

182 BURNAGE LANE,
MANCHESTER

PHASE 1:
PRELIMINARY RISK ASSESSMENT

Job Number: LKC 23 1116
Date: 4th August 2023
Client: Better Properties



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Drawing No. DA190009.6.004 Proposed GA Plans

Appendices

Appendix A: Historical Maps

Appendix B: Envirocheck Report

Appendix C: Zetica UXO Unexploded Bomb Risk Map

Appendix D: Risk Evaluation

1 Introduction

LK Consult Ltd (LKC) has been commissioned to carry out a Phase 1 Preliminary Risk Assessment (PRA) for 182 Burnage Lane, Manchester.

In accordance with current guidance (including LCRM¹ 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.

Site Location	Northwest of the intersection between Mauldeth Road and Burnage Lane, Manchester. Centred at approximate National Grid Reference 386740E, 392910W.
Approximate Area	900m ² .
Topography	50 metres Above Ordnance Datum (AOD). Site is approximately level.
Current Site Use	Derelict building, William Hill betting store and associated hardstood ground.
Purpose of Report	Pre-planning.
Proposed Development	Mixed use development with no presumed soft landscaping: Shops on the ground floor with apartments on the first and second floor.

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 domain maps / 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	
Commercial Buildings	SE	1894	Current	Annotated 'Post Office' until 1923 mapping. Expanded E in 1907 mapping. Buildings cover the whole site from 1934 mapping. Undefined building until 1990 mapping.

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	
Dahlia Farm	16	SE	1894	1923	No longer present in 1934 mapping.
Watercourse	133	N	1848	Present	Flows W. Partly culverted to the E from 1934 mapping.
Ponds	143	E	1848	1848	No longer present from 1893 mapping.
	160	W	1848	1848	No longer present from 1893 mapping.
	193	SE	1893	1923	No longer present in 1934 mapping.
	208	NE	1848	1923	No longer present in 1934 mapping.
	231	NE	1848	1894	No longer present in 1907 mapping.

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

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	Artificial	- No BGS recorded artificial.
	Superficial	- Devensian Till (diamicton).
	Bedrock	- Manchester Marls Formation (mudstone). - Collyhurst Sandstone Formation (sandstone) only in NE corner of site.
	BGS Logs (<50m)	- None.
Hydro-geology ¹	Aquifer Designation	- Superficial
		- Bedrock
	Source Protection Zone (SPZ)	- Site not within an SPZ.
	Groundwater Abstractions (100m)	- 66m S, Industrial; Commercial and Public Services: Laundry Use.
Hydrology ¹	Surface Water Courses (100m)	- None.
	Flooding Risk	- Flood Zone 1.
	Surface Water Abstractions (100m)	- None.
	Discharge Consents (onsite)	- None.
	Pollution Incidents (onsite)	- None.
Minerals & Mining ^{1,2}	Coal Mining	- Not 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	- No Hazard.
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.
Landfill Sites (250m) ¹	Known / Registered	- None.
	Potentially Infilled Land (non-water and water), based on Envirocheck Report	- 5no. features: 169m W, 189m NE, 206m Se, 221m NE, and 229m E.
	Potentially infilled sites, based on LKC historical review	- 5no. features: See Table 2-2.

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 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
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		- None.
Fuel Station Entries (50m) ¹		- None.
Unexploded Ordnance Risk (UXO)	Zetica Risk Map ³	- Bomb Risk: Moderate. - Strategic Targets: None identified within 100m
	Pre-Desk Study Assessment	- Zetica were contacted in an email dated 17 th July 2023 in regard to the moderate UXO risk and it was recommended that a detailed desk study should be undertaken without an initial PDSA given the site is located in an area of significant World War Two bombing density.

Table 3-1 (continued): 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).

3 Zetica UXO Unexploded Bomb Risk Map (Appendix C).

4 Site Reconnaissance

A site reconnaissance was carried out on 21st July 2023. Relevant features identified on site are summarised below:

- The site is predominantly hardstood with the exposed ground on the west and northwest sides of the perimeter comprising of tarmacadam in good condition. Damage was noted to tarmacadam in southwest corner of site on the left side of the 3.5m wide access gate.
- The site comprises of a low brick built units with roller shutter doors in the west, a tarmacadam yard in the centre with waste storage / electrical units located in the central north, and a series of smaller commercial units with shop frontages along Mauldeth Road and Burnage Lane in the east.
- Suspected ACM lagging was identified around a damaged down pipe in the northeast corner of the building.
- Cars were parked around and on the site. No leaks or spills were noted.
- A vacant and dilapidated building was noted in the north of the site. Signs of instability were noted around the buildings in the north and west of the site, including: cement between bricks eroded and missing bricks prominent in northwest corner of building; cracks and weeds noted in some of the lower bricks on the west side of the building; change in brick cover on second story of the building around windows; and, replaced lintels around windows and doors. Anecdotal evidence suggests that an internal upper floor had collapsed.
- The site was relatively flat and no significant slopes were noted on or offsite.
- Small amounts of fly tipping were present on the western, southern and eastern boundaries of the site.
- An overhead electricity line was noted in the northwest of site and numerous services were noted in the pavement along the main roads and along the access road.

The surrounding area comprises:

- Residential housing to the west.
- A one stop newsagents connected to the north of site.
- Mauldeth Road and The Victoria Inn pub to the south of site.
- Burnage Lane and commercial buildings to the east.

Relevant photographs are provided in Plate 4-1.

	
Photograph 1: View of SW site entrance facing N. Note damaged tarmacadam on left side of gate and overhead powerline.	Photograph 2: View of NW corner of building facing S. Note cars parked beneath canopy on building.
	
Photograph 3: View of E side of site facing W. Note derelict buildings and fly tipping.	Photograph 4: View of interior derelict building in the NE of site. Note damaged ceiling and walls.

Plate 4-1: Site photographs.

Relevant features are also shown on Plate 4-2.



Plate 4-2: Plan showing relevant site walkover features.

5 Preliminary Contamination Conceptual Site 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 LCRM³, 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 site.	- Assuming predominantly reworked natural soils with possible demolition rubble, ash and clinker: Asbestos, heavy metals, sulphates, PAHs⁴. - Not expected to be a significant source of gas given anticipated depth and nature of Made Ground.
Commercial building	- Assuming a boiler house is / has been present: Petroleum hydrocarbons (fuel / oils) and heavy metals, sulphates, PAHs⁵ (waste ash and clinker). - Demolished buildings: ACM. - Car parking areas: Possible petroleum hydrocarbons. Assuming hardstood surface and no signs of spills / leaks on the site surface: No significant contamination source anticipated.
Surrounding Area	
Surrounding area	- No significant contamination sources within influencing distance of the site.
Underlying Geology	
Radon Affected Area	- <1% of homes above Action Level. No protective measures are necessary in the construction of new dwellings or extensions. - No further consideration required.
Superficial / Bedrock	- Devensian Till (Diamicton) over Manchester Marls Formation (Mudstone) and the Collyhurst Sandstone Formation (sandstone). - No significant contamination sources identified.

Table 5-1: Potential contamination sources.

5.3 Potential Receptors

Potential receptors are detailed in Table 5-2.

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.

Receptors	
Human Health	- Future site users (including residents, visitors and site workers). - Offsite land users.
Controlled Waters	- No surface water within influencing distance. - Secondary Undifferentiated Aquifer (Superficial). - Secondary B and Principal Aquifers (Bedrock).
Buildings.	
Potable water pipes.	

Table 5-2: Potential receptors.

5.4 Potential Pathways

Potential pathways are detailed in Table 5-3.

Pathways		
Soil	Human Health ⁶ (commercial / residential land use)	- Inhalation of vapours outside. - Inhalation of vapours inside. - Omitted: 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, ingestion of contaminated home-grown produce and ingestion of soil attached to home-grown produce.
		- Windblown dust and fibres to adjacent receptors.
		- Direct contact with receptors (services).
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) likely to be low permeability. - Bedrock (mudstone) likely to be low permeability. - Bedrock (sandstone, NE only) likely to be high permeability, - No preferential pathways are anticipated.
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 Site Model (PCCSM) is illustrated in Table 5-4 and has identified four 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 C552⁷.

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 D.

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 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.

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.

Due to the minor consequence associated with the phytotoxic effect to flora (i.e. loss of plants in a landscaping scheme), the overall risk for the majority of sites will be very low to low. Where soils contain significant concentrations of heavy metals, in general there will other pollutant linkages (i.e. the risk to human health) that will trigger the requirement for remediation (e.g. a clean environmental cover system). As such the risk to flora associated with phytotoxic contaminants will not be considered further.

The risk to buildings associated with elevated sulphate will be considered as part of the geotechnical assessment and will not be included in the contamination risk assessment.

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 guidance⁸) 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	- No viable pathways (dermal inhalation, ingestion).	- Future site users. - Offsite receptors.	- ACM. - Heavy metals. - PAHs. - Petroleum hydrocarbons.	-	-	-	No viable human health pathways as no soft landscaping. No pollutant linkage therefore no further assessment required.
2	- Inhalation of vapours. - Migration via permeable strata and preferential pathways.	- Future site users. - Offsite receptors.	Volatile contaminants: - Naphthalene. - Petroleum hydrocarbons.	Low Likelihood (given site history, site conditions and proposed end use)	Medium	Low	Watching brief during groundworks. 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.	Hazardous gas: - Carbon dioxide. - Methane.	Unlikely (given limited gas source and limited pathway)	Severe	Moderate / Low (low risk as no significant source identified)	Intrusive investigation to confirm ground conditions. If significant gas source and pathway identified, gas monitoring or gas protection measures required.
4	- Surface run-off. - Migration via permeable strata and preferential pathways. - Perched waters migration.	- Groundwater (Secondary Undifferentiated & Secondary B Aquifers).	Mobile contaminants: - Heavy metals. - PAHs. - Hydrocarbons.	Low Likelihood (only minimal mobile contamination anticipated with limited pathway)	Medium	Low	Watching brief during groundworks.
5	- Ingestion of tainted water supply.	- Future site users. - Water pipes.	Organic contaminants - Petroleum hydrocarbons - Naphthalene.	Low Likelihood (although some contamination may be present, significant contamination not expected at pipeline depth)	Medium	Moderate / Low (moderate risk assumed until ground conditions confirmed)	Low density intrusive investigation required. Soil analysis of CoC, subject to ground conditions encountered.

Table 5-4: Preliminary Contamination Conceptual Site 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. Possible in-ground structures from previous developments.
Superficial	Unknown strength of soils for foundation design.
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.
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	Derelict building, William Hill betting store and associated hardstood ground.
Proposed Development	Mixed use development with no soft landscaping: Shops on the ground floor with apartments on the first and second floor.
Main Historical Features	Onsite: Commercial Building. Surrounding Area: Dahlia Farm, Watercourse, Ponds.
Geology / Hydrogeology	Artificial: No BGS recorded artificial. Superficial: Devensian Till (Diamicton). Secondary Undifferentiated Aquifer. Bedrock: Manchester Marls Formation (mudstone), Collyhurst Sandstone Formation (sandstone). Secondary B Aquifer.
Landfills / Infilled ground	No recorded landfills. Potentially infilled ground identified.
Site walkover	A site reconnaissance was carried out on 21 st July 2023, the site was noted to be predominantly hardstood with tarmacadam in relatively good condition. Heavily damaged building and roof with possible ACM in the east of the site.

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

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

Pollutant Linkage	Risk	Recommendations
PL1: No viable pathways (dermal inhalation, ingestion).	-	No viable human health pathways as no soft landscaping. No pollutant linkage therefore no further assessment required.
PL2: Volatile contaminants posing a risk to future site users via the inhalation of vapours.	Low	Watching brief during groundworks. Soil analysis of CoC, subject to ground conditions encountered and PID testing.
PL3: Gas (carbon dioxide and methane) posing a risk to buildings and future site users via the migration of gas into building causing explosion and asphyxiation.	Moderate / Low	Intrusive investigation to confirm ground conditions. If significant gas source and pathway identified, gas monitoring or gas protection measures required.
PL4: Mobile contamination posing a risk to controlled waters via the migration through permeable strata.	Low	Watching brief during groundworks.
PL5: Organic contaminants posing a risk to water pipes.	Moderate / Low	Low density 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.

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.
Made Ground	Unknown depth and constituent of made ground across the site.
Superficial	Unknown strength of soils for foundation design.
Bedrock	Unknown depth to bedrock.
Groundwater	Unknown depth and variability of groundwater.
Plasticity	Plasticity of clay deposits 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.
PL1	No further assessment required.
PL 2, 5	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 or gas protection measures required.
PL4	Watching brief during groundworks.
Reporting	Information from the above can be used to carry out a contamination and geotechnical assessment and provide a remediation strategy for the site.

Table 7-4: Recommendations.

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.

Further Considerations are summarised in Table 7-5.

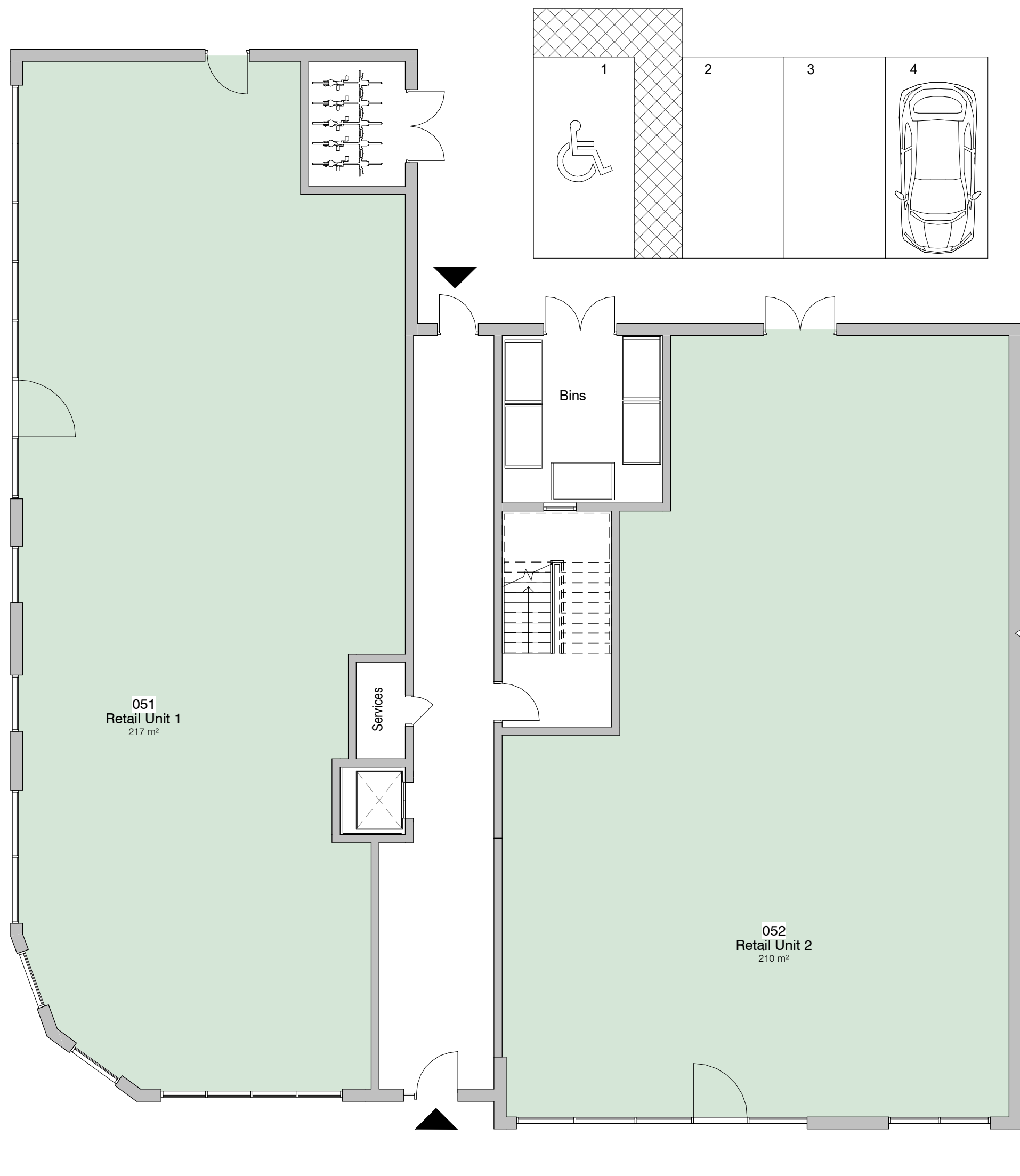
Unexploded Ordnance	A moderate risk from unexploded ordnance (UXO) has been identified. It is recommended that a detailed UXO desk study is carried out to confirm the risk. The detailed desk study will confirm if any special precautions need to be considered before any intrusive work is carried out.
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Table 7-5: Further considerations.

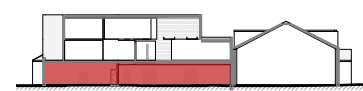
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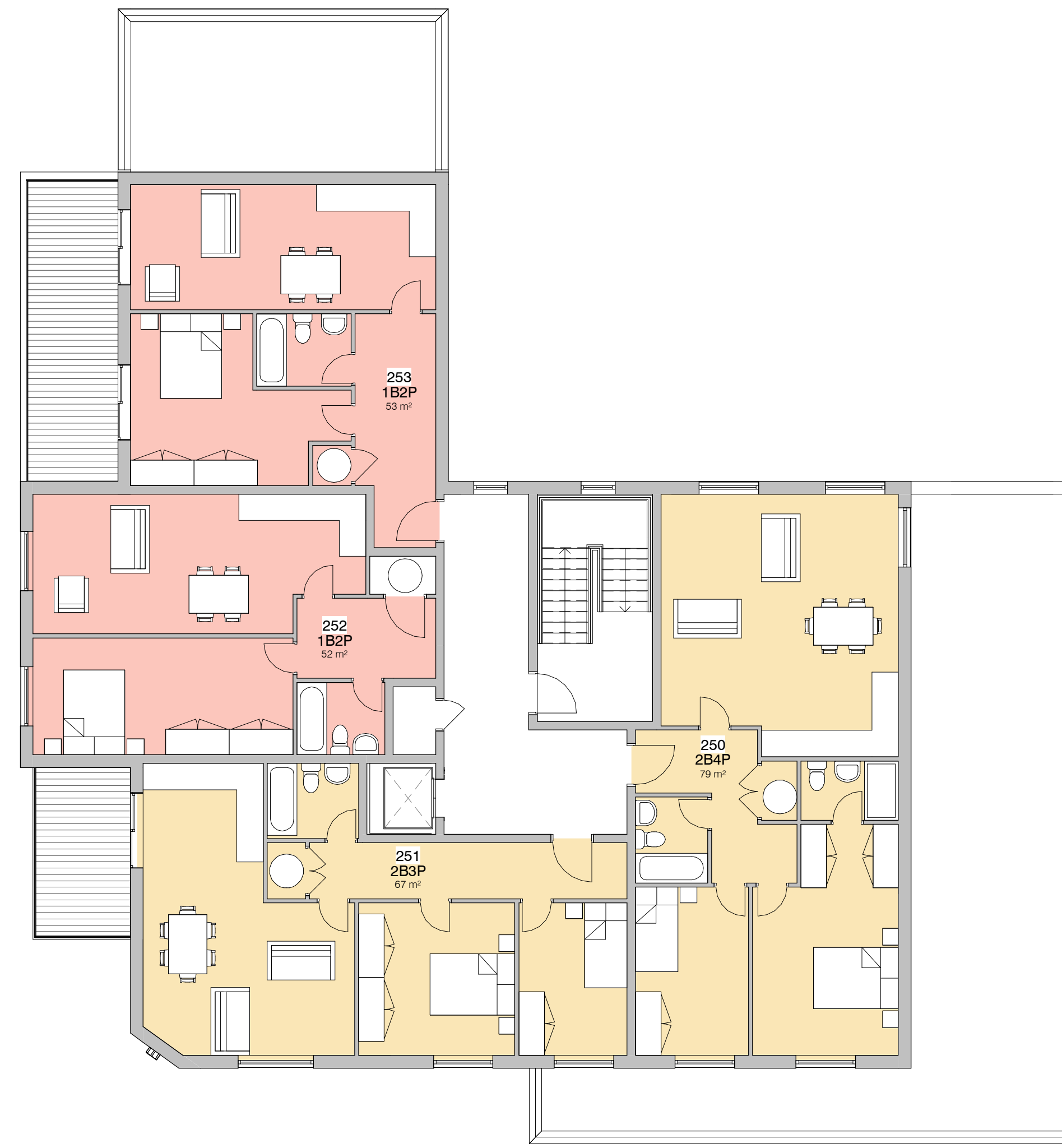
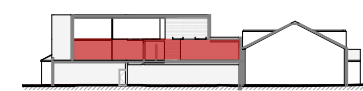
Client: Better Properties				Title: Site Location & Boundary Plan		
Site: 182 Burnage Lane, Manchester				Scale (see scale bar): 1:15,000 & 1:1000 @ A4		
Job No.: LKC 23 1116	Drawn By: AE	Checked By: EK	Drawn: Jul 2023	Figure: 1	Revision:	



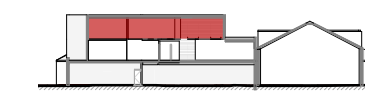
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1 : 100



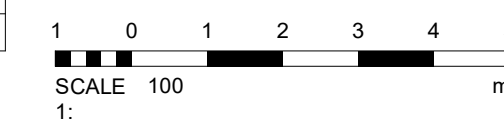
2 Level 1 - GA Proposed - Detail
1 : 100



3 Level 2 - GA Proposed - Detail
1 : 100



Schedule - Room - Proposed			
Level	Number	Name	Area
LEVEL 0	051	Retail Unit 1	217 m²
LEVEL 0	052	Retail Unit 2	210 m²
LEVEL 1	151	2B3P	69 m²
LEVEL 1	152	3B5P	94 m²
LEVEL 1	153	1B2P	53 m²
LEVEL 1	154	1B2P	56 m²
LEVEL 1	155	2B4P	81 m²
LEVEL 2	250	2B4P	79 m²
LEVEL 2	251	2B3P	67 m²
LEVEL 2	252	1B2P	52 m²
LEVEL 2	253	1B2P	53 m²
11			1030 m²



PROJECT	SCALE & A1	DATE	BY	DATE
Burnage Lane	As indicated	02 March 2023	PY	
CLIENT	STATUS	PROJECT NO.	DRAWING NO.	REV.
Better Properties	PLANNING	DA19009.6.	004.	
TITLE	NOTES			
Proposed GA Plans	DISCLAIMER: ALL RIGHTS RESERVED. THIS DRAWING MUST NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. ALL OWNERSHIP AND INTELLECTUAL PROPERTY RIGHTS ARE RESERVED BY THE ARCHITECT. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE BUILDING. THE ARCHITECT IS NOT RESPONSIBLE FOR ANY OTHER ASPECTS OF THE PROJECT. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE BUILDING. THE ARCHITECT IS NOT RESPONSIBLE FOR ANY OTHER ASPECTS OF THE PROJECT.			



Appendix A

Historical Maps

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

	Grassy		Gravelly		Gully Pt.
	Clay Pt.		Shrub		Tennis Leap
	Stacking Masonry				Flat Rock
	Marsh		Heets		Ostlers
	Rough Pasture		Lunze		Wood
	Meadow		Freshwater		Orchard
	Fence		Fence		Stepping Stones
	Bridgeway		Waterfall		Dike
	Ingr. Station		Altitude at Ingr. Station		
	Band-Hack		Surface road		
	Arched bridge over water		Antiquities (site of)		
	Culling		Embankment		
	Railway crossing Road		Level Crossing		Road crossing Railway
	Railway crossing Over or Canal		Road over single main		Road over River or Cana
-----	County Boundary (Geographical)				
- - - - -	County & Civil Parish Boundary				
+ + + + +	Administrative County & Civil Parish Boundary				
o o o o o	County Borough Boundary (England)				
o o o o o	County Borough Boundary (Scotland)				
A.P. B.R.	Boundary Between Town	B.C.B.	Pole-Cut Box		
B.A.	Bye Road	E	Point		
S.P.	Electricity Pole	S.P.	Signal Post		
F.B.	Foot Bridge	S.	Stream		
F.P.	Foot Path	S.S.	Spring		
G.P.	Grade Above Level	S.W.	Telephone Call Box		
N.D.	No Name	T.	Trench		
M.F.M.	Mountain Fossil Point	W	Well		

	Invasive Clinging Climber Plant Climber		Acute Quaternary Climb Plant Climber
	Rocks		Fossils
	Cave		Slopes
	Roofed Building		Glassed Roof Building
	Sloping Highway		Archway
	Non-Coniferous Tree (not surveyed)		Coniferous Tree (not surveyed)
	Cypress Tree		Beech
	Cypress Tree		Oak
	Rough Ground		Hedge
	Direction of water flow		Rough Mark
	Cave Entrance		Triangular Marker
	Declivity Transmission Line		Electricity Pylon
	County Boundary (Geographical)		County & Civil Parish Boundary
	Civil Parish Boundary		Adjoin County to County Boundary
	London Through Junction		Symmetrical junction where boundary meets junction
A-Z B-C C-D D-E E-F F-G G-H H-I I-J J-K K-L L-M M-N N-O O-P P-Q Q-R R-S S-T T-U U-V V-W W-X X-Y Y-Z Z-A A-B B-C C-D D-E E-F F-G G-H H-I I-J J-K K-L L-M M-N N-O O-P P-Q Q-R R-S S-T T-U U-V V-W W-X X-Y Y-Z Z-A A-B B-C C-D D-E E-F F-G G-H H-I I-J J-K K-L L-M M-N N-O O-P P-Q Q-R R-S S-T T-U U-V V-W W-X X-Y Y-Z Z-A A-B B-C C-D D-E E-F F-G G-H H-I I-J J-K K-L L-M M-N N-O O-P P-Q Q-R R-S S-T T-U U-V V-W W-X X-Y Y-Z Z-A A-B B-C C-D D-E E-F F-G G-H H-I I-J J-K K-L L-M M-N N-O O-P P-Q Q-R R-S S-T T-U U-V V-W W-X X-Y Y-Z Z-A A-B B-C C-D D-E E-F F-G G-H H-I I-J J-K K-L L-M M-N N-O O-P P-Q Q-R R-S S-T T-U U-V V-W W-X X-Y Y-Z Z-A A-B B-C C-D D-E E-F F-G G-H H-I I-J J-K K-L L-M M-N N-O O-P P-Q Q-R R-S S-T T-U U-V V-W W-X X-Y Y-Z Z-A A-B B-C C-D D-E E-F F-G G-H H-I I-J J-K K-L L-M M-N N-O O-P P-Q Q-R R-S S-T T-U U-V V-W W-X X-Y Y-Z Z-A A-B B-C C-D D-E E-F F-G G-H H-I I-J J-K K-L L-M M-N N-O O-P P-Q Q-R R-S S-T T-U U-V V-W W-X X-Y Y-Z Z-A A-B B-C C-D D-E E-F F-G G-H H-I I-J J-K K-L L-M M-N N-O O-P P-Q Q-R R-S S-T T-U U-V V-W W-X X-Y Y-Z Z-A A-B B-C C-D D-E E-F F-G G-H H-I I-J J-K K-L L-M M-N N-O O-P P-Q Q-R R-S S-T T-U U-V V-W W-X X-Y Y-Z Z-A A-B B-C C-D D-E E-F F-G G-H H-I I-J J-K K-L L-M M-N			

[illegible]

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893 - 1894	2
Lancashire And Furness	1:2,500	1907	3
Lancashire And Furness	1:2,500	1922	4
Lancashire And Furness	1:2,500	1934	5
Ordnance Survey Plan	1:2,500	1958 - 1959	6
Ordnance Survey Plan	1:1,250	1958	7
Ordnance Survey Plan	1:1,250	1975	8
Additional SIMs	1:1,250	1984 - 1992	9
Additional SIMs	1:1,250	1987 - 1990	10
Large-Scale National Grid Data	1:1,250	1992	11
Large-Scale National Grid Data	1:1,250	1996	12
Historical Aerial Photography	1:2,500	2000	13

The figure shows a 5x5 grid of nodes labeled A01 to A25. The nodes are arranged in rows and columns. A central node A12 is highlighted with a thick black square. A dashed line connects A12 to A13, A11, A10, and A9, representing the shortest path from A12 to A09.

Order Number: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

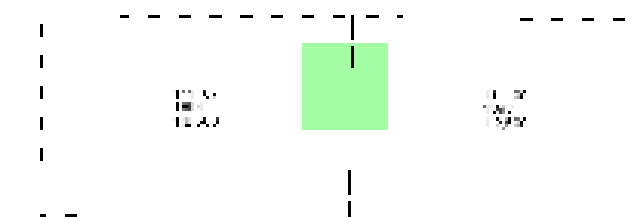
182, Burnage Lane, Manchester, M19 1EF

Published 1893 - 1894

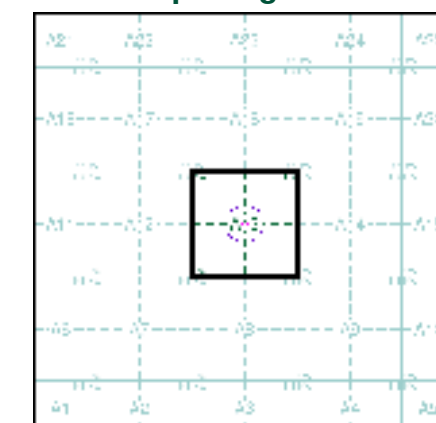
Source map scale - 1:2,500

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

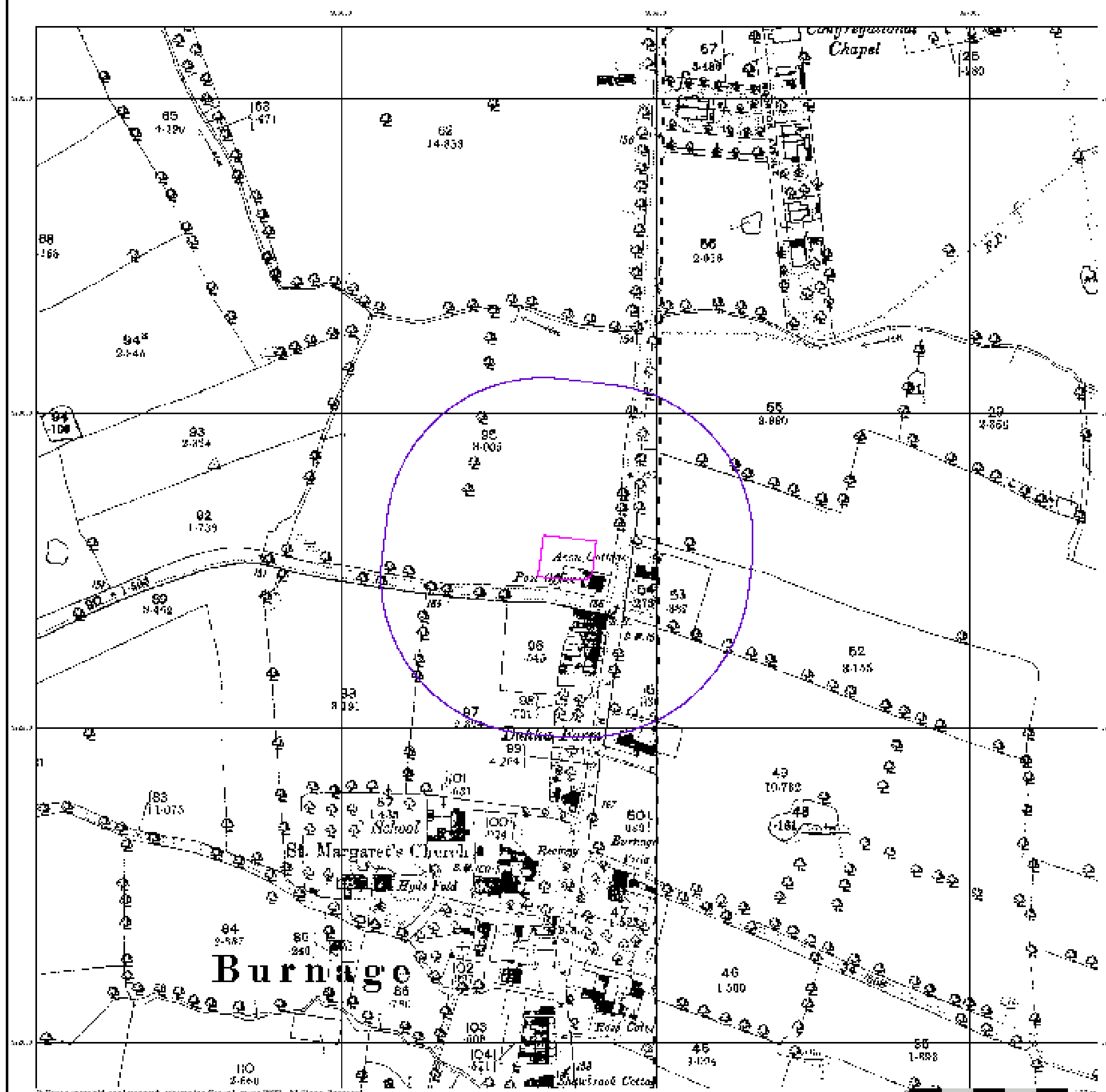


Order Details

Order Number: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

182, Burnage Lane, Manchester, M19 1EF

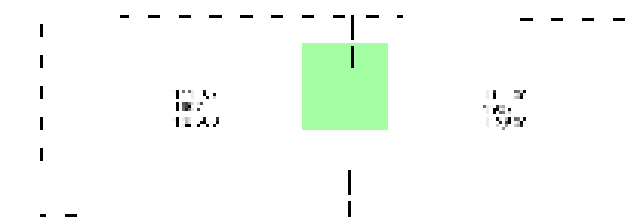


Published 1907

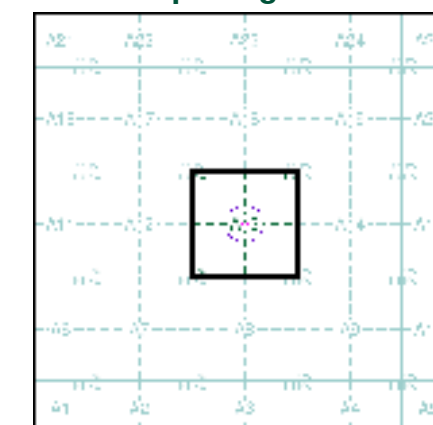
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

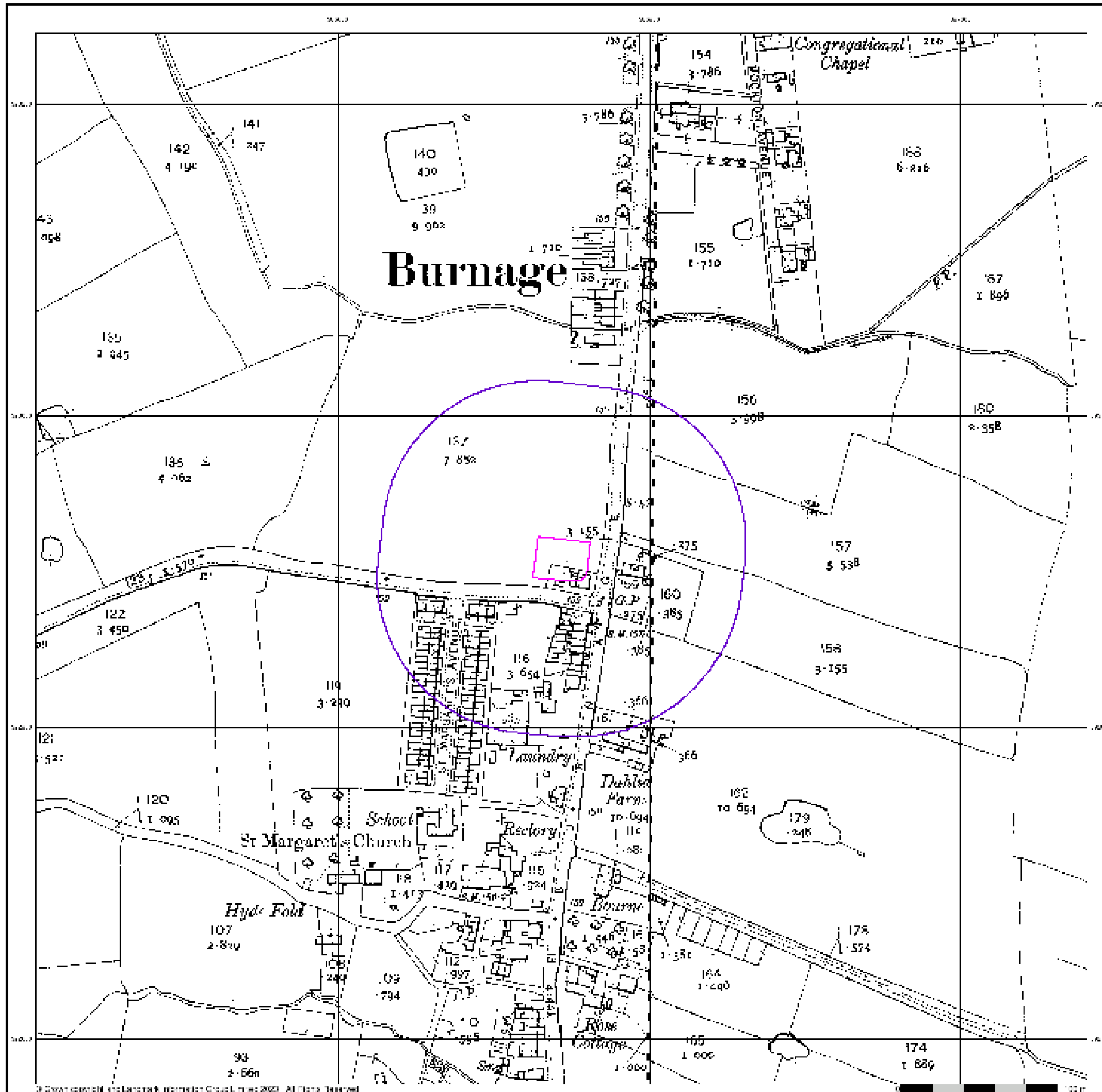


Order Details

Order Number: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

182, Burnage Lane, Manchester, M19 1EF

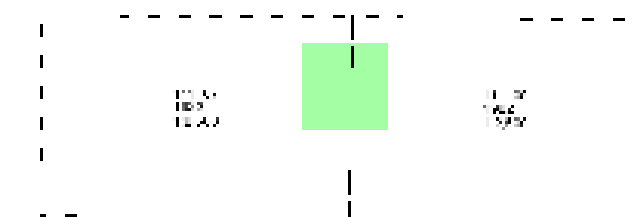


Published 1922

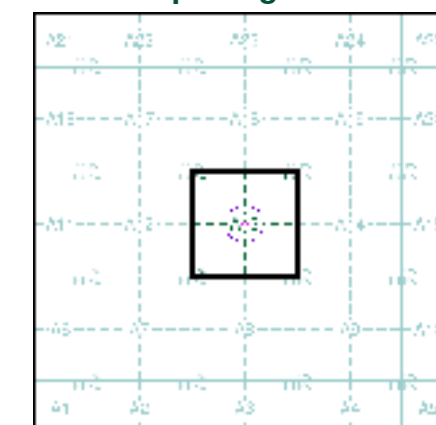
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

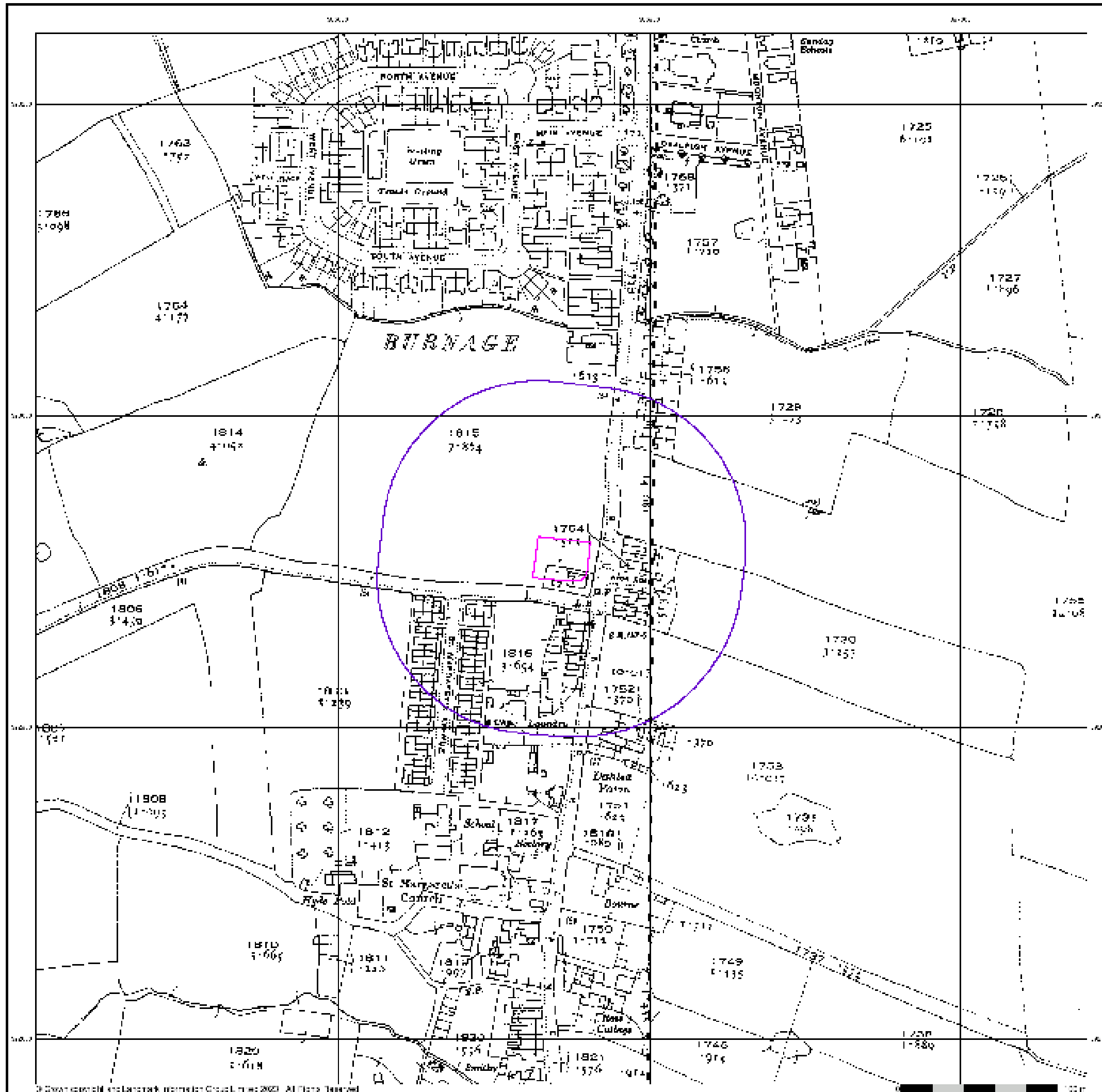


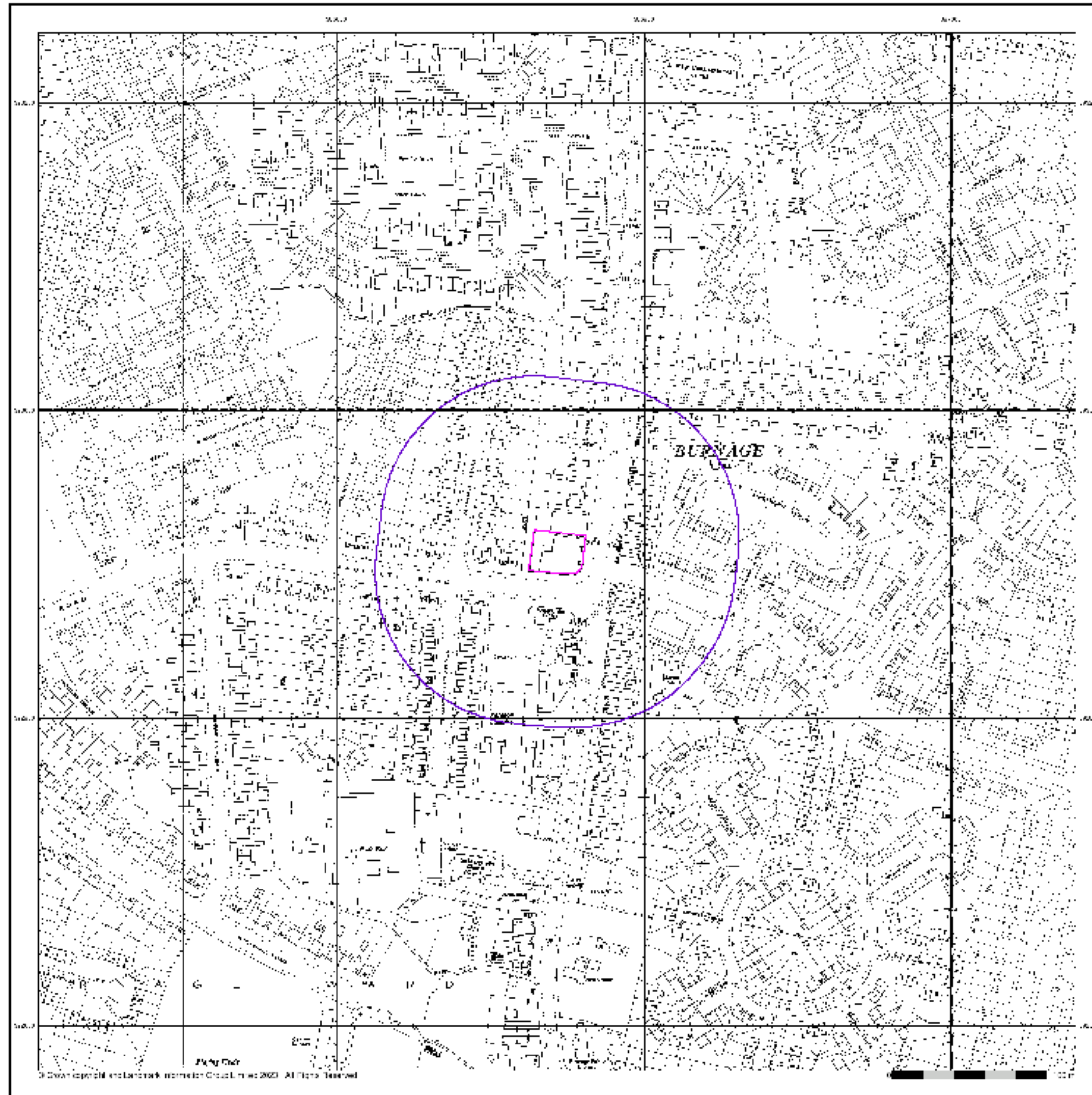
Order Details

Order Number: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

182, Burnage Lane, Manchester, M19 1EF





Ordnance Survey Plan

Published 1958 - 1959

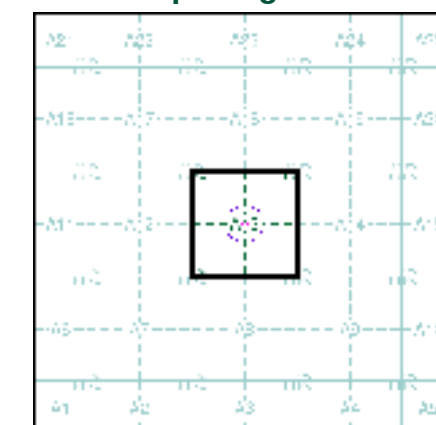
Source map scale - 1:2,500

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)

5.88303	8.8768
1958	1958
1:2,500	1:2,500
5.88302	8.8768
1958	1958
1:2,500	1:2,500

Historical Map - Segment A13



Order Details

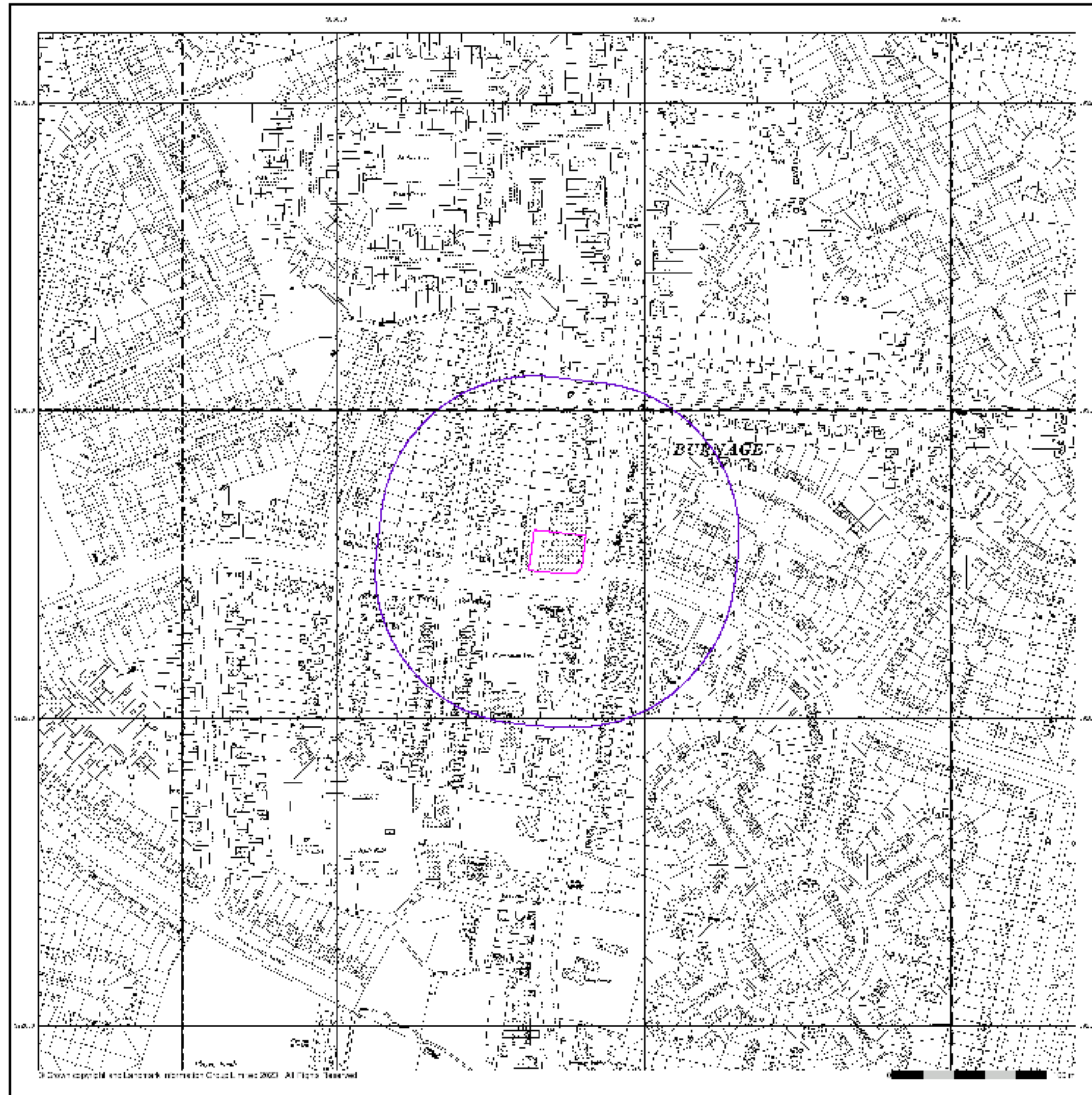
Order Number: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1958

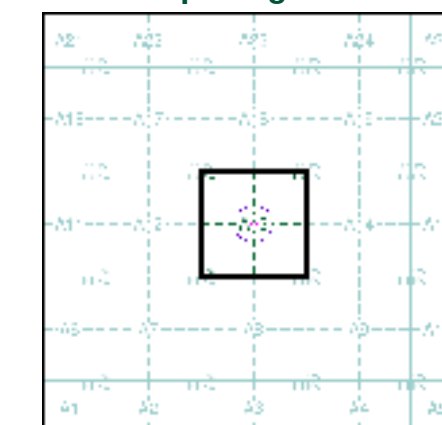
Source map scale - 1:1,250

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)

SJ9908SW 1958 1:1,250	SJ0009SL 1958 1:1,250	SJ0108SW 1958 1:1,250
SJ9909NW 1958 1:1,250	SJ0010NE 1958 1:1,250	SJ0109NW 1958 1:1,250

Historical Map - Segment A13



Order Details

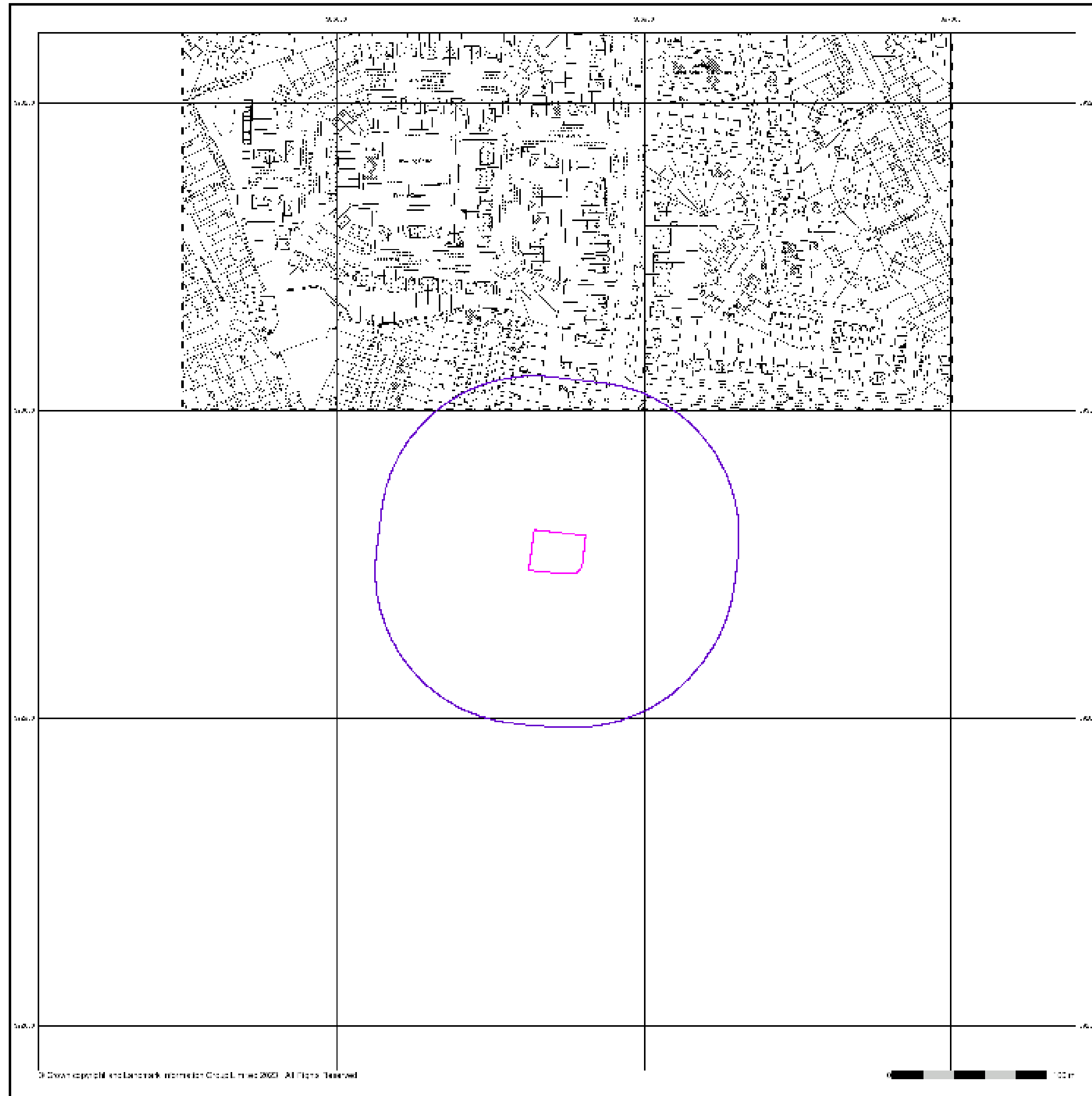
Order Number: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

182, Burnage Lane, Manchester, M19 1EF



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Fax: 0844 844 9951
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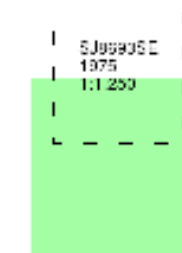
Ordnance Survey Plan

Published 1975

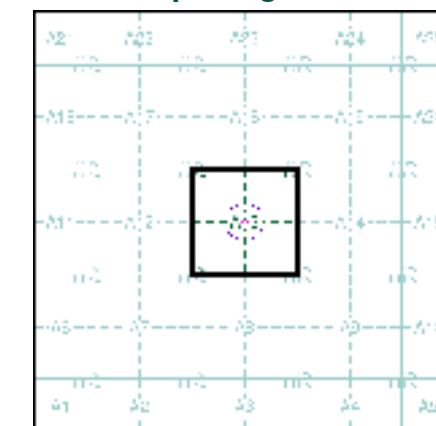
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

182, Burnage Lane, Manchester, M19 1EF



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Published 1984 - 1992

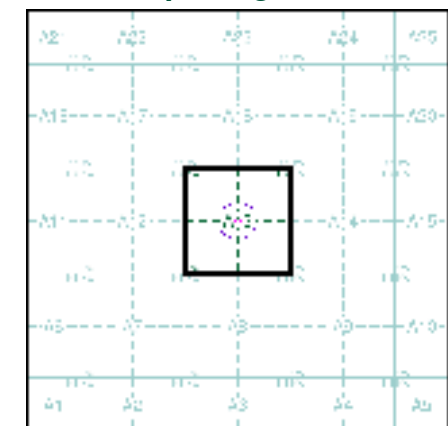
Source map scale - 1:1,250

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)

SJ9938SW 1989 1:1,250	SJ9938SL 1988 1:1,250	SJ9738SW 1994 1:1,250
SJ9938NW 1988 1:1,250	SJ9938SE 1994 1:1,250	SJ9738NW 1982 1:1,250

Historical Map - Segment A13

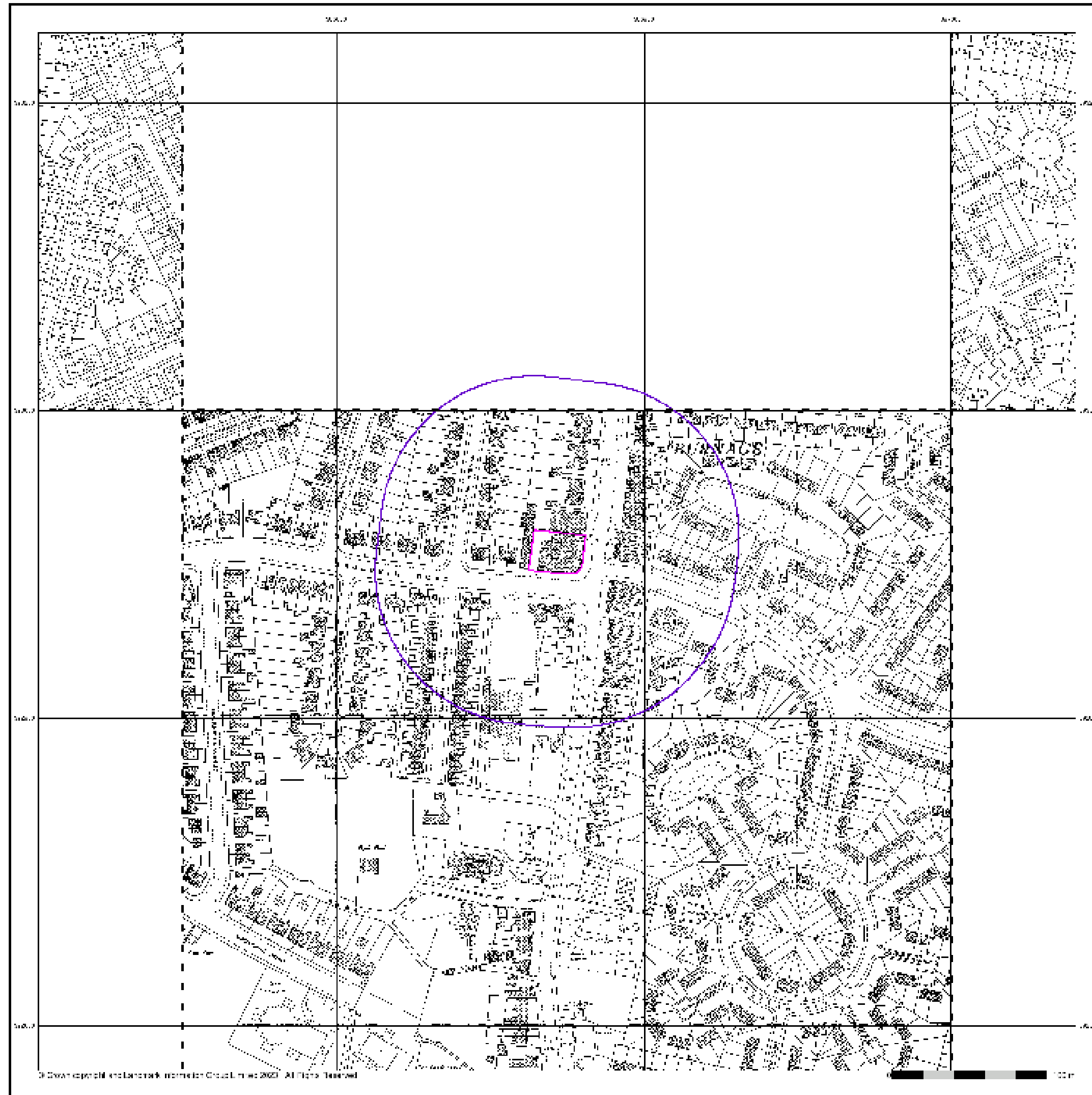


Order Details

Order Number: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

182, Burnage Lane, Manchester, M19 1EF

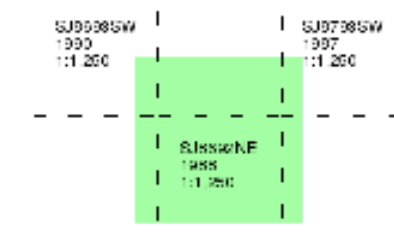


Published 1987 - 1990

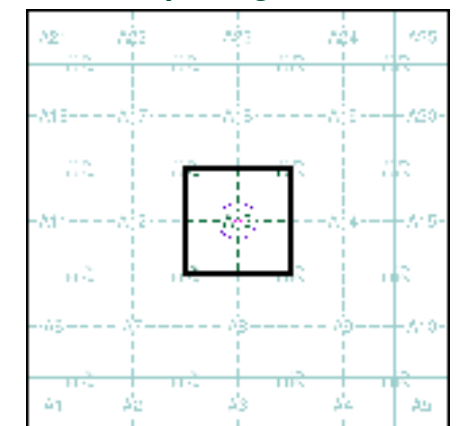
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13

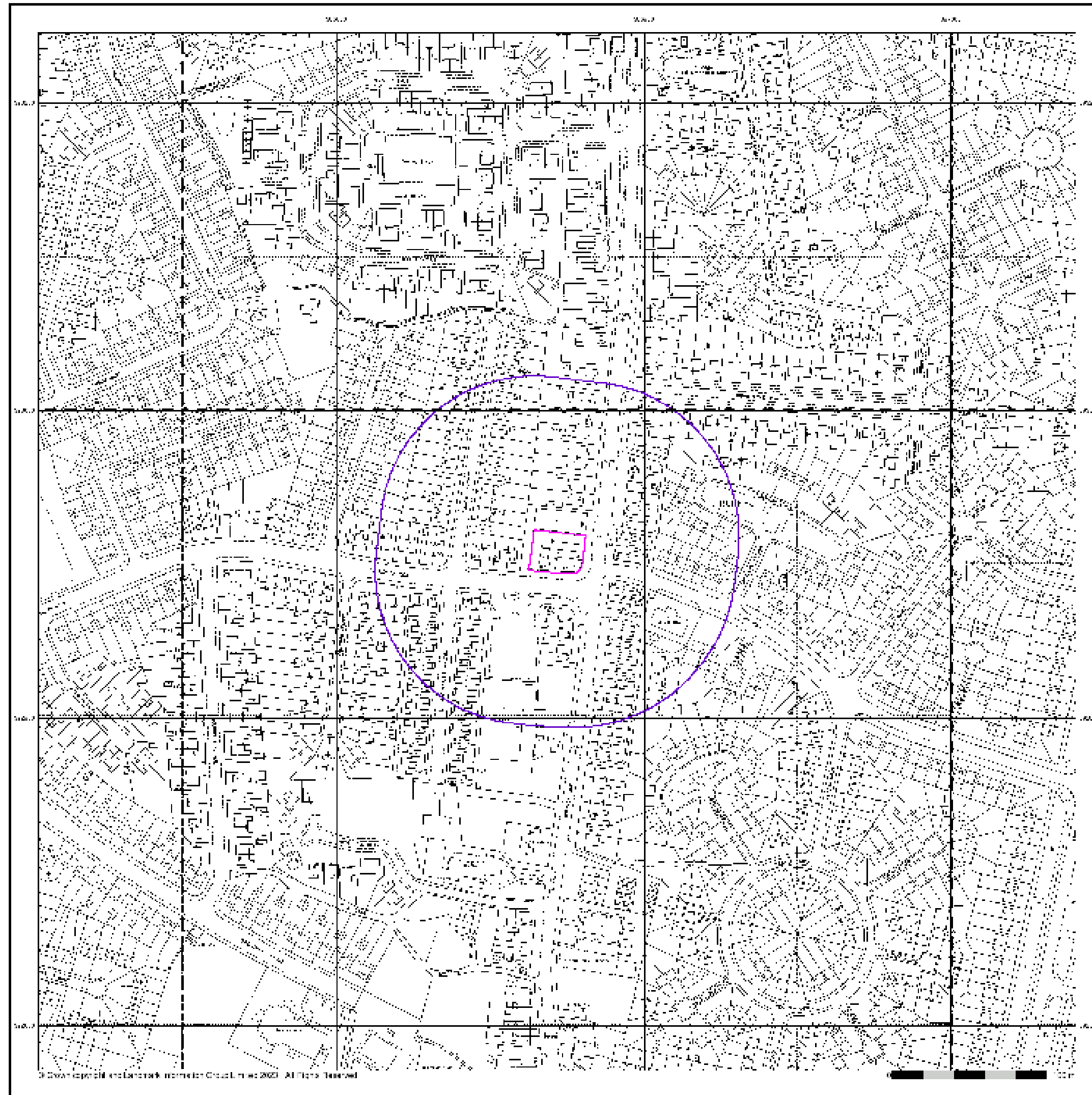


Order Details

Order Number: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

182, Burnage Lane, Manchester, M19 1EF



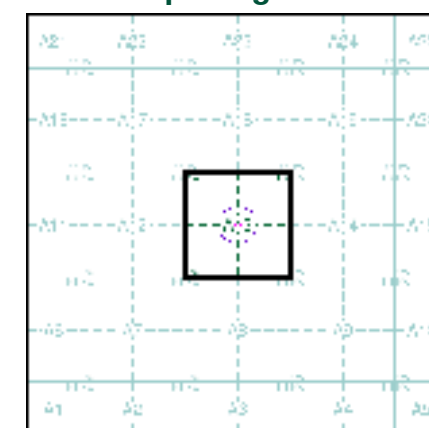
LK
GROUP
Large-Scale National Grid Data
Published 1992
Source map scale - 1:1,250

'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)

SJ9998SW 1992 1:1,250	SJ9998SL 1992 1:1,250	SJ9998SW 1992 1:1,250
SJ9998NW 1992 1:1,250	SJ9998SE 1992 1:1,250	SJ9998NE 1992 1:1,250

Historical Map - Segment A13



Order Details

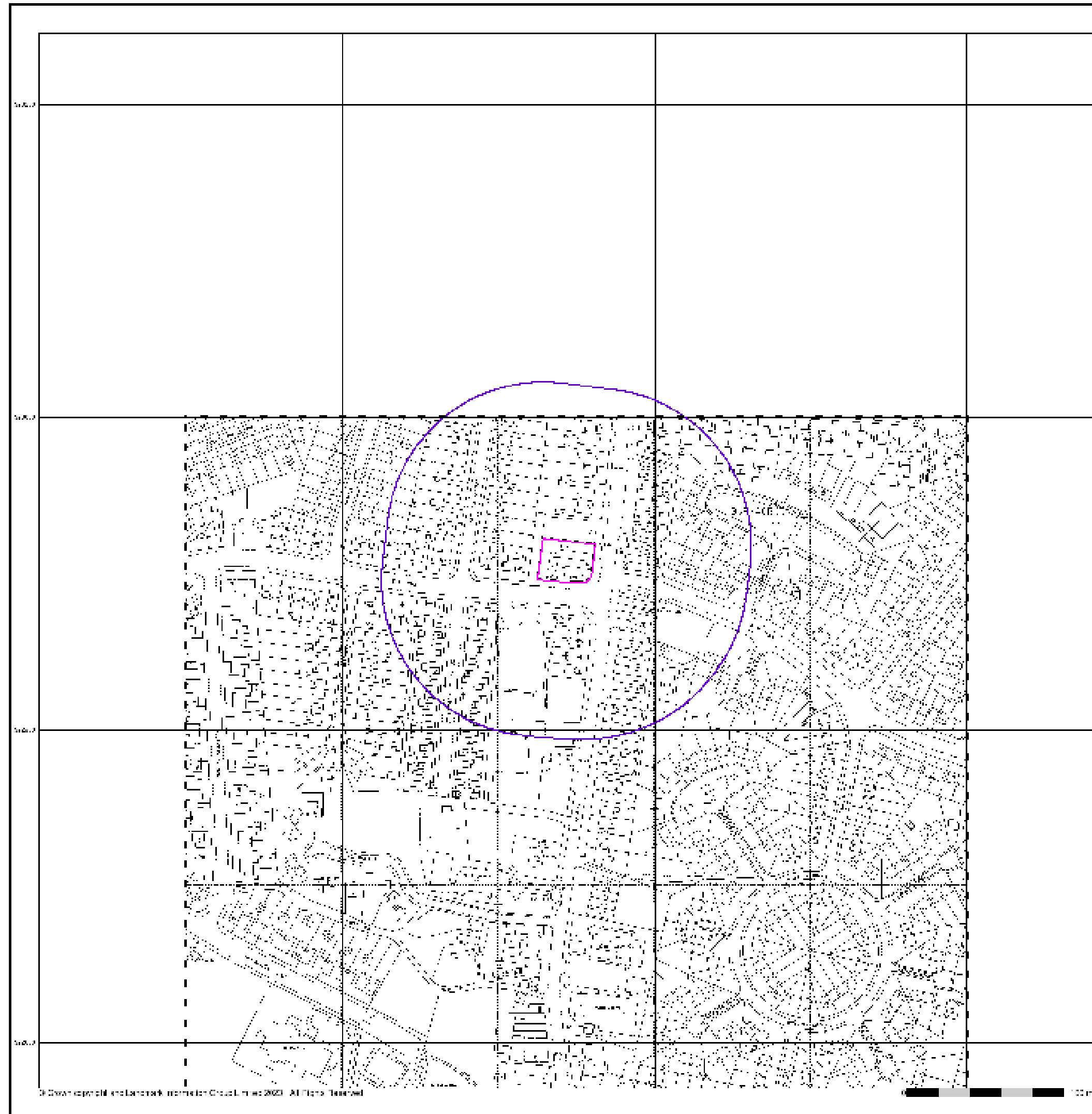
Order Number: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

182, Burnage Lane, Manchester, M19 1EF

Landmark
INFORMATION GROUP

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



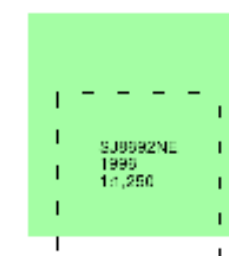
Large-Scale National Grid Data

Published 1996

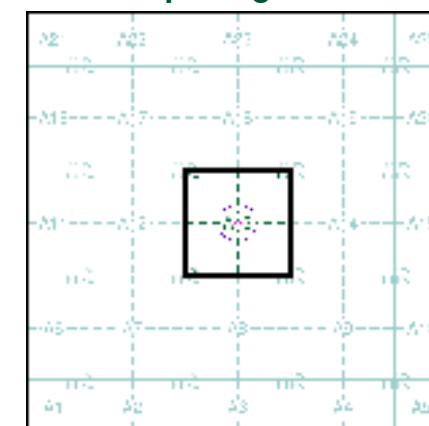
Source map scale - 1:1,250

'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: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

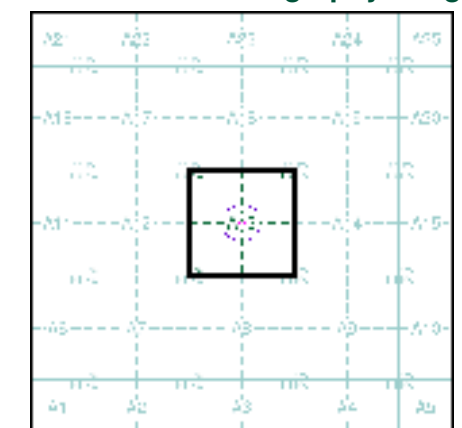
Site Details

182, Burnage Lane, Manchester, M19 1EF



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Fax: 0844 844 9951
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Historical Aerial Photography - Segment A13



Order Details

Order Number:	314240471_1_1
Customer Ref:	LKC 23 1116
National Grid Reference:	386740, 392910
Slice:	A
Site Area (Ha):	0.09
Search Buffer (m):	100

Site Details

182, Burnage Lane, Manchester, M19 1EF

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pt. Clay Pt. or Quartz		Gravel Pt
	Sand Pt		Jagged Pt or Quartz
	Refuse or Slag Heap		Lakes, Loch or Pond
	Dune		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Rough Grassland
	Hedge		Roads
	Sailings		
	Mauve		Glasshouse
	Sailing Masonry		
	Fyke		Electricity Transmission Line
	Fence		
	Cutting		Standard Gauge Multiple Track
	Standard Gauge Single Track		Siding, Turntable or Mineral Line
	Narrow Gauge		
	Geographical County		
	Administrative County, County Borough or County of City		
	Councils, Borough, Urban or Rural District, Borough or Town Council		
	Sanitary Region, County Council, Sanitary or Urban Sanitary District or Board of Health		
	Civil Parish		
	Boundary Point on Stone		Public Well
	Public Well		Public House
	Public House		Signal Post
	Signal Post		Spring
	Spring		Telephone Call Box
	Telephone Call Box		Telephone Call Post
	Telephone Call Post		Well
	General Building		Important Building

1:10,000 Raster Mapping

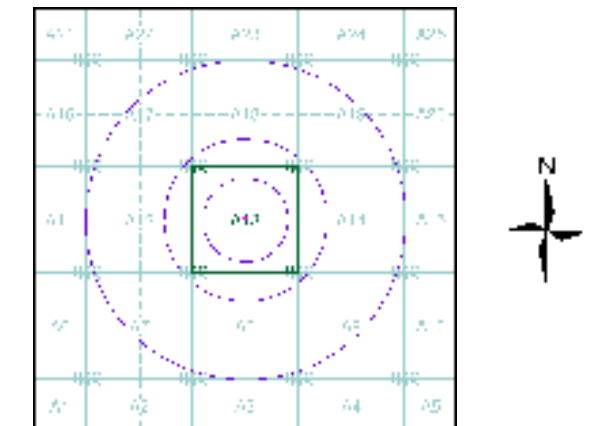
	Gravel Pt		Refuse tip or slag heap
	Rock		Rock scallier
	Boulders		Judders (scattered)
	Shingle		Mud
	Sand		Sand Pt
	Stone		Top of cliff
	General colliery		Underground colliery
	Overhead colliery		Narrow gauge railway
	Multiple track railway		Single track railway
	County boundary (England and Wales)		Civil parish or community boundary
	District, Health Authority, Local Government Boundary Commission boundary		Constituency boundary
	Area of woodland vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Palladium tree
	Orchard		Scrub or Colm
	Rough Grassland		Heath
	Grass		Marsh, Salt Marsh or Reeds
	Water Feature		Flow lines
	Mean high water (average)		Mean low water (spring)
	Telephone line (above ground)		Electricity transmission or line (overhead)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Quilt Post or Mile Stone)		Pylon, Mast stack or lighting tower
	Site of Antiquity		Glasshouse
	General Building		Important Building



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 - 1895	5
Cheshire	1:10,560	1899	6
Lancashire And Furness	1:10,560	1908 - 1911	7
Cheshire	1:10,560	1911	8
Lancashire And Furness	1:10,560	1923	9
Lancashire And Furness	1:10,560	1934	10
Cheshire	1:10,560	1938	11
Lancashire And Furness	1:10,560	1938	12
Ordnance Survey Plan	1:10,000	1955	13
Ordnance Survey Plan	1:10,000	1965	14
Manchester	1:25,000	1975	15
Ordnance Survey Plan	1:10,000	1976	16
Ordnance Survey Plan	1:10,000	1985	17
Ordnance Survey Plan	1:10,000	1990	18
10K Raster Mapping	1:10,000	1999	19
10K Raster Mapping	1:10,000	2006	20
VectorMap Local	1:10,000	2023	21

Historical Map - Slice A



Order Details

Order Number: 314240471_1_1
 Customer Ref: LKC 23 1116
 National Grid Reference: 386740, 392910
 Slice: A
 Site Area (Ha): 0.09
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Site Details

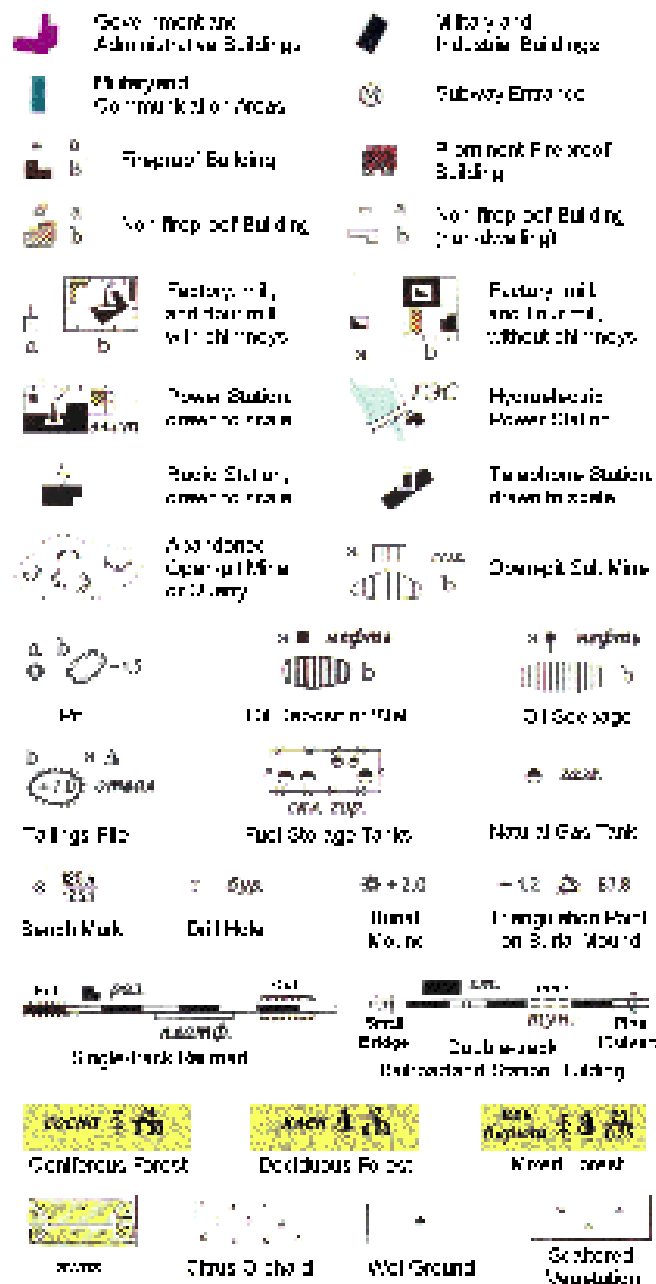
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Russian Military Mapping Legends

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

[illegible]

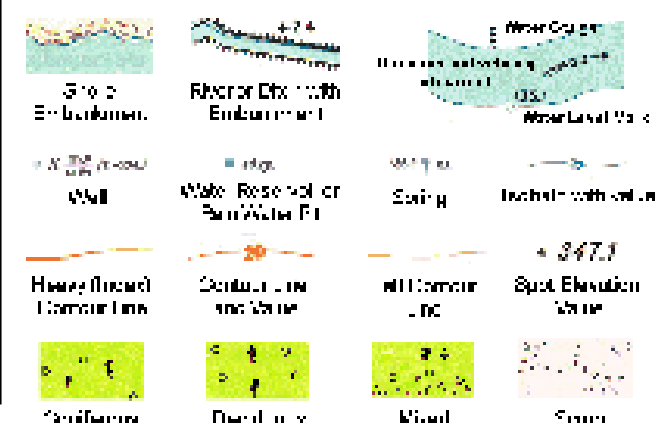
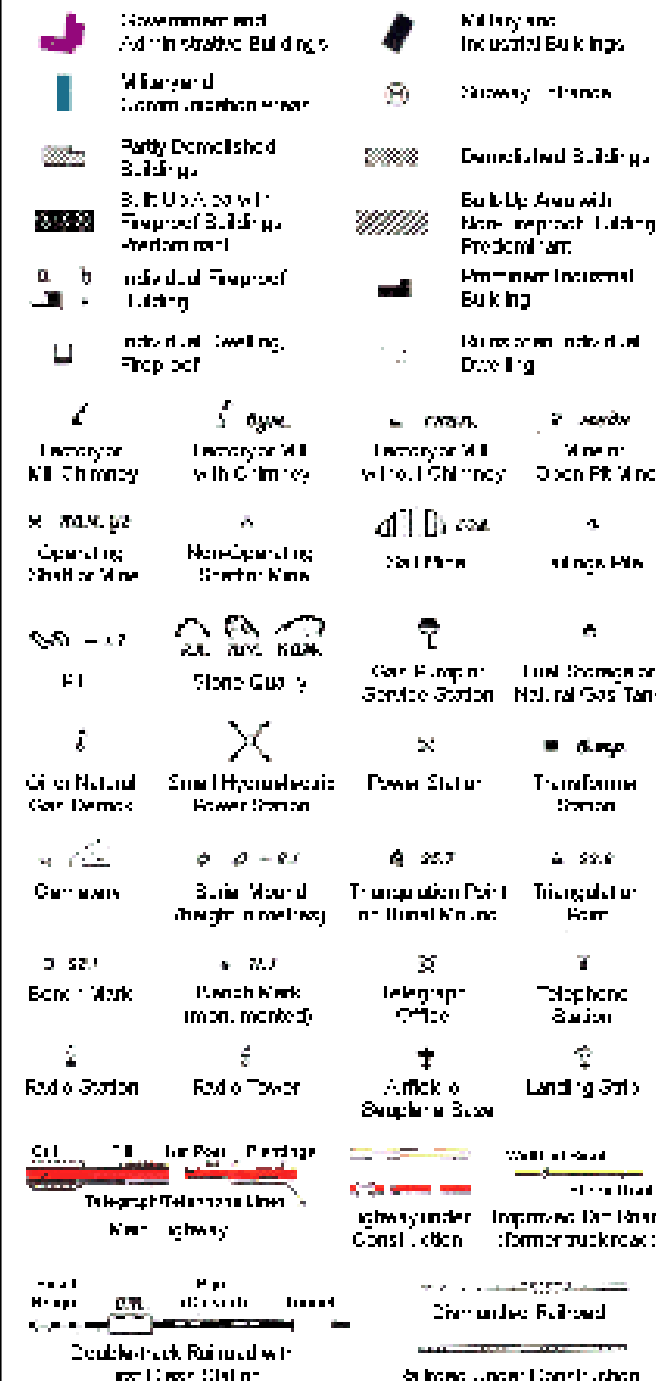
243.8	Values for phonetic realizations
188.0	Number of segments (letters, diphthongs, consonants etc.)
62	Vowel(s) in the current, with some used in diphthongs
101 2	Number of vowels (length and diphthong bridges, diphthong to diphthong) of the other scheme (e.g. of forest and the other word of song)

Russian Alphabet (Formal name and character of the Cyrillic alphabet)

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

1:25,000 mapping

a. Polynomial order b. Linear order.



Key to Numbers on Mapping

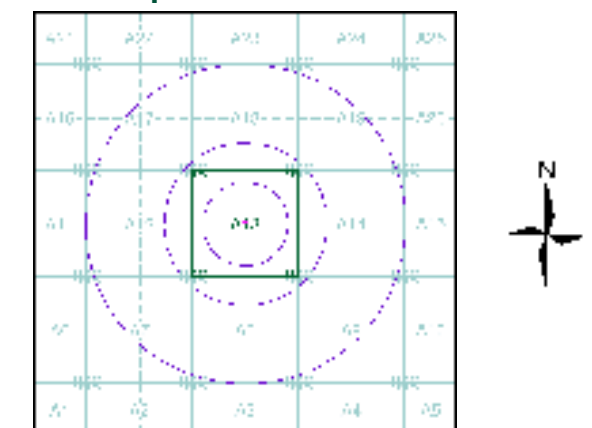
SJ89_Manchester

No.	Description
91	Factory (Machinery)

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 - 1895	5
Cheshire	1:10,560	1899	6
Lancashire And Furness	1:10,560	1908 - 1911	7
Cheshire	1:10,560	1911	8
Lancashire And Furness	1:10,560	1923	9
Lancashire And Furness	1:10,560	1934	10
Cheshire	1:10,560	1938	11
Lancashire And Furness	1:10,560	1938	12
Ordnance Survey Plan	1:10,000	1955	13
Ordnance Survey Plan	1:10,000	1965	14
Manchester	1:25,000	1975	15
Ordnance Survey Plan	1:10,000	1976	16
Ordnance Survey Plan	1:10,000	1985	17
Ordnance Survey Plan	1:10,000	1990	18
10K Raster Mapping	1:10,000	1999	19
10K Raster Mapping	1:10,000	2006	20
VectorMap Local	1:10,000	2023	21

Russian Map - Slice A



Order Details

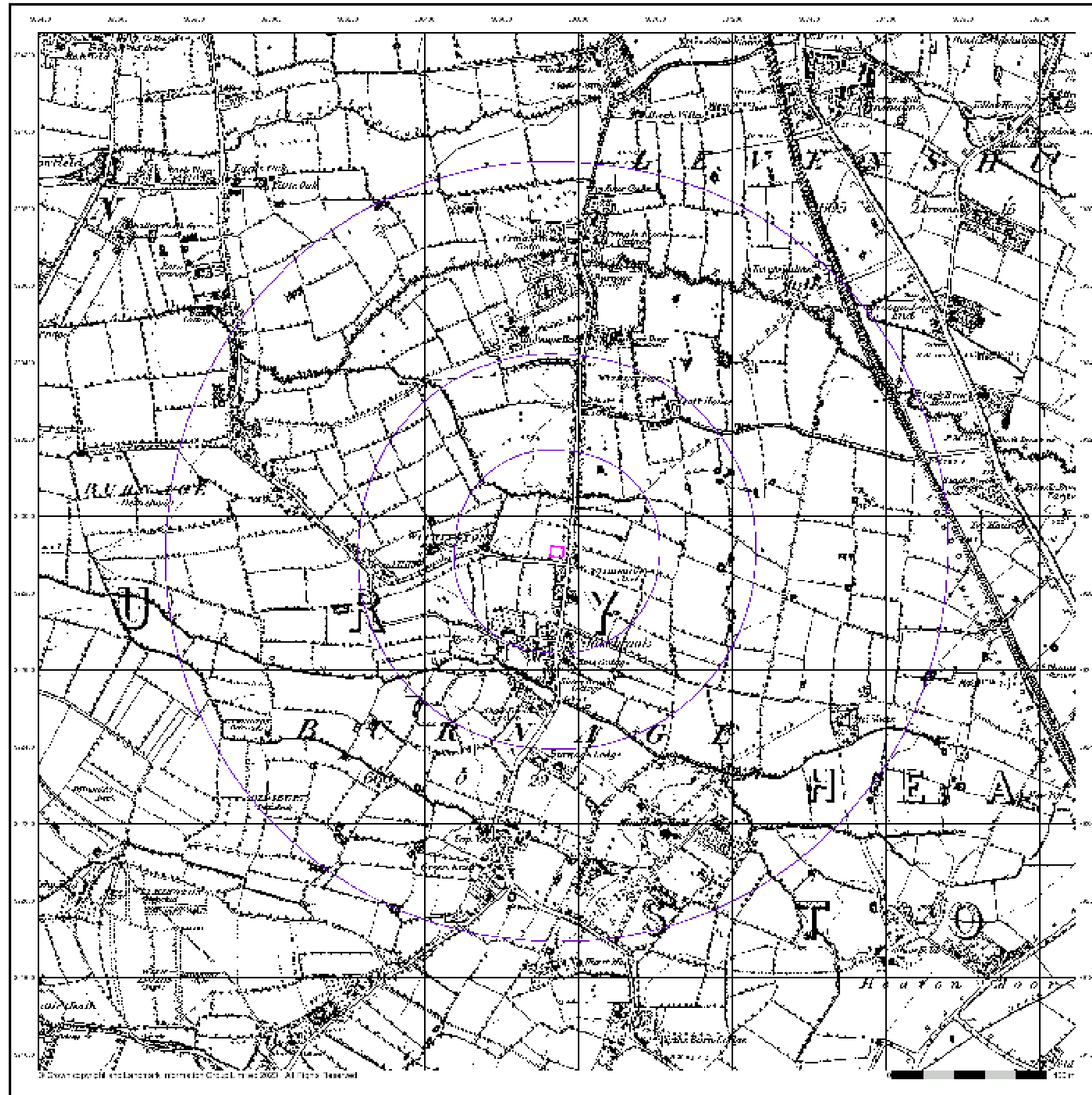
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Site Area (Ha): 0.09
Search Buffer (m): 1000

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LK GROUP

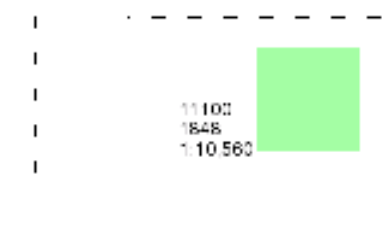
Lancashire And Furness

Published 1848

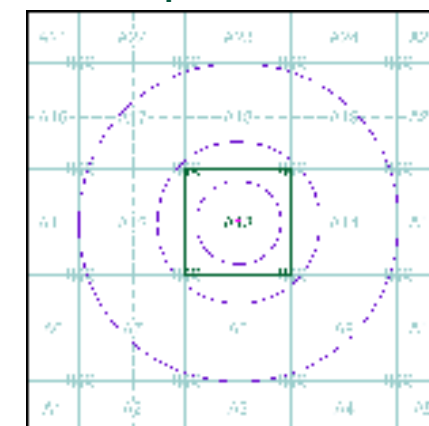
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

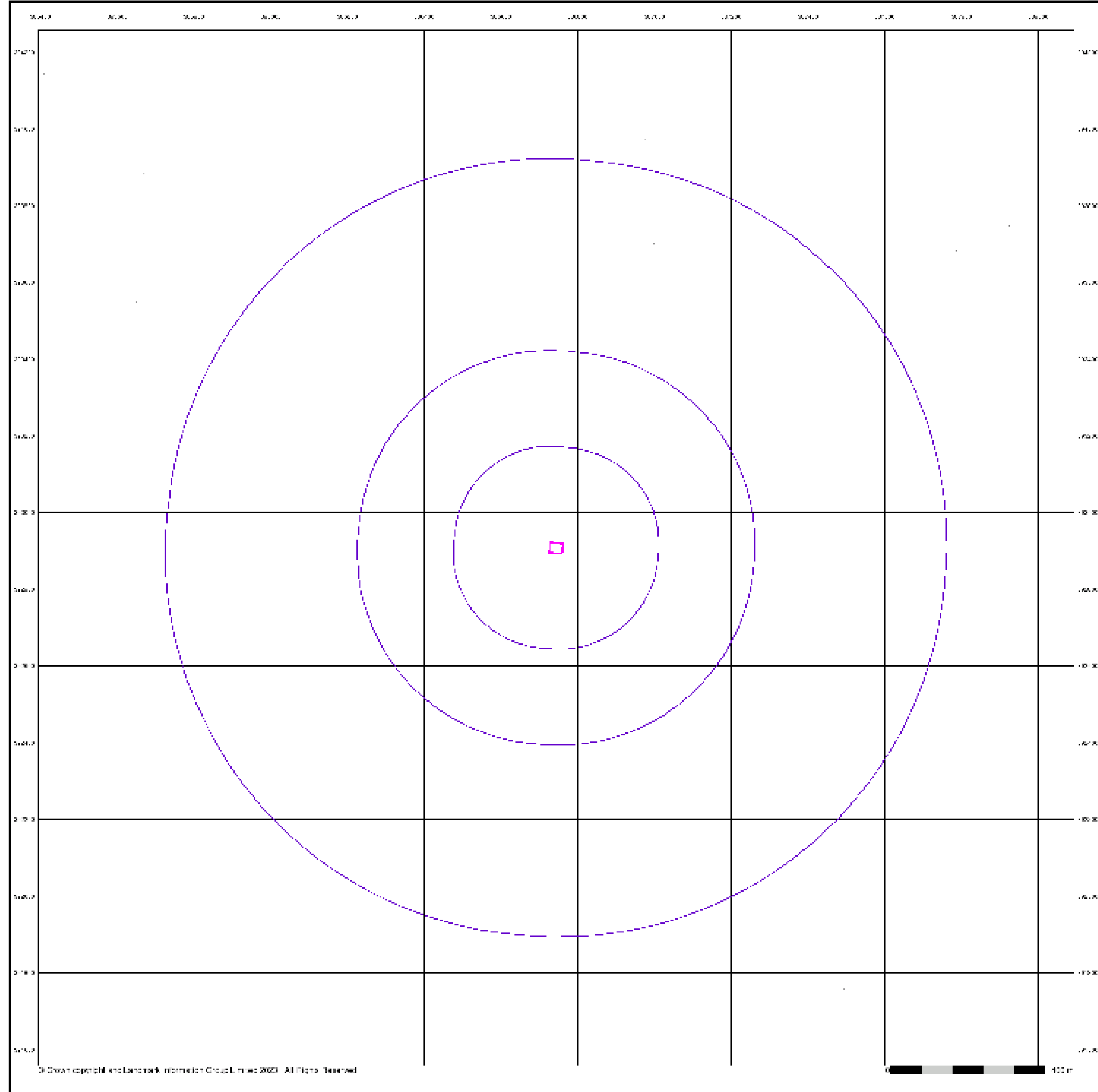
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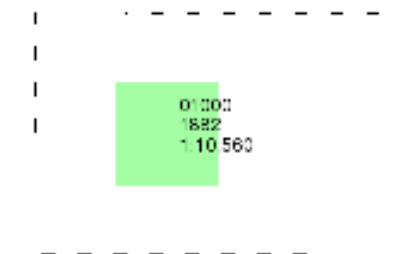


Published 1882

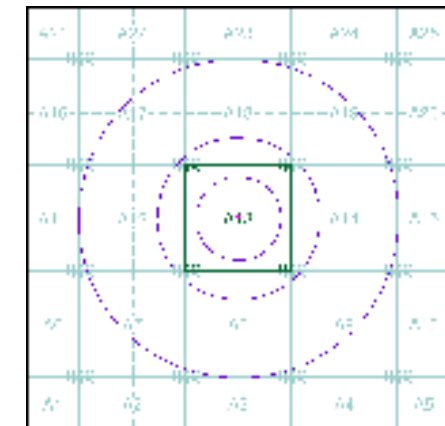
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

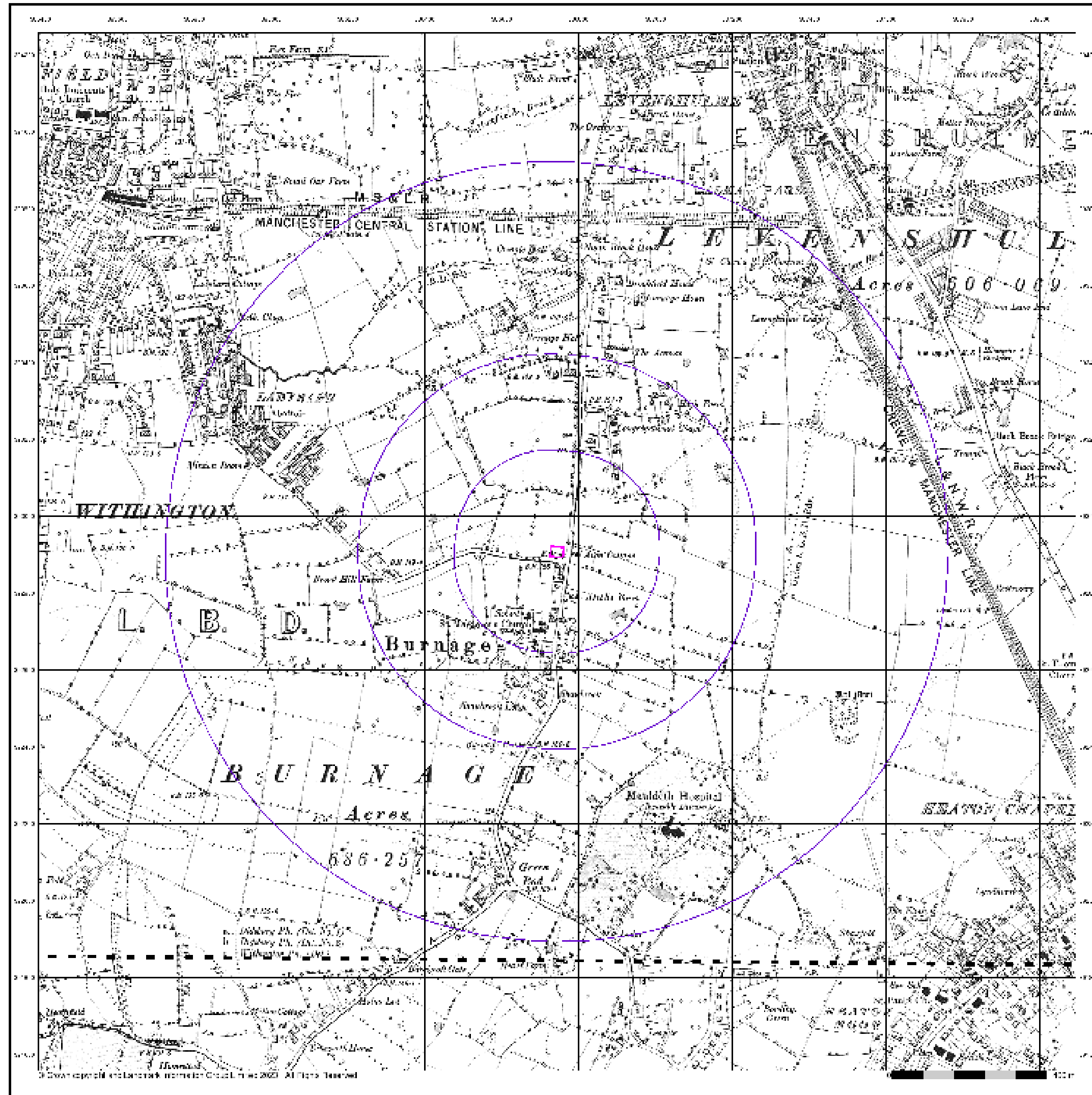
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LK GROUP Lancashire And Furness

Published 1894 - 1895

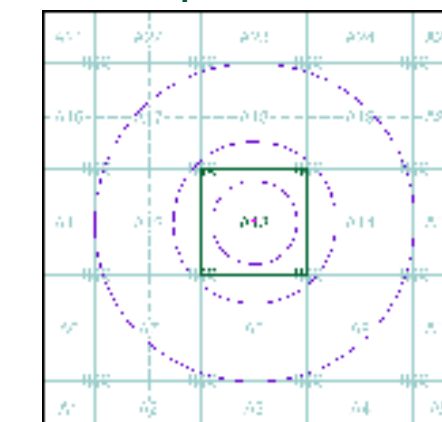
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

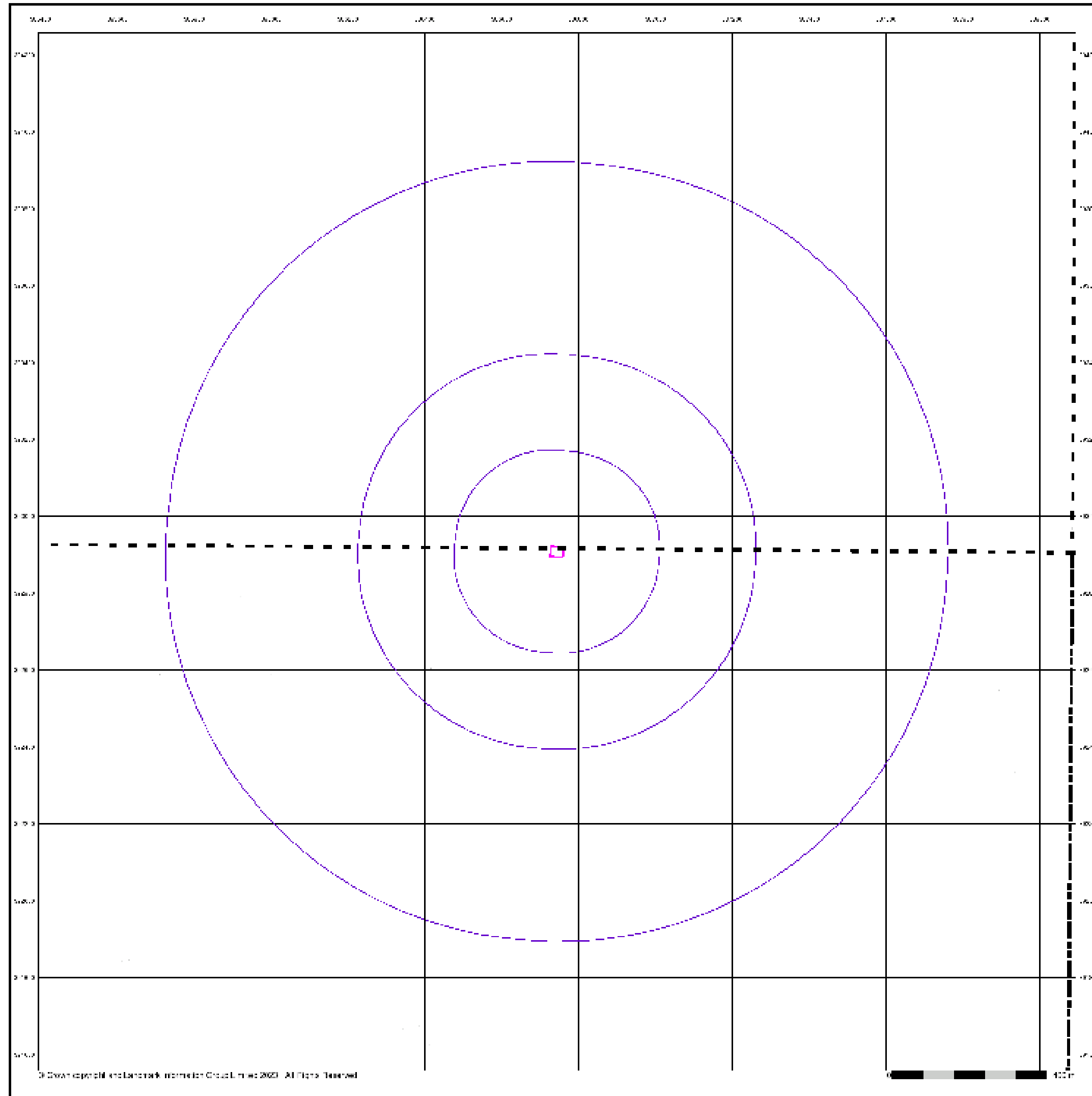
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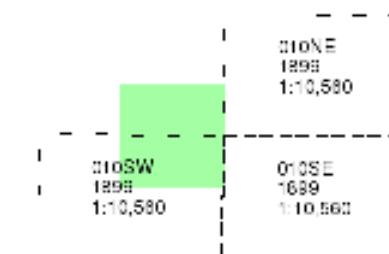


Published 1899

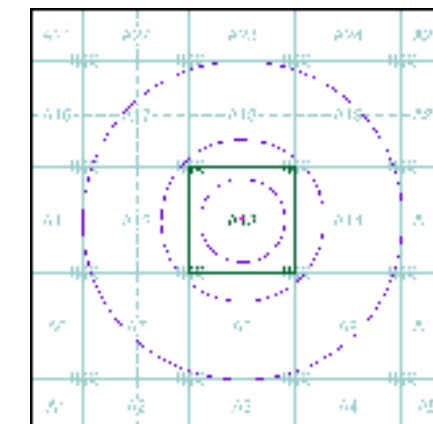
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

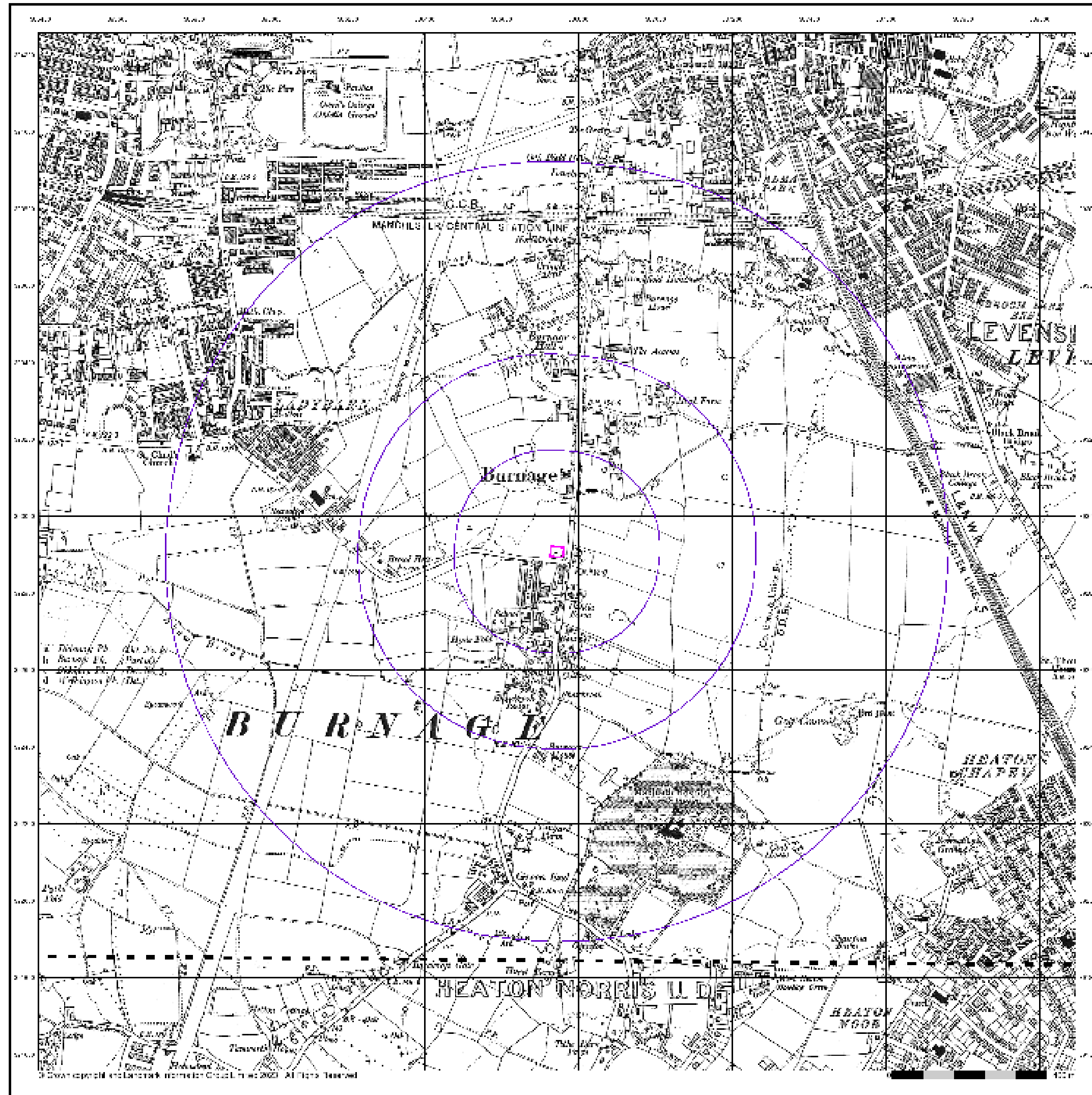
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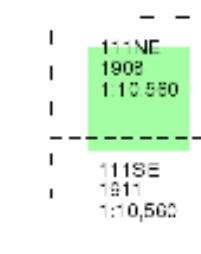


Published 1908 - 1911

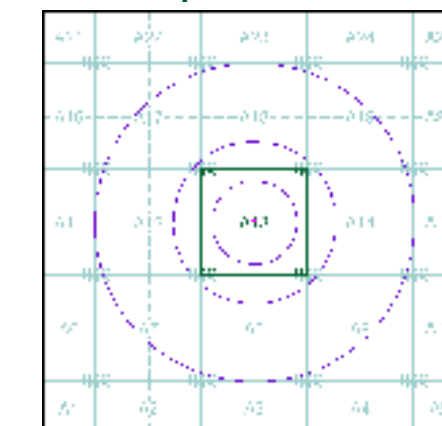
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Map Name(s) and Date(s)



Historical Map - Slice A

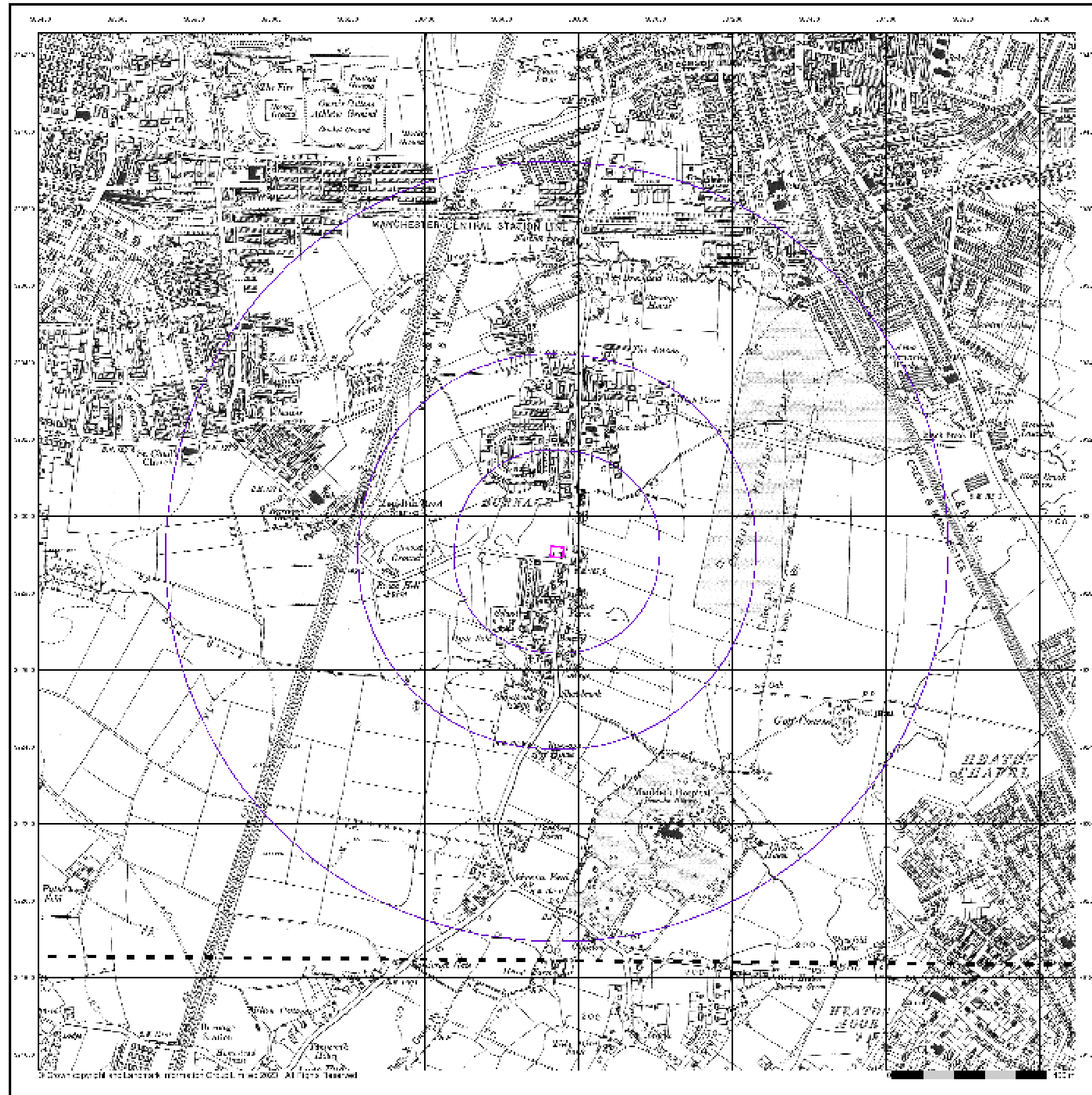


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Site Details

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LK GROUP

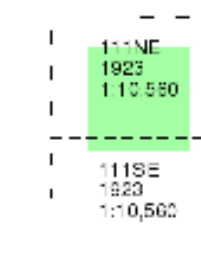
Lancashire And Furness

Published 1923

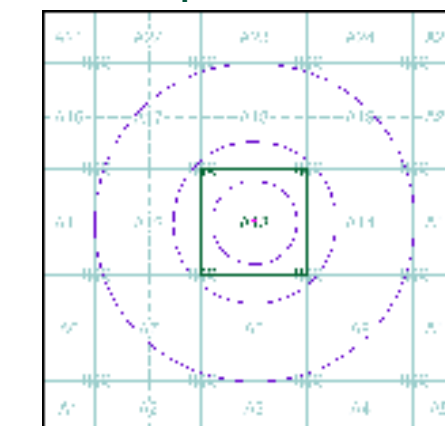
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

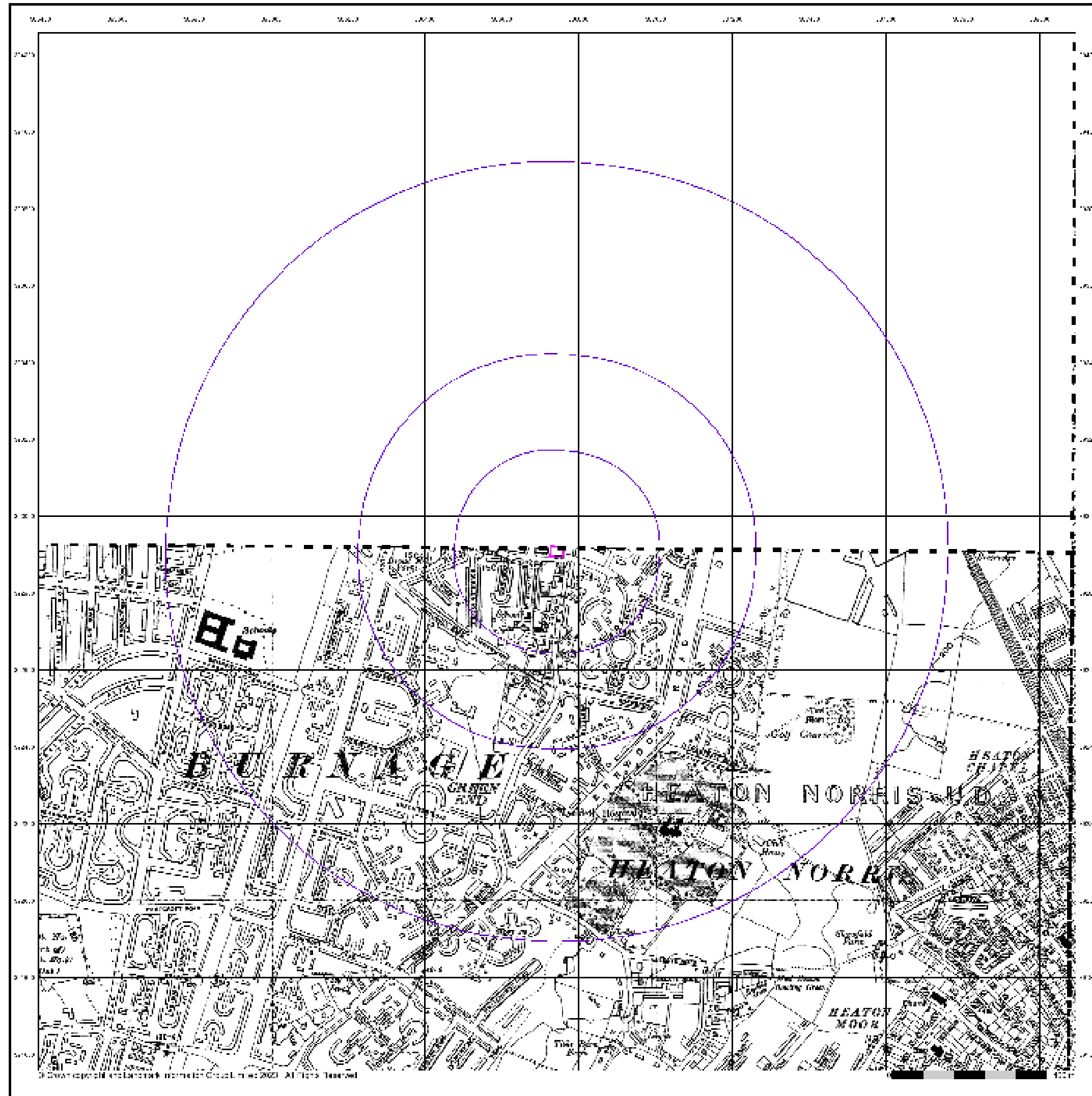
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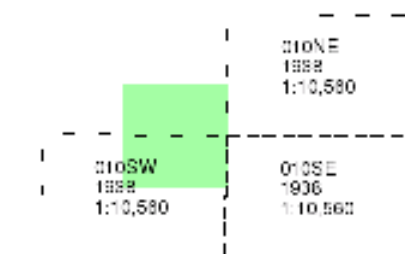


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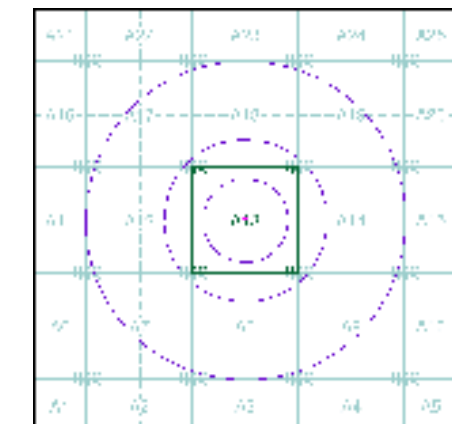
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Map Name(s) and Date(s)



Historical Map - Slice A

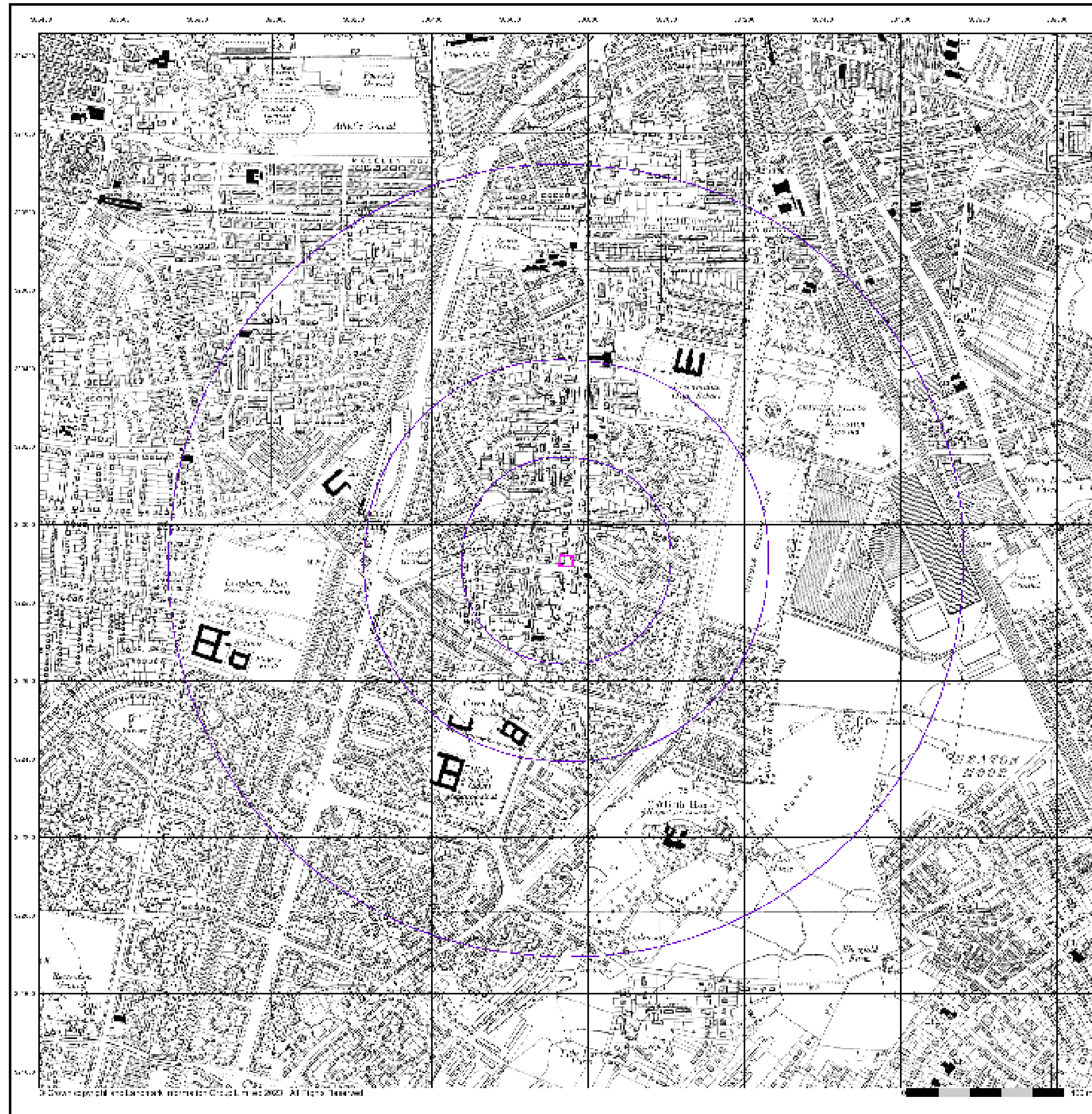


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Ordnance Survey Plan

Published 1955

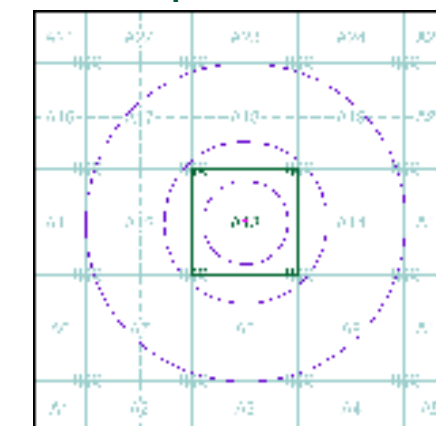
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

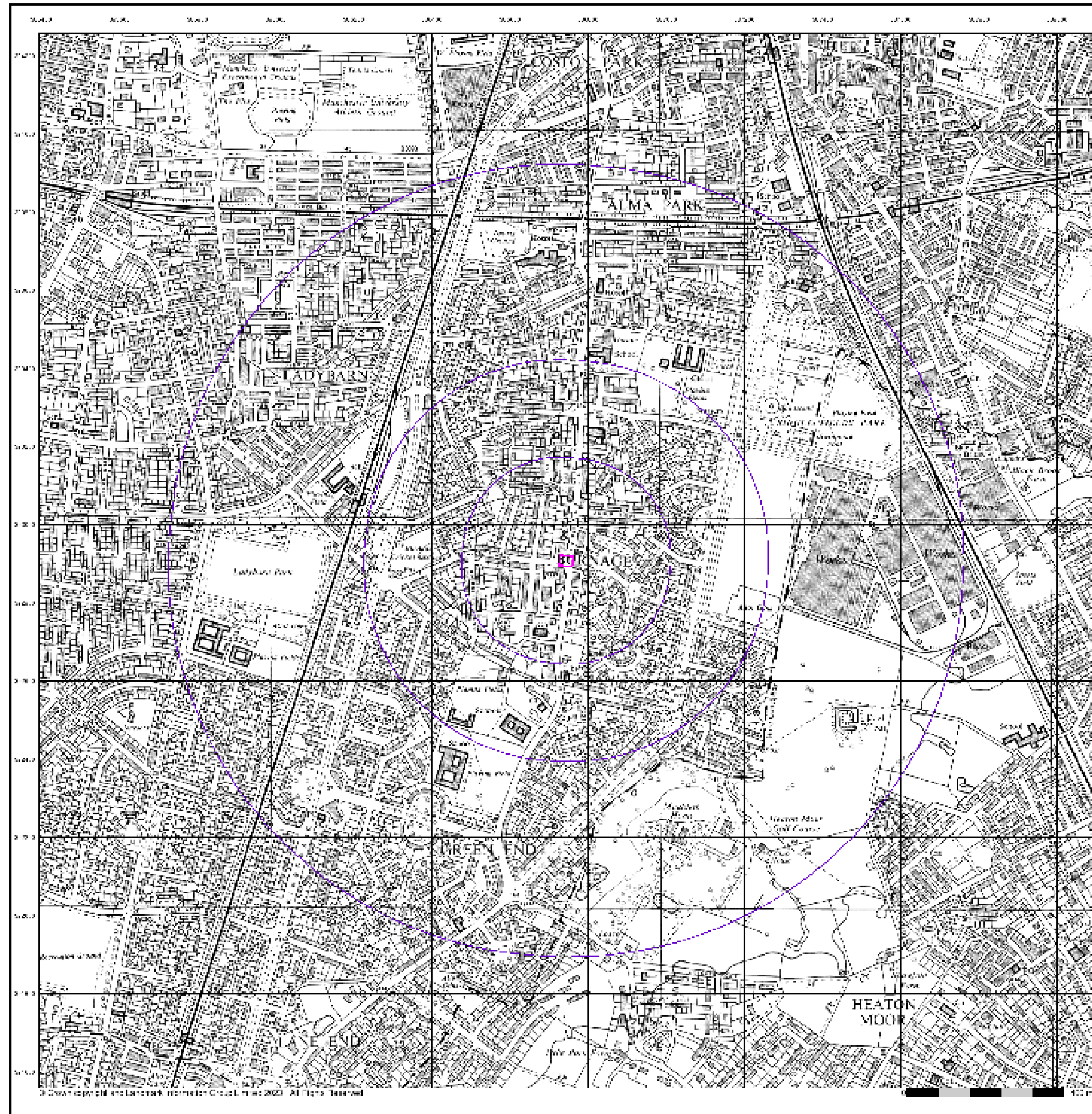
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Ordnance Survey Plan

Published 1965

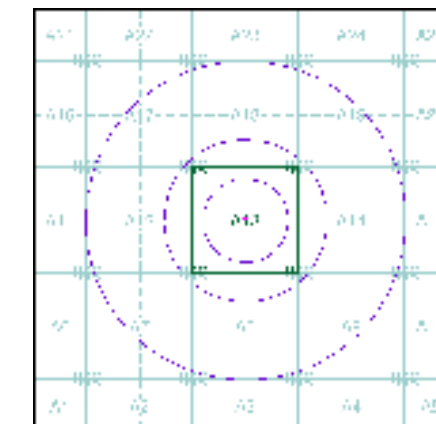
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Map Name(s) and Date(s)



Historical Map - Slice A



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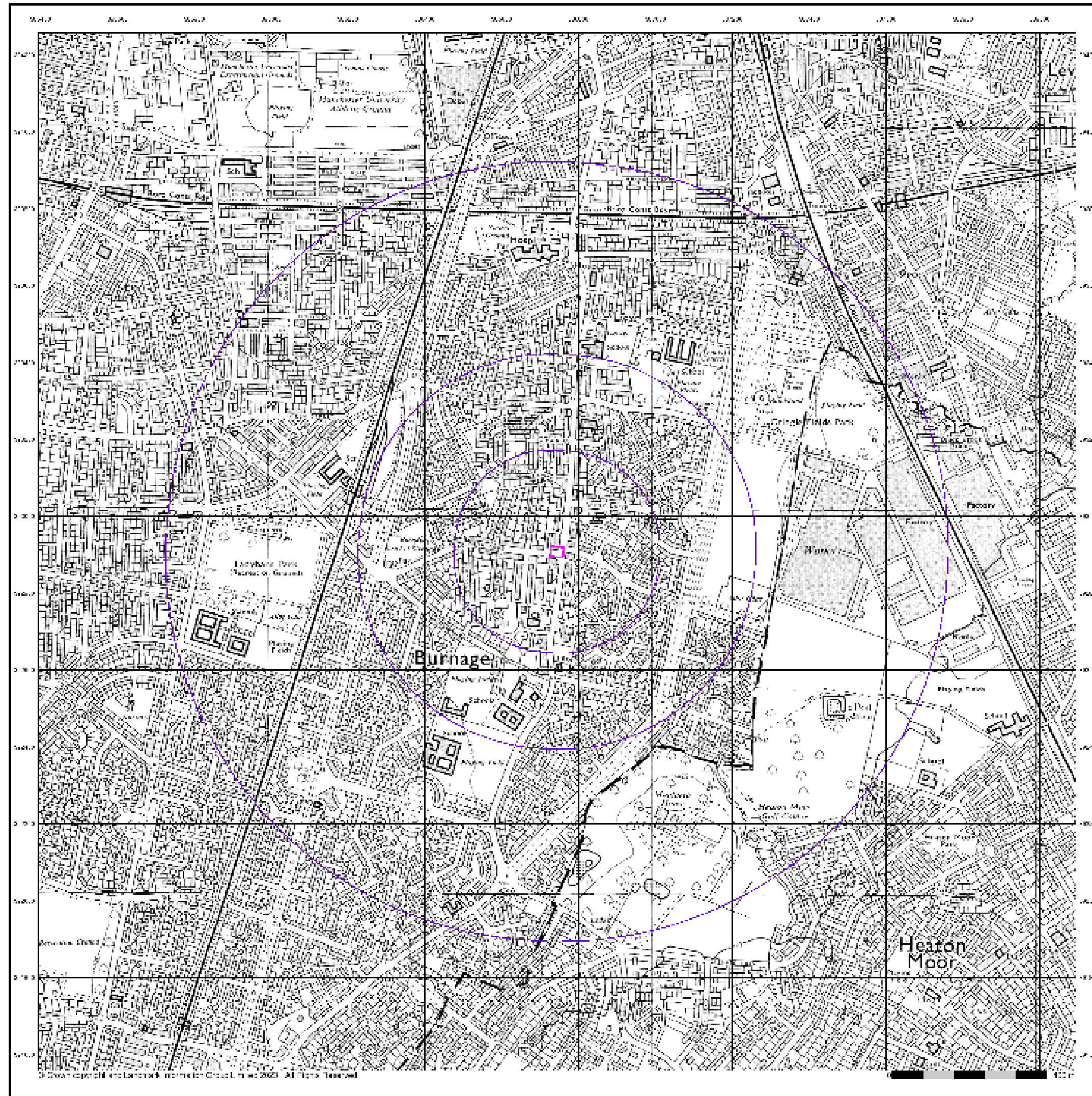
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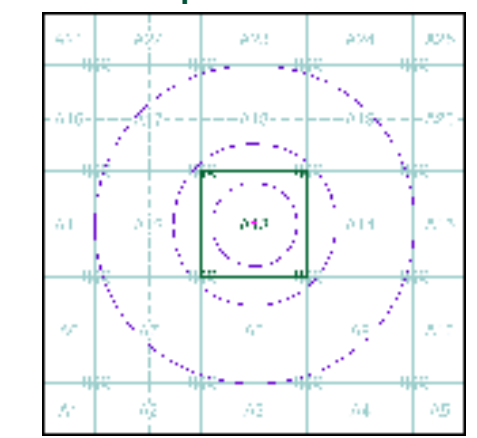
LK GROUP
Ordnance Survey Plan
Published 1976
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Map Name(s) and Date(s)

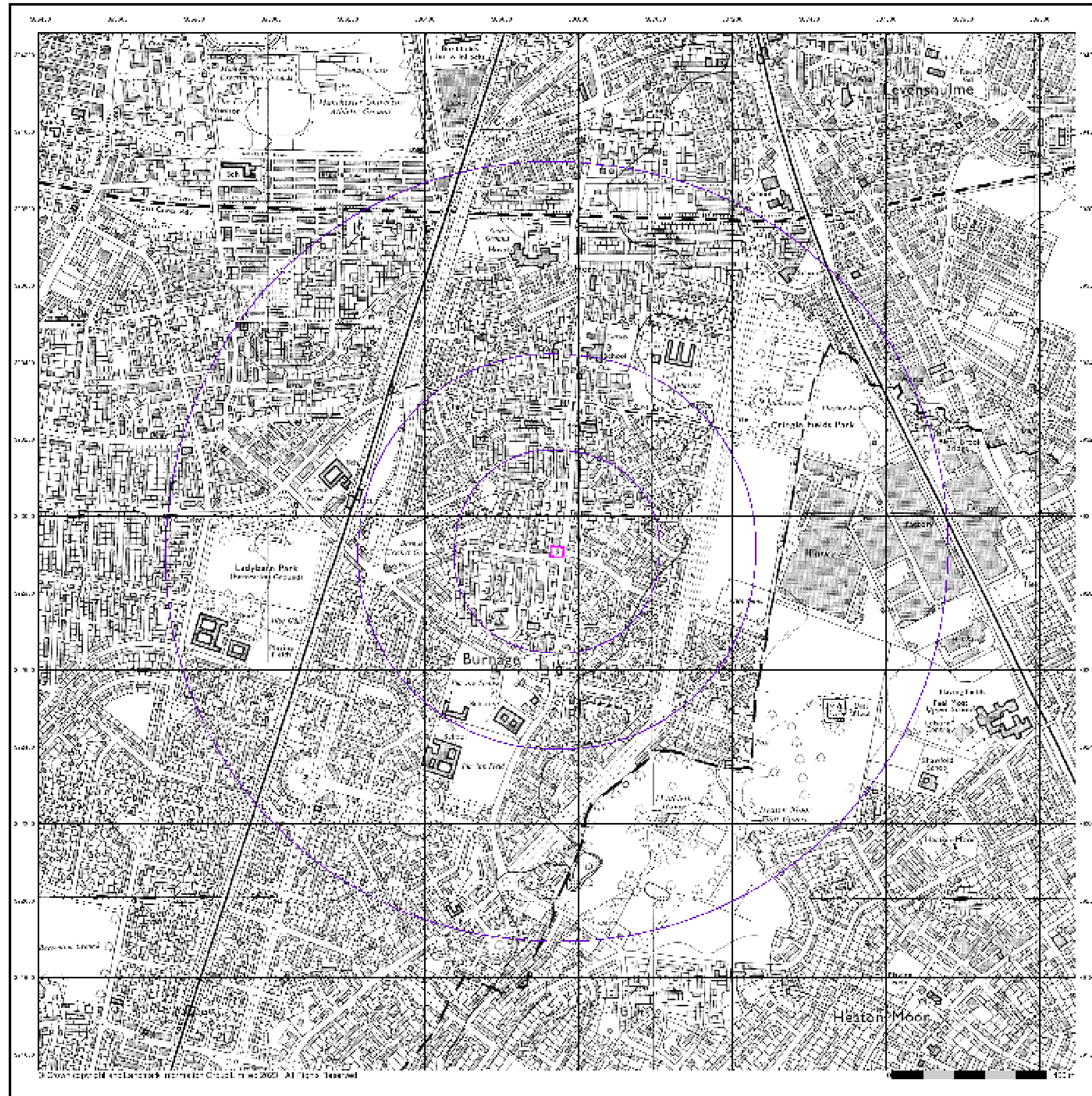


Historical Map - Slice A



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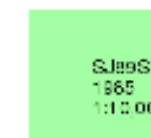
Ordnance Survey Plan

Published 1985

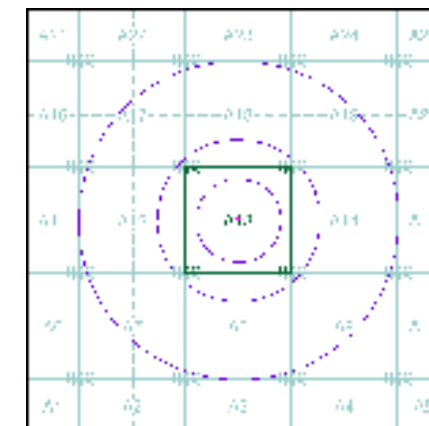
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Map Name(s) and Date(s)



Historical Map - Slice A



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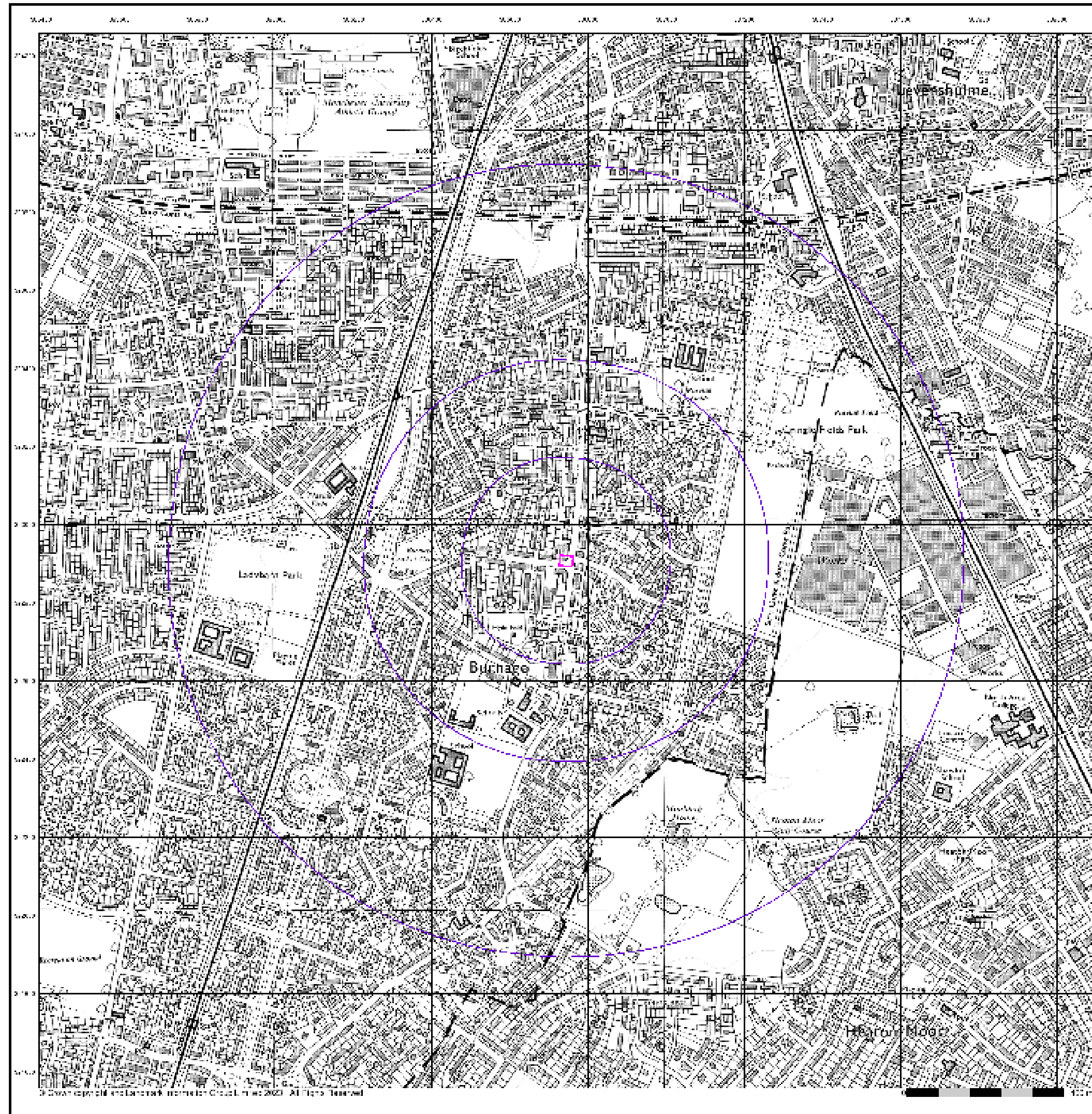
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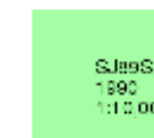
Ordnance Survey Plan

Published 1990

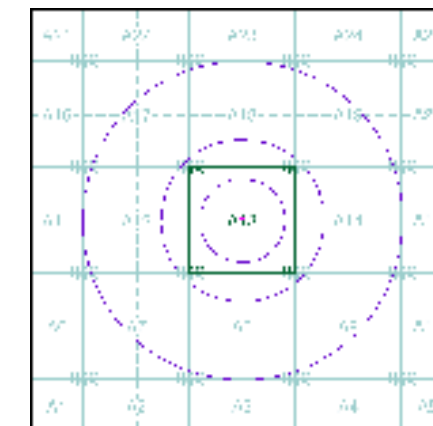
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

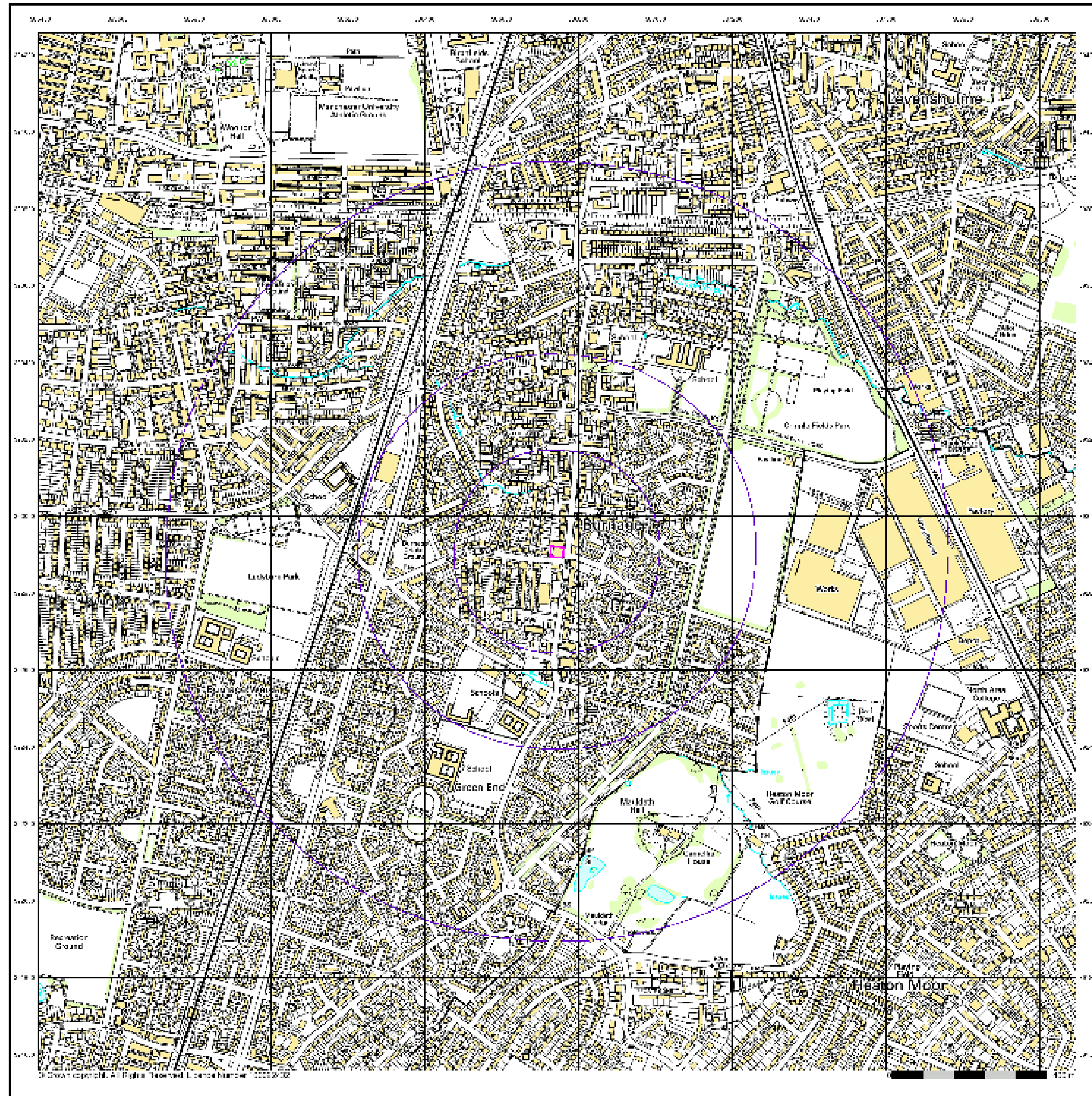
Order Number: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

182, Burnage Lane, Manchester, M19 1EF



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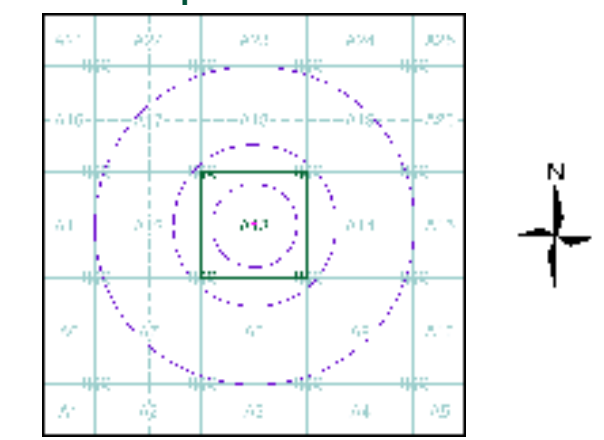
LK GROUP
10k Raster Mapping
Published 1999
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



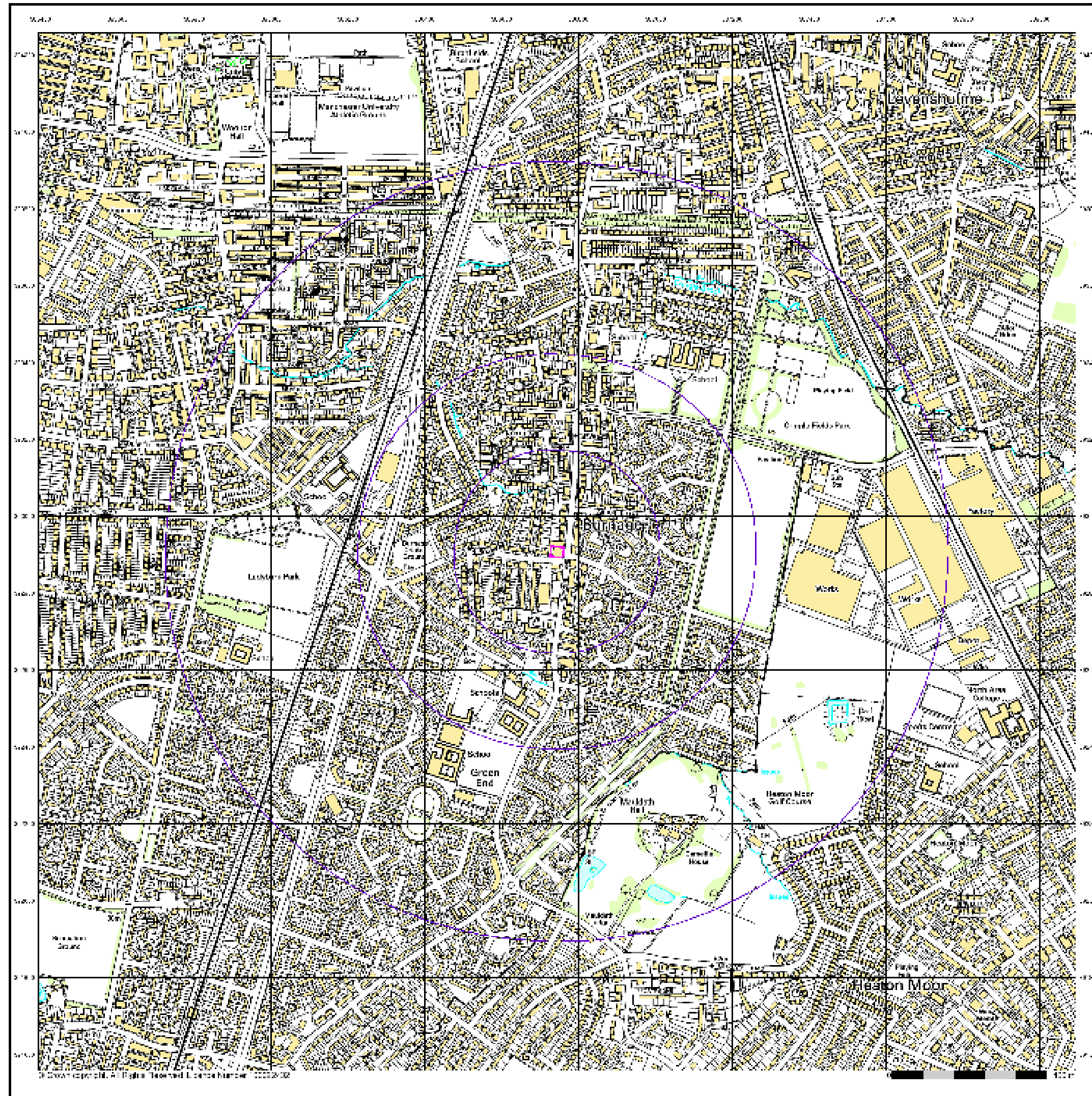
Historical Map - Slice A



Order Details

Order Number:	314240471_1_1
Customer Ref:	LKC 23 1116
National Grid Reference:	386740, 392910
Slice:	A
Site Area (Ha):	0.09
Search Buffer (m):	1000

Site Details
182, Burnage Lane, Manchester, M19 1EF

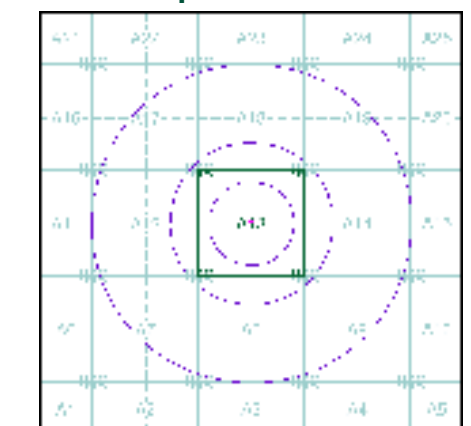


The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks 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)

SUBSET
2006
1:10,000

Historical Map - Slice A

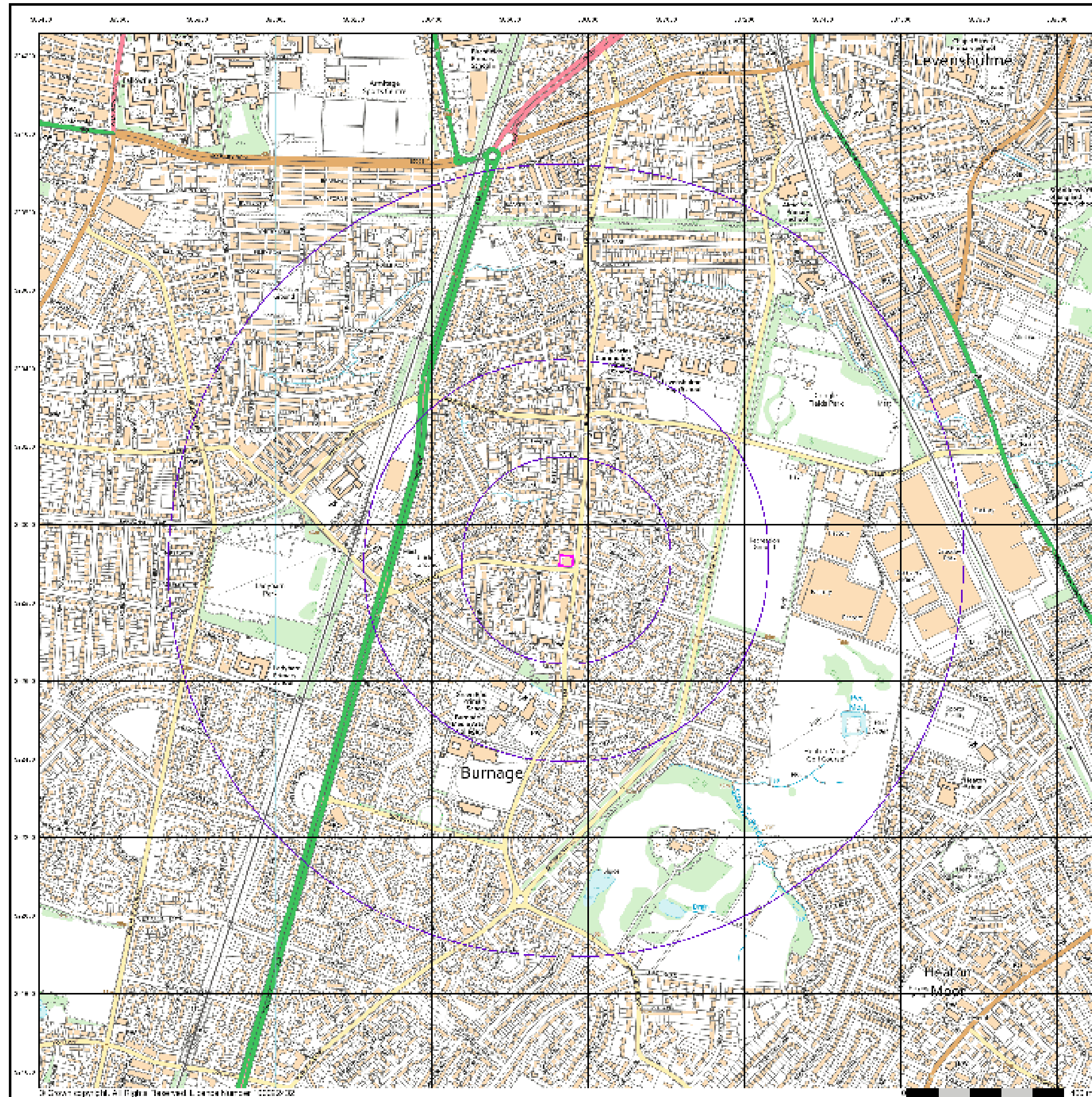


Order Details

Order Number: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

182, Burnage Lane, Manchester, M19 1EF



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LK
GROUP
VectorMap Local

Published 2023

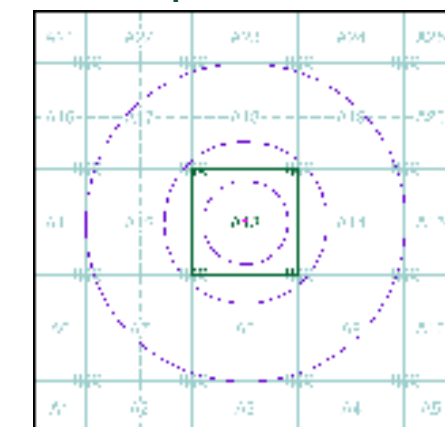
Source map scale - 1:10,000

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)

5.8855
2023
Variable

Historical Map - Slice A



Order Details

Order Number: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

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INFORMATION GROUP

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Appendix B

Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

314240471_1_1

Customer Reference:

LKC 23 1116

National Grid Reference:

386740, 392910

Slice:

A

Site Area (Ha):

0.09

Search Buffer (m):

1000

Site Details:

182, Burnage Lane

Manchester

M19 1EF

Client Details:

L Consult

LK Consult Ltd

Unit 29 Eton Business Park

Eton Hill Road

Radcliffe

Greater Manchester

M26 2ZS

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	16
Hazardous Substances	-
Geological	20
Industrial Land Use	25
Sensitive Land Use	-
Data Currency	37
Data Suppliers	43
Useful Contacts	44

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes		Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				8
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 3			1	6
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4		Yes		
Pollution Incidents to Controlled Waters	pg 4				14
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 6		2		5 (*4)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 9	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	pg 10				1
Extreme Flooding from Rivers or Sea without Defences	pg 10		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 10		3	8	39

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 16				1
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 16		5	14	47
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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 20	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 20	Yes	Yes	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 24	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 24	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 24	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 24	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 25		3	13	55
Fuel Station Entries	pg 31			1	
Points of Interest - Commercial Services	pg 31			9	17
Points of Interest - Education and Health	pg 33				1
Points of Interest - Manufacturing and Production	pg 33		2	1	13
Points of Interest - Public Infrastructure	pg 35			3	7
Points of Interest - Recreational and Environmental	pg 35				5
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
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 to Occur at Surface	A13SW (SE)	0	1	386743 392908
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	0	1	386750 392908
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (E)	410	1	387150 393050
1	Discharge Consents Operator: Barratt Manchester Ltd Property Type: DENTIST/HOSPITAL/NURSING HOME (MEDICAL)/HUMAN HEALTH Location: Former Duchess Of York Hospital Cringle Lane, Burnage, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991373 Permit Version: 1 Effective Date: 1st November 1994 Issued Date: Not Supplied Revocation Date: 1st November 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Canal Environment: Receiving Water: The Peak Forest Canal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18NW (N)	679	2	386700 393600
1	Discharge Consents Operator: Barratt Manchester Ltd Property Type: DENTIST/HOSPITAL/NURSING HOME (MEDICAL)/HUMAN HEALTH Location: Former Duchess Of York Hospital Cringle Lane, Burnage, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991374 Permit Version: 1 Effective Date: 1st November 1994 Issued Date: Not Supplied Revocation Date: 1st November 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Canal Environment: Receiving Water: The Peak Forest Canal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18NW (N)	679	2	386700 393600
2	Discharge Consents Operator: Barratt Manchester Ltd Property Type: DENTIST/HOSPITAL/NURSING HOME (MEDICAL)/HUMAN HEALTH Location: Former Duchess Of York Hospital Cringle Lane, Burnage, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991372 Permit Version: 1 Effective Date: 1st November 1994 Issued Date: Not Supplied Revocation Date: 1st November 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Lake/Reservoir - with outlet Environment: Receiving Water: Unnamed Watercourse O/F2 Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18NW (N)	690	2	386600 393600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Barratt Manchester Ltd Property Type: DENTIST/HOSPITAL/NURSING HOME (MEDICAL)/HUMAN HEALTH Location: Former Duchess Of York Hospital Cringle Lane, Burnage, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991371 Permit Version: 1 Effective Date: 1st November 1994 Issued Date: Not Supplied Revocation Date: 1st November 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Canal Environment: Receiving Water: The Peak Forest Canal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18NW (N)	690	2	386600 393600
3	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Palmerston Street, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01man0196 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 13th October 1999 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Medlock Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A12NW (W)	819	2	385930 393100
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Clare Rd/Davenhill Rd Cso 21 Clare Road, Manchester, ., Greater Manchester, M19 2gn Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016940833 Permit Version: 1 Effective Date: 1st January 1900 Issued Date: Not Supplied Revocation Date: 22nd October 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Cringle Beck Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	856	2	387350 393540
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Clare Rd/Davenhill Rd Cso 21 Clare Road, Manchester, ., Greater Manchester, M19 2gn Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016940833 Permit Version: 2 Effective Date: 23rd October 2019 Issued Date: 23rd October 2019 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Cringle Beck Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	881	2	387371 393554

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Holland St/Butler St, Sso, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01man0036 Permit Version: 1 Effective Date: 15th September 1993 Issued Date: Not Supplied Revocation Date: 15th September 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Medlock Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	911	2	385980 393440
6	Local Authority Pollution Prevention and Controls Name: Kingsway Service Station Location: 138 Kingsway, Burnage, MANCHESTER, Lancashire, M19 1BB Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/016/05 Dated: 7th 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	A12NE (W)	441	3	386301 393027
7	Local Authority Pollution Prevention and Controls Name: R & B Motors Location: 1 St George's Road, Fallowfield, Manchester, Lancashire, M14 6sx Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/B/14/05/AW Dated: 16th March 1994 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorised Positional Accuracy: Manually positioned to the address or location	A12NW (W)	741	3	386019 393135
7	Local Authority Pollution Prevention and Controls Name: R & B Motors Location: 1 St Georges Road, MANCHESTER, Lancashire, M14 6SX Authority: Manchester City Council, Environmental Health Department Permit Reference: 01/91 Dated: 3rd July 1991 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation has varied Positional Accuracy: Manually positioned to the address or location	A12NW (W)	745	3	386015 393135
8	Local Authority Pollution Prevention and Controls Name: Williams Fairey Engineering Ltd Location: PO Box 41, Crossley Road, STOCKPORT, Cheshire, SK4 5BD Authority: Stockport Metropolitan Borough Council, Environmental Health Department, EEDD Permit Reference: Epa035 Dated: 31st March 1999 Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	804	4	387536 393132
8	Local Authority Pollution Prevention and Controls Name: Wfel Location: Crossley Road Industrial Estate, Heaton Chapel, Stockport Authority: Stockport Metropolitan Borough Council, Environmental Health Department, EEDD Permit Reference: PPC100 Dated: 5th April 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/23 Coating of metal and plastic Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	811	4	387546 393124

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Local Authority Pollution Prevention and Controls Name: Lookers Crossley Park Location: Unit 2c Crossley Park, Crossley Road, Heaton Chapel, STOCKPORT, Cheshire, SK4 5BF Authority: Stockport Metropolitan Borough Council, Environmental Health Department, EEDD Permit Reference: EPA082 Dated: 30th December 1998 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A14NE (E)	890	4	387646 393018
9	Local Authority Pollution Prevention and Controls Name: Polar Ford Stockport Location: Unit 2a, Crossley Road Industrial Estate, Stockport, SK4 5BF Authority: Stockport Metropolitan Borough Council, Environmental Health Department, EEDD Permit Reference: PPC124 Dated: 4th April 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Manually positioned to the address or location	A14NE (E)	911	4	387665 393030
	Nearest Surface Water Feature	A13NW (N)	143	-	386713 393064
10	Pollution Incidents to Controlled Waters Property Type: No Premises Identified Location: Park, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Other Pollutant Note: Not Supplied Incident Date: 22nd July 1999 Incident Reference: 30501 Catchment Area: River Mersey (Etherow) Receiving Water: River Stretch (Freshwater) Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (E)	545	2	387300 393000
11	Pollution Incidents to Controlled Waters Property Type: Pollution Found Source Not Determined Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: Cringle Brook Incident Date: 24th February 1995 Incident Reference: 95640384 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	A19SW (NE)	800	2	387400 393400
12	Pollution Incidents to Controlled Waters Property Type: Connection To Surface Drains Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Unknown Sewage Note: Cringle Brook Incident Date: 30th May 1992 Incident Reference: 92640900 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	A18NW (N)	806	2	386500 393695
12	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: Unknown Sewage Note: Cringle Brook Incident Date: 22nd April 1992 Incident Reference: 92640653 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	811	2	386500 393700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Pollution Incidents to Controlled Waters Property Type: Connection To Surface Drains Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Other Note: Cringle Brook Incident Date: 3rd April 1991 Incident Reference: 91640840 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	A19NW (NE)	811	2	387200 393600
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Cringle Brook; No Pollution Found Incident Date: 1st August 1994 Incident Reference: 94641756 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	A19SE (NE)	829	2	387500 393295
14	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: Cringle Brook Incident Date: 9th August 1994 Incident Reference: 94641816 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	A19SE (NE)	831	2	387500 393300
15	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: Cringle Brook Incident Date: 25th July 1994 Incident Reference: 94641671 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	A19SW (NE)	864	2	387400 393500
16	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: Cringle Brook Incident Date: 25th May 1995 Incident Reference: 95641250 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	A19SE (NE)	882	2	387500 393400
17	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Fire water / Foam Note: Cringle Brook Incident Date: 20th November 1995 Incident Reference: 95642823 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	885	2	387600 393200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	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: Cringle Brook; Oily Scum Incident Date: 4th July 1991 Incident Reference: 91641024 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	A19NW (NE)	934	2	387400 393600
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Cringle Brook; No Pollution Found Incident Date: 2nd March 1995 Incident Reference: 95640435 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	A17SW (NW)	957	2	385900 393400
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Heating Oil Note: Cringle Brook Incident Date: 2nd September 1992 Incident Reference: 92641593 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	A12SW (W)	972	2	385800 392600
21	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 Incident Date: 8th January 1996 Incident Reference: 96640054 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)	980	2	387700 393200
	River Quality Name: Cringle Bk GQA Grade: River Quality B Reach: Qsl At Heaton Chapel To Platt Bk Estimated Distance (km): 4.8 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A13NE (N)	185	2	386770 393103
22	Water Abstractions Operator: Ocs Group Uk Ltd T/A Cannon Licence Number: 2569013021 Permit Version: 2 Location: Burnage Lane , Levenshulme, Manchester Authority: Environment Agency, North West Region Abstraction: Industrial; Commercial And Public Services: Laundry Use Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Burnage Lane, Levenshulme Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th January 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (S)	66	2	386720 392830

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	Water Abstractions Operator: Cannon Hygiene Limited Licence Number: 2569013021 Permit Version: 1 Location: Burnage Lane , Levenshulme, Manchester Authority: Environment Agency, North West Region Abstraction: Industrial; Commercial And Public Services: Laundry Use Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Burnage Lane, Levenshulme Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th March 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (S)	66	2	386720 392830
23	Water Abstractions Operator: Mr Brian McCrae Licence Number: 2569013020 Permit Version: 102 Location: Borehole At Heaton Moor Golf Club, Stockport 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 Heaton Moor Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 8th April 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	916	2	387260 392130
23	Water Abstractions Operator: Colin Denny Licence Number: 2569013020 Permit Version: 101 Location: Borehole At Heaton Moor Golf Club, Stockport 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 Heaton Moor Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	916	2	387260 392130
23	Water Abstractions Operator: Heaton Moor Golf Club Licence Number: 2569013020 Permit Version: 100 Location: Borehole At Heaton Moor Golf Club, Stockport 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): 50 Yearly Rate (m3): 8000 Details: Land At Heaton Moor Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 18th March 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	916	2	387260 392130

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Water Abstractions Operator: Heaton Moor Golf Club Limited Licence Number: 2569013020 Permit Version: 104 Location: Borehole At Heaton Moor Golf Club, Stockport 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 Heaton Moor Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 9th August 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	918	2	387258 392126
23	Water Abstractions Operator: The Trustees Of Heaton Moor Golf Club Licence Number: 2569013020 Permit Version: 103 Location: Borehole At Heaton Moor Golf Club, Stockport 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 Heaton Moor Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th June 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	918	2	387258 392126
	Water Abstractions Operator: United Biscuits (Uk) Limited Licence Number: 2569011040 Permit Version: 1 Location: Borehole At Crossley Rd Levenshulme Authority: Environment Agency, North West Region Abstraction: Food And Drink: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 3rd October 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15SW (E)	1201	2	387960 392840
	Water Abstractions Operator: United Biscuits (Uk) Limited Licence Number: 2569011037 Permit Version: 101 Location: Borehole At Crossley Rd Levenshulme Authority: Environment Agency, North West Region Abstraction: Food And Drink: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Crossley Road Levenshulme Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15SW (E)	1201	2	387960 392840

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mcvities Uk Licence Number: 2569011037 Permit Version: 100 Location: Borehole At Crossley Rd Levenshulme Authority: Environment Agency, North West Region Abstraction: Food And Drink: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 700 Yearly Rate (m3): 170000 Details: Land At Crossley Road Levenshulme Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th March 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15SW (E)	1201	2	387960 392840
	Water Abstractions Operator: Renold Power Transmission Limited Licence Number: 2569013002 Permit Version: Not Supplied Location: Borehole, DIDSBURY Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 455 Yearly Rate (m3): 45460 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2SE (S)	1531	2	386400 391400
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: Superficial: 3-10m Thickness: Superficial: Low Recharge:	A13SW (SE)	0	5	386743 392908
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: Superficial: 3-10m Thickness: Superficial: Low Recharge:	A13NE (NE)	0	5	386757 392917
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NE (NE)	0	5	386757 392917
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A13SW (SE)	0	5	386743 392908
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (SE)	0	5	386743 392908

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A17NE (NW)	993	2	386316 393825
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	64	2	386782 392978
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 493.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A13SW (W)	132	6	386595 392878
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 169.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (N)	143	6	386713 393064
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A13NW (NW)	235	6	386554 393079
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A13NW (NW)	273	6	386540 393118
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A13SW (S)	310	6	386652 392595
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 339.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A8NW (S)	334	6	386715 392561

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A13NW (NW)	366	6	386496 393205
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (NW)	411	6	386500 393264
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A18SW (NW)	418	6	386477 393256
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A18SW (NW)	459	6	386465 393297
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A18SW (NW)	500	6	386442 393332
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A18SW (NW)	520	6	386430 393348
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 175.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A8NE (SE)	571	6	387003 392380
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	575	6	386366 393369
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	580	6	386361 393371

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	621	6	386317 393387
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	622	6	386316 393387
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	656	6	386269 393390
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 240.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A9NW (SE)	689	6	387168 392343
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	689	6	387168 392343
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 249.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	719	6	386208 393418
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 273.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	727	6	386170 393387
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 410.3 Watercourse Level: Underground Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A18NE (N)	739	6	386803 393657
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 140.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	742	6	386599 393652

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	750	6	387257 392336
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 196.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A18NE (N)	758	6	387028 393627
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	766	6	386491 393651
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	768	6	386307 393563
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 115.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	768	6	386308 393564
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A18NW (NW)	770	6	386437 393635
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	770	6	386443 393636
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A19NW (NE)	809	6	387210 393591
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	812	6	387370 392363

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	812	6	387370 392363
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	835	6	387289 393565
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 278.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	848	6	387341 393537
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	848	6	387339 393538
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: Underground Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A19SE (NE)	892	6	387515 393396
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A19SE (NE)	895	6	387518 393396
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9SW (SE)	901	6	387233 392130
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A9SW (SE)	903	6	387246 392136
66	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 45.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	910	6	387010 392021

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.8 Watercourse Level: Underground Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A19SE (NE)	914	6	387576 393333
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	931	6	387050 392011
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 165.4 Watercourse Level: Underground Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A17SW (NW)	950	6	385920 393420
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2598.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fallowfield Brook Catchment Name: Mersey Primacy: 1	A18NE (N)	952	6	386757 393873
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 317.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cringle Brook Catchment Name: Mersey Primacy: 1	A19SE (NE)	952	6	387620 393328
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A9SW (SE)	977	6	387290 392077
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9SW (SE)	977	6	387290 392077
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9SW (SE)	992	6	387265 392043

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	Licensed Waste Management Facilities (Locations) Licence Number: 403505 Location: Crossley Park Industrial Estate, Crossley Road, Stockport, Cheshire, SK4 5BB Operator Name: L A R Limited Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Asbestos Waste Transfer Station Licence Status: Issued Issued: 26th September 2016 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	874	2	387631 392835
	Local Authority Landfill Coverage Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency		0	7	386743 392908
	Local Authority Landfill Coverage Name: Stockport Metropolitan Borough Council - Has not been able to supply Landfill data		569	4	387320 392802
76	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (W)	169	-	386558 392920
77	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A13NE (NE)	189	-	386906 393039
78	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A13SE (SE)	206	-	386897 392745
79	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A13NE (NE)	221	-	386854 393118
80	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13NE (E)	229	-	386974 393003
81	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A13NE (NE)	278	-	386988 393079
82	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A13SW (SW)	302	-	386597 392623
83	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A13SW (W)	318	-	386408 392906
84	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A13NW (W)	320	-	386416 392986
85	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A13SE (SE)	325	-	386892 392599
86	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (W)	339	-	386387 392876
87	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13NE (NE)	352	-	387078 393071
88	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A18SE (NE)	371	-	386922 393253
89	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A14SW (E)	406	-	387165 392877

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A18SE (NE)	411	-	387005 393249
91	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14NW (NE)	446	-	387169 393100
92	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A8NE (SE)	459	-	386979 392493
93	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (SE)	466	-	387189 392720
94	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A8NW (S)	477	-	386583 392441
95	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (E)	520	-	387261 393063
96	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	523	-	386381 392503
97	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A8NE (S)	529	-	386748 392365
98	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A12SE (SW)	542	-	386287 392577
99	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A12SE (W)	554	-	386191 392752
100	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (E)	563	-	387298 393088
101	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A18SE (NE)	569	-	387064 393400
102	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (S)	590	-	386615 392317
103	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A8NE (S)	597	-	386866 392308
104	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (E)	613	-	387361 392786
105	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A8NE (S)	636	-	386837 392263
106	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A18SW (NW)	640	-	386436 393491
107	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A19SW (NE)	645	-	387163 393423
108	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SW (NE)	651	-	387319 393254
109	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A7NE (SW)	666	-	386227 392455
110	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	691	-	386387 392294

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A17SE (NW)	699	-	386321 393490
112	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	706	-	387378 392560
113	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SE (NE)	708	-	387047 393566
114	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A19SW (NE)	729	-	387406 393259
115	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	732	-	387493 392901
116	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A18NE (N)	744	-	386858 393656
117	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	747	-	387502 392816
118	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	749	-	386191 392371
119	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	749	-	386640 393665
120	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	765	-	387517 393038
121	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A18NW (NW)	766	-	386438 393630
122	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A18NW (N)	768	-	386478 393648
123	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	783	-	386784 392111
124	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	785	-	386354 392205
125	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A19SW (NE)	795	-	387198 393583
126	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	821	-	386112 392350
127	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8SE (S)	844	-	386758 392050
128	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A7SE (SW)	849	-	386365 392127
129	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	865	-	385994 392436
130	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A17NE (NW)	873	-	386233 393641
131	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9SW (SE)	893	-	387253 392153

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	899	-	386190 392174
133	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8SW (S)	909	-	386639 391992
134	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NW (W)	924	-	385820 393092
135	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A17SW (NW)	933	-	386058 393571
136	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SW (NW)	955	-	385857 393314
137	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	957	-	387005 393843
138	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SW (NW)	959	-	385913 393427
139	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9NE (SE)	983	-	387563 392333
140	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17NE (NW)	991	-	386293 393812
141	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A8SW (S)	994	-	386594 391911

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Permian Rocks (Undifferentiated)	A13SW (SE)	0	1	386743 392908
	BGS 1:625,000 Solid Geology Description: Permian Rocks (Undifferentiated)	A13SW (SW)	0	1	386737 392904
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A13NE (NE)	0	1	386757 392917
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SW (SE)	0	1	386743 392908
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SW (SW)	144	1	386599 392828
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SW (W)	226	1	386500 392908
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (NW)	246	1	386500 393011

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (S)	394	1	386743 392500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	395	1	386782 392500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (NE)	434	1	387138 393134
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (SE)	444	1	387000 392524
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (SW)	456	1	386500 392500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SW (NW)	505	1	386500 393373

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (NE)	517	1	387000 393377
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12NW (W)	733	1	386000 393000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	841	1	386752 393763
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	851	1	386500 393742
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	865	1	386897 392041
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (S)	894	1	386743 392000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	899	1	386846 392000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	911	1	387066 392038
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	927	1	387000 392000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (S)	927	1	387001 392000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel <15 mg/kg Concentration:	A17NE (NW)	942	1	386281 393751
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19SE (NE)	944	1	387517 393484

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (S)	955	1	387090 392000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (SE)	972	1	387137 392000
	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	A13SW (SE)	0	1	386743 392908
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	386743 392908
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	386743 392908
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	386743 392908
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	386743 392908
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	386743 392908
	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	A13SW (SE)	0	1	386743 392908
	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	A13SW (SE)	0	1	386743 392908

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
142	Contemporary Trade Directory Entries Name: Cannon Textile Care Ltd Location: 210, Burnage Lane, Manchester, M19 1FL Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	92	-	386709 392805
142	Contemporary Trade Directory Entries Name: Smarts Laundries Location: 210, Burnage Lane, Manchester, M19 1FL Classification: Industrial Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	92	-	386709 392805
143	Contemporary Trade Directory Entries Name: Londonsons Ltd Location: 37, Avon Road, Manchester, M19 1HW Classification: Machine Tool Accessories & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	239	-	386981 392810
144	Contemporary Trade Directory Entries Name: Handy Clean Location: 260, Burnage Lane, Manchester, M19 1EN Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	257	-	386722 392639
145	Contemporary Trade Directory Entries Name: Climate A C S Air Conditioning Location: 45, Avon Road, Manchester, M19 1HW Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	307	-	387045 392787
146	Contemporary Trade Directory Entries Name: Epos G-Tech Ltd Location: 202, Mauldeth Road, Manchester, M19 1AJ Classification: Cash Registers & Check-Out Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	357	-	386375 392828
147	Contemporary Trade Directory Entries Name: Home Car Valeting Location: 2, Jersey Close, Manchester, M19 2NU Classification: Car Washing & Polishing Equipment & Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	362	-	386851 393269
148	Contemporary Trade Directory Entries Name: Clyde Tyres Location: 10, Arbor Avenue, Manchester, M19 1FU Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	376	-	387085 393109
149	Contemporary Trade Directory Entries Name: Northern Vacs & Washers Location: 9, Alexandra Drive, Manchester, M19 2WW Classification: Washing Machines - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	414	-	386835 393326
149	Contemporary Trade Directory Entries Name: Silk Road Prints Location: 19, ALEXANDRA DRIVE, MANCHESTER, M19 2WW Classification: T-Shirts Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	456	-	386839 393367
150	Contemporary Trade Directory Entries Name: K K Damp Proofing Location: 251, Kingsway, Manchester, M19 1AL Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	418	-	386310 392855
150	Contemporary Trade Directory Entries Name: 999print Location: 251, Kingsway, Manchester, Lancashire, M19 1AL Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	418	-	386310 392855

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
151	Contemporary Trade Directory Entries Name: Texaco Location: 138, Kingsway, Manchester, M19 1BB Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	441	-	386301 393029
152	Contemporary Trade Directory Entries Name: Kingsway Car Centre Location: 140, Kingsway, Manchester, M19 1BB Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	452	-	386280 392975
152	Contemporary Trade Directory Entries Name: Printessentials.Co.Uk Location: 140, Kingsway, Manchester, M19 1BB Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	452	-	386280 392975
153	Contemporary Trade Directory Entries Name: Bentleys Location: 208, Errwood Road, Manchester, M19 1HX Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	472	-	386987 392484
154	Contemporary Trade Directory Entries Name: Vehicle Solutions Manchester Ltd Location: 1a Station Approach, Mauldeth Road, Manchester, Greater Manchester, M19 1BA Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NE (W)	503	-	386223 392914
155	Contemporary Trade Directory Entries Name: A T Equipment Sales Location: 42, Burnage Lane, Manchester, M19 2NL Classification: Commercial Vehicle Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	517	-	386782 393436
156	Contemporary Trade Directory Entries Name: Shine & Sparkle Cleaning Location: 15, Brookdene Road, Manchester, M19 1BQ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	535	-	386283 392596
157	Contemporary Trade Directory Entries Name: Khan Zada Food Location: 1a Mauldeth Rd, Manchester, Lancashire, M19 1BA Classification: Frozen Food Processors & Distributors Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NE (W)	552	-	386176 392940
158	Contemporary Trade Directory Entries Name: T O'Neill Location: 45, Burnage Hall Road, Manchester, M19 2JP Classification: French Polishing Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	553	-	386637 393467
159	Contemporary Trade Directory Entries Name: Baxter Location: Unit 1, Boundary Court, Crossley Road, Heaton Chapel, Stockport, Cheshire, SK4 5GA Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	656	-	387391 393105
159	Contemporary Trade Directory Entries Name: Baxter Healthcare Ltd Location: Unit 1, Boundary Court, Crossley Road, Heaton Chapel, Stockport, SK4 5GA Classification: Chemists' & Pharmacists' Suppliers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	660	-	387393 393112

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	Contemporary Trade Directory Entries Name: Baxter Location: Unit 1, Boundary Court, Crossley Road, Heaton Chapel, Stockport, SK4 5GA Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	660	-	387393 393112
159	Contemporary Trade Directory Entries Name: Y R G Manchester Location: Unit 3, Boundary Court, Crossley Road, Heaton Chapel, Stockport, Cheshire, SK4 5GA Classification: Lithographic Plate Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	705	-	387438 393117
160	Contemporary Trade Directory Entries Name: W F E L Location: Sir Richard Fairey Road, Heaton Chapel, Stockport, SK4 5DY Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	672	-	387427 392823
161	Contemporary Trade Directory Entries Name: Boxer Design & Manufacturing Ltd Location: UNIT 2, BOUNDARY COURT, CROSSLEY ROAD, HEATON CHAPEL, STOCKPORT, SK4 5GA Classification: Sheet Metal Working Equipment & Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	678	-	387422 393071
162	Contemporary Trade Directory Entries Name: Talbot Road Garage Location: 1, Talbot Road, Fallowfield, Manchester, M14 6TA Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	698	-	386055 393101
162	Contemporary Trade Directory Entries Name: R R S Location: 1, Talbot Road, Fallowfield, Manchester, M14 6TA Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	698	-	386055 393101
162	Contemporary Trade Directory Entries Name: Just Rubbers Location: 1, Talbot Road, Fallowfield, Manchester, M14 6TA Classification: Tyre Repairs & Retreading Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	698	-	386058 393113
162	Contemporary Trade Directory Entries Name: R & B Motors Location: 1, St. Georges Road, Manchester, M14 6SX Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	739	-	386020 393132
163	Contemporary Trade Directory Entries Name: Seasia Consultants Ltd Location: 7, Acorn Close, Manchester, M19 2HS Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	742	-	386676 393662
164	Contemporary Trade Directory Entries Name: Dress My Windows Location: 8, Kempton Road, Manchester, M19 2GJ Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	747	-	387002 393625
165	Contemporary Trade Directory Entries Name: Sylvia'S Candles Location: 26, Bowers Street, Ladybarn, Manchester, M14 6SU Classification: Candle Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	748	-	386026 393176

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
166	Contemporary Trade Directory Entries Name: R T Wall Care Location: 16, Ranford Road, Manchester, M19 2GL Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	754	-	387137 393572
166	Contemporary Trade Directory Entries Name: Dave Bradley Renovations Location: 16, Ranford Road, Manchester, M19 2GL Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	754	-	387137 393572
167	Contemporary Trade Directory Entries Name: Siraj Light Ltd Location: 4 Central Buildings, Kingsway, Manchester, M19 1SP Classification: Lampshade Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	776	-	386170 392354
167	Contemporary Trade Directory Entries Name: The Print Store Location: 3, Kingsway Buildings, Kingsway, Manchester, Lancashire, M19 1PH Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	795	-	386169 392329
167	Contemporary Trade Directory Entries Name: Site Clean Ltd Location: 3a, Kingsway Buildings, Kingsway, Manchester, M19 1PH Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	796	-	386183 392313
168	Contemporary Trade Directory Entries Name: Rodney House Assessment Centre Location: Rodney House, 388, Slade Lane, Manchester, M19 2HT Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	811	-	386709 393733
169	Contemporary Trade Directory Entries Name: David Anthony Chauffeurs Ltd Location: Discovery House, Crossley Road, Stockport, SK4 5BH Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	821	-	387571 393055
170	Contemporary Trade Directory Entries Name: P T S Handling Location: 55, Linden Park, Manchester, M19 2PG Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	823	-	387003 393704
171	Contemporary Trade Directory Entries Name: G R Hullock 1994 Ltd Location: Discovery Park, Crossley Road, Stockport, SK4 5DZ Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	833	-	387594 392931
171	Contemporary Trade Directory Entries Name: Premier Van Sales Location: UNIT 9, DISCOVERY PARK, CROSSLEY ROAD, HEATON CHAPEL, STOCKPORT, SK4 5DZ Classification: Commercial Vehicle Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	833	-	387594 392931
172	Contemporary Trade Directory Entries Name: A S D Location: 101, Mauldeth Road, Manchester, M14 6SR Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	855	-	385920 393201

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
172	Contemporary Trade Directory Entries Name: Lady Bar Launderette Location: 99, Mauldeth Road, Manchester, M14 6SR Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	860	-	385917 393205
172	Contemporary Trade Directory Entries Name: Safein Location: 99, Mauldeth Road, Manchester, Lancashire, M14 6SR Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	860	-	385917 393205
173	Contemporary Trade Directory Entries Name: Swift Cargo & Travel Location: 468, Burnage Lane, Manchester, M19 1LH Classification: Cargo Handling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	862	-	386587 392045
173	Contemporary Trade Directory Entries Name: Wash World Location: 470-474, Burnage Lane, Manchester, M19 1LH Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	867	-	386585 392041
173	Contemporary Trade Directory Entries Name: Burnage Laundry Location: 470-474, Burnage Lane, Manchester, M19 1LH Classification: Laundries & Launderettes Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	867	-	386585 392041
174	Contemporary Trade Directory Entries Name: Shades Screenprint Ltd Location: Crossley Road, STOCKPORT, Cheshire, SK4 5DB Classification: Glass Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	873	-	387625 392785
174	Contemporary Trade Directory Entries Name: Beta Power Engineering Ltd Location: Precision Works, Discovery Park, Crossley Road, Stockport, SK4 5BN Classification: Electric Motor Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	873	-	387625 392785
174	Contemporary Trade Directory Entries Name: E Z Car Care Location: UNIT 5, DISCOVERY PARK, CROSSLEY ROAD, HEATON CHAPEL, STOCKPORT, SK4 5BF Classification: Car Washing & Polishing Equipment & Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	910	-	387665 392807
175	Contemporary Trade Directory Entries Name: The Handy Shop Location: 343-345, Kingsway, Manchester, M19 1NQ Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	878	-	386136 392246
176	Contemporary Trade Directory Entries Name: J & P Maffei Location: Unit 2, Davenhill Road, Manchester, M19 2JU Classification: Tool Sharpening, Repairing & Servicing Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	880	-	387379 393545
176	Contemporary Trade Directory Entries Name: Northern Butchers Supplies Ltd Location: Unit 2, Davenhill Road, Manchester, M19 2JU Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	881	-	387380 393546

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	Contemporary Trade Directory Entries Name: James & Bloom Ltd Location: Sales & Distribution, Crossley Park, Crossley Rd, Stockport, Cheshire, SK4 5DF Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	889	-	387634 393089
177	Contemporary Trade Directory Entries Name: International Van (UK) Location: Crossley Park, Crossley Rd, Stockport, Cheshire, SK4 5DF Classification: Roller Shutter Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	889	-	387634 393089
177	Contemporary Trade Directory Entries Name: Maal Transport Ltd Location: Crossley Park, Crossley Rd, Heaton Chapel, Stockport, Cheshire, SK4 5BF Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	889	-	387634 393089
177	Contemporary Trade Directory Entries Name: A W D Grab Hire Location: Unit 2, Crossley Park, Crossley Rd, Heaton Chapel, Stockport, Cheshire, SK4 5BF Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	889	-	387634 393089
177	Contemporary Trade Directory Entries Name: B 2 B 1 Print & Packaging Location: Crossley Park, Crossley Road, Heaton Chapel, Stockport, Cheshire, SK4 5BF Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	899	-	387648 393066
177	Contemporary Trade Directory Entries Name: Carton Craft Ltd Location: Unit 2/E, Crossley Park, Crossley Road, Heaton Chapel, STOCKPORT, Cheshire, SK4 5BF Classification: Boxes & Cartons Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	899	-	387648 393066
178	Contemporary Trade Directory Entries Name: E M Engineering Location: 100, Mauldeth Road, Manchester, M14 6SQ Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	892	-	385873 393176
179	Contemporary Trade Directory Entries Name: Cleaners Crazy Cleaners Location: 39, Overlea Drive, Manchester, M19 1QY Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (S)	910	-	386403 392045
180	Contemporary Trade Directory Entries Name: Floreeda Fabrications Ltd Location: Unit 2c, Crossley Park, Crossley Road, Heaton Chapel, Stockport, SK4 5BF Classification: Plastic Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	916	-	387673 393011
180	Contemporary Trade Directory Entries Name: Lookers Group Bodyshop Location: Unit 2c, Crossley Park, Crossley Road, Heaton Chapel, Stockport, SK4 5BF Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	916	-	387673 393011
180	Contemporary Trade Directory Entries Name: Senator Textile Services Location: UNIT 2B, CROSSLEY PARK, CROSSLEY ROAD, HEATON CHAPEL, STOCKPORT, SK4 5BF Classification: Textile Manufacturing Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	931	-	387690 392982

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
181	Contemporary Trade Directory Entries Name: Stone Washer Location: Flat 1, Winterley Court, 19-21, Errwood Road, Manchester, Lancashire, M19 2PN Classification: Blast Cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	952	-	387283 393714
182	Contemporary Trade Directory Entries Name: Inprime Logistics Management Ltd Location: Unit 3, Crossley Park, Crossley Road, Heaton Chapel, Stockport, Cheshire, SK4 5BF Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	957	-	387718 392941
183	Contemporary Trade Directory Entries Name: D H Kemp Location: 55, Kingsway, Manchester, M19 2LL Classification: Vacuum Cleaners - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	991	-	386574 393901
184	Contemporary Trade Directory Entries Name: Innova Design Solutions Ltd Location: Unit 4, Crossley Park, Crossley Road, Heaton Chapel, Stockport, Cheshire, SK4 5BF Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	995	-	387753 392847
185	Fuel Station Entries Name: Kingsway Burnage Service Station Location: 138, Kingsway, Burnage, Manchester, Greater Manchester, M19 1BB Brand: TEXACO Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A12NE (W)	438	-	386304 393029
186	Points of Interest - Commercial Services Name: Home Car Valeting Location: 2 Jersey Close, Manchester, M19 2NU Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18SE (N)	362	8	386851 393269
187	Points of Interest - Commercial Services Name: P B Carstyle Location: 22 Astor Road, Manchester, M19 2LX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	368	8	386407 393101
187	Points of Interest - Commercial Services Name: Phil Ball Location: 22 Astor Road, Manchester, M19 2LX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	368	8	386408 393101
187	Points of Interest - Commercial Services Name: Philip Ball Location: 22 Astor Road, Manchester, M19 2LX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	368	8	386408 393101
188	Points of Interest - Commercial Services Name: Nick Bennett Transport Location: 51 Grangethorpe Drive, Manchester, M19 2LR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (NW)	393	8	386544 393269
189	Points of Interest - Commercial Services Name: Kingsway Burnage Service Station Location: 138 Kingsway, Manchester, M19 1BB Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12NE (W)	438	8	386304 393029

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
189	Points of Interest - Commercial Services Name: Car Wash Location: 138 Kingsway, Manchester, M19 1BB Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12NE (W)	438	8	386304 393029
189	Points of Interest - Commercial Services Name: Sm Motors Location: Harwood Road Garage, Harwood Road, Stockport, SK4 3AW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	476	8	386254 392959
189	Points of Interest - Commercial Services Name: Vehicle Solutions Manchester Ltd Location: 1a Station Approach, Mauldeth Road, Manchester, M19 1BA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	484	8	386242 392897
190	Points of Interest - Commercial Services Name: E Ryan Haulage Ltd Location: 85 Broadlea Road, Manchester, M19 1ED Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	671	8	386309 392370
191	Points of Interest - Commercial Services Name: Just Rubbers Location: Workshop Next to 1, Talbot Road, Manchester, M14 6TA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	698	8	386058 393113
191	Points of Interest - Commercial Services Name: R & B Motors Location: 1 St Georges Road, Manchester, M14 6SX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	739	8	386020 393132
191	Points of Interest - Commercial Services Name: R & B Motors Location: 1 St. Georges Road, Manchester, M14 6SX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	746	8	386015 393138
192	Points of Interest - Commercial Services Name: M R B Auto Detailing & Valeting Location: 1 Ainsford Road, Manchester, M20 4ST Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7NW (SW)	856	8	385934 392570
193	Points of Interest - Commercial Services Name: Swift Cargo & Travel Location: 468 Burnage Lane, Manchester, M19 1LH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8SW (S)	862	8	386587 392046
194	Points of Interest - Commercial Services Name: Fallowfield Vehicle Deliveries Ltd Location: Discovery Park Crossley Road, Stockport, SK4 5DZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	889	8	387634 393089
194	Points of Interest - Commercial Services Name: Polar Ford Location: Unit 2/C Crossley Park, Crossley Road, Heaton Chapel, Stockport, SK4 5BF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	910	8	387665 393030
194	Points of Interest - Commercial Services Name: Polar Ford Location: Wellington Road, Stockport, Cheshire, SK4 2PD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	911	8	387665 393030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
195	Points of Interest - Commercial Services Name: Indupart Ltd Location: The Door Centre Discovery Park, Crossley Road, Stockport, SK4 5BW Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A14SE (E)	910	8	387657 392749
195	Points of Interest - Commercial Services Name: L A R Ltd Location: Unit 5 Discovery Park, Crossley Road, Heaton Chapel, Stockport, SK4 5BF Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A14SE (E)	910	8	387665 392807
195	Points of Interest - Commercial Services Name: G R Hullock 1994 Ltd Location: Discovery Park, Crossley Road, Stockport, SK4 5DZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	910	8	387657 392749
196	Points of Interest - Commercial Services Name: Auto Direct Location: Unit 1a Belvedere Road, Fallowfield, Manchester, M14 6PD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	966	8	386449 393846
196	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: 244a Moseley Road, Fallowfield, Manchester, M14 6PD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	977	8	386472 393865
196	Points of Interest - Commercial Services Name: Kpn Accident Repair Location: 244a Moseley Road, Fallowfield, Manchester, M14 6PD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	977	8	386472 393865
197	Points of Interest - Commercial Services Name: L A R Ltd Location: Crossley Park, Crossley Road, Heaton Chapel, Stockport, SK4 5BF Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A14SE (E)	995	8	387753 392847
197	Points of Interest - Commercial Services Name: L A R Ltd Location: Crossley Park, Crossley Road, Heaton Chapel, Stockport, SK4 5BF Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A14SE (E)	995	8	387753 392847
198	Points of Interest - Education and Health Name: Rodney House Assessment Centre Location: Rodney House 388, Slade Lane, Manchester, M19 2HT Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A18NW (N)	811	8	386709 393733
199	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	A13SW (S)	101	8	386708 392797
199	Points of Interest - Manufacturing and Production Name: Works Location: M19 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	101	8	386708 392797
200	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 (W)	474	8	386257 392966

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
201	Points of Interest - Manufacturing and Production Name: Works Location: SK4 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	647	8	387403 392836
201	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	654	8	387410 392837
201	Points of Interest - Manufacturing and Production Name: Works Location: SK4 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	723	8	387473 392782
202	Points of Interest - Manufacturing and Production Name: Works Location: SK4 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	681	8	387441 392958
202	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	A14NE (E)	689	8	387449 392959
202	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	A14NE (E)	697	8	387452 393012
202	Points of Interest - Manufacturing and Production Name: Works Location: SK4 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	697	8	387452 393012
203	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	731	8	387481 392784
204	Points of Interest - Manufacturing and Production Name: Rta Location: Discovery House, Crossley Road, Stockport, SK4 5BH Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A14NE (E)	822	8	387572 393055
205	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	870	8	387627 392834
205	Points of Interest - Manufacturing and Production Name: Tanks Location: SK4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	902	8	387658 392823
205	Points of Interest - Manufacturing and Production Name: Works Location: SK4 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	902	8	387656 392806

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
206	Points of Interest - Manufacturing and Production Name: Works Location: SK4 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	933	8	387681 392752
207	Points of Interest - Public Infrastructure Name: Kingsway Burnage Service Station Location: 138 Kingsway, Manchester, M19 1BB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12NE (W)	438	8	386304 393029
207	Points of Interest - Public Infrastructure Name: Texaco Location: 138 Kingsway, Manchester, M19 1BB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12NE (W)	441	8	386301 393029
207	Points of Interest - Public Infrastructure Name: Kingsway Burnage Sstn Location: 138 Kingsway, Manchester, M19 1BB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12NE (W)	441	8	386301 393029
207	Points of Interest - Public Infrastructure Name: Mauldeth Road Rail Station Location: M14 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A12NE (W)	508	8	386235 393039
207	Points of Interest - Public Infrastructure Name: Mauldeth Road Station Location: Aubrey Road, M14 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A12NE (W)	508	8	386235 393039
208	Points of Interest - Public Infrastructure Name: Sluice Location: M19 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	780	8	386825 392117
208	Points of Interest - Public Infrastructure Name: Sluice Location: M19 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	780	8	386834 392118
209	Points of Interest - Public Infrastructure Name: M C T Location: Unit 2c Crossley Park, Crossley Road, Heaton Chapel, Stockport, SK4 5BF Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A14NE (E)	916	8	387673 393011
210	Points of Interest - Public Infrastructure Name: Manchester Community Transport Location: Storage Compound Crossley Park, Crossley Road, Heaton Chapel, Stockport, SK4 5BF Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A14SE (E)	994	8	387753 392846
210	Points of Interest - Public Infrastructure Name: A W D Grabhire Location: Crossley Park, Crossley Road, Heaton Chapel, Stockport, SK4 5BF Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14SE (E)	995	8	387753 392847
211	Points of Interest - Recreational and Environmental Name: Playground Location: Errwood Road, M19 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A19SW (NE)	728	8	387289 393420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
211	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	A19SW (NE)	729	8	387291 393419
212	Points of Interest - Recreational and Environmental Name: Play Area Location: M20 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	770	8	385958 392950
212	Points of Interest - Recreational and Environmental Name: Skatepark Location: M20 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	801	8	385927 392961
213	Points of Interest - Recreational and Environmental Name: Play Area Location: M14 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	974	8	386072 393641

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Trafford Metropolitan Borough Council - Renewal and Environmental Protection Manchester City Council - Environmental Health Department Stockport Metropolitan Borough Council - Environment Team (Land & Water) Tameside Metropolitan Borough Council - Environmental Health Department	June 2020 November 2013 October 2017 October 2017 October 2017	Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	April 2023	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	January 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control Tameside Metropolitan Borough Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	June 2015 October 2014 October 2014 September 2014	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Tameside Metropolitan Borough Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	June 2015 October 2014 October 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Tameside Metropolitan Borough Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	June 2015 October 2014 October 2014 September 2014	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	May 2023	
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	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	April 2023	Quarterly
Water Abstractions Environment Agency - North West Region	April 2023	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	

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	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2023	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	April 2023	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

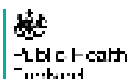
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	March 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - South Area	January 2023	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	January 2023	Quarterly
Local Authority Landfill Coverage Manchester City Council - Planning Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Manchester City Council - Planning Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
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	March 2023	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Manchester City Council - Planning Department Stockport Metropolitan Borough Council - Environment and Economic Development Trafford Metropolitan Borough Council Tameside Metropolitan Borough Council - Planning and Building Control	February 2016 February 2016 July 2023 June 2023	Variable Variable Variable Variable
Planning Hazardous Substance Consents Trafford Metropolitan Borough Council Manchester City Council - Planning Department Stockport Metropolitan Borough Council - Environment and Economic Development Tameside Metropolitan Borough Council - Planning and Building Control	April 2016 February 2016 February 2016 February 2016	Variable Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	September 2022	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	September 2022	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2023	Quarterly
Points of Interest - Education and Health PointX	June 2023	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2023	Quarterly
Points of Interest - Public Infrastructure PointX	June 2023	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2023	Quarterly
Underground Electrical Cables National Grid	February 2023	Bi-Annually

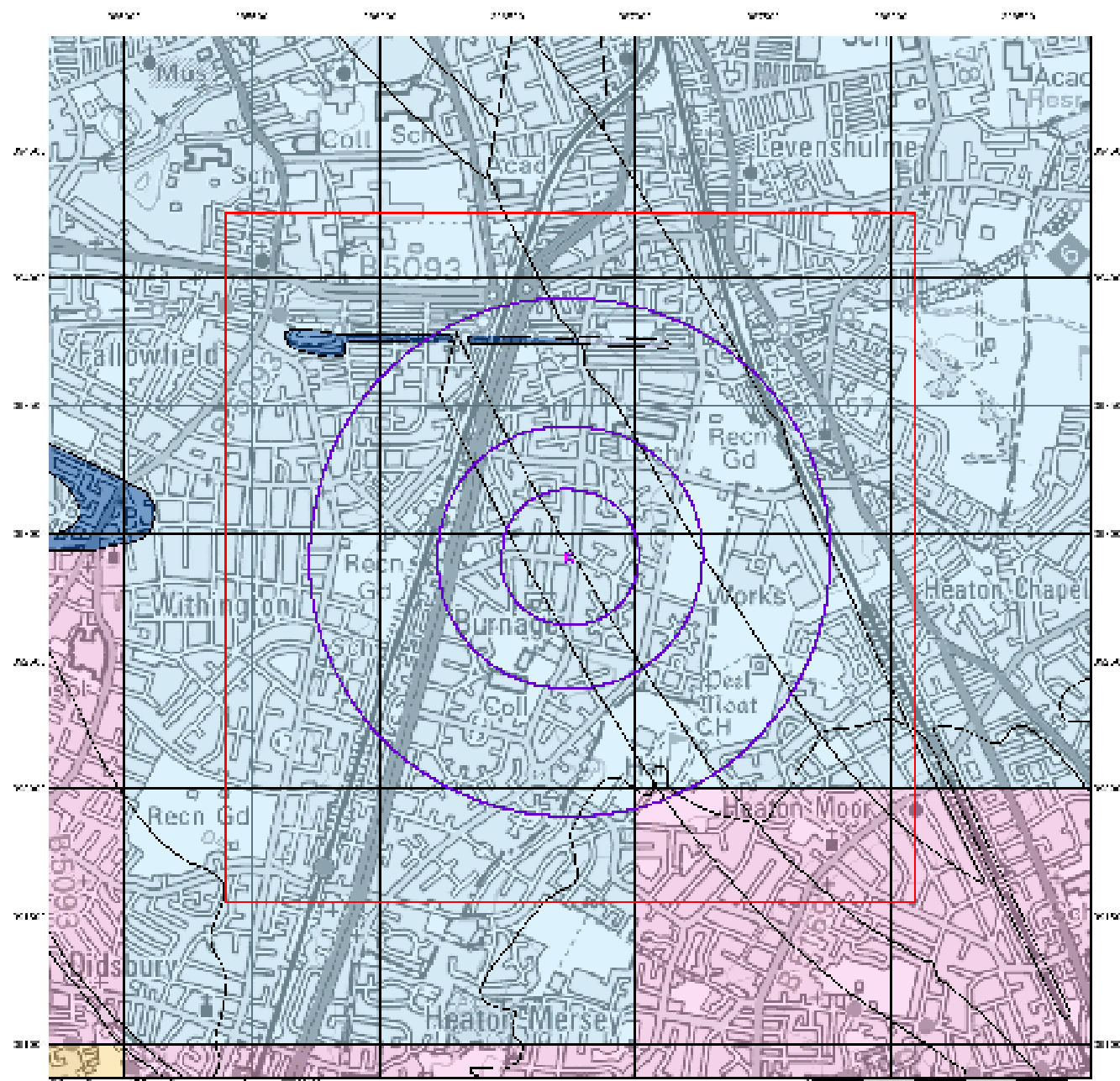
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2023	Bi-Annually
Areas of Adopted Green Belt Manchester City Council Stockport Metropolitan Borough Council Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council	July 2022 July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Manchester City Council Stockport Metropolitan Borough Council Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council	July 2022 July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	April 2023	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	March 2023	Bi-Annually
Marine Nature Reserves Natural England	April 2023	Bi-Annually
National Nature Reserves Natural England	February 2023	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 March 2023	Bi-Annually
Ramsar Sites Natural England	March 2023	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2023	Bi-Annually
Special Areas of Conservation Natural England	April 2023	Bi-Annually
Special Protection Areas Natural England	April 2023	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Manchester City Council - Environmental Health Department PO Box 463, Town Hall Extension, Albert Square, Manchester, Greater Manchester, M60 3NY	Telephone: 0161 234 4884 / 234 4873. Fax: 0161 234 4508 Website: www.manchester.gov.uk
4	Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Stopford House, Piccadilly, Stockport, SK1 3XE	Telephone: 0161 474 4210 Fax: 0161 477 8589 Email: environment.team@stockport.gov.uk Website: www.stockport.gov.uk
5	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
6	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
7	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
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	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.



GROUP:

Groundwater Vulnerability

CHINA



Agency and Hydrological

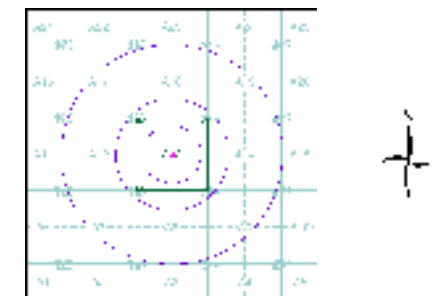
Feedback: Aquifers

[illegible]

■ **Importance of the study**

• **James**

Site Sensitivity Context Map - Slice A



Order Details

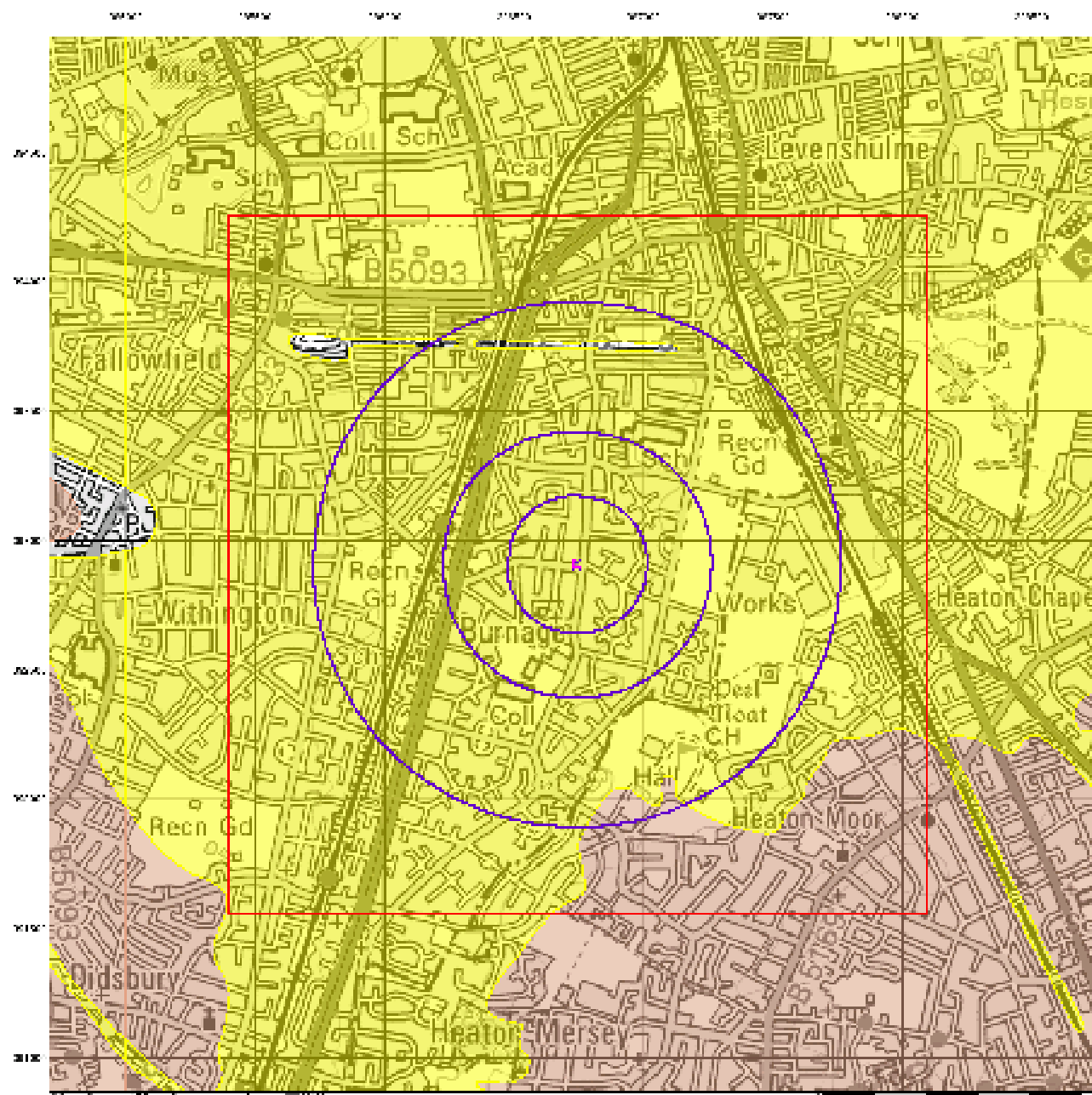
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Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

182, Burnage Lane, Manchester, M19 1EF

Landmark
Housing Group

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



GROUP:

Superficial Aquifer Designation

CHINA

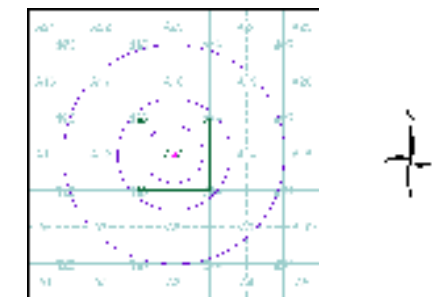
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Agency and Hydrological

Stacked Check+X

-  Financial Capital
-  Social Networks Capital
-  Accumulating Structure
-  Developing Capital Resources
-  Financial Resources
-  Capital
-  Accumulating Capital and Financial Capital

Site Sensitivity Context Map - Slice A



Order Details

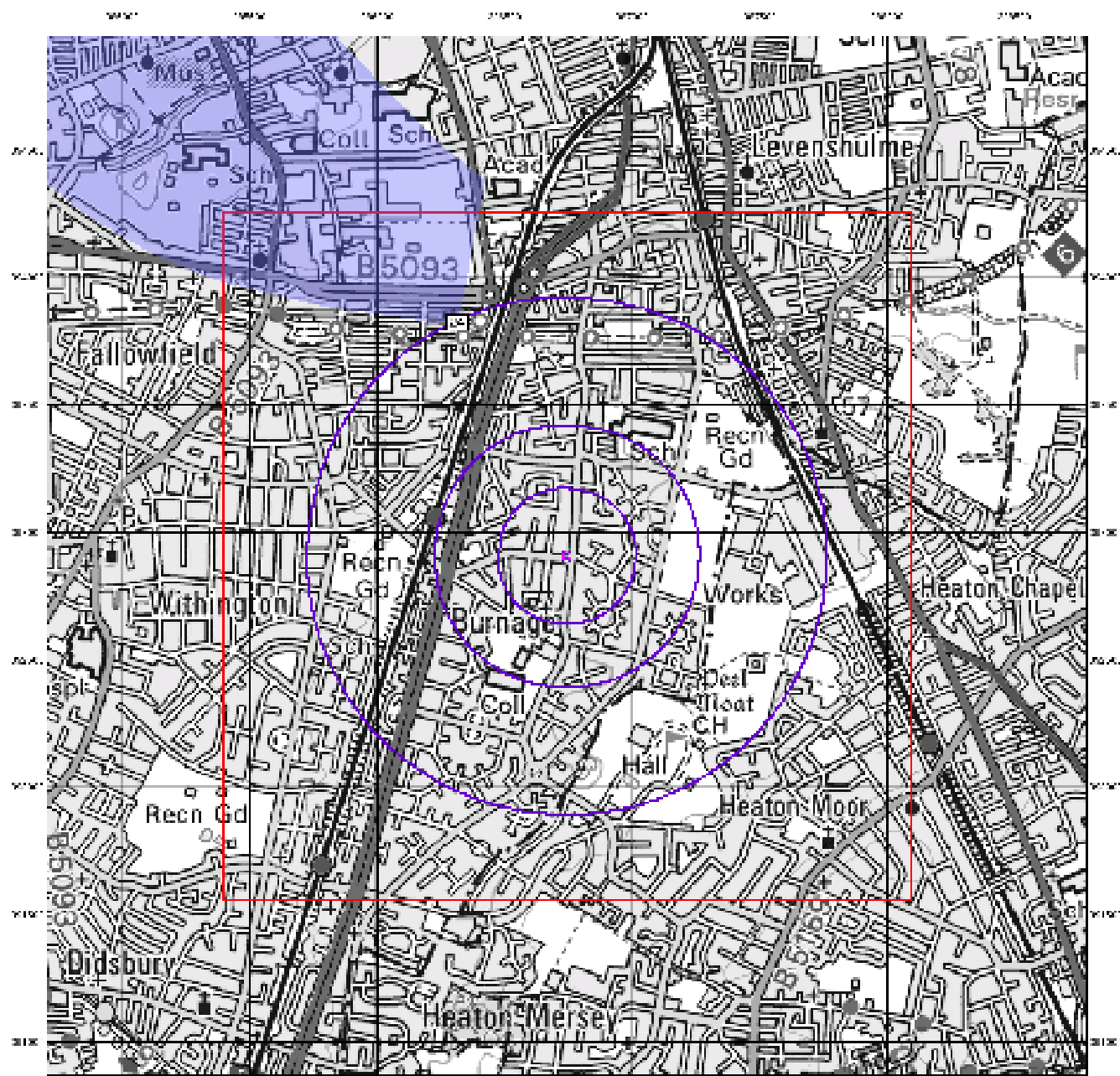
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Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
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Site Area (Ha): 0.09
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G R O U P

Source Protection Zones

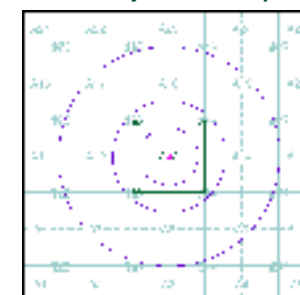
Ground

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

Agency and Hydrological

Watercourse
 Watercourse (Watercourse)
 Groundwater
 Groundwater (Groundwater)
 Groundwater (Groundwater)
 Groundwater (Groundwater)
 Groundwater (Groundwater)

Site Sensitivity Context Map - Slice A



Order Details

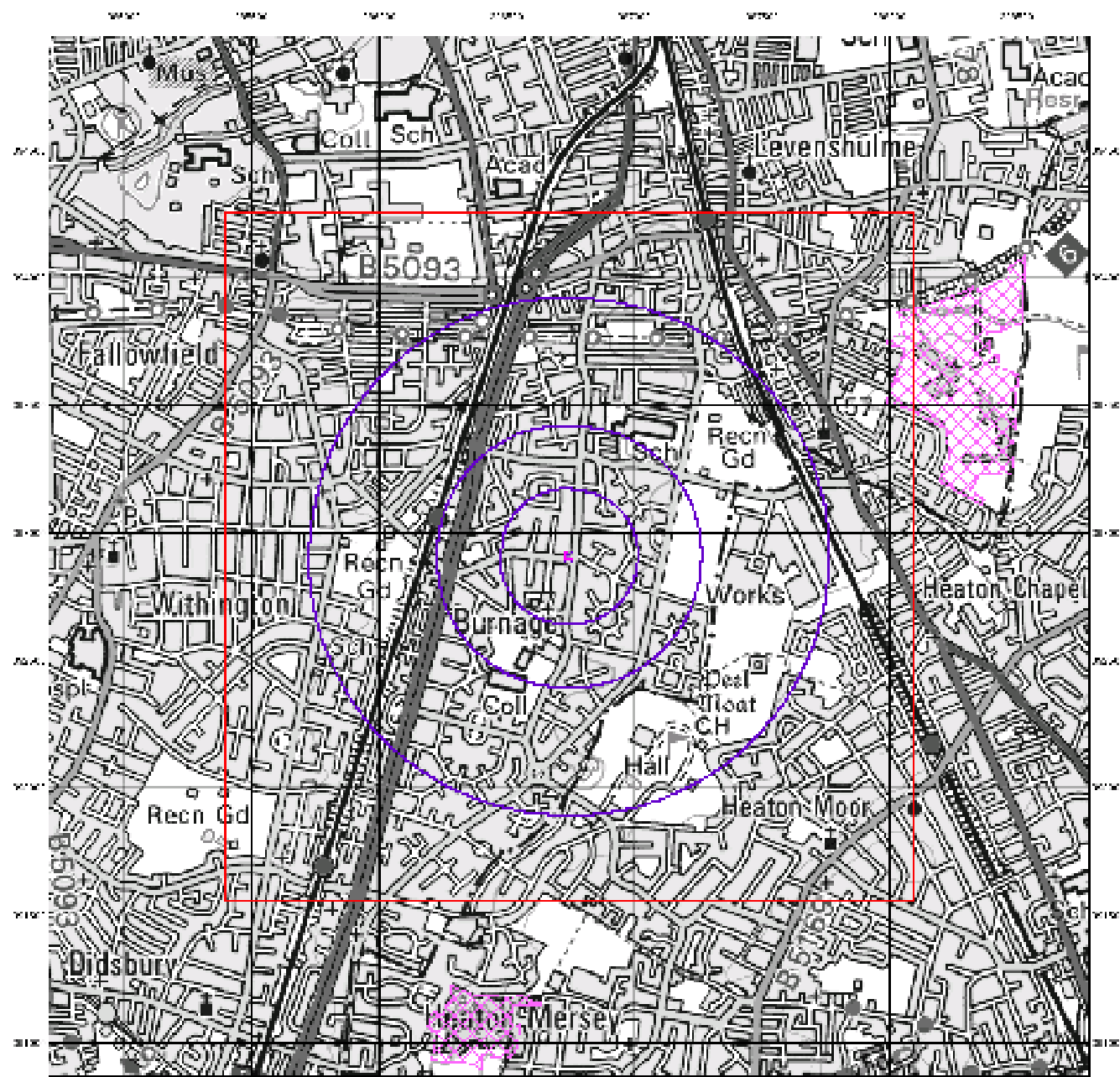
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Site Details

182, Burnage Lane, Manchester, M19 1EF



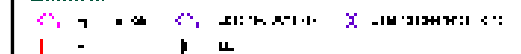
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



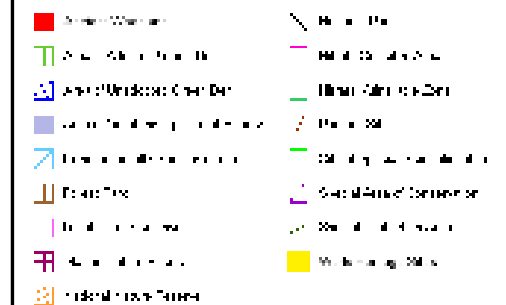
GROUP:

Sensitive Land Uses

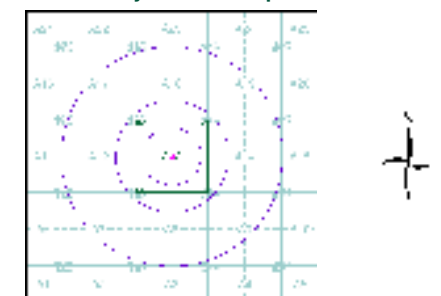
CHINA



Sensitive Land Units



Site Sensitivity Context Map - Slice A



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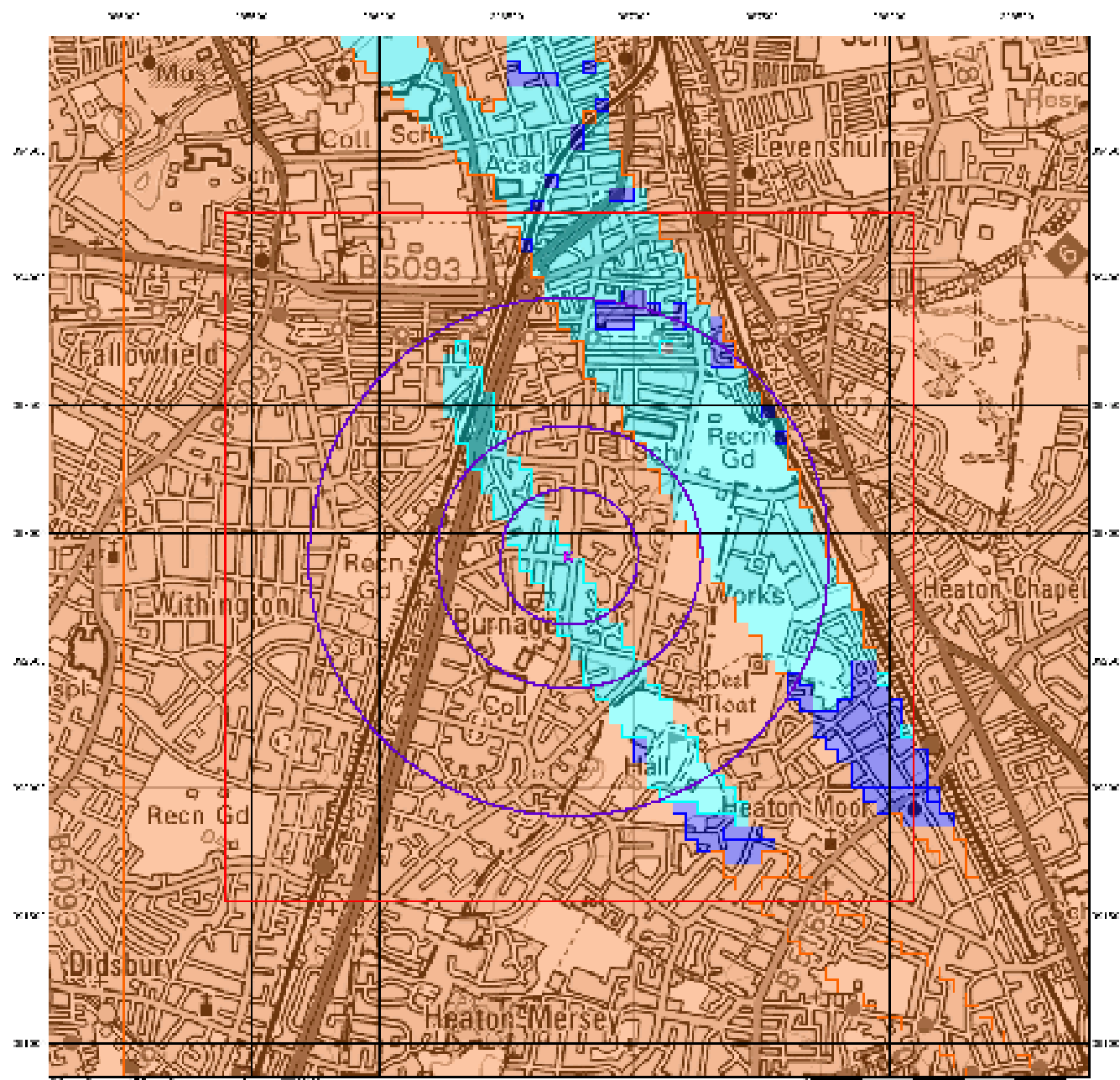
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Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

182, Burnage Lane, Manchester, M19 1EF

Landmark
Housing Group

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



GROUP:

BGS Flood GFS Data

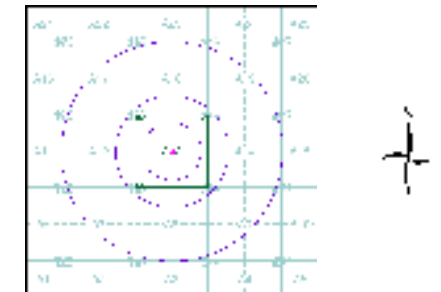
General

-

Agency and Hydrological (Final)

- **Final** decision is **Final** and **Unreviewable**
- **Precedential** – can now be binding on **sup. Ct.** **9th** **Circuit** **courts** **in** **future**
- **Precedential** – can now be binding on **9th** **Circuit** **courts**

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 314240471_1_1
Customer Ref: LKC 23 1116
National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

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Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	SSA	Shirdley Hill Sand Formation	Sand	Not Supplied - Devensian
	GFICD	Glaciofluvial Ice Contact Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHES	Chester Formation	Sandstone	Not Supplied - Olenekian
	CHES	Chester Formation	Sandstone, Pebbly (Gravelly)	Not Supplied - Olenekian
	WLSF	Wilmslow Sandstone Formation	Sandstone	Not Supplied - Early Triassic
	MM	Manchester Marls Formation	Mudstone	Not Supplied - GUADALUPIAN
	CS	Collyhurst Sandstone Formation	Sandstone	Not Supplied - Cisuralian
	HA	Halesowen Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	ETM	Etruria Formation	Sandstone and Mudstone	Not Supplied - Westphalian
		Faults		



Geology 1:50,000 Maps

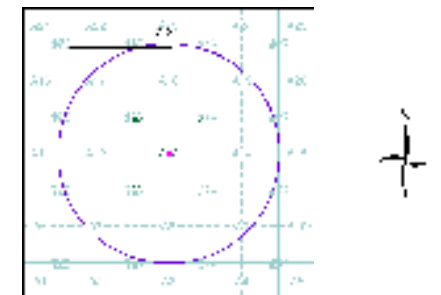
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

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

Geology 1:50,000 Maps - Slice A



Order Details:

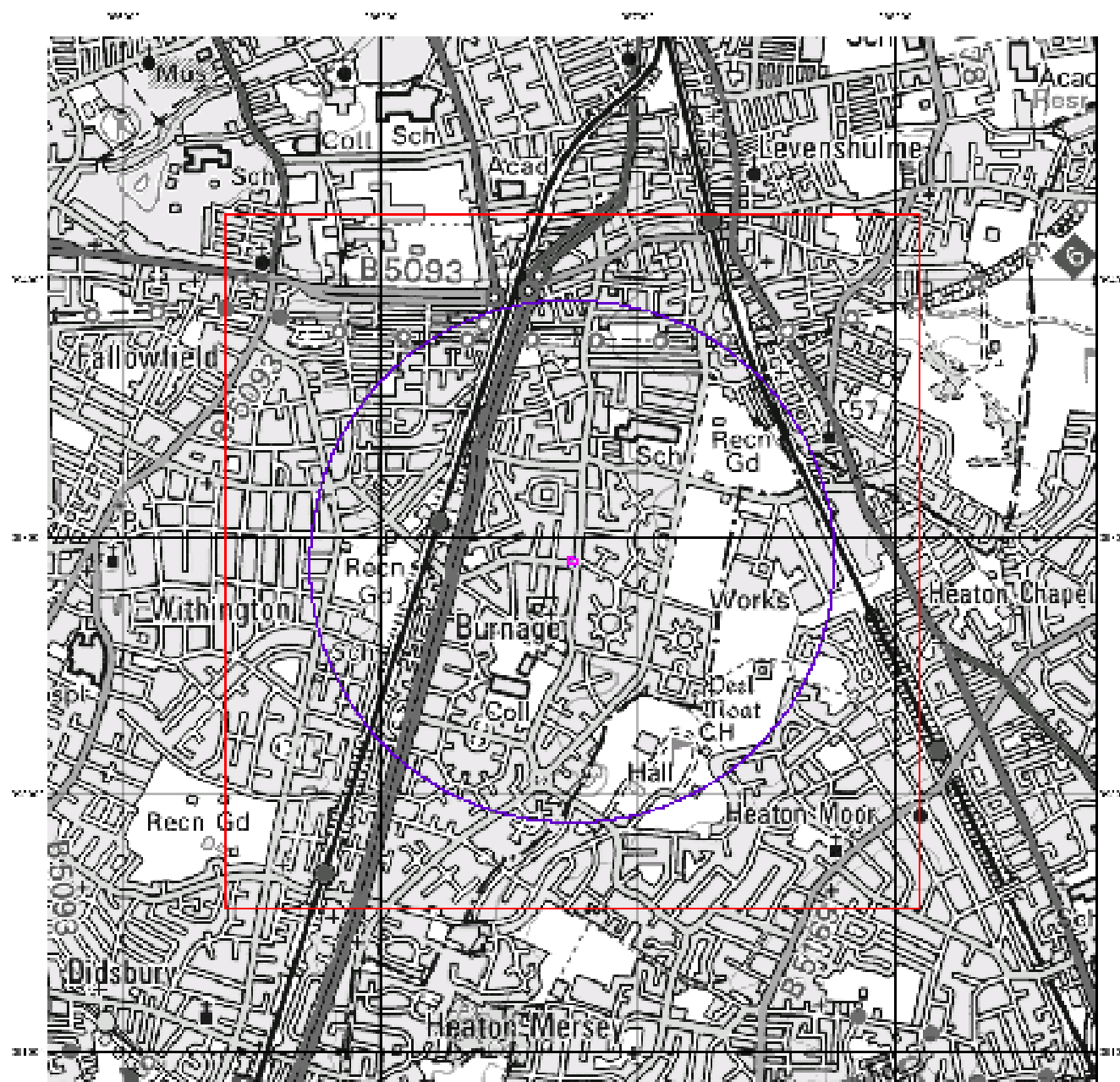
Order Number: 314240471_1_1
 Customer Reference: LKC 23 1116
 National Grid Reference: 386740, 392910
 Slice: A
 Site Area (Ha): 0.09
 Search Buffer (m): 1000

Site Details:

182, Burnage Lane, Manchester, M19 1EF



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Artificial Ground and Landslip

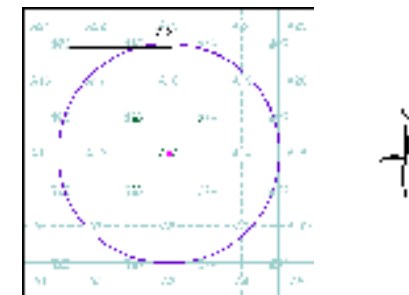
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial Ground and Landslip Map - Slice A



Order Details:

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 Customer Reference: LKC 23 1116
 National Grid Reference: 386740, 392910
 Slice: A
 Site Area (Ha): 0.09
 Search Buffer (m): 1000

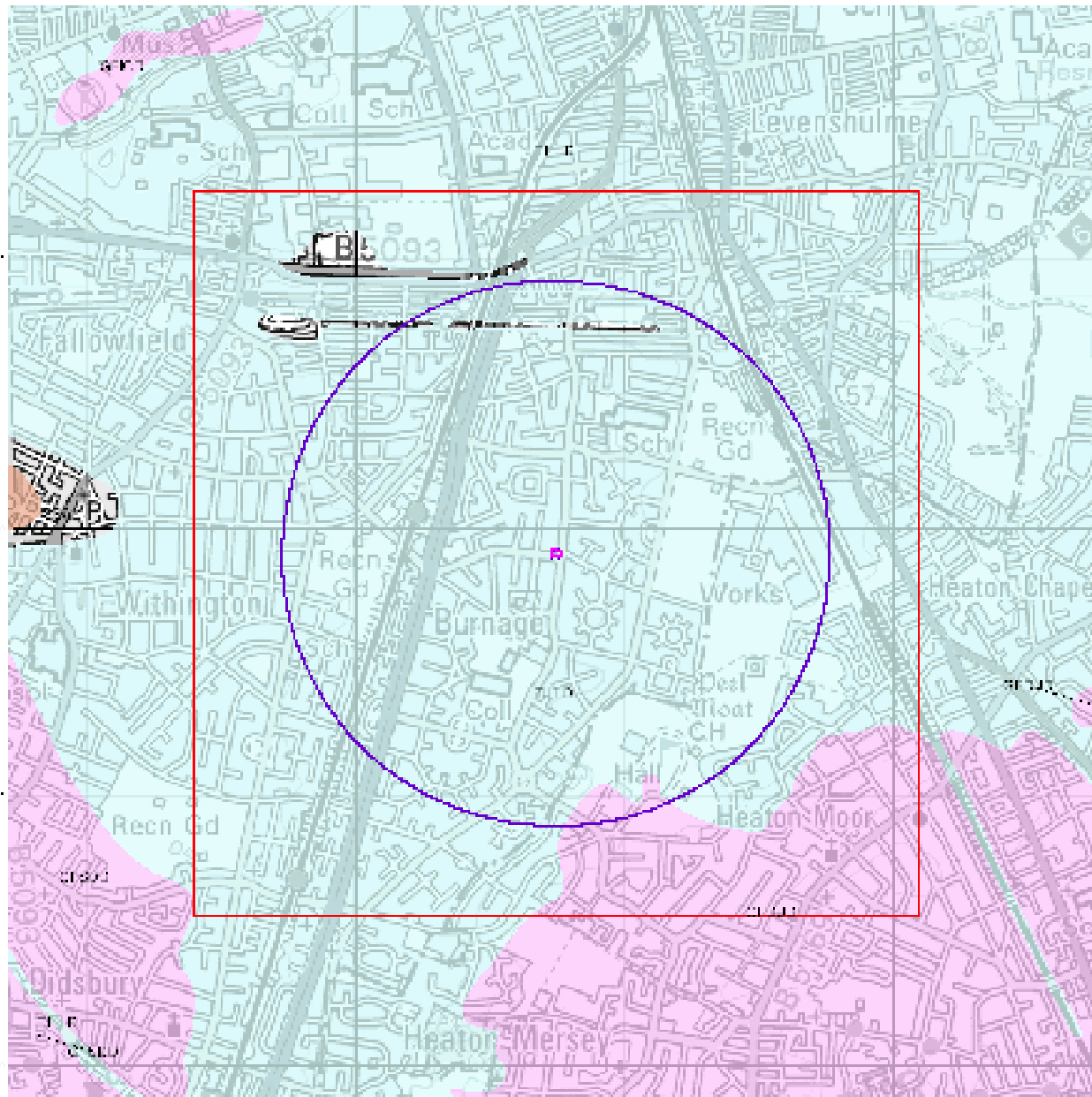
Site Details:

182, Burnage Lane, Manchester, M19 1EF



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

v15.0 14-Jul-2023



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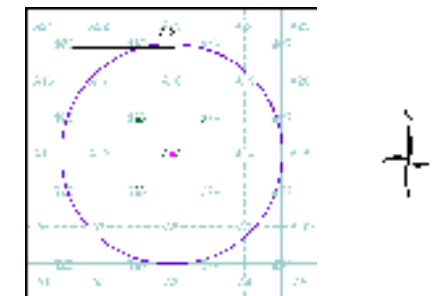
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

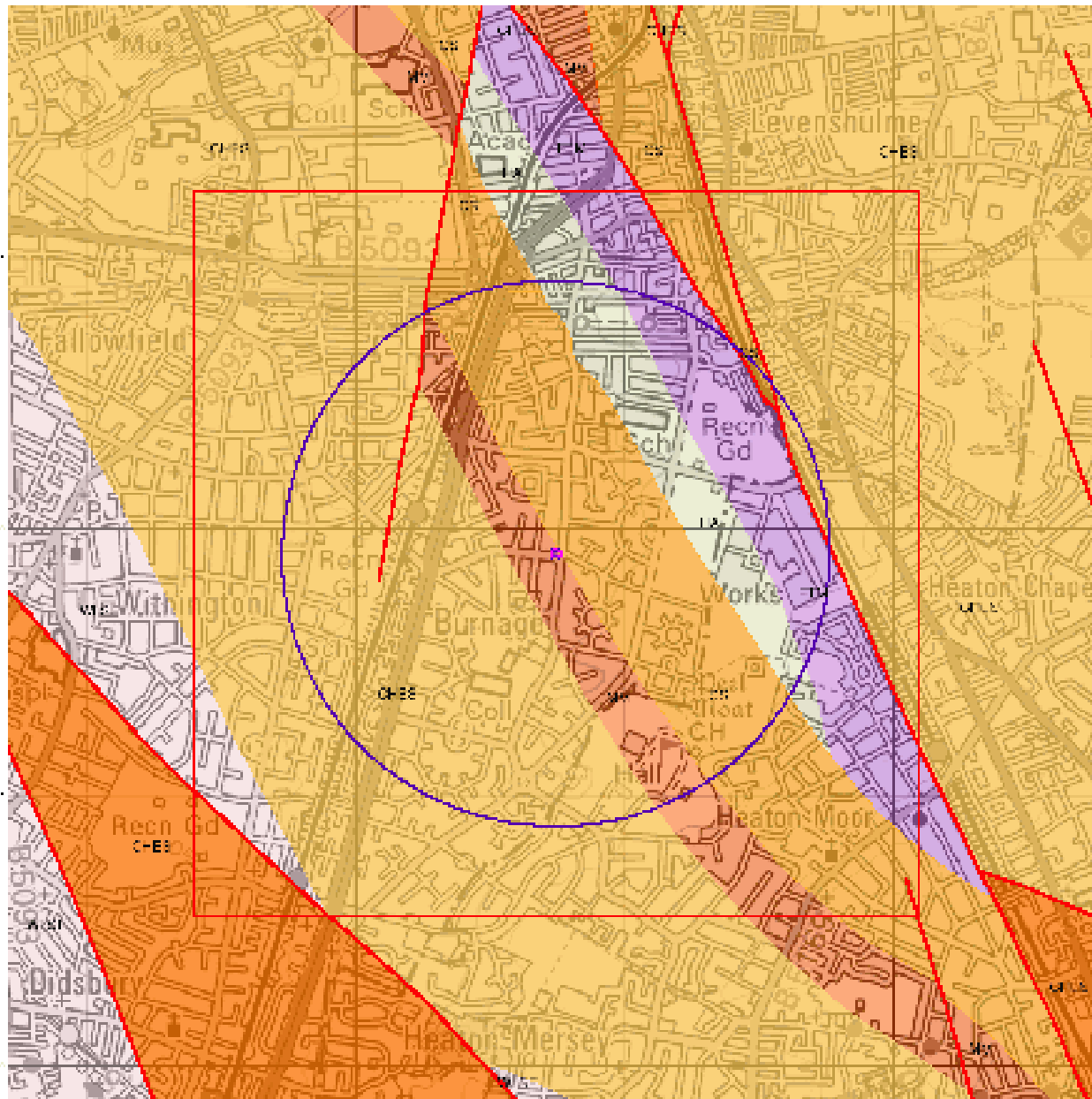
Order Number: 314240471_1_1
 Customer Reference: LKC 23 1116
 National Grid Reference: 386740, 392910
 Slice: A
 Site Area (Ha): 0.09
 Search Buffer (m): 1000

Site Details:

182, Burnage Lane, Manchester, M19 1EF



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



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Bedrock and Faults

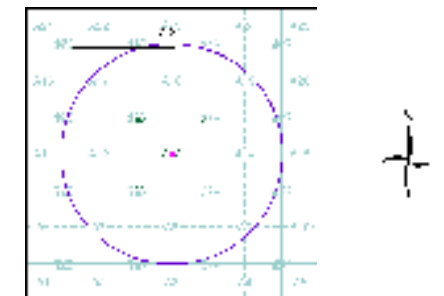
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



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Site Details:

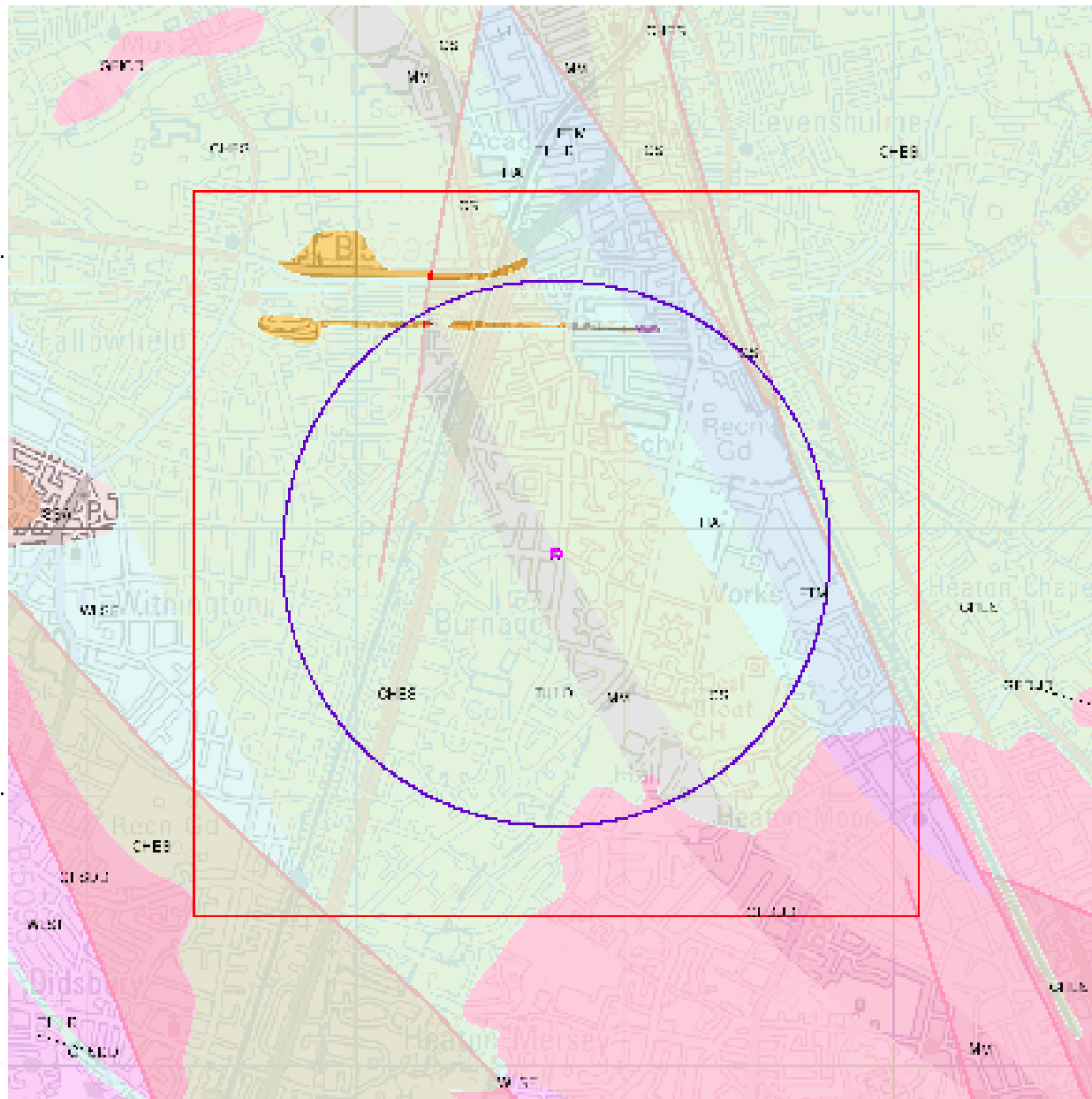
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Combined Surface Geology

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

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

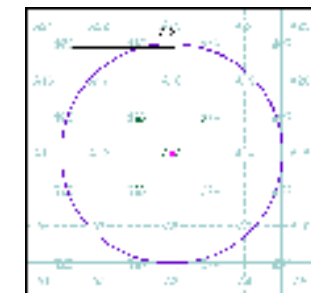
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

Order Number: 314240471_1_1
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182, Burnage Lane, Manchester, M19 1EF

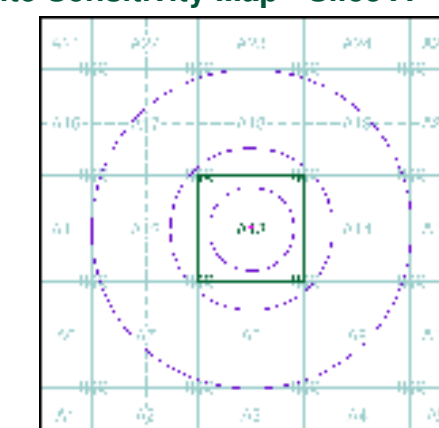


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Site Sensitivity Map - Slice A



Order Details

Order Number: 314240471_1_1
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National Grid Reference: 386740, 392910
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

182, Burnage Lane, Manchester, M19 1EF

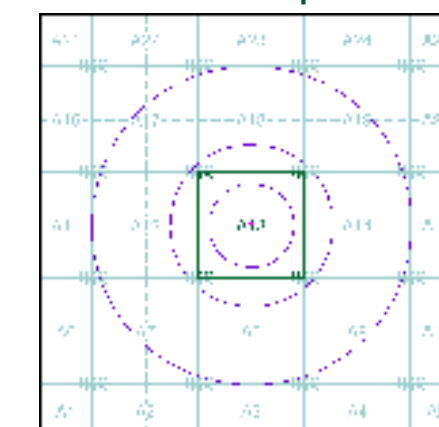
General

- Specified Boundary
 Boundary Reference Field
 Site
 Map ID

Industrial Land Use

- Landmark - Trade - Retail - Pub -
 Landmark - Pub -
 Gas Pipeline
 Points of Interest - Commercial Services
 Points of Interest - Education and Health
 Points of Interest - Manufacturing and Production
 Points of Interest - Public Amenity
 Points of Interest - Recreational and Environmental
 Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

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Site Details

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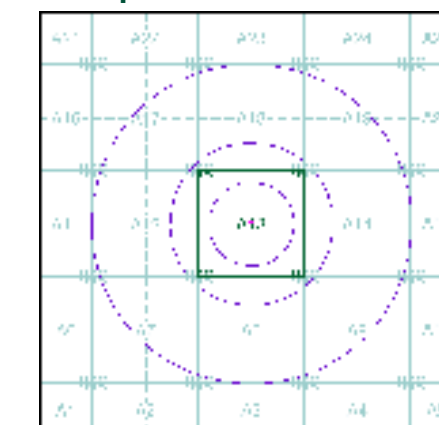
General

- Study Area
- Search Buffer
- Flood Defence Point

Agency and Hydrological (Flood)

- Flooded Flooding from Gates or Piers without Defences (2006)
- Flooded from River or Lake without Defences (2006)
- Areas Benefiting from Flood Defences
- Flood Risk along Roads
- Flood Defence

Flood Map - Slice A



Order Details

Order Number: 314240471_1_1
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 Slice: A
 Site Area (Ha): 0.09
 Search Buffer (m): 1000

Site Details

182, Burnage Lane, Manchester, M19 1EF

General

- Station Point
- Station Point
- X Station Point
- Map 7
- Station Point

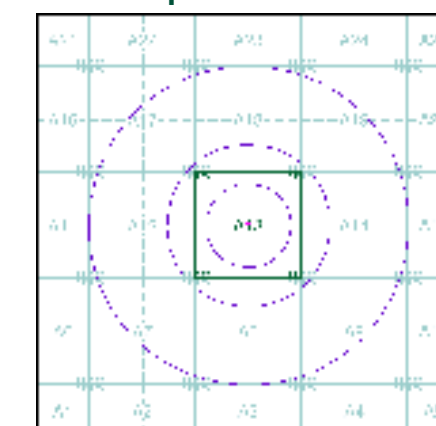
Agency and Hydrological (Boreholes)

- Borehole
- Borehole
- Borehole
- Borehole
- Borehole

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: 314240471_1_1
 Customer Ref: LKC 23 1116
 National Grid Reference: 386740, 392910
 Slice: A
 Site Area (Ha): 0.09
 Search Buffer (m): 1000

Site Details

182, Burnage Lane, Manchester, M19 1EF

General

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

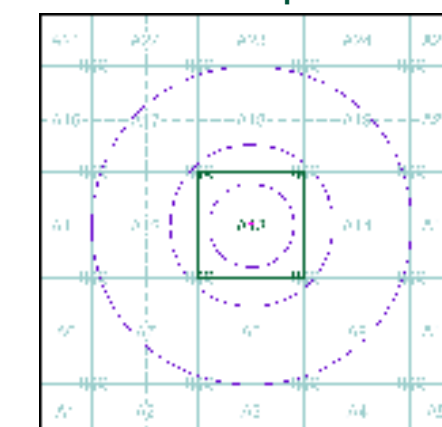
OS Water Network Data

- | | |
|----------------|---------------------------|
| — Canal | — Drain |
| — Reservoir | — Other |
| — Forewater | — Lake |
| — Marsh | — Transfer |
| — Tidal River | — Lock Or Flight Off take |
| — Inland River | — Sea |

Contours (height in meters)

- | | |
|------------------|-------------------------|
| Standard Contour | — MFL — Mean Low Water |
| Master Contour | — MHW — Mean High Water |
| Spot Height | 187.3 |

OS Water Network Map - Slice A



Order Details

Order Number: 314240471_1_1
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 Slice: A
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 Search Buffer (m): 1000

Site Details

182, Burnage Lane, Manchester, M19 1EF

General

- Study Area
- Search Buffer
- Proposed Development

Risk of Flooding from Surface Water

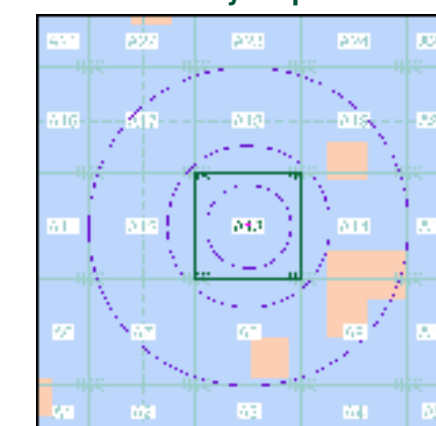
- High - 50 Year Return Period
- Medium - 100 Year Return Period
- Low - 200 Year Return Period

Suitability

See also suitability map to scale

- All other land uses
- Country Park
- Flooded area
- Flooded area (proposed)
- Empty

EA/NRW Suitability Map - Slice A



Order Details

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 Slice: A
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Site Details

182, Burnage Lane, Manchester, M19 1EF

Appendix C

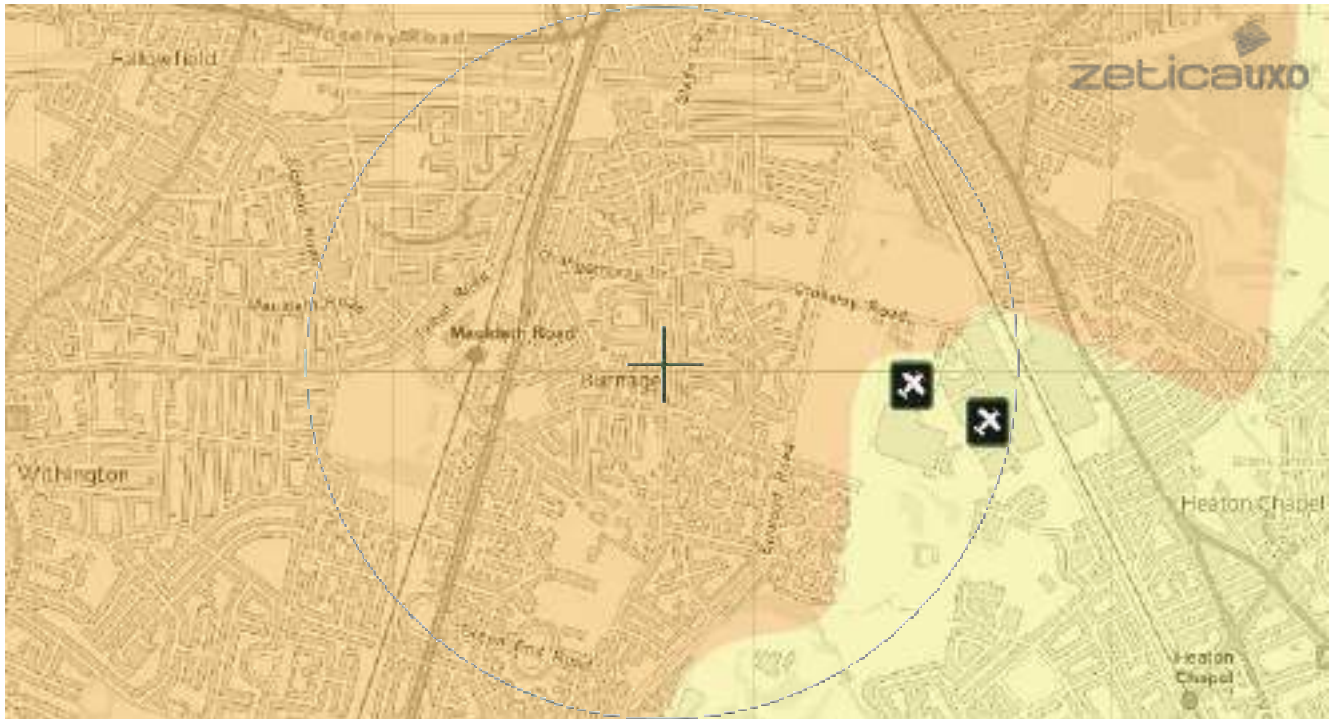
Zetica UXO Unexploded Bomb Risk Map

UNEXPLODED BOMB RISK MAP



SITE LOCATION

Location: M19 1EF,
Map Centre: 386762,393022



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.

- | | | |
|------------------|----------------------|--------------------------|
| military | 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'.

Appendix D

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 552¹⁴. It involves the classification of the:

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

Consequence (Severity)		
Classification	Definition	Example
Severe	- Short term (acute) risk to human health likely to result in 'significant harm' as defined by the Environment Protection Act 1990, Part IIA. - Short term risk of pollution (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 severe harm to a designated receptor is currently happening. - This risk, if realised, is likely to result 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.

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London, Liverpool and Glasgow.

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- Geotechnical
- Contaminated Land
- Flood Risk and Drainage
- Asbestos
- Invasive Species
- Land Remediation
- Project Management
- Land Drilling