	**Points of Interest - Commercial Services** Name: Chorlton Service Centre Location: 302 Barlow Moor Road, Manchester, M21 8AY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (W)	28	7	381952 393309
169	**Points of Interest - Commercial Services** Name: Synergie Barlow Moor Service Station Location: 302 Barlow Moor Road, Manchester, M21 8AY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (W)	33	7	381947 393312
169	**Points of Interest - Commercial Services** Name: Car Wash Location: 302 Barlow Moor Road, Manchester, M21 8AY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (W)	33	7	381947 393312
170	**Points of Interest - Commercial Services** Name: Auto Shield Location: 465 Barlow Moor Road, Manchester, M21 8AU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	114	7	381881 393387
170	**Points of Interest - Commercial Services** Name: Autoshield Maserati Location: 465 Barlow Moor Road, Manchester, M21 8AU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	115	7	381880 393387
171	**Points of Interest - Commercial Services** Name: Chorlton Motoring Centre Location: 423 Barlow Moor Road, Manchester, M21 8ER Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	127	7	381903 393181

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
171	**Points of Interest - Commercial Services** Name: Chorlton Motoring Centre Location: 423 Barlow Moor Road, Manchester, M21 8ER Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	127	7	381903 393181
171	**Points of Interest - Commercial Services** Name: Chorlton Motoring Centre Location: 423 Barlow Moor Road, Manchester, M21 8ER Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	127	7	381903 393181
171	**Points of Interest - Commercial Services** Name: Chorlton Motoring Centre Location: 423 Barlow Moor Road, Manchester, M21 8ER Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	127	7	381903 393181
171	**Points of Interest - Commercial Services** Name: Mfg Chorlton Location: 423 Barlow Moor Road, Manchester, M21 8ER Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SW (SW)	128	7	381902 393181
171	**Points of Interest - Commercial Services** Name: Car Wash Location: 423 Barlow Moor Road, Manchester, M21 8ER Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SW (SW)	128	7	381902 393181
171	**Points of Interest - Commercial Services** Name: Palatine Location: 419-421 Barlow Moor Road, Manchester, M21 8ER Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	156	7	381923 393136
172	**Points of Interest - Commercial Services** Name: Palatine Garage Location: 483 Barlow Moor Road, Manchester, M21 8AG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	263	7	381837 393549
172	**Points of Interest - Commercial Services** Name: Motor Tech Chorlton Ltd Location: 483 Barlow Moor Road, Manchester, M21 8AG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	263	7	381837 393549
172	**Points of Interest - Commercial Services** Name: Motor Tech Location: 483 Barlow Moor Road, Manchester, M21 8AG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	264	7	381837 393550
172	**Points of Interest - Commercial Services** Name: Miller Autos Location: Rear Of 485, Barlow Moor Road, Manchester, M21 8AG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	286	7	381797 393548
172	**Points of Interest - Commercial Services** Name: Motor Tech Location: 489-491 Barlow Moor Road, Manchester, M21 8AG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	287	7	381820 393566
173	**Points of Interest - Commercial Services** Name: Express Connections Logistics Ltd Location: 31 Beaumont Road, Manchester, M21 8BG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NW (W)	316	7	381662 393324

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
174	**Points of Interest - Commercial Services** Name: Westroen Sphere Services Location: 7 Nell Lane, Manchester, M21 8UE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	378	7	382388 393410
174	**Points of Interest - Commercial Services** Name: Westroen Location: 7 Nell Lane, Manchester, M21 8UE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	378	7	382388 393411
175	**Points of Interest - Commercial Services** Name: P M Services Ltd Location: 14 Zetland Road, Manchester, M21 8TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	471	7	381910 393793
176	**Points of Interest - Commercial Services** Name: Lawrence Auto Electrical Location: 8 Emery Avenue, Manchester, M21 7LF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	589	7	382084 392698
176	**Points of Interest - Commercial Services** Name: Lawrence Auto Electrical Location: 8 Emery Avenue, Manchester, M21 7LF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	589	7	382085 392698
177	**Points of Interest - Commercial Services** Name: Mac Haulage Ltd Location: 132 Egerton Road South, Manchester, M21 0XJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SE (N)	609	7	382127 393933
178	**Points of Interest - Commercial Services** Name: Bridge Garage Location: 529 Wilbraham Road, Manchester, M21 0UE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	645	7	381947 393975
178	**Points of Interest - Commercial Services** Name: Bridge Garage Location: 529 Wilbraham Road, Manchester, M21 0UE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	649	7	381932 393977
178	**Points of Interest - Commercial Services** Name: Orchard Service Station Location: Wilbraham Road, Chorlton-Cum-Hardy, Manchester, M21 0SD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NW (N)	696	7	381970 394028
178	**Points of Interest - Commercial Services** Name: Car Wash Location: Wilbraham Road, Chorlton-Cum-Hardy, Manchester, Lancashire, M21 0SD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NW (N)	696	7	381970 394028
178	**Points of Interest - Commercial Services** Name: Chorlton MOT Centre Location: 1 Buckingham Road, Manchester, M21 0SB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	702	7	381968 394033
179	**Points of Interest - Commercial Services** Name: Bickertons Motor & Marine Engineers Location: 1 Stockton Road, Manchester, M21 9FB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	646	7	381471 393727

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
179	**Points of Interest - Commercial Services** Name: Bickertons Motor & Marine Engineers Location: 1a Stockton Road, Manchester, M21 9FB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	666	7	381478 393766
180	**Points of Interest - Commercial Services** Name: Landa Manchester Ltd Location: 25 Salisbury Road, Manchester, M21 0SJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NW (N)	813	7	381958 394144
181	**Points of Interest - Commercial Services** Name: Scrap Car Manchester Cash Location: Unit 3a Albany Trading Estate, Albany Road, Manchester, M21 0AZ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NW (N)	840	7	381823 394152
181	**Points of Interest - Commercial Services** Name: Riley's M O T Testing Centre Location: Unit 10 Albany Trading Estate, Albany Road, Manchester, M21 0AZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	884	7	381791 394191
181	**Points of Interest - Commercial Services** Name: Albany Auto Services Location: Unit 11 Albany Trading Estate, Albany Road, Manchester, M21 0AZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	884	7	381791 394191
181	**Points of Interest - Commercial Services** Name: Starco Auto Electrics Location: Unit 5 Albany Trading Estate, Albany Road, Manchester, M21 0AZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	913	7	381812 394224
181	**Points of Interest - Commercial Services** Name: Calibre Auto Centre Location: Unit 3 Albany Trading Estate, Albany Road, Manchester, M21 0AZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	921	7	381811 394232
181	**Points of Interest - Commercial Services** Name: Chorlton Cars Location: Unit 2 Albany Trading Estate, Albany Road, Manchester, M21 0AZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	927	7	381809 394238
181	**Points of Interest - Commercial Services** Name: Chorlton Cars Manchester Ice Station Location: Unit 2 Albany Trading Estate, Albany Road, Manchester, M21 0AZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	928	7	381808 394239
182	**Points of Interest - Commercial Services** Name: Autocar & Van Repairs Location: 1 Oswald Road, Chorlton-cum-Hardy, Manchester, M21 9LH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	961	7	381410 394102
183	**Points of Interest - Commercial Services** Name: K Direct Motors Ltd Location: 1 Ploughbank Drive, Manchester, M21 7UB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	964	7	382976 393193
184	**Points of Interest - Manufacturing and Production** Name: Lime Bank Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	52	7	382032 393384

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
185	**Points of Interest - Manufacturing and Production** Name: Works Location: Rear Of 322, Barlow Moor Road, Chorlton, Manchester, Greater Manchester, M21 8JB Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13NW (NW)	75	7	381934 393388
186	**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	A12NE (NW)	591	7	381460 393611
187	**Points of Interest - Manufacturing and Production** Name: Works Location: M21 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	627	7	381804 393929
188	**Points of Interest - Public Infrastructure** Name: Aleef Garages Location: 302b Barlow Moor Road, Manchester, M21 8AY Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (W)	11	7	381970 393309
188	**Points of Interest - Public Infrastructure** Name: Aleef Barlow Moor Sstn Location: 302 Barlow Moor Road, Manchester, M21 8AY Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (W)	28	7	381952 393309
188	**Points of Interest - Public Infrastructure** Name: Aleef Barlow Moor Station Location: 302 Barlow Moor Road, Manchester, M21 8AY Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (W)	33	7	381947 393312
188	**Points of Interest - Public Infrastructure** Name: Barlow Moor Service Station Location: 302 Barlow Moor Road, Manchester, M21 8AY Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (W)	33	7	381947 393312
189	**Points of Interest - Public Infrastructure** Name: Chorlton Motoring Centre Location: 423 Barlow Moor Road, Manchester, M21 8ER Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	127	7	381903 393181
189	**Points of Interest - Public Infrastructure** Name: Chorlton Motoring Centre Location: 423 Barlow Moor Road, Manchester, M21 8ER Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	127	7	381903 393181
189	**Points of Interest - Public Infrastructure** Name: Shell Chorlton Motoring Centre Location: 423 Barlow Moor Road, Manchester, M21 8ER Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	128	7	381902 393181
189	**Points of Interest - Public Infrastructure** Name: Shell Location: 423 Barlow Moor Road, Manchester, M21 8ER Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	128	7	381902 393181
189	**Points of Interest - Public Infrastructure** Name: Chorlton Motoring Centre Location: 423 Barlow Moor Road, Manchester, M21 8ER Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	128	7	381902 393181

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	**Points of Interest - Public Infrastructure** Name: Chorlton Police Station Location: Police Station, Barlow Moor Road, Manchester, M21 8DQ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	154	7	381862 393428
190	**Points of Interest - Public Infrastructure** Name: Bus Station Location: M21 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A13NW (NW)	180	7	381864 393466
190	**Points of Interest - Public Infrastructure** Name: Bus Station Location: M21 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	192	7	381860 393478
191	**Points of Interest - Public Infrastructure** Name: Manchester Crematorium Location: M21 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A9NW (SE)	645	7	382417 392781
191	**Points of Interest - Public Infrastructure** Name: The Manchester Crematorium Ltd Location: Barlow Moor Road, Manchester, M21 7GZ Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A9NW (SE)	704	7	382425 392713
191	**Points of Interest - Public Infrastructure** Name: The Manchester Crematorium Location: Barlow Moor Road, Manchester, M21 7GZ Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A9NW (SE)	704	7	382425 392713
191	**Points of Interest - Public Infrastructure** Name: Jews Cemetery Location: M21 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	734	7	382439 392687
192	**Points of Interest - Public Infrastructure** Name: Aleef Garages Location: 418a Wilbraham Road, Manchester, M21 0SA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	688	7	381977 394020
192	**Points of Interest - Public Infrastructure** Name: Morrisons Chorlton-Cum-Hardy Location: Wilbraham Road, Chorlton-Cum-Hardy, Manchester, M21 0SD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	696	7	381970 394028
192	**Points of Interest - Public Infrastructure** Name: Shell - Orchard Service Station Location: Wilbraham Road, Manchester, M21 0SD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	698	7	381972 394030
192	**Points of Interest - Public Infrastructure** Name: Morrisons Petrol Station Location: 418a Wilbraham Road, Chorlton-Cum-Hardy, Manchester, M21 0SD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	700	7	381988 394033
192	**Points of Interest - Public Infrastructure** Name: Morrisons Petrol Station Location: 418b Wilbraham Road, Chorlton-Cum-Hardy, Manchester, M21 0UA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	700	7	381987 394033

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
192	**Points of Interest - Public Infrastructure** Name: Orchard Service Station Location: 418a Wilbraham Road, Manchester, M21 0SA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	702	7	381968 394033
192	**Points of Interest - Public Infrastructure** Name: Aleef Garages Location: 418A Wilbraham Road, Manchester, M21 0SA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	702	7	381968 394033
193	**Points of Interest - Public Infrastructure** Name: Graveyard Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	700	7	381292 393464
193	**Points of Interest - Public Infrastructure** Name: Graveyard Location: M21 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	708	7	381283 393463
194	**Points of Interest - Public Infrastructure** Name: Sewage Pumping Station Location: M21 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	738	7	381550 392682
195	**Points of Interest - Public Infrastructure** Name: Manchester Southern Cemetery Location: M21 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	809	7	382458 392609
196	**Points of Interest - Public Infrastructure** Name: Manchester Southern Cemetery Location: M21 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	914	7	382696 392676
196	**Points of Interest - Public Infrastructure** Name: Manchester Southern Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	955	7	382752 392678
197	**Points of Interest - Recreational and Environmental** Name: Playground Location: Nell Lane, M21 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13SE (SE)	330	7	382317 393151
197	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	331	7	382317 393149
197	**Points of Interest - Recreational and Environmental** Name: Chorlton Park Location: Nell Lane, Manchester, M21 7SJ Category: Recreational Class Code: Municipal Parks And Gardens Positional Accuracy: Positioned to address or location	A14SW (E)	355	7	382363 393210
197	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	360	7	382341 393132

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
197	**Points of Interest - Recreational and Environmental** Name: Playground Location: Nell Lane, M21 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14SW (SE)	360	7	382341 393131
197	**Points of Interest - Recreational and Environmental** Name: Skateboard Park Location: Mauldeth Road West, M21 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14SW (SE)	423	7	382375 393063
198	**Points of Interest - Recreational and Environmental** Name: Play Area Location: M21 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	347	7	381704 393539
199	**Points of Interest - Recreational and Environmental** Name: Playground Location: Caddington Road, M21 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14NW (E)	519	7	382509 393500
200	**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)	822	7	382798 393033
200	**Points of Interest - Recreational and Environmental** Name: Playground Location: Pinetop Close, M21 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14SE (E)	822	7	382798 393033
200	**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)	856	7	382850 393091
200	**Points of Interest - Recreational and Environmental** Name: Playground Location: Cressfield Way, M21 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14SE (E)	857	7	382850 393089
200	**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)	903	7	382885 393039
200	**Points of Interest - Recreational and Environmental** Name: Play Area Location: M21 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	907	7	382902 393090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
201	**Areas of Adopted Green Belt** Authority: Manchester City Council Plan Name: Proposals Map **Status: Adopted** Plan Date: 11th July 2012	A7NE (SW)	615	8	381485 392920
202	**Local Nature Reserves** Name: Chorlton Ees & Ivy Green Multiple Area: N Area (m2): 309336.72 Source: Natural England Designation Date: 26th July 2006	A12NE (W)	652	10	381327 393335

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
Trafford Metropolitan Borough Council - Renewal and Environmental Protection	November 2013	Annual Rolling Update
Manchester City Council - Environmental Health Department	October 2017	Annual Rolling Update
Salford City Council - Environmental Health Department	October 2017	Annual Rolling Update
Stockport Metropolitan Borough Council - Environment Team (Land & Water)	October 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - North West Region	October 2021	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - North West Region	March 2013	
Integrated Pollution Controls		
Environment Agency - North West Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - North West Region	October 21	Quarterly
Local Authority Integrated Pollution Prevention And Control		
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		
Salford City Council - Environmental Health Department	March 2015	Annual Rolling Update
Stockport Metropolitan Borough Council - Environmental Health Department, EEDD	October 2014	Annual Rolling Update
Trafford Metropolitan Borough Council - Environmental Health Department	October 2014	Annual Rolling Update
Manchester City Council - Environmental Health Department	September 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
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	August 2021	
Pollution Incidents to Controlled Waters		
Environment Agency - North West Region	January 2000	
Prosecutions Relating to Authorised Processes		
Environment Agency - North West Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - North West Region	March 2013	
Registered Radioactive Substances		
Environment Agency - North West Region	June 2016	Annually
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - North West Region - South Area	October 2021	Quarterly
Water Abstractions		
Environment Agency - North West Region	October 2021	Quarterly
Water Industry Act Referrals		
Environment Agency - North West Region	October 2017	Quarterly

Agency & Hydrological	Version	Update Cycle
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2021	Quarterly
Flood Defences Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - North West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - North West Region - South Area	October 2021	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - North West Region - South Area	October 2021	Quarterly
Local Authority Landfill Coverage		
Manchester City Council - Planning Department	February 2003	Not Applicable
Salford City Council - Environmental Health Department	February 2003	Not Applicable
Stockport Metropolitan Borough Council - Environmental Health Department, EEDD	February 2003	Not Applicable
Trafford Metropolitan Borough Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Manchester City Council - Planning Department	October 2018	
Salford City Council - Environmental Health Department	October 2018	
Stockport Metropolitan Borough Council - Environmental Health Department, EEDD	October 2018	
Trafford Metropolitan Borough Council - Environmental Health Department	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - North West Region - South Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - North West Region - South Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - North West Region - South Area	June 2015	
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Trafford Metropolitan Borough Council	April 2016	Variable
Manchester City Council - Planning Department	February 2016	Variable
Stockport Metropolitan Borough Council - Environment and Economic Development	February 2016	Variable
Salford City Council	June 2016	Variable
Planning Hazardous Substance Consents		
Trafford Metropolitan Borough Council	April 2016	Variable
Manchester City Council - Planning Department	February 2016	Variable
Stockport Metropolitan Borough Council - Environment and Economic Development	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	December 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	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

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

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

Data Suppliers

A selection of organisations who provide data within this report

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

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	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	**Manchester City Council** Town Hall, Albert Square, Manchester, Greater Manchester, M60 2JT	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
9	**Trafford Metropolitan Borough Council** P O Box 14, Trafford Town Hall, Talbot Road, Stretford, Greater Manchester, M32 0YZ	Telephone: 0161 912 1212 Fax: 0161 873 7783 Website: www.trafford.gov.uk
10	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

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

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	SSA	Shirdley Hill Sand Formation	Sand	Not Supplied - Devensian
	TILLD	Till, Devensian	Clay, Sand and Gravel	Not Supplied - Devensian
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	HEY	Helsby Sandstone Formation	Sandstone, Pebbly (Gravelly)	Not Supplied - Anisian
	TPSF	Tarporley Siltstone Formation	Siltstone, Mudstone and Sandstone	Not Supplied - Olenekian
	CHES	Chester Formation	Sandstone, Pebbly (Gravelly)	Not Supplied - Olenekian
	CHES	Chester Formation	Sandstone	Not Supplied - Olenekian
	WLSF	Wilmslow Sandstone Formation	Sandstone	Not Supplied - Early Triassic
		Faults		

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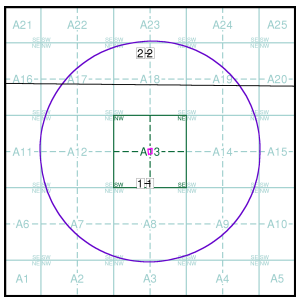
Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	**2**	**Map ID:**	**1**
Map Sheet No:	**085**	**Map Sheet No:**	**098**
Map Name:	**Manchester**	**Map Name:**	**Stockport**
Map Date:	**2010**	**Map Date:**	**1962**
Bedrock Geology:	**Available**	**Bedrock Geology:**	**Available**
Superficial Geology:	**Not Available**	**Superficial Geology:**	**Available**
Artificial Geology:	**Not Available**	**Artificial Geology:**	**Not Available**
Faults:	**Not Supplied**	**Faults:**	**Not Supplied**
Landslip:	**Not Available**	**Landslip:**	**Available**
Rock Segments:	**Not Supplied**	**Rock Segments:**	**Not Supplied**

Geology 1:50,000 Maps - Slice A

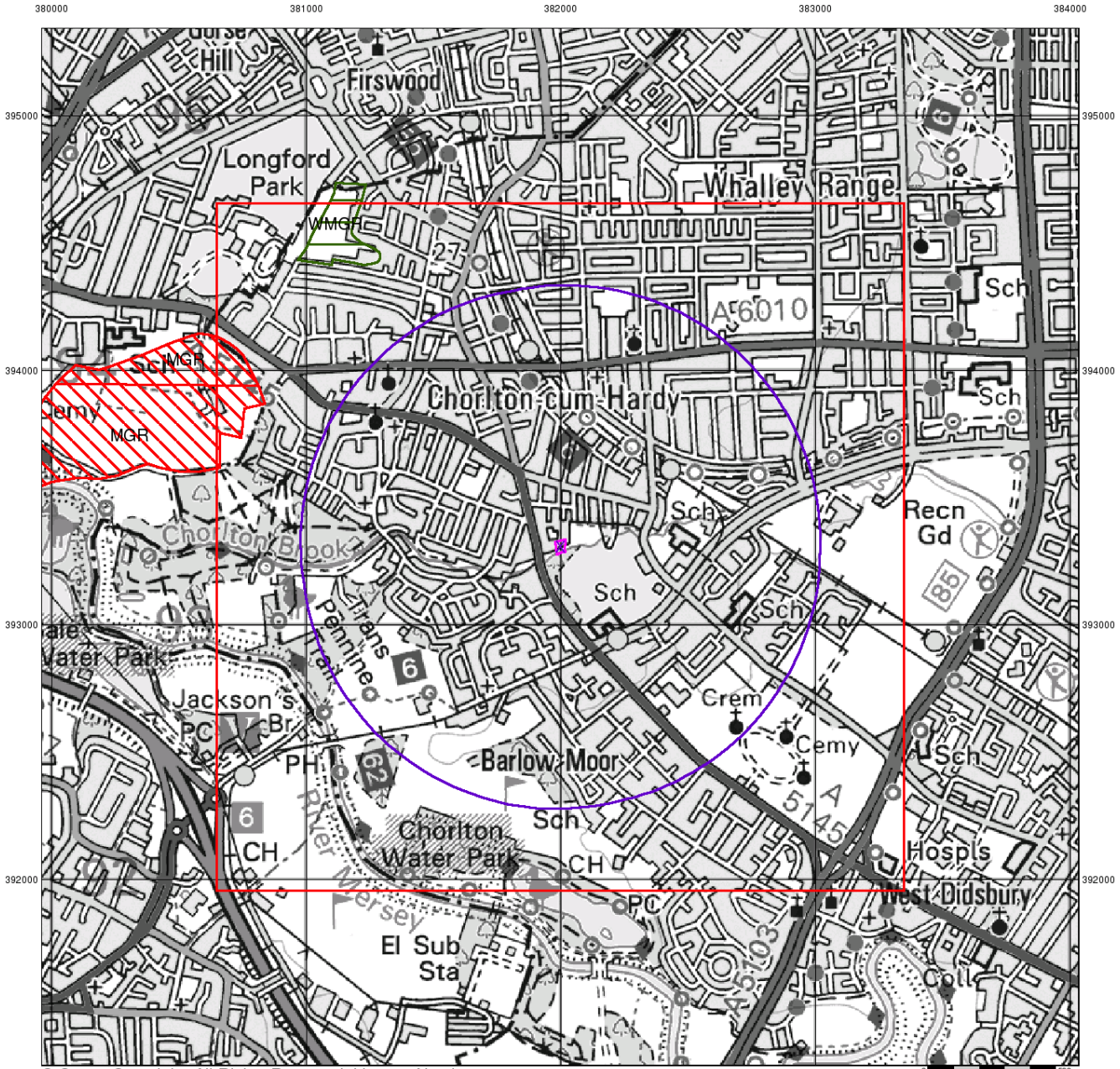


Order Details:

Order Number:	288758637_1_1
Customer Reference:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details:

302b Barlow Moor Road, Chorlton, Manchester, M21 8AY



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Artificial Ground and Landslip

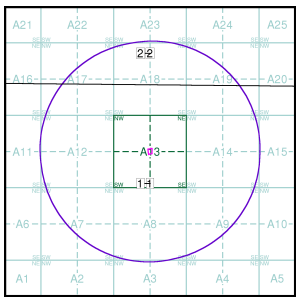
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

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National Grid Reference:	382000, 393310
Slice:	A
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Search Buffer (m):	1000

Site Details:

302b Barlow Moor Road, Chorlton, Manchester, M21 8AY

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



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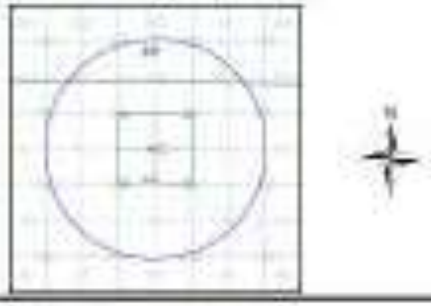
Superficial Geology

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

They rest on older deposits or rock surfaces known as Bedrock. The oldest sections Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of manmade origin.

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

Superficial Geology Map - Slice A

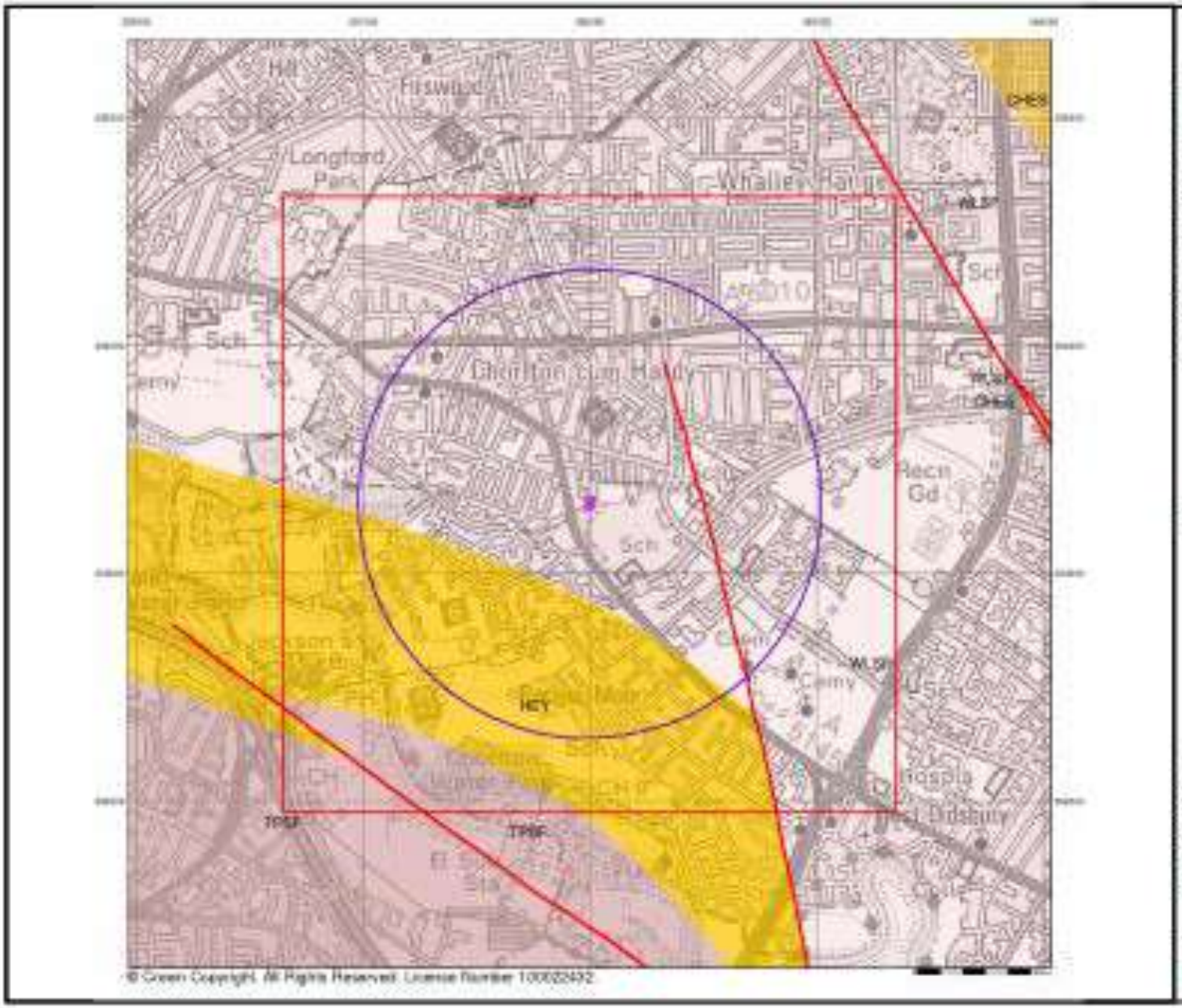


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National Grid Reference	[redacted]
Slice	A
Site Area (Ha)	0.77
Search Buffer (m)	1000

Site Details:

[redacted]



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Bedrock and Faults

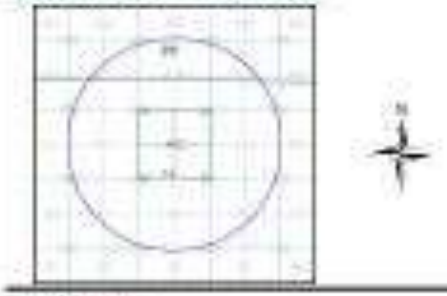
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

The bedrock geology includes many lithologies, often classified into three types based on origins (igneous, metamorphic and sedimentary).

The BGS Faults and Fleet Segments dataset indicates geological faults (e.g. normal, thrust), and their units mapped on lines (e.g. coal seam, gypsum mine). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequences, most faults and mineral veins primarily affect the bedrock but can cross the strata and pass into superficials.

Bedrock and Faults Map - Slice A

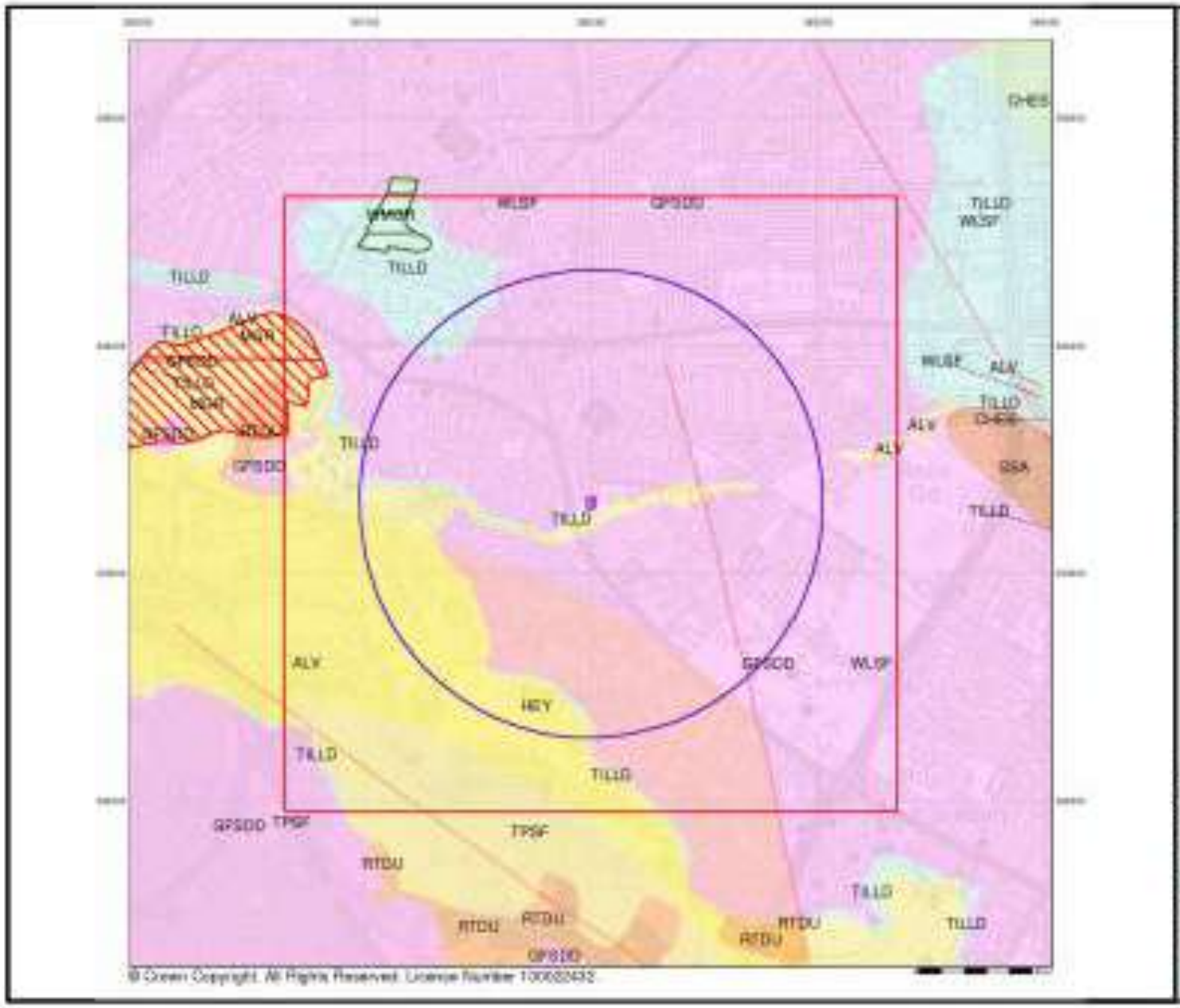


Order Details:

Order Number	[illegible]
Customer Reference	[illegible]
National Grid Reference	[illegible]
Slice	A
Site Area (sq ft)	0.17
Search Buffer (m)	1000

Site Details:

[illegible]



LK GROUP

Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends in the previous maps to interpret the Combined "Surface Geology" map.

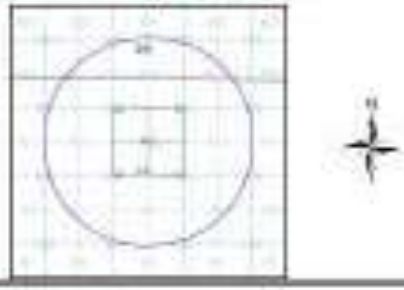
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the "BGS Lexicon of Named Rock Units". This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A



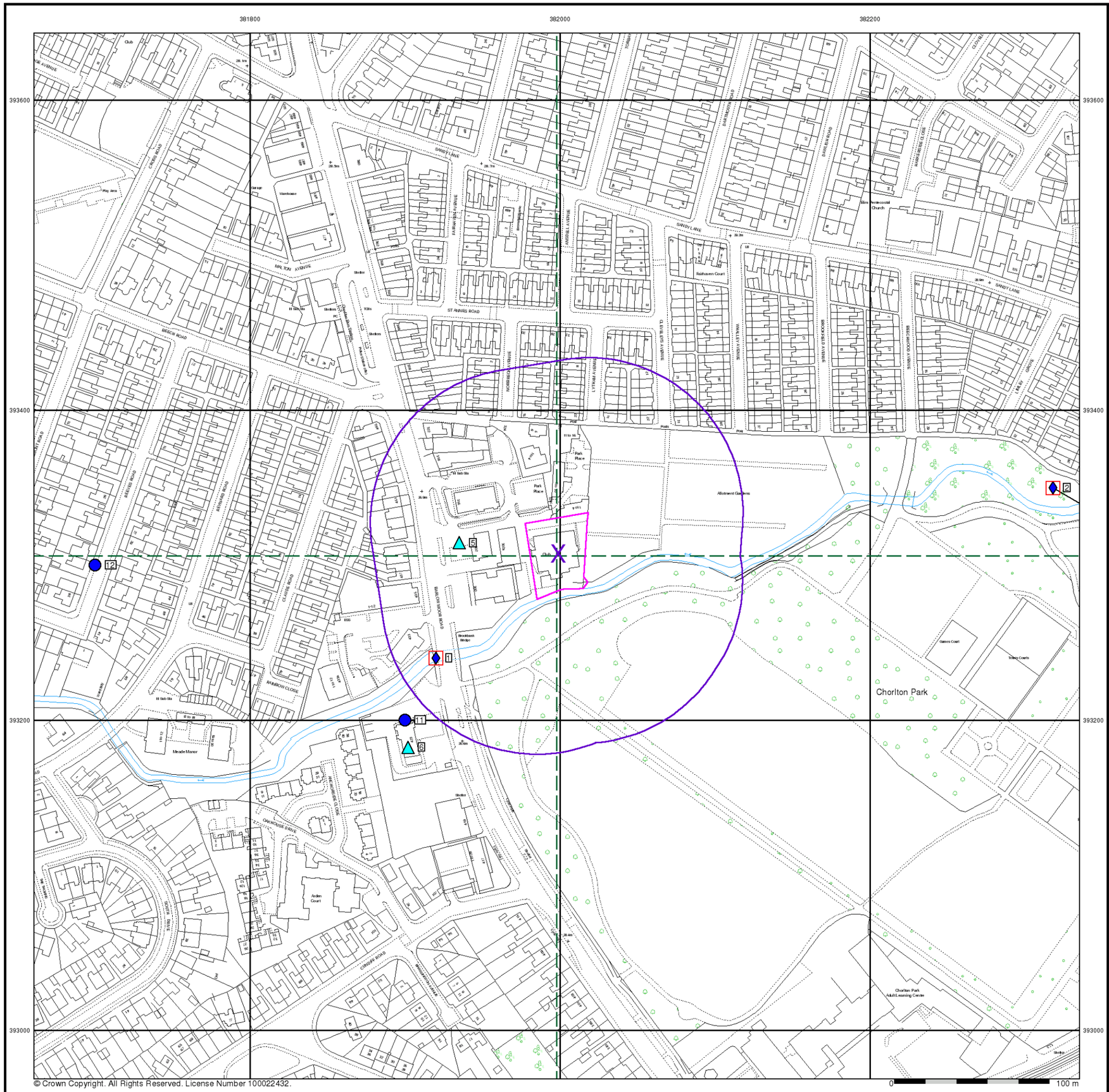
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Order Number:	38878837_1_1
Customer Reference:	LHC 21 1163
National Grid Reference:	362000, 395000
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details:

303a Barlow Moor Road, Chorlton, Manchester, M21 8AY

Landmark



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LK GROUP

General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- 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

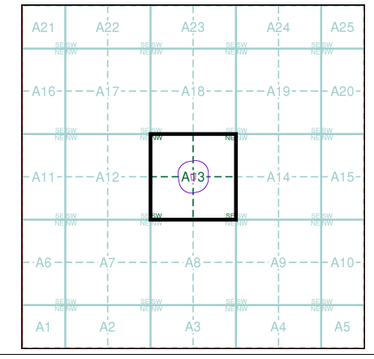
Geological

- 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 - Segment A13



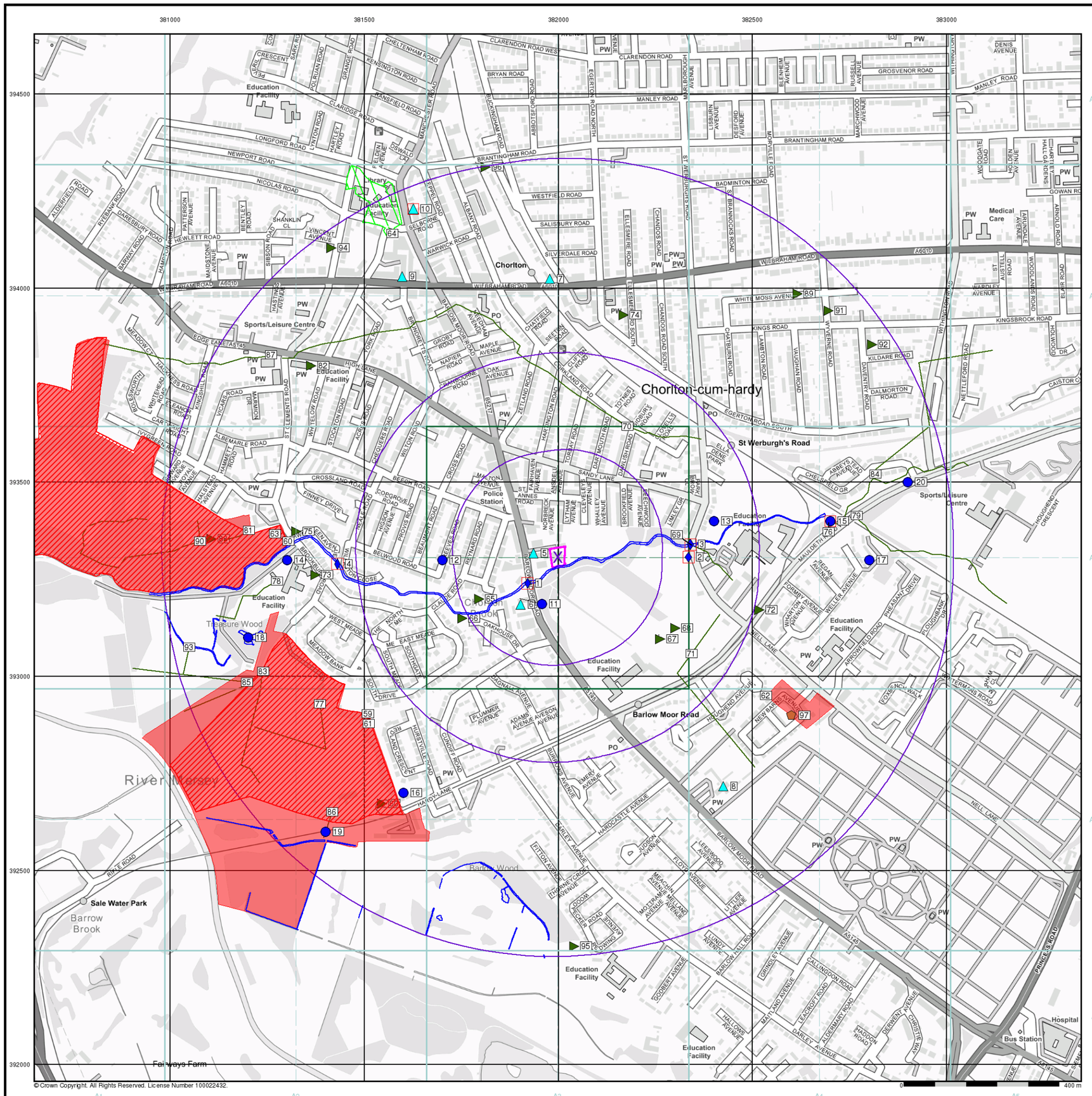
Order Details

Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Plot Buffer (m):	100

Site Details

302b Barlow Moor Road, Chorlton, Manchester, M21 8AY

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LK GROUP

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

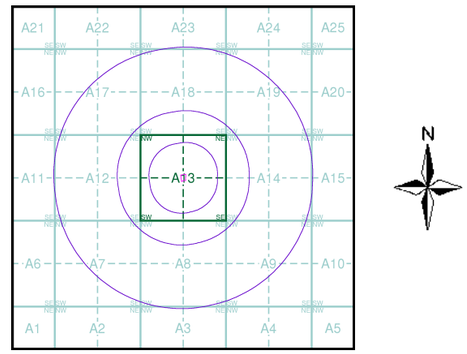
Geological

- 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

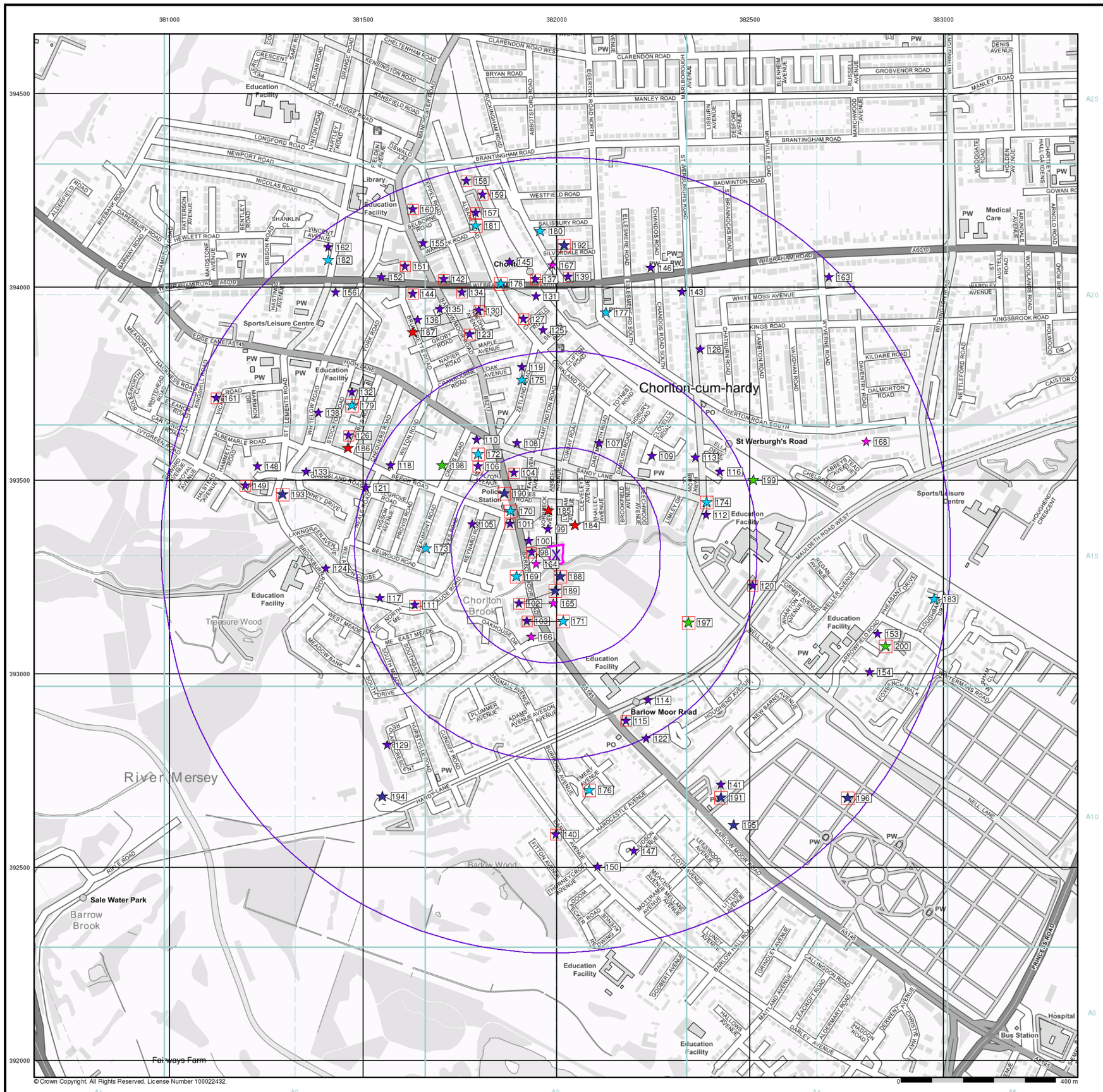
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Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

302b Barlow Moor Road, Chorlton, Manchester, M21 8AY

Landmark INFORMATION GROUP

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



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Industrial Land Use Map

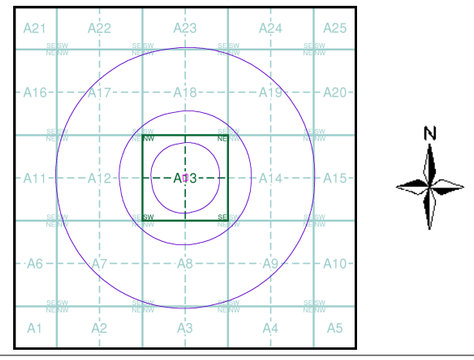
General

- 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



Order Details

Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

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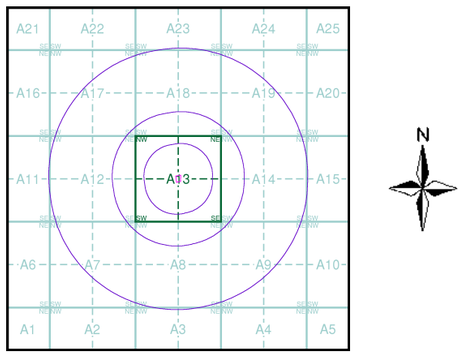
General

- 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:	288758637_1_1
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Slice:	A
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Search Buffer (m):	1000

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General

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

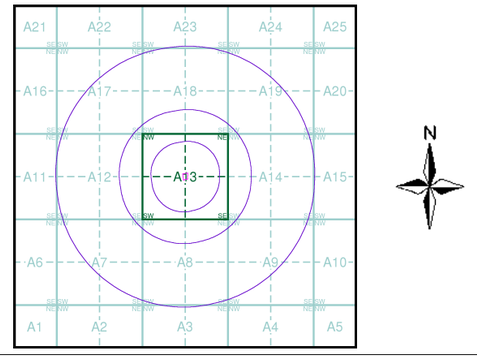
Agency and Hydrological (Boreholes)

- 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



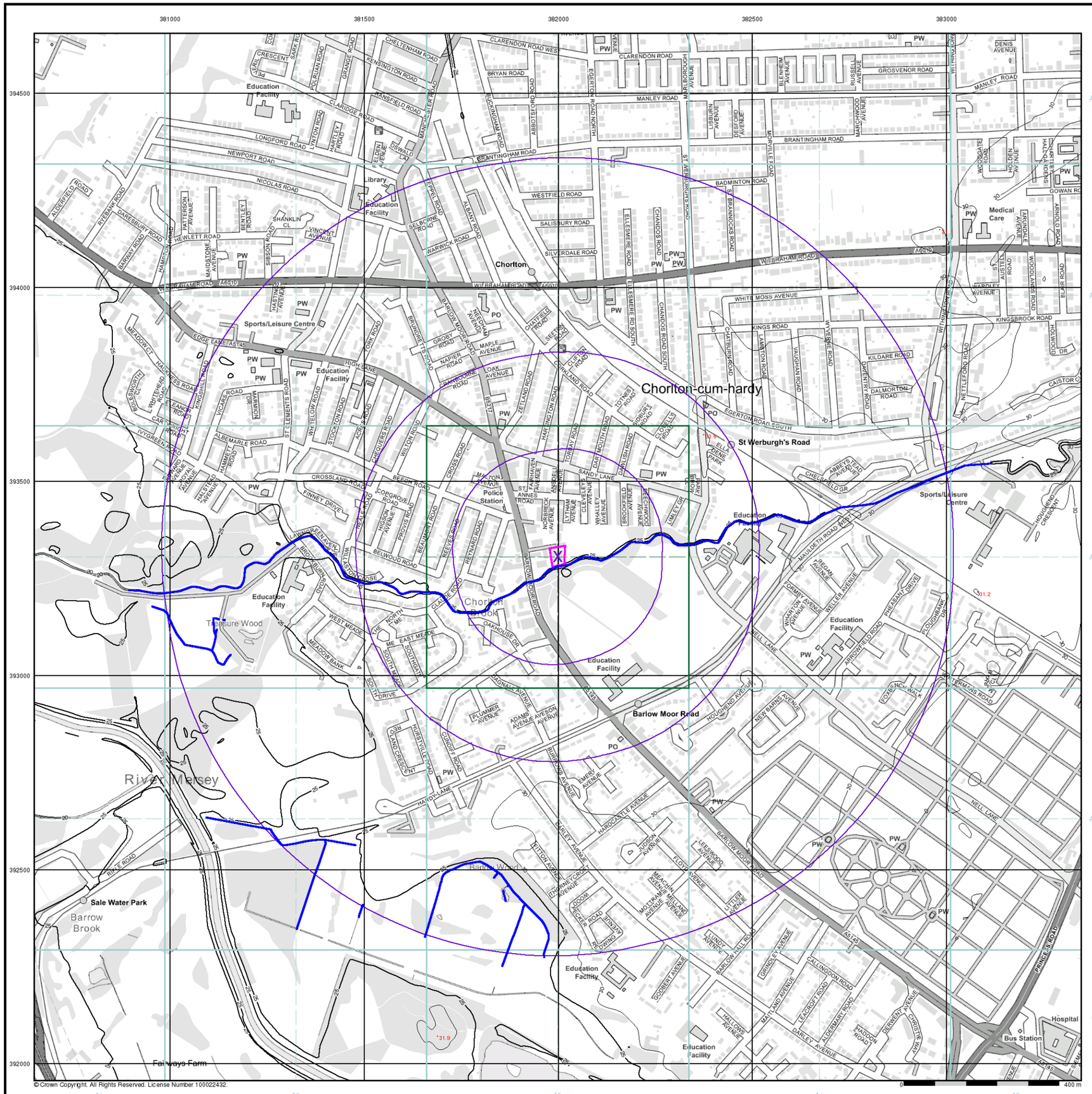
Order Details

Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

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LK GROUP

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)

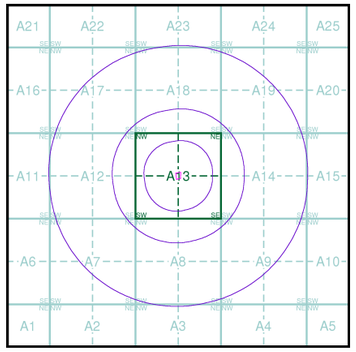
Standard Contour 105 100 95

Master Contour

Spot Height 167.3

- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

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



LK GROUP

General

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

Risk of Flooding from Surface Water

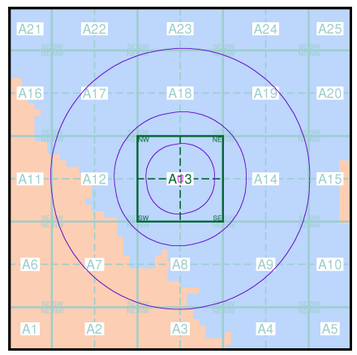
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

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

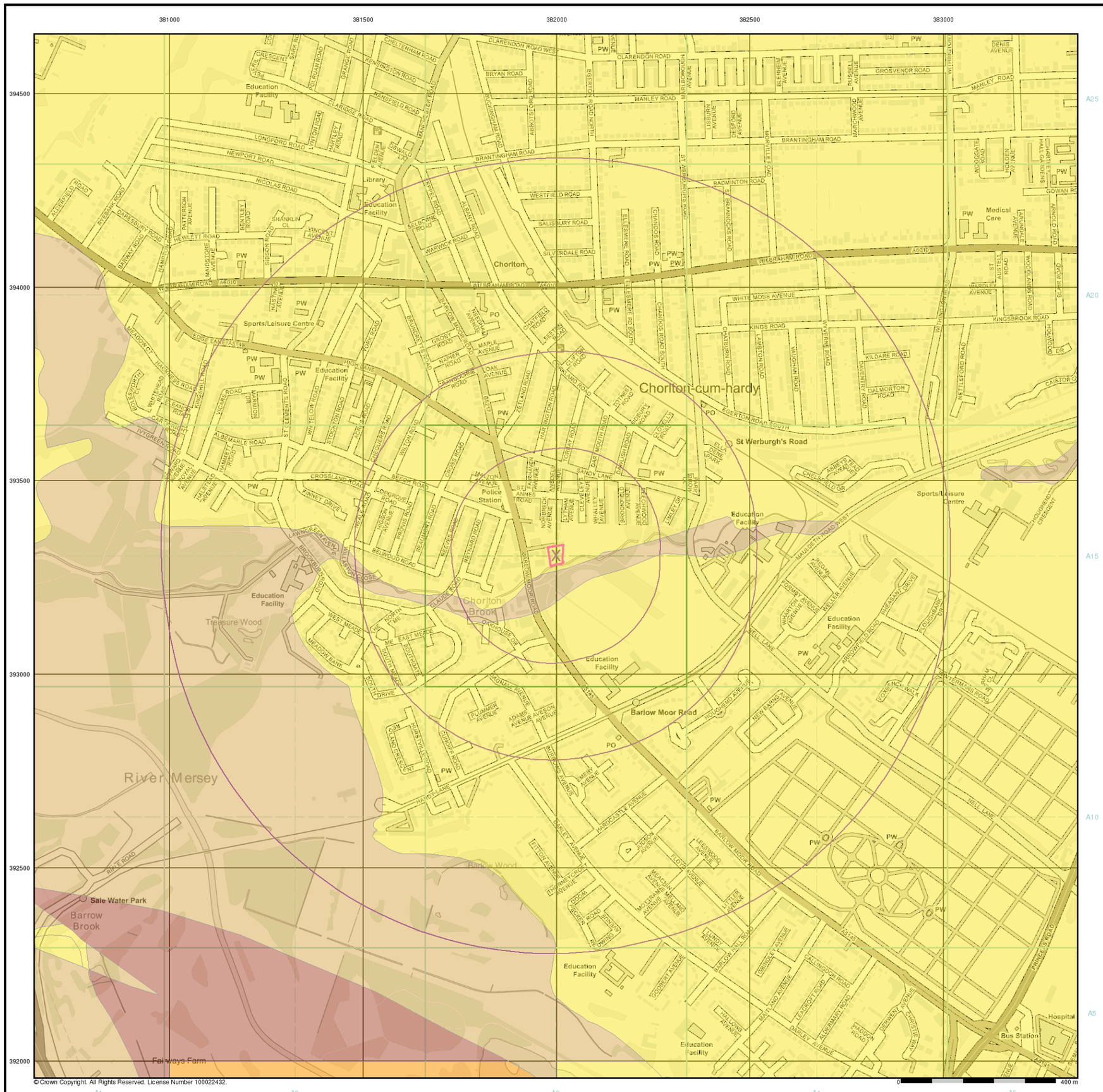
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Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
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LKC GROUP

General

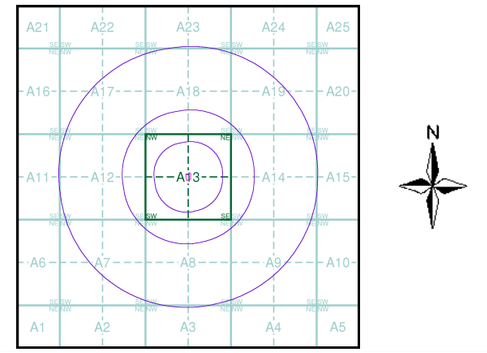
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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



Order Details

Order Details:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

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LKC GROUP

General

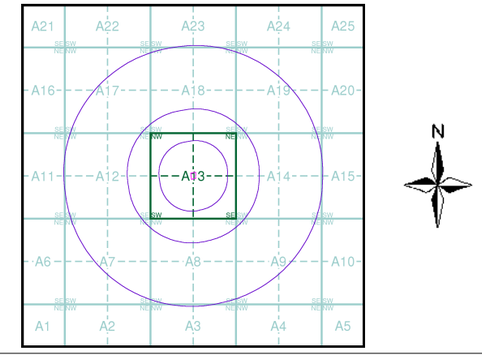
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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



Order Details

Order Details:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

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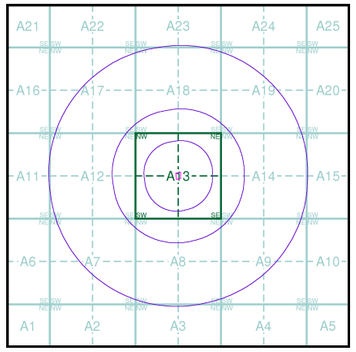
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
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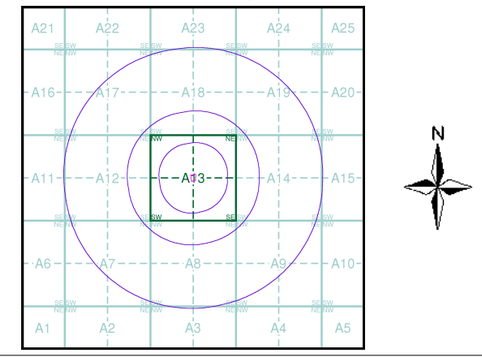
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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



Order Details

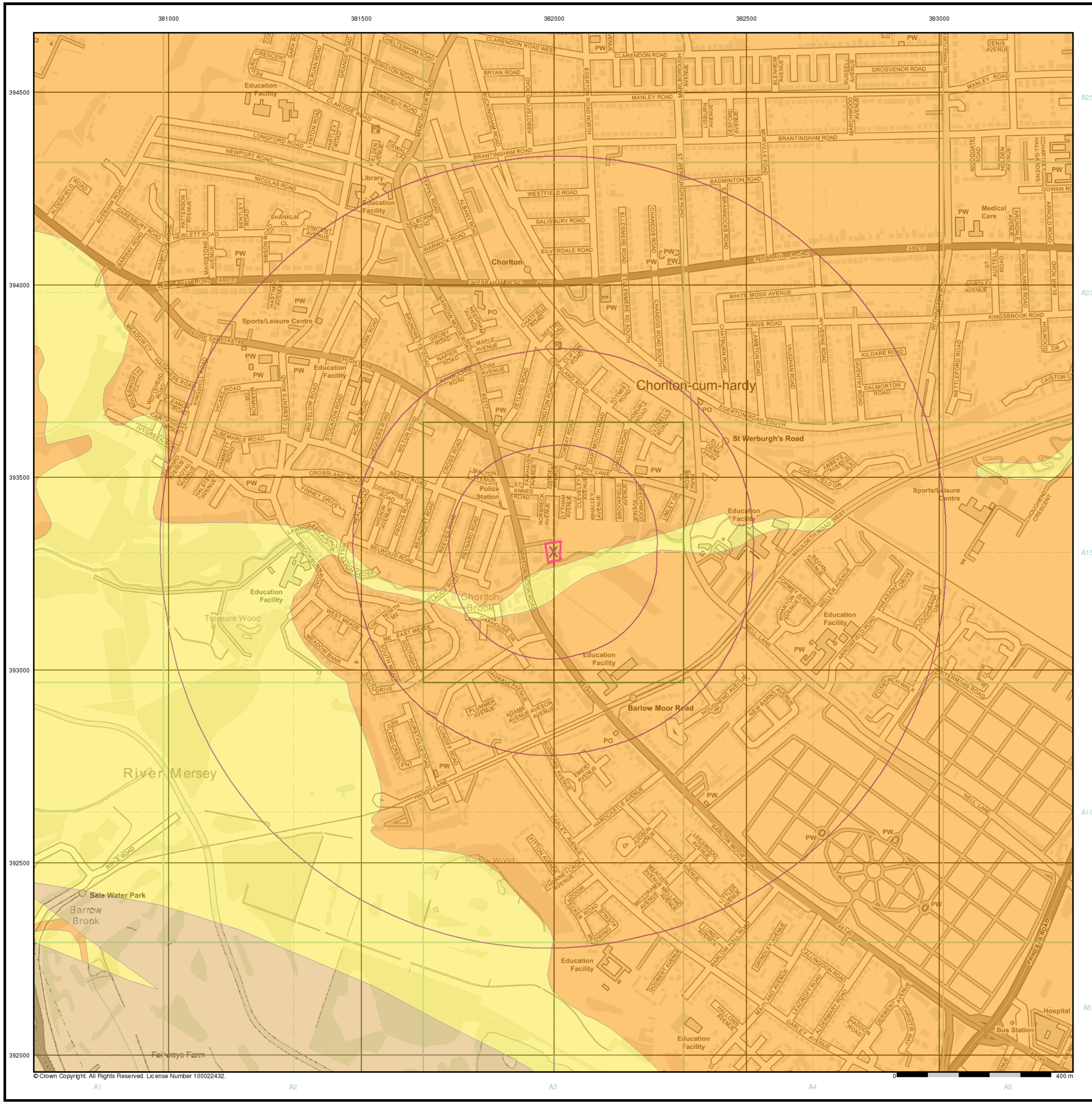
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Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
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General

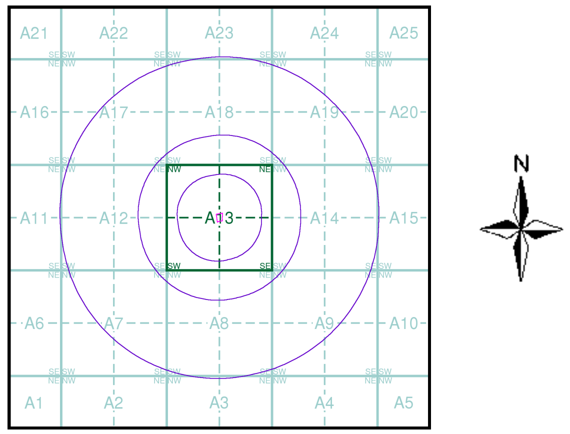
Specified Site   Specified Buffer(s)   X Bearing Reference Point

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



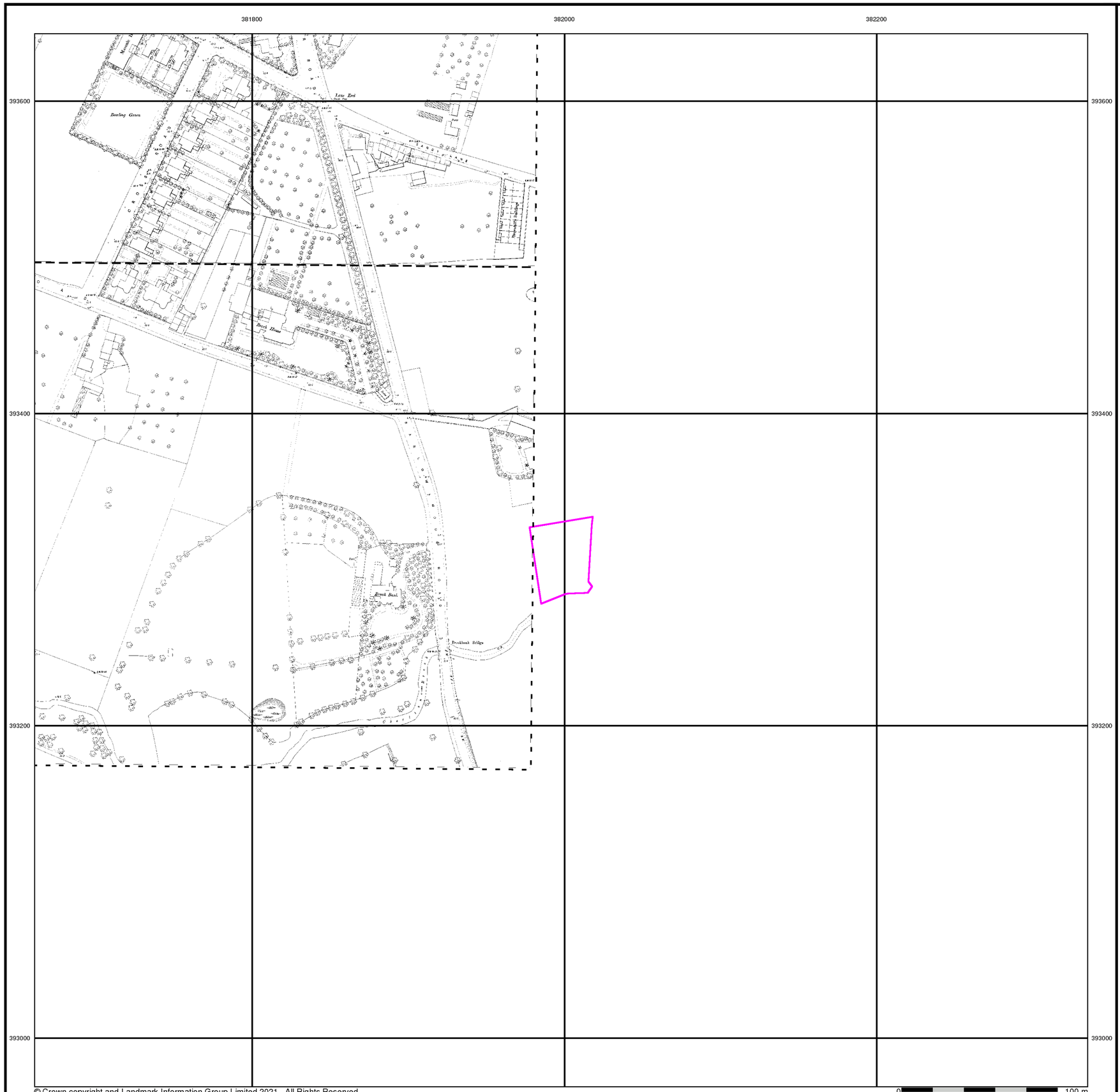
Order Details

Order Details: 288758637_1_1
Customer Ref: LKC 21 1785
National Grid Reference: 382000, 393310
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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0 100 m

LK GROUP

Lancashire And Furness

Published 1893

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.

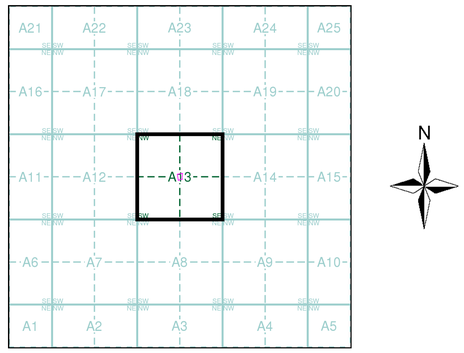
Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

111_01_025
1893
1:500

111_05_005
1893
1:500

Historical Town Plan - Segment A13



Order Details

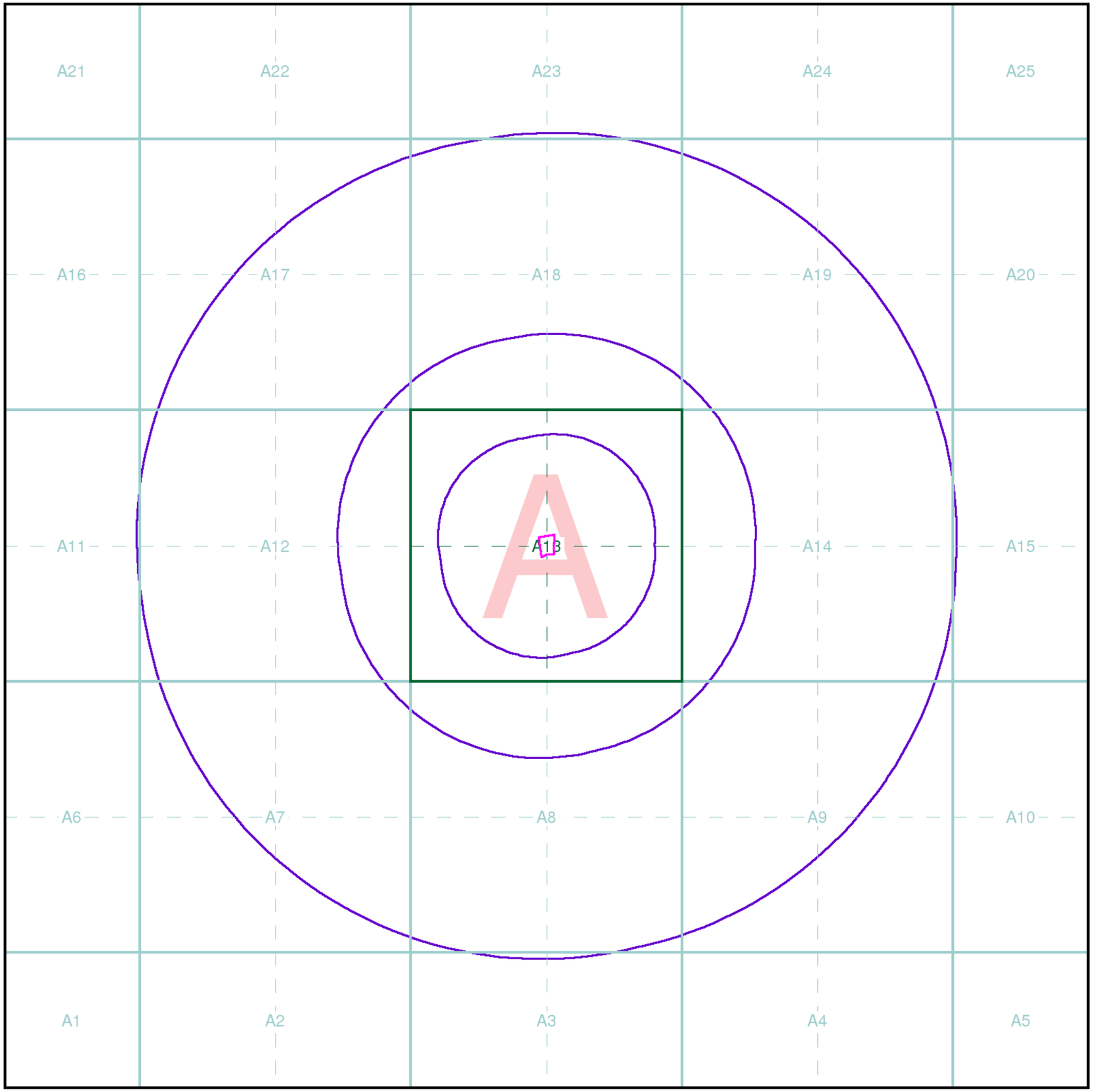
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Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	0

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Index Map

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

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

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

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

A selection of organisations who provide data within this report:

Envirocheck reports are compiled from 136 different sources of data.

Client Details

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

Order Details

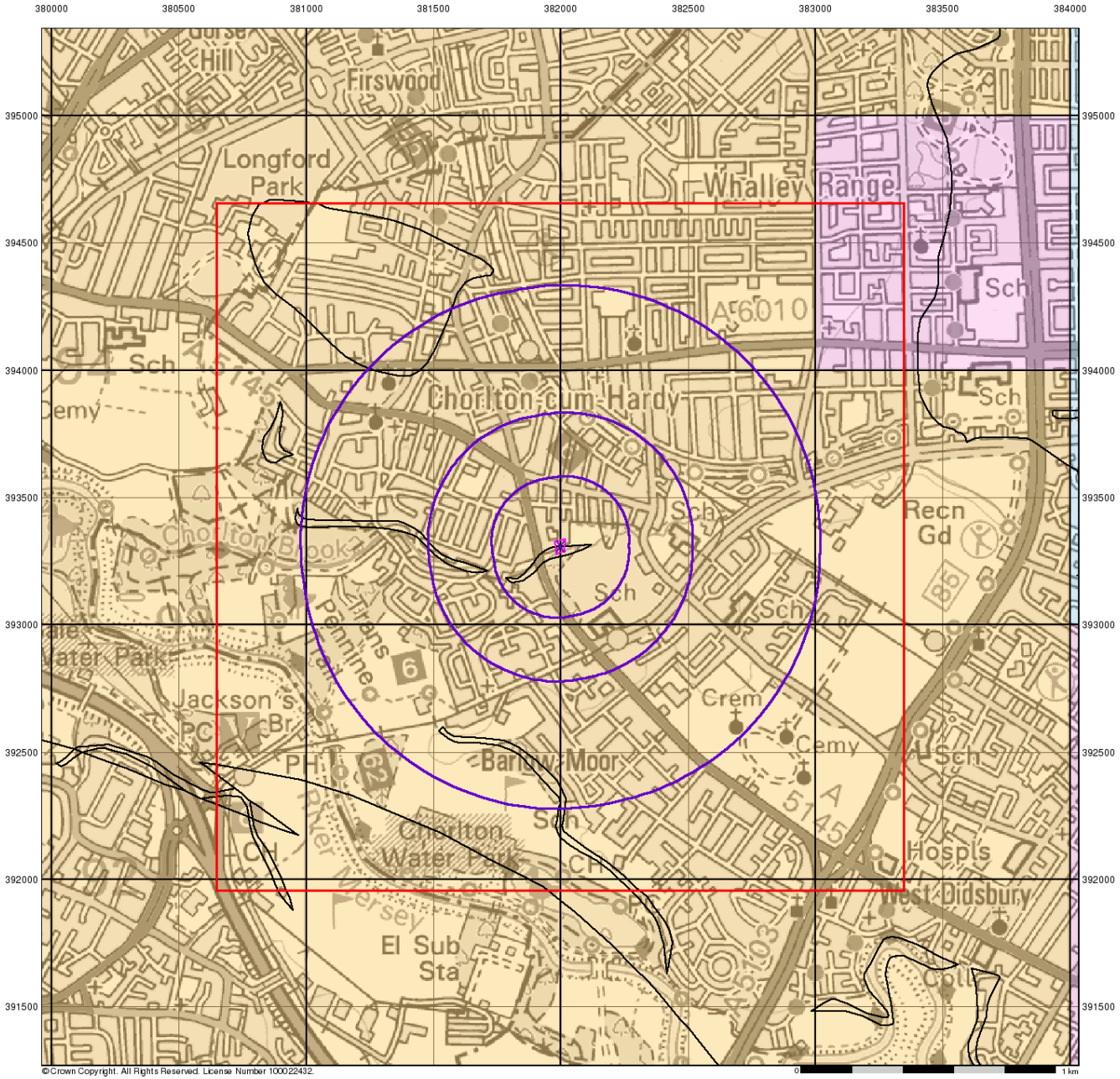
Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

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

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LK GROUP

Groundwater Vulnerability

General

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

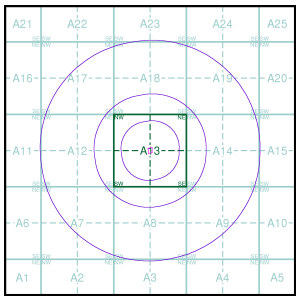
Agency and Hydrological

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

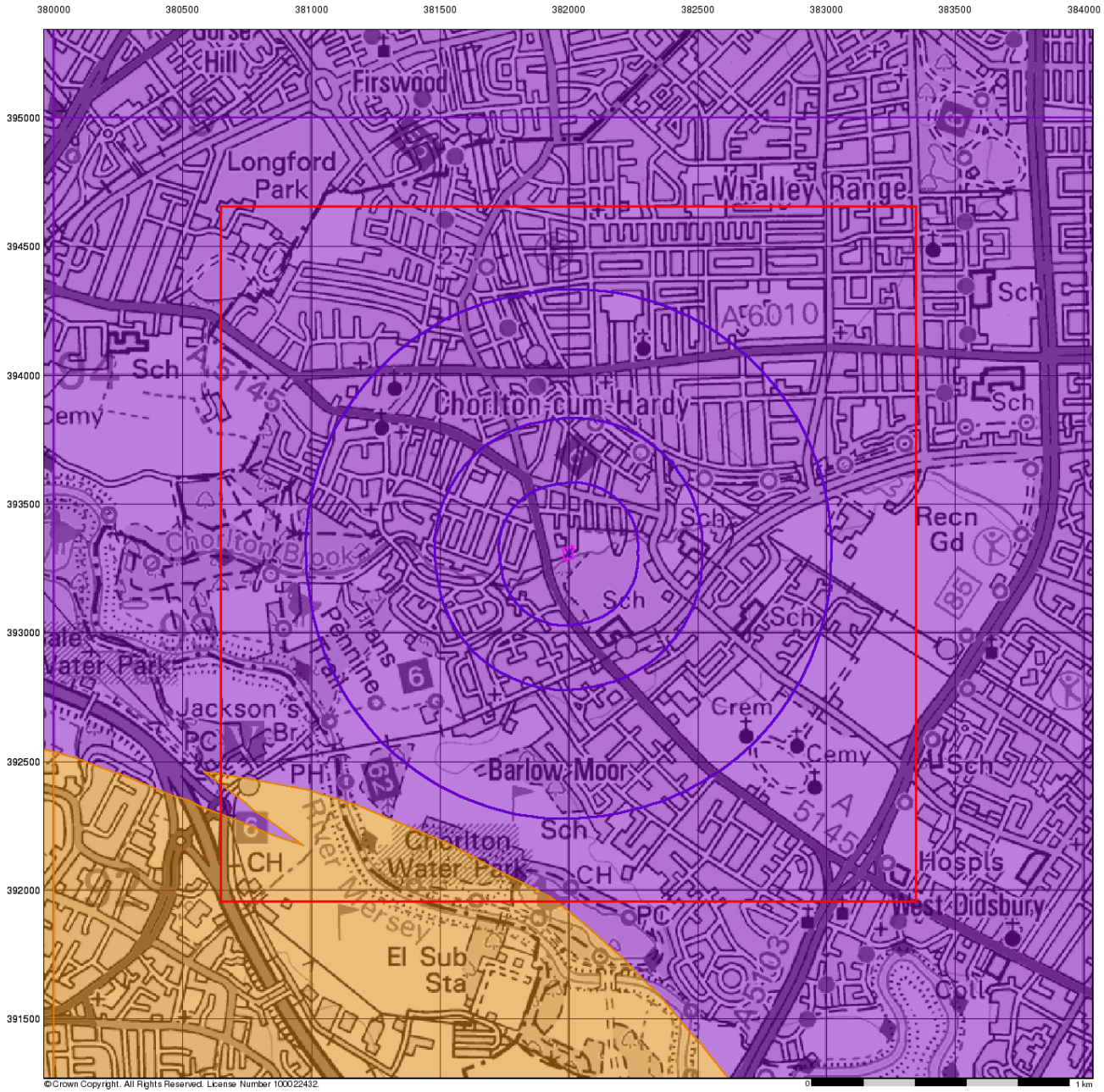
Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

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LK GROUP

Bedrock Aquifer Designation

General

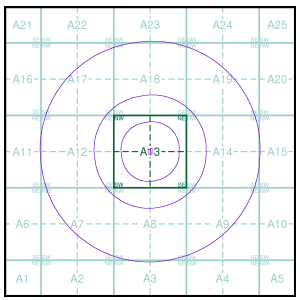
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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

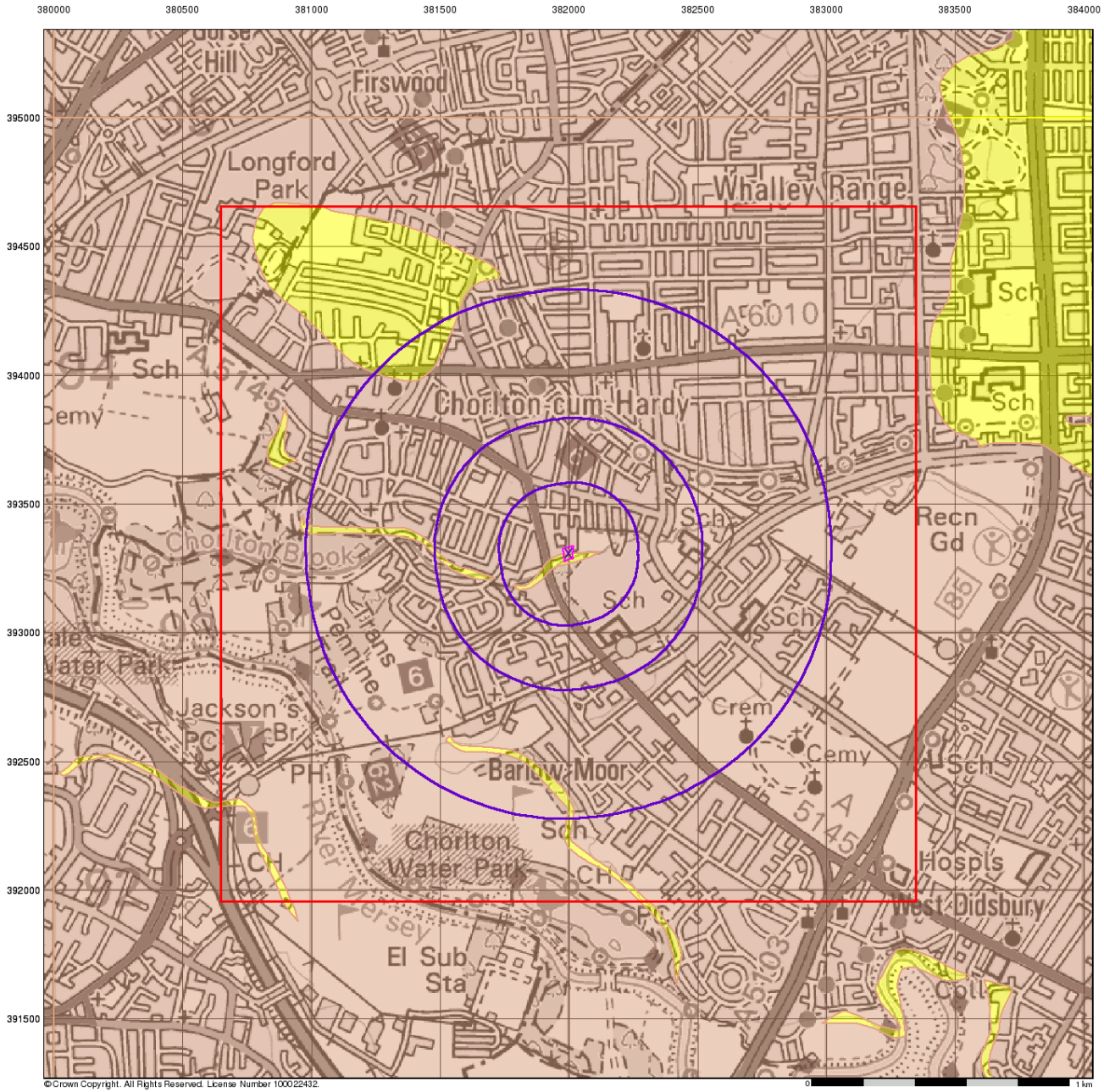


Order Details

Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

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LK GROUP

Superficial Aquifer Designation

General

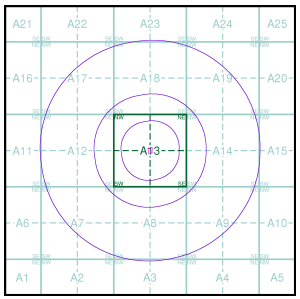
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



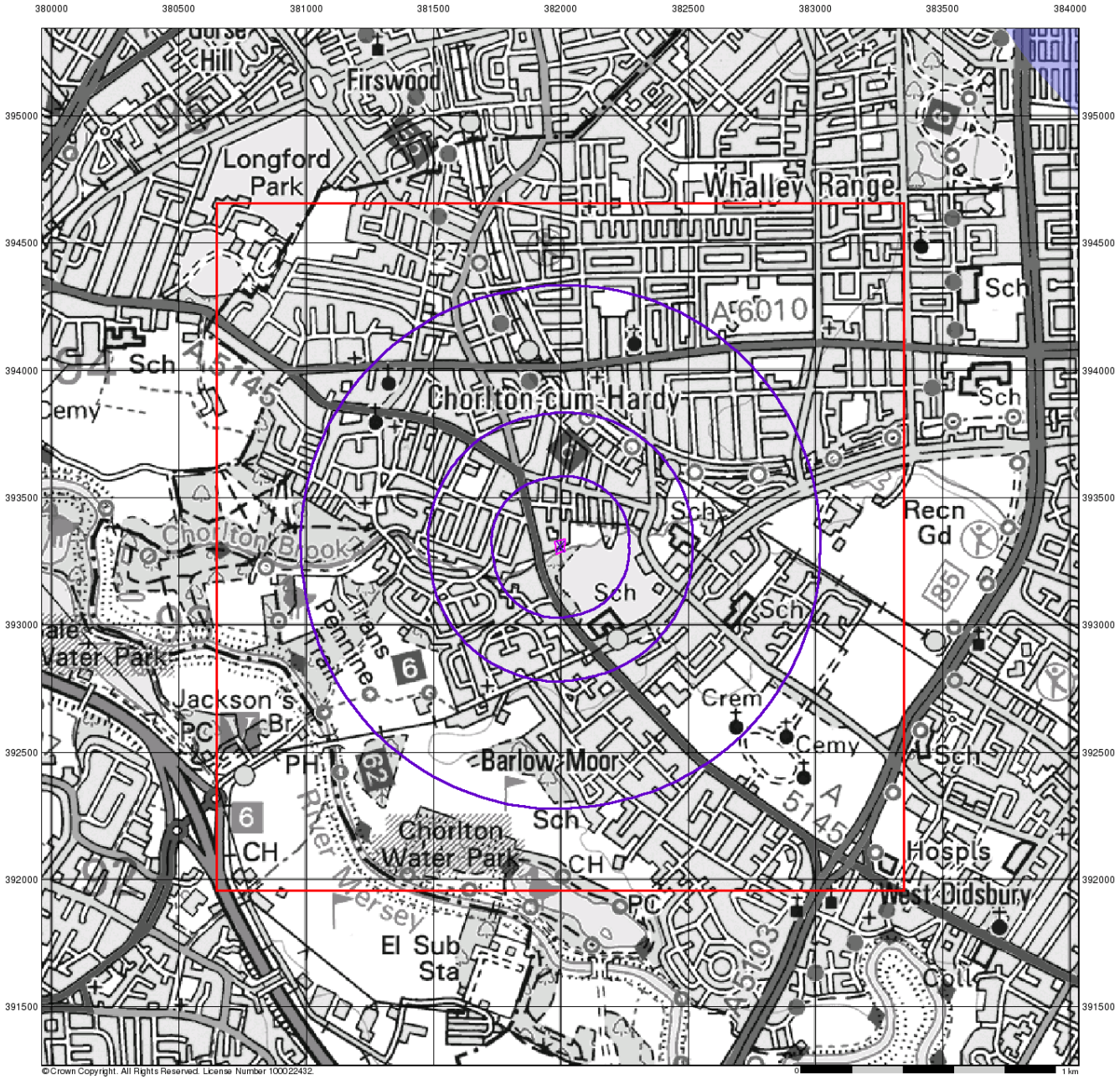
Order Details

Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

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LK GROUP

Source Protection Zones

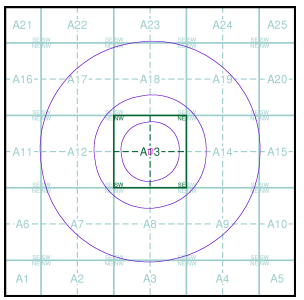
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A

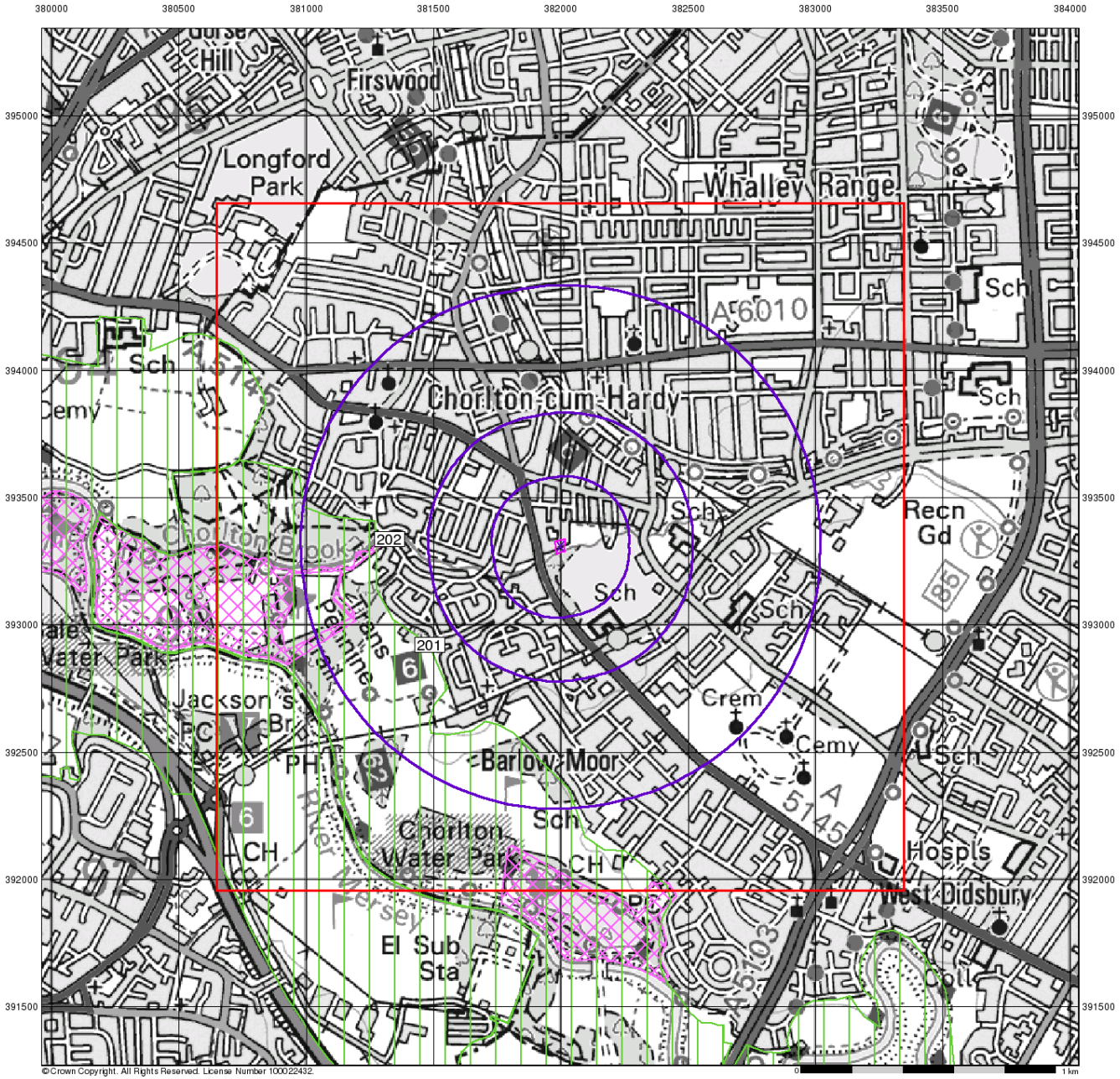


Order Details

Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

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LK GROUP

Sensitive Land Uses

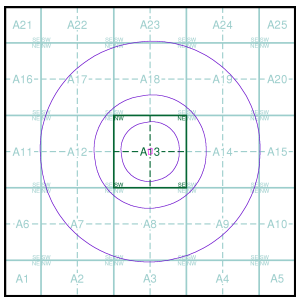
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A

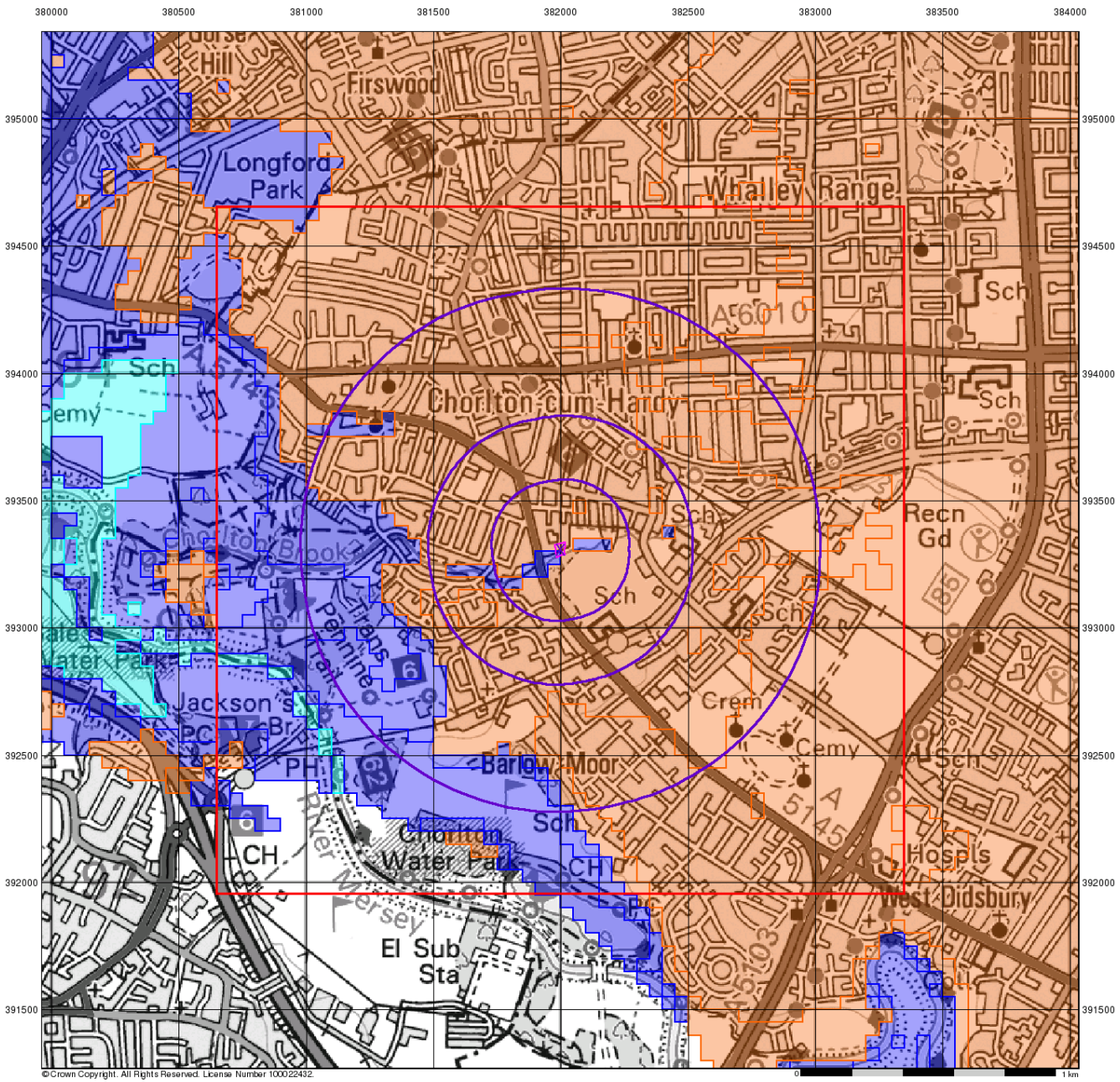


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Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

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LK GROUP

BGS Flood GFS Data

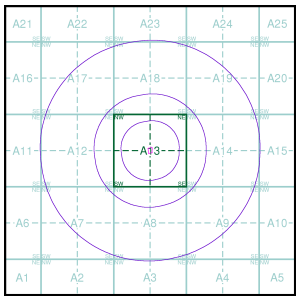
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	288758637_1_1
Customer Ref:	LKC 21 1785
National Grid Reference:	382000, 393310
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

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Appendix C

Historical BGS Boreholes

Status		Borehole No.
Draft 1	Norwest Holst Soil Engineering Ltd.	3
Date 11/02/93	BOREHOLE LOG - CABLE PERCUSSION	Sheet 1 of 1

SJ 89SW 384

Contract No.	F9638	Method	Mini Soils Survey	Coords.	8196 9326
Project	Chorlton Brook	Drilling Rig	Portable		
		Diameter	65mm	Ground Level	28.27
Client	National Rivers Authority			Orientation	Vertical
Consultant	Manstock			Date Started	08/12/92
				Date Completed	08/12/92

Description of Strata	Legend	Depth below G.L.	O.D. Level	Sampling			Casing Depth	() & "N"		Install -ation
TOPSOIL: Dark grey and brown sandy clay with some plastic and brick fragments.		0.16	28.11							
(Gradational Boundary) Loose brown slightly sandy gravelly clay with occasional ash, cinder fragment and an odour of oil.				D	1.00	1.60				
				S	1.20			"4"		
		1.70	26.57	D	1.60	2.20				
Very loose brown slightly clayey SAND with occasional gravel and ash and cinder fragments and an odour of oil.				S	1.80			"3"		
		2.20	26.07							
Very loose brown fine to medium SAND with occasional fine gravel.				D	2.20	3.00				
				S	2.40			"2"		
		3.00	25.27							
Borehole complete at 3.00m.										

REMARKS - See Header Sheet for:
Key to Symbols and abbreviations
Drilling Details, Progress and Water Strikes
General Notes

Form G112
Version 1.04
Revised 24.09.92

Appendix D

Zetica UXO Preliminary Risk Assessment and Risk Map

UNEXPLODED BOMB RISK MAP

zeticaUXO

SITE LOCATION

Map Centre: 382035,393309



LEGEND

- **High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- **Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- **Low:** Areas indicated as having 15 bombs per 1000acre or less.

miltary	**industry**	**UXO find**
transport	**dock**	**Luftwaffe targets**
utilities	**Bombing decoy**	**other**

How to use your Unexploded Bomb (UXB) risk map?

The map indicates the potential for Unexploded Bombs (UXB) to be present as a result of World War Two (WWII) bombing.

You can incorporate the map into your preliminary risk assessment* for potential Unexploded Ordnance (UXO) for a site. Using this map, you can make an informed decision as to whether more in-depth detailed risk assessment* is necessary.

What do I do if my site is in a moderate or high risk area?

Generally, we recommend that a detailed UXO desk study and risk assessment is undertaken for sites in a moderate or high UXB risk area.

Similarly, if your site is near to a designated Luftwaffe target or bombing decoy then additional detailed research is recommended.

More often than not, this further detailed research will conclude that the potential for a significant UXO hazard to be present on your site is actually low.

Never plan site work or undertake a risk assessment using these maps alone. More detail is required, particularly where there may be a source of UXO from other military operations which are not reflected on these maps.

If my site is in a low risk area, do I need to do anything?

If both the map and other research confirms that there is a low potential for UXO to be present on your site then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

A low risk really means that there is no greater probability of encountering UXO than anywhere else in the UK.

If you are unsure whether other sources of UXO may be present, you can ask for one of our **pre-desk study assessments (PDSA)**

If I have any questions, who do I contact?

tel: **+44 (0) 1993 886682**

email: **uxo@zetica.com**

web: **www.zeticauxo.com**

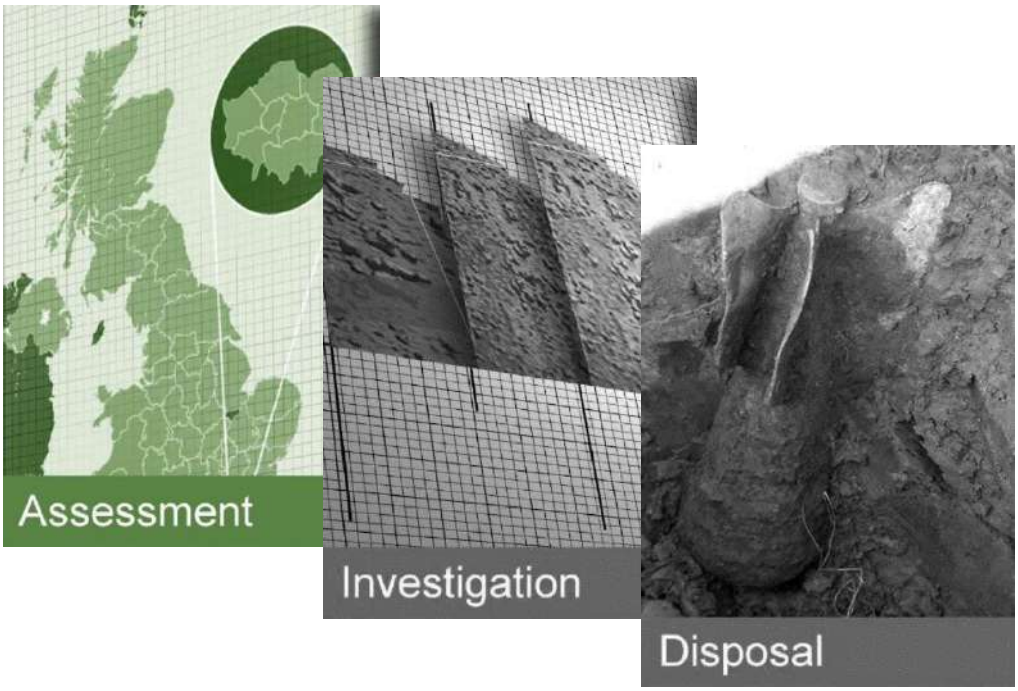
The information in this UXB risk map is derived from a number of sources and should be used in conjunction with the accompanying notes on our website: **(https://zeticauxo.com/downloads-and-resources/risk-maps/)**

Zetica cannot guarantee the accuracy or completeness of the information or data used and cannot accept any liability for any use of the maps. These maps can be used as part of a technical report or similar publication, subject to acknowledgment. The copyright remains with Zetica Ltd.

It is important to note that this map is not a UXO risk assessment and should not be reported as such when reproduced.

*Preliminary and detailed UXO risk assessments are advocated as good practice by industry guidance such as CIRIA C681 'Unexploded Ordnance (UXO), a guide for the construction industry'.

Proposal for an Unexploded Ordnance (UXO) Desk Study & Risk Assessment



Barlow Moor Road, Manchester

Proposal	**UXO Desk Study & Risk Assessment**
Project Location	**Barlow Moor Road, Manchester**
Client	**LK Group**
Contact	**Beth Ryder-Humphries**
Zetica Reference	**E11454-21**
Date	**23rd December 2021**

Introduction

Zetica's pre-desk study assessment has identified some potentially significant World War Two (WWII) bombing in close proximity to the Site (see Appendix).

To address the potential Unexploded Ordnance (UXO) hazard, the next stage is for a detailed desk study & risk assessment to be undertaken, a proposal for which follows.

Zetica's desk study will provide a thorough understanding of any potential UXO hazards associated with the proposed site works.

If a significant hazard is identified, our report will provide options to proactively and economically address the hazard.

The Site

The Site comprises an ~0.2ha area off Barlow Moor Road, Greater Manchester.

Figure 1 is a Client-provided Site location plan.



Figure 1 – Site location plan

UXO Desk Study & Risk Assessment

The key document for managing any site that has the potential for UXO to be present is a detailed desk study & risk assessment. This should provide a thorough understanding of the potential UXO hazard and guidance to ensure that any future works go ahead safely.

Aims

The UXO desk study will provide a site specific assessment to:-

- Zone the UXO hazard level across the Site.
- Provide a risk assessment for future site activities.
- Provide a choice of risk mitigation measures (as appropriate).

Further detail on how Zetica will complete this process is provided below:-

Research

Our assessment will rely on original, detailed research that conforms with (and exceeds) the requirements of the Construction Industry Research and Information Association (CIRIA) guidance C681 'Unexploded Ordnance (UXO), a guide for the construction industry'.

Corroborative Information – We endeavour to compile information from several different sources in order to provide a high degree of confidence in our conclusions, from which we can make appropriate recommendations. Such tenacity is crucial for properly understanding the potential UXO hazard on a site. This additional research is almost always undertaken at **no additional cost** to the Client.

Original Research - Zetica is aware that new sources of information pertaining to historic military activity are constantly being released and therefore we do not place reliance on any past projects or studies, or on our existing databases alone. We will always undertake original research.

We will not stop researching simply because we have identified a potential source of UXO hazard. We will endeavour to understand whether the hazard provides a significant risk to the proposed works on the site and whether any other hazards are present.

Officially Abandoned Bombs – Zetica holds the UK's list of officially abandoned bombs from World War Two (WWII), as originally maintained by the Ministry of Defence. We would consult this to ensure that any known Unexploded Bombs (UXB) that may impact the Site are mapped.

Sources of Information – The precise list of sources of information consulted will be provided within the final report. For this project, we would expect to gain records from the National Archives, local authority archives and other repositories. We will also use published materials to include historical maps, historical society publications, aerial photographs, geotechnical desk studies, peer-reviewed books and archaeological assessments.

Through these sources Zetica will at a minimum obtain the following site-specific information:-

- Historical aerial photography for the Site covering a range of dates and scales.
- Records of WWI and WWII bombing locations in the vicinity of the Site.
- Details of military airfields, firing ranges, munitions factories, aircraft crashes, military training areas and other potential UXO hazard sources in the vicinity of the Site.
- Records of officially abandoned bombs on the Site.
- Records of post-WWII Explosive Ordnance Clearance (EOC) tasks on the Site.

Deliverables

Throughout the research period, we will provide regular updates on the sources of UXO hazard we have identified and where appropriate a tentative risk estimation will be included in these summaries.

Zetica's formal report will include:-

- A comprehensive factual account of the activities that may provide a source of UXO hazard.
- A plan of UXO hazard zones (AutoCAD/GIS where base plan is provided).
- Risk assessment of the identified UXO hazards in the context of the site conditions, proposed works on the Site and your risk tolerance.

Our reports are written to be accessible and comprehensible to a wide target audience.

They provide background information for those not familiar with UXO hazards, whilst the site-specific information is clearly segregated for those who are familiar with UXO hazards and do not need to read the background information.

Figure 2 is an example extract of a typical Zetica UXO hazard zone plan for a site. It clearly delineates the low, moderate and high hazard zones and uses icons to inform you of the potential UXO hazards in each area.

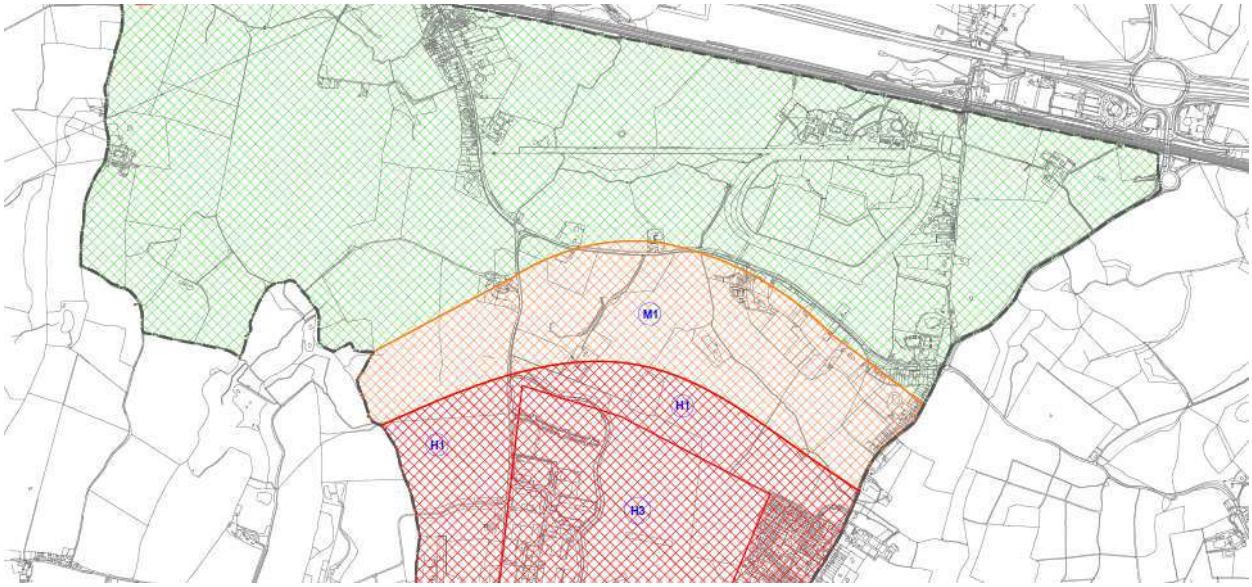


Figure 2 – Example extract from a Zetica UXO hazard zone plan

Experience

Established in 1991, Zetica remains the largest independent company of its type and probably the UK's most trusted UXO specialist. Characterised by highly qualified, uniquely experienced and competent staff, Zetica provides its clients with one of the most positive, pragmatic, solution-providing teams found in the UXO industry.

Zetica's dedicated risk assessment team combines the experience of staff with backgrounds in historical research, engineering geology, geotechnical engineering, site investigation, UXO detection, Explosive Ordnance Disposal (EOD) and other related disciplines, such that any recommended risk mitigation is provided with practical knowledge behind it.

We have been involved in some of the largest and most prestigious UXO assessments in the UK, including each phase of HS2, the UK's first New Town for 30 years, the Lower Thames Crossing Scheme, Heathrow third runway and the London Olympics site. This has given us considerable experience on how to communicate the potentially emotive issue of UXO to a wide range of people in various organisations, from the general public to technical staff.

Last year we undertook more than **1,700No.** preliminary risk assessments, from which more than **300No.** detailed UXO risk assessments were commissioned and completed.

Of these detailed risk assessments, due to our tenacity to delve into the detail with respect to the UXO hazard, more than **80%** concluded a low UXO hazard level for the site.

Price

UXO Desk Study & Risk Assessment	
Price	**£1,450**
Conditions	This proposal is valid for 3 months and all prices exclude VAT. Subject to Zetica terms and conditions for low cost works or a review of the Client's professional services agreement. Note that for any new customer, Zetica will request payment upfront as part of our due diligence. Any future work would then be invoiced on 30 day payment terms.
Base Mapping	Provision of geo-referenced GIS shapefiles/AutoCAD tiles with your instruction will help to ensure that the zoning of the UXO hazard level on the Site will overlay your own plans (if required).
Programme	Enquiries will be placed immediately on receipt of a written instruction. After 5No. working days Zetica will provide a summary of progress including a preliminary UXO hazard assessment. The formal report would then follow after a further 5No. working days. Note that Zetica will be closed between the 24th December 2021 and the 4th January 2022. Zetica is reliant on government agencies such as the MoD and so sometimes this programme may vary. A final delivery will be agreed on award of contract.
Ordering	By written instruction, order or by signing and return of this proposal.
Your name	
Your signature or order No.	
Your position	
Your contact details	☎
	🖷
Further information	If you require further information please contact us by one of the methods detailed below.
Contacts	☎ 01993 886682
	🖷 uxo@zetica.com

Appendix: Pre-Desk Study Assessment

zeticauxo

Pre-Desk Study Assessment

Site:	302b Barlow Moor Road, Chorlton-cum-Hardy, Greater Manchester
Client:	The LK Group
Contact:	Joseph Walker
Date:	22nd December 2021
Pre-WWI Military Activity on or Affecting the Site	None identified.
WWI Military Activity on or Affecting the Site	None identified.
WWI Strategic Targets (within 5km of Site)	The following strategic targets were located in the vicinity of the Site: • Salford Docks and Manchester Ship Canal. • Transport infrastructure and public utilities. • Industries important to the war effort, including munitions factories, aircraft manufacturing, and metal, chemical, and engineering works. • Military barracks. • Royal Air Force (RAF) Alexandra Park. • Anti-Aircraft (AA) guns.
WWI Bombing	None identified on the Site.
Interwar Military Activity on or Affecting the Site	None identified.
WWII Military Activity on or Affecting the Site	None identified.
WWII Strategic Targets (within 5km of Site)	The following strategic targets were located in the vicinity of the Site: • Salford Docks and Manchester Ship Canal. • Transport infrastructure and public utilities. • Industries important to the war effort, including munitions factories, aircraft manufacturing, and metal, chemical, and engineering works. • Military barracks. • AA defences.
WWII Bombing Decoys (within 5km of Site)	None.
WWII Bombing	During WWII the Site was located in the County Borough (CB) of Manchester, which officially recorded 737No. High Explosive (HE) bombs with a bombing density of 27.0 bombs per 405 hectares (ha). The Manchester area was heavily bombed between the 22nd and 24th December 1940 (the 'Manchester Blitz'). Over 400No. HE bombs and more than 30,000 Incendiary Bombs (IBs) fell across the region. Readily available records have been found to indicate that several HE bombs fell in close proximity to the Site.

Post-WWII Military Activity on or Affecting the Site	None identified.
Recommendation	It is recommended that a detailed desk study is commissioned to assess, and potentially zone, the Unexploded Ordnance (UXO) hazard level on the Site.
Further information	For information about Zetica's detailed UXO desk studies and other UXO services, please visit our website: www.zeticauxo.com. Details and downloadable resources covering the most common sources of UXO hazard affecting sites in the UK can be found **here**. If you have any further queries, please don't hesitate to get in contact with us at uxo@zetica.com or 01993 886 682.

This summary is based on a cursory review of readily available records. Caution is advised if you plan to action work based on this summary.

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

Guidance

Zetica leads the UK UXO industry in providing guidance for best practice and has produced a dedicated UXO handbook (see inset), a free copy of which is provided with every UXO commission.



Further guidance is available on our UXO-dedicated website.

www.zeticauxo.com

These resources are provided free of charge and include the following:-

UXO Risk Assessment Best Practice Paper – a best practice discussion paper which offers developers an insight into some of the most important considerations when addressing the UXO risk on a site.

UK Bomb Risk Maps – we have designed a mapping tool that allows you to download a site-specific Unexploded Bomb (UXB) map for any location in the UK. As cited in the CIRIA guidance, these are an important source of information that can be used by both the UXO specialist and non-UXO specialist to assist in understanding whether a site is in an area that may have a significant UXB hazard due to WWII bombing.

The maps also provide guidance on the next phases of UXO risk assessment, including the requirement to assess the potential for other sources of UXO hazard on your site.

UXB Probability Calculator – this is a web-based application designed to quantify the risk of detonating a UXB based on possible bomb numbers, bomb type and size of site in relation to your proposed works. Based on these inputs the probability of detonation is automatically provided on the top slider bar.

UXB Depth Calculator – this is a web-based application designed to model bomb penetration depths based on geological input information. By selecting the size of bomb you anticipate, it provides guidance on the likely maximum bomb penetration (i.e. how deep you may find UXB).

UXO Frequently Asked Questions – we provide a simple FAQ sheet designed to counter the misconceptions and scaremongering which often surrounds issues relating to UXO.

Statistical UXO Risk Assessment – this peer-reviewed technical paper summarises Zetica's formalised statistical approach to assessing the UXO risk using a rigorous method including Monte Carlo modelling to approximate solutions to real-life.

Limits of Detection Guidance – we offer a range of resources including articles and technical papers on understanding the limits of detection for UXO. This is a critical issue in the UXO industry and few UXO specialists actually understand that site conditions will adversely affect the ability to detect UXO.

UXO Awareness Posters – these can be downloaded from our website and can be used on a site safety notice board to provide guidance once a potential UXO has been found. They include contact telephone numbers for further advice.

Ordnance data sheets – Details for typical ordnance types commonly found in the UK.

Data sheets for sources of UXO – Background information for sites that might provide a source of UXO (e.g. military airfields and munitions factories).

Established for over 30 years, Zetica's services include

- Desk studies
- Unexploded ordnance risk assessments and risk mitigation
- Utility services detection
- Environmental and engineering geophysical surveys
- Transport infrastructure surveys
- Archaeological surveys
- Pipeline & cable route surveys
- Intrusive ground investigations

More details are available at

www.zetica.com

Appendix E

Risk Evaluation

Risk Evaluation

The method for risk evaluation is a qualitative method of interpreting the output from the risk estimation stage of the assessment, based on CIRIA 552[14]. It involves the classification of the:

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

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

Table A: Classification of consequence.

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

Table B: Classification of probability.

[14] CIRIA (2001). "Contaminated Land Risk Assessment: A Guide to Good Practice". C552.

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

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

Table C: Comparison of consequence against probability.

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

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

Table D: Description of the classification and likely action required.

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

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

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

Based across the UK with offices in Manchester, London, Liverpool and Glasgow.

Manchester (Head Office)
Unit 29,
Eton Business Park
Eton Hill Rd, Radcliffe
M26 2ZS

t: 0161 763 7200
e: info@thelkgroup.com

London
2 Falcon Gate
Welwyn Garden City
Hertfordshire
AL7 1TW

t: 01707 909059
e: info@thelkgroup.com

Glasgow
Wright Business Centre
1 Lonmay Road
Glasgow
G33 4EL

t: 0141 773 6269
e: info@thelkgroup.com

Liverpool
The Corn Exchange
Fenwick Street
Liverpool
L2 7QL

t: 0151 235 8716
e: info@thelkgroup.com

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- Land Remediation
- Project Management
- Land Drilling