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DESK STUDY WITH WALKOVER SURVEY

**AT
GRANGE SCHOOL,
MATTHEWS LANE,
LEVENSHULME,
MANCHESTER,
M12 4GR**

**PREPARED FOR
PROSPERE LEARNING TRUST**

**REPORT NO. 8032
SEPTEMBER 2024**

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EXECUTIVE SUMMARY

This executive summary is a brief summary only and should be read in conjunction with the full report.

Section	Subject	Summary	
Site Details	Site Address	Grange School, Matthews Lane, Levenshulme, Manchester, M12 4GR	
	Grid Reference	388108, 394936	
	Current Land Use	School sports hall and playground area.	
	Proposed Development	A single storey extension and a mezzanine floor in the existing sports hall.	
Site History	On Site	In the earliest survey (1848) the site is within two undeveloped fields with a hedge line trending east to west through the north of the site, the hedge being lost from the survey by 1890. By 1916 the site is within a football ground and by 1933 a school playing field. By 1974 a small school building has been constructed overlapping the northern site boundary which is later demolished between 2009 and 2013. Between 2000 and 2003 the sports hall is constructed on site.	
	Beyond Site Boundary	In the earliest survey (1848) the site is bound to the east by a small lane and on all other sides by undeveloped fields. The small lane is developed into Mount Road by 1933. A large clay pit was present some 60m west of the site from around 1950 to 1985. By 1974 the site is bound to the north by school buildings. By 2001 tennis courts have been added bounding the site to the west. Between 2009 and 2013 the tennis courts are replaced by a large school building and the buildings bounding the site to the north are demolished and replaced by a playground. Over the course of the survey there are a farm, sports grounds, allotment gardens, clay pits, works buildings, a social club and tank, and a joinery within 250m of the site.	
Geological and Mining Appraisal	Made Ground	No Made Ground is indicated to be present within the site or in its immediate vicinity. However, as the site has been developed some may be present. Infilled Ground – Artificial Deposit is indicated to be 84m west of the site.	
	Superficial Geology	Devensian Till - Diamicton (poorly sorted gravelly sandy silty clays).	
	Bedrock Geology	Early Triassic Chester Pebble Beds Formation – sandstone.	
	Radon	No radon protection measures are required.	
	Mining	No potential for mining beneath the site or within 1,000 metres of the site boundary.	
	Subsidence Hazards	Negligible to very low risk.	
Environmental Appraisal	Landfill Sites	One large historical landfill site indicated to have closed in 1978 around 56m west is considered to pose a low risk of ground gas.	
	Hydrogeology	Superficial – Secondary Undifferentiated aquifer	Low Vulnerability
		Bedrock – Principal aquifer	
	Hydrology	The site is within the catchment of the Platt Brook (Source to Fallowfield Bk), situated 786m north. The nearest watercourse is an inland stream 72m south east.	
	Flood Risk	Flood Zone 1 – low risk; consequently a Flood Risk Assessment is unlikely to be required.	
	Industrial Land Uses	The potentially contaminative industrial land uses which pose the most significant risk are school buildings on and adjacent to the site, and unspecified ground workings, an unspecified pit, allotment gardens, railway sidings, a clay pit, tramway sidings, a social club and associated tank, a print works, a farm, a joinery, unspecified works, and a garage within 250m.	
	Other Relevant Details	None.	
Recommendations	A nominal intrusive ground investigation is required to assess the ground conditions and to obtain soil and water samples for contamination analysis.		
	In addition the conceptual ground model indicates that ground gases might be present as a result of a large closed registered landfill 56m west of the site and hence gas standpipes should be installed and monitored over an extended period of time to allow for an assessment to be made.		

EXECUTIVE SUMMARY (Cont.)

Section	Subject	Summary
Other Considerations (for Warranty Providers, Building Control, Structural Engineers, Developers, etc.)		Listed below are various items that are likely to be required at some point during the development and it would be cost effective to have them carried out simultaneously. This is not an exhaustive list. • Boreholes and laboratory testing to assess the ground conditions for foundation design. • Waste Classification and WAC testing for removal of waste to landfill. • CBR Testing for road design and construction. • Water Pipeline Risk Assessment.

DESK STUDY WITH WALKOVER SURVEY FOR GRANGE SCHOOL, MATTHEWS LANE, LEVENSHULME, MANCHESTER, M12 4GR

CLIENT: PROSPERE LEARNING TRUST

ENGINEER: FREDERICK G. MARKLAND ASSOCIATES LIMITED

1. INTRODUCTION

This report has been prepared in accordance with Purchase Order No. 37787, dated 20th August 2024, from the Client.

The brief was set out in our estimate, ref. E7268B dated 14th August 2024, and comprises a walkover survey and a desk study report including a historical, geological, mining and environmental appraisal together with a conceptual ground model.

1.1 Site Location and Description

The site is located at Grange School, Matthews Lane, Levenshulme, Manchester, M12 4GR, as indicated on Figure 1. The approximate National Grid Reference of the centre of the site is 388108, 394936.

As shown on Figure 2, the about 0.18 hectare rectangular shaped site is bounded to the north by a playground, to the west by the main school building, to the south partially by a car park and partially by the southern end of the sports hall, and to the east by Mount Road. The site is currently occupied by the northern end of the sports hall and part of a playground.

1.2 Proposed Development and Purpose of the Desk Study

We understand that it is proposed to construct a single storey extension and a mezzanine floor in the existing sports hall, as shown on Figure 3.

The purpose of the desk study is to obtain information regarding the sites historical, geological and environmental setting in order to produce a conceptual ground model, to assess the ground conditions, to undertake a preliminary assessment of contamination sources, pathways and receptors relating to potential hazards that exist or will potentially exist on the site and to assess the need for ground investigation.

1.3 Walkover Survey

The walkover survey was undertaken on 27th of August 2024. Surface features observed were recorded on a plan of the site together with the positions and directions of photographs taken. The resulting Walkover Survey Plan (see Figure 2) and site photographs are appended.

On the day of the walkover survey the site could be accessed from Mount Road to the east. The site is relatively flat and mainly hard surfaced with some areas of soft landscaping. The site boundaries are marked to the east and south by a metal fence (photographs 12,14), and to the west by the main school building (photographs 2,3,10,11). The site boundary to the north is not marked and cuts partway through a playground and walkway (photograph 13).

The sports hall is a one to two storey building situated in the centre and south of the site (photographs 1,12,13,14,15). The interior of the sports hall where the mezzanine floor is proposed has wooden flooring (photographs 4,5,6,7,8,9).

The external area is mainly paved with a surface water drain and occasional service manholes. A small area adjacent to the sports hall is bituminous macadam surfaced (photograph 13). There is a playground area to the north of the sports hall (photograph 1).

There are some small rectangular soft landscaped areas with small to medium trees adjacent to the west of the sports hall (photographs 12,14).

There is a pile of building rubble in the north west of the site (photograph 1).

No visual or olfactory contamination was noted during the walkover survey.

2. DESK STUDY

2.1 Historical Appraisal

The past history of the site has been interpreted from the study of old Ordnance Survey plans supplied by GroundSure, as follows:

TABLE 1 SMALL SCALE SURVEYS

Date	Survey	Scale
1848-1849	CS	1:10,560
1890-1892	CS	1:10,560
1899*	CS	1:10,560
1905-1906	CS	1:10,560
1907*	CS	1:10,560
1907*	CS	1:10,560
1911-1915*	CS	1:10,560
1916-1918	CS	1:10,560
1923	CS	1:10,560
1934*	CS	1:10,560
1934-1938	CS	1:10,560
1938	CS	1:10,560
1955-1956	OS	1:10,560
1965-1968	OS	1:10,560
1976-1981	OS	1:10,000
1983	OS	1:10,000
1985-1989	OS	1:10,000
1991*	OS	1:10,000
2001	OS	1:10,000
2010	OS	1:10,000
2024	OS	1:10,000

TABLE 2 LARGE SCALE SURVEYS

Date	Survey	Scale
1881*	CS	1:2,500
1883	CS	1:2,500
1907-1908	CS	1:2,500
1922	CS	1:2,500
1933	CS	1:2,500
1950*	OS	1:1,250
1950*	OS	1:2,500
1951-1956*	OS	1:1,250
1957	OS	1:1,250
1957	OS	1:2,500
1958	OS	1:1,250
1968-1972*	OS	1:1,250
1974-1978	OS	1:1,250
1974-1979	OS	1:1,250
1980-1985*	OS	1:1,250
1984-1988*	OS	1:1,250
1991-1992	OS	1:1,250
1992*	OS	1:1,250
2003	OS	1:1,250

CS = County Survey, OS = Ordnance Survey, * Site not covered by the survey.
Extracts of the above surveys are appended.

TABLE 3 HISTORICAL APPRAISAL

Date	On site	Beyond site boundary
1848-1849	The site is within two undeveloped fields with a hedge line trending east to west through the north of the site.	The site is bound to the east by a small lane and on all other sides by undeveloped fields. There are five ponds situated around 140m north east, 170m north west, 190m north east, 210m south east, and 235m north east. There is a small stream (Nico Ditch) trending north east to south west around 70m south of the site.
1890-1893	There is no longer a hedge trending through the centre of the site.	Print Works Farm has been constructed around 215m south east of the site. The ponds 140m north east, 170m north west, 210m south east, and 235m north east have been lost from the survey.
1905-1908	No significant changes to site.	Three ponds have been added 140m south, 170m north west, and 195m north east of the site.
1916-1923	The site is now within a football ground.	A cricket and football ground has been added around 75m south east of the site. Allotment gardens have been added 240m north west of the site. The ponds 140m south, 170m north west, 190m north east and 195m north east have been infilled/ lost from the survey. A pond has been added 235m south west of the site boundary.
1933-1938	The site is now within a school playing field.	The small lane bounding the site to the east has been developed into Mount Road. A school building has been constructed 60m north. Allotment gardens have been added 85m west of the site.

TABLE 3 (Cont'd) HISTORICAL APPRAISAL

Date	On site	Beyond site boundary
1950-1958	No significant changes to site.	A clay pit has been excavated 140m north west of the site with an associated tramway to the south of the pit around 120m north west and cuttings around 60m west. Unspecified works buildings have been constructed around 225m south. The pond 235m south west has been infilled/ lost from the survey.
1965-1972	No significant changes to site.	No significant changes to 250m.
1974-1981	A small school building has been constructed overlapping the northern site boundary.	The site is now bound to the north by school buildings. A social club with associated tank has been constructed 135m south of the site. A joinery has been constructed around 225m south of the site.
1980-1992	No significant changes to site.	The large clay pit to the west appears to have been infilled by 1985.
2001-2003	A sports hall has been constructed within the site trending out the southern boundary.	Tennis courts have been added bounding the site to the west.
2010	No significant changes to site.	No significant changes to 250m.
2024	No significant changes to site.	A large school building has been constructed bounding the site to the west.

The small scale plans from 2010 to 2024 contain insufficient detail for review. However, aerial photographs indicate the sports hall is constructed between 2000 and 2003, and the main large school building to the west was constructed between 2009 and 2013. Also between 2009 and 2013 small school buildings bounding the site to the north and the small building partially within the site were demolished and replaced by a playground. We are not aware of any other significant changes within the site and its immediate surrounding area.

2.2 Geological Appraisal

This following appraisal is based upon the appended Groundsure Enviro+Geo Insight Report (Sections 14 to 17).

2.2.1 Artificial Ground (Made Ground)

No Made Ground is indicated to be present within the site or in its immediate vicinity. However, as the site has been developed some may be present.

In addition, Made Ground, described as Infilled Ground - Artificial Deposit, is indicated to be about 84 metres to the west of the site boundary, the depth of which is unknown.

2.2.2 Superficial Geology (Drift Deposits)

Drift deposits, described as Devensian Till and composed of Diamicton (poorly sorted gravelly sandy silty clays), are indicated to be present within the site, the depth of which is unknown. The permeability of the superficial deposits is indicated to range from low to high.

2.2.3 Bedrock Geology

Within the site the bedrock underlying the site is indicated to be the Early Triassic Chester Pebble Beds Formation composed of sandstone. The permeability of the bedrock is indicated to range from moderate to high.

2.2.4 Potential Hazards in Natural Ground

The hazard rating for shrinking/ swelling clays is very low, running sands is very low, compressible deposits/ strata is negligible, collapsible deposits/ strata is very low, landslides is very low and dissolution of soluble rocks is negligible.

2.3 Mining, Radon, Soil Chemistry and Railway Infrastructure Appraisal

This following appraisal is based upon the appended Groundsure Enviro+Geo Insight Report (Sections 18 to 21).

2.3.1 Mining and Ground Workings

Ordnance Survey mapping identifies surface excavations which may, or may not, have been subsequently backfilled with unknown material. The Ordnance Survey indicates that there are twelve historical surface excavations within 250 metres of the site boundary, the nearest being an unspecified pit about 59 metres to the west of the site boundary.

The boundaries of permitted, withdrawn and refused mineral planning permissions for England and Wales, from the 1930 to the mid 1980s, are maintained by the British Geological Survey. There are two historical mineral planning areas within 500 metres of the site boundary, the nearest being a brick clay surface mineral working at Nelstrop Road around 58 metres west of the site.

The British Geological Survey maintain records of mining of minerals other than coal including vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and other commodities, including ball clay, jet, black marble, graphite and chert. The British Geological Survey indicates that there is no potential for non-coal mining beneath the site or within 1,000 metres of the site boundary.

The Coal Authority indicates that there is no potential for coal mining beneath the site or within 1,000 metres of the site boundary.

According to the report the site is not in an area affected by mining cavities, brine extraction, gypsum extraction, tin mining or clay mining.

2.3.2 Radon

The British Geological Survey and Public Health England have estimated the percentage of dwellings exceeding the “Radon Action Level” of 200 Becquerels/ m³ for the UK based on geological assessments and long term measurements of radon in more than 560,000 households.

The site is unlikely to be affected by radon gas as < 1% of surrounding properties are above the Radon Action Level. No radon protection measures are required.

2.3.3 Soil Chemistry

The British Geological Survey have estimated likely background concentrations of potentially harmful arsenic, cadmium, chromium, lead and nickel in the topsoil. Data for on-site topsoil and for the land within 50 metres of the site boundary is given.

2.3.4 Railway Infrastructure

There are no underground railways within 250 metres of the site boundary.

There are no railway tunnels/ tunnel features within 250 metres of the site boundary.

There are eight historical railway and tunnel features within 250 metres of the site boundary, the nearest being railway sidings about 97 metres to the west of the site boundary.

There are no active railways within 250 metres of the site boundary.

The site is not within 500 metres of Crossrail 1, Crossrail 2 or the High Speed 2 (HS2) rail project.

2.4 **Environmental Appraisal**

This following appraisal is based upon the appended Groundsure Enviro+Geo Insight Report (Sections 1 to 13).

2.4.1 Historical Industrial Land Use

Historical potentially contaminative industrial land uses are recorded by the Ordnance Survey. Within the site there are no potentially contaminative industrial land uses identified. In addition, within 250 metres of the site boundary, there are nine potentially contaminative industrial land uses identified. Those that represent the most significant risk to the site are:

- *Unspecified ground workings* 59 metres west.
- *An unspecified pit* 59 metres west.
- *Railway sidings* 97 metres west.
- *A clay pit* 98 metres north west.
- *Tramway sidings* 113 metres north west.
- *A print works* 212 metres south.
- *A garage* 230 metres south.

2.4.2 Potentially Contaminated Land Associated with Historical Land Use

Our historical appraisal indicates potentially contaminative land uses which are not included in the above section. The identified potentially contaminative land uses are related to:

- *A sports hall/ school buildings on site.*
- *Tennis courts bounding the site to the west.*
- *Allotment gardens 85 metres west.*
- *A social club and associated tank 135 metres south.*
- *A farm 215 metres south east.*
- *A joinery 225 metres south.*
- *Unspecified works 225 metres south.*

2.4.3 Landfill

According to the Environment Agency there are no active or recently closed landfill sites within 250 metres of the site boundary.

The British Geological Survey undertook a survey for the Department of the Environment (DoE) of operational and closed landfill sites in 1973. The survey indicated that there were no landfill sites within 250 metres of the site boundary.

Local Authority records and detailed Ordnance Surveys indicate there are no landfill sites within 250 metres of the site boundary.

The Environment Agency has one record of a known historical (closed) landfill site, where there is no PPC permit or current waste management licence, within 250 metres of the site boundary being for Inert, Industrial, Commercial, Household, Special, and Liquid Sludge waste at Matthews Lane, about 56 metres to the west and last recorded in 1978. We consider that this could present a low risk of ground gas to the site.

Our historical appraisal has identified nine potential unregistered landfills in the form of ponds infilled with unknown material, which may be a source of ground gas, within 250 metres of the site boundary. Five ponds are present on the survey in 1848 and a further three are added by 1905, none nearer than 140 metres from the site and all infilled by 1922. One pond added in 1922 around 235 metres south west is infilled by 1955. Due to the age of the infills and their distance from the site we do not consider that these pose any significant risk.

2.4.4 Waste

Local Authority records and detailed Ordnance Surveys indicate no waste sites within 250 metres of the site.

According to the Environment Agency there are no active or recently closed waste sites within 250 metres of the site boundary.

The Environment Agency has two records of activities involving the storage, treatment, use or disposal of wastes that are exempt from needing a permit (within specific limits and conditions) within 250 metres of the site boundary, the nearest being a using waste exemption for use of waste in construction at Rear of 301 Mount Road, about 184 metres to the south east.

2.4.5 Current Industrial Land Use

Current potentially contaminative industrial land uses are recorded by the Ordnance Survey and Experian. Within the site there are no potentially contaminative industrial land uses. In addition, within 250 metres of the site boundary, there are three potentially contaminative industrial land uses. Those that represent the most significant risk to the site are:

- An *electricity substation* 104 metres north west.
- An *unspecified works* 241 metres south east.
- F E Jones Builders *general construction supplies* 248 metres south east.

2.4.6 Sites Determined as Contaminated Land

There are no sites determined as contaminated under Section 78R of the Environmental Protection Act (1990) within 250 metres of the site boundary.

2.4.7 Control of Major Accident Hazards (COMAH)

Records of Control of Major Accident Hazards (COMAH), including Notification of Installations Handling Hazardous Substances (NIHHS) and other historical data, indicate that there are no dangerous or hazardous sites within 250 metres of the site boundary.

2.4.8 Regulated Explosives Sites

Up to April 2011 there were no sites within 250 metres of the site boundary registered and licensed by the Health and Safety Executive under the 2005 Manufacture and Storage of Explosives Regulations.

2.4.9 Hazardous Substance Storage and Usage

There are no Local Authority records of consents granted for sites to hold certain quantities of hazardous substances at or above defined limits in accordance with the 2015 Planning (Hazardous Substances) Regulations within 250 metres of the site boundary.

2.4.10 Historical Licenced Industrial Activities (IPC)

There are no historical Integrated Pollution Control (IPC) records of substances released to the air, land and water according to the Environment Agency within 250 metres of the site boundary.

2.4.11 Licenced Industrial Activities (Part 1(A))

The Environment Agency indicates that there are no records of Part 1(A) installations regulated under the 2016 Environmental Permitting (England and Wales) Regulations for release to the environment within 250 metres of the site boundary.

2.4.12 Part A(2) and Part B Authorisations

Local Authority records indicate there are no Part A(2) and Part B installations regulated under the 2016 Environmental Permitting (England and Wales) Regulations for the release of substances to the environment within 250 metres of the site boundary.

2.4.13 Radioactive Substance Authorisations

The Environment Agency indicates that there are no records of storage, use, accumulation and disposal of radioactive substances regulated under the 1993 Radioactive Substances Act within 250 metres of the site boundary.

2.4.14 Licensed Discharges to Controlled Waters

According to Environment Agency records there have been no discharges of treated or untreated effluent to controlled water under the 1991 Water Resources Act within 250 metres of the site boundary.

2.4.15 Pollutant Release to Surface Waters (Red List)

The Environment Agency records indicate that there have been no discharges of specified substances under the 1991 Environmental Protection (Prescribed Processes and Substances) Regulations within 250 metres of the site boundary.

2.4.16 Pollutant Release to Public Sewers

According to Environment Agency records there have been no discharges of special category effluents to public sewers within 250 metres of the site boundary.

2.4.17 List I and List II Dangerous Substances

The Environment Agency records indicate that there have been no discharges of substances on List I and List II of the European Directive E2006/11/EC, regulated under the 2015 Environmental Damage (Prevention and Remediation) Regulations, within 250 metres of the site boundary.

2.4.18 Pollution Incidents

According to the Environment Agency there are no records of substantiated pollution incidents within 250 metres of the site boundary.

2.4.19 Pollution Inventory Substances

The Environment Agency indicates that there have been no reports on annual emissions of certain regulated substances to air, controlled waters and land within 250 metres of the site boundary.

2.4.20 Pollution Inventory Waste Transfers

According to the Environment Agency there have been no reports on annual transfers and recovery/ disposal of controlled wastes within 250 metres of the site boundary.

2.4.21 Pollution Inventory Radioactive Waste

The Environment Agency indicates that there have been no reports on annual releases of radioactive substances within 250 metres of the site boundary.

2.4.22 Hydrogeology

The following designation of aquifers is in accordance with the Environment Agency's April 2010 Groundwater Protection Policy.

Superficial/ drift deposits are anticipated to be present and comprise Diamicton (poorly sorted gravelly sandy silty clays) which are indicated to be a Secondary Undifferentiated aquifer likely comprising interbedded high and low permeability layers.

The bedrock is anticipated to be sandstone which is indicated to be a Principal aquifer comprising strata of high intergranular and/ or fracture permeability, usually providing a high level of water storage and may support water supply and/ or river base flow on a strategic scale.

The vulnerability of groundwater to a pollutant found within the site and its immediate surrounding area has been assessed as "Low", indicating an area able to provide protection from pollution.

British Geological Survey and Environment Agency data indicates that the site is not within a 1km grid where solution features are present that will enable rapid movement of a pollutant to groundwater.

Environment Agency data indicates that the site is not in an area where additional local information indicates that groundwater is vulnerable to pollution.

According to data provided by the Environment Agency there are twelve groundwater abstraction licences, no surface water abstraction licences, and no potable water abstraction licences within 2000 metres of the site boundary. The nearest being an historical groundwater abstraction around 427 metres south east. The nearest active groundwater abstraction is around 1920 metres north.

There are no Source Protection Zones, set up to protect a water source within 500 metres of the site of boundary, present according to the environmental data report.

2.4.23 Hydrology

The Ordnance Survey indicate that there are two watercourses (river, stream or canal) within 250 metres of the site boundary, the nearest watercourse being an inland river about 72 metres to the south east.

There is one surface water feature (pond or lake) within 250 metres of the site boundary according to the Ordnance Survey.

The Water Framework Directive (WFD) indicates that the site is within the catchment of the Platt Brook (Source to Fallowfield Bk), this watercourse being about 786 metres to the north of the site boundary. The groundwater body is known as the Manchester and East Cheshire Permo-Triassic Sandstone Aquifers.

2.4.24 Flooding

Flooding data is maintained by the Environment Agency. The Risk of Flooding from Rivers and Sea (RoFRaS) database has no records within 50 metres of the site.

In the period since records began in 1946, there are no records of historical floods within 250 metres of the site boundary.

There are no flood defences, no areas benefitting from flood defences and no flood storage areas present within 250 metres of the site boundary.

The site boundary is not within 50 metres of a Flood Zone 2 or a Flood Zone 3.

According to Ambiental Risk Analytics surface water "FloodMap" there is a 1 in 30 year, 0.1m-0.3m risk of surface water flooding on the site and a 1 in 30 year, 0.1m-0.3m risk of surface water flooding within 50 metres of the site boundary.

Groundwater flooding is caused when the water table rises in areas where this is usually at shallow depth. Ambiental Risk Analytics indicate that there is a moderate risk of groundwater flooding on the site and a moderate to high risk of groundwater flooding within 50 metres of the site boundary.

Given the above we anticipate that a Flood Risk Assessment is unlikely to be required.

2.4.25 Environmental Designations

Natural England indicates that there are environmental sensitive sites within 2000 metres of the site boundary.

Local Nature Reserves (LNR) and Sites of Special Scientific Interest (SSSI) Impact Risk Zones are present.

2.4.26 Visual and Cultural Designations

Historic England indicates that within 250 metres of the site boundary there are no World Heritage Sites, Areas of Outstanding Natural Beauty, National Parks, Listed Buildings, Conservation Areas, Scheduled Ancient Monuments or Registered Parks and Gardens.

2.4.27 Agricultural Designations

Natural England indicates that the Agricultural Land (quality) Classification for the site is Urban and the land within 250 metres of the site is also Urban.

Natural England indicates that there is no open access land within 250 metres of the site boundary.

The Forestry Commission indicates that there are no tree felling licences within 250 metres of the site boundary.

Natural England indicates that there are no environmental stewardship schemes within 250 metres of the site boundary.

Natural England indicates that there are no countryside stewardship schemes within 250 metres of the site boundary.

2.4.28 Habitat Designations

Natural England indicates that there are no priority habitats, no habitat networks, no open mosaic habitats and no limestone pavement orders within 250 metres of the site boundary.

2.5 Conceptual Ground Model

A conceptual ground model of a site and its environs uses available information to form a preliminary assessment of contamination sources, pathways and receptors, and the significance of hazards that exist or will potentially exist on the site. Its purpose is to identify the relationships between sources of contamination, pathways and receptors to allow exposure scenarios to be determined and thereby aid in the design of any intrusive investigation. It also forms the basis of the risk assessment.

2.5.1 Sources

Potential sources of contamination identified in the desk study are:

- General contaminants associated with Made Ground (if present) and past and present contaminative processes undertaken on and adjacent to the site including construction and demolition of buildings on and adjacent to the site.
- On-site spillage and leakage of hydrocarbons (oils and fuels) from cars parked in nearby car parks.
- Migrating leachate (contaminated surface and/ or groundwater) from the large landfill indicated to be around 56 metres to the west and closed in 1978.
- Migrating ground gases from the large registered landfill indicated to be present around 56 metres to the west and closed in 1978.
- Accumulated ground gases in on-site confined spaces.

2.5.2 Pathways

Potential pathways from source and receptor for the proposed development are:

- Direct skin contact with and/ or ingestion of contaminated soils and/ or water.
- Inhalation of dust, vapours and/ or gases.
- Dissolved contaminants via infiltrating surface water/ migrating groundwater.
- Dissolved ground gases via infiltrating surface water/ migrating groundwater.
- Volatile contaminants via permeable soils and rocks.
- Ground gases via permeable soils and rocks.
- Migration of contaminants to the underlying aquifer, controlled waters (the Nico Ditch), and adjacent properties.

2.5.3 Receptors

Potential receptors for the proposed development are:

- Site operatives during demolition, earthworks and/ or construction.
- The end users of the development (young children are the most sensitive).
- Vegetation, bushes and trees planted as part of the development of the site.
- Controlled waters including surface water and groundwater, including aquifers.
- Maintenance operatives entering on-site confined spaces after development.
- Adjacent properties.

2.5.4 Conclusions

An appraisal of the sources, pathways and receptors has been considered and we have produced a conceptual ground model based upon the available information, as follows:

TABLE 4 CONCEPTUAL GROUND MODEL

Potential Source	Nature of Hazard	Contaminants Associated with the Source	Pathway	Receptor	Preliminary Risk Rating
Made Ground	Contaminants in Made Ground	<u>Gen. Contaminants</u> Arsenic Cadmium Chromium Lead Mercury Molybdenum Nickel Selenium Boron Copper Zinc Cyanide Sulphide Sulphate pH Phenols Polynuclear Aromatic Hydrocarbons (PAH) Total Petroleum Hydrocarbons (TPH)	Ingestion of soil	Site Operatives	Low
			Ingestion of dust	End Users	
			Dermal contact		
			Inhalation of dust		
			Inhalation of vapours		
			Uptake via contaminated groundwater	Vegetation	Low
			Vertical and lateral movement of mobile contaminants to surface water and groundwater	Controlled Waters	Low
			Direct contact	Structures and Services	Low
Asbestos on/ in ground	Asbestos fibres	Asbestos fibres	Inhalation of fibres	Site Operatives End Users	Low

TABLE 4 (Cont'd) CONCEPTUAL GROUND MODEL

Potential Source	Nature of Hazard	Contaminants Associated with the Source	Pathway	Receptor	Preliminary Risk Rating
Tanks/ Machinery/ Vehicles	Fuel/ oil spillage and/or leakage from machinery, fuel/oil tanks and/or vehicles	Total Petroleum Hydrocarbons (TPH) and/ or Benzene/ Toluene/ Ethylbenzene/ Xylene (BTEX)	Ingestion of soil	Site Operatives	Very Low
			Ingestion of dust	End Users	
			Dermal contact		
			Inhalation of dust		
			Inhalation of vapours		
			Uptake via contaminated groundwater	Vegetation	Very Low
			Vertical and lateral movement of mobile contaminants to surface water and groundwater	Controlled Waters	Very Low
			Direct contact	Structures and Services	Very Low
Landfill (registered)	Ground Gas (Asphyxiation, fire and explosion)	Methane Carbon Dioxide	Inhalation of gas	Site Operatives	Low
			Ignition of gas	End Users	

The conceptual ground model indicates that a nominal intrusive ground investigation is required to assess the ground conditions. The ground investigation should obtain soil samples for contamination analysis and asbestos detection and, where possible, groundwater and surface water samples for contamination analysis.

In addition the conceptual ground model indicates that ground gases might be present and hence gas standpipes should be installed and monitored over an extended period of time to allow for an assessment to be made.

2.6 General

No consideration has been given to flora and fauna as this was outside our brief.

This Phase I walkover survey and desk study should be followed by a Phase II ground investigation. It should be noted that dependent upon the findings of the ground investigation a Phase III remediation statement and Phase IV validation with report may be required.

We recommend that consultation should be undertaken with and written approval obtained from the Local Authority Environmental Health Officer and the Local Authority Building Control Officer prior to commencing development.

We trust that this report fulfils your present requirements but if you have any queries or we can be of further assistance please contact the undersigned or Mr David Marsden at our Preston office.

SUB SURFACE CONSULTANTS LIMITED
REPORT No. 8032
SEPTEMBER 2024

L. A. W. McCall - Bhakta B.Sc.(Hons.)
Geotechnical Engineer
For and on behalf of
Sub Surface Consultants Limited

C. A. Marsden B.Sc.(Hons.), C.Eng., M.I.C.E.
Director
For and on behalf of
Sub Surface Consultants Limited.

PRELIMINARY RISK RATING GUIDANCE

PRELIMINARY RISK RATING GUIDANCE

The following table based on CIRIA C552 'Contaminated Land Risk Assessment. A Guide to Good Practice' has been used when developing the Conceptual Ground Model and the preliminary risk ratings. The method requires an assessment of the magnitude of the probability or likelihood of the risk occurring and the magnitude of the potential consequence or severity of the risk occurring to formulate a preliminary risk rating (Table A).

Table A DESCRIPTION OF RISK AND LIKELY ACTION REQUIRED

Preliminary Risk Rating	Action Required
Very High Risk	Extensive Ground Investigation Required. 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 undertaken already) and remediation are likely to be required.
High Risk	Extensive Ground Investigation Required. 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	Ground Investigation Required. 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 long-term.
Low Risk	Nominal Ground Investigation Required. 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	No Ground Investigation Required.* 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.
Negligible Risk	No Ground Investigation Required.* There is a very low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.

* No further action is required unless unforeseen contaminated ground conditions are encountered.

PHOTOGRAPHS

Site:

GRANGE SCHOOL, MATTHEWS LANE, LEVENSHULME, MANCHESTER, M12 4GR

Client:

PROSPERE LEARNING TRUST

Engineer:

FREDERICK G. MARKLAND ASSOCIATES LIMITED

Job Number:

8032

Sheet:

1 / 3

Survey Date:

27/08/24

WALKOVER PHOTOGRAPHS

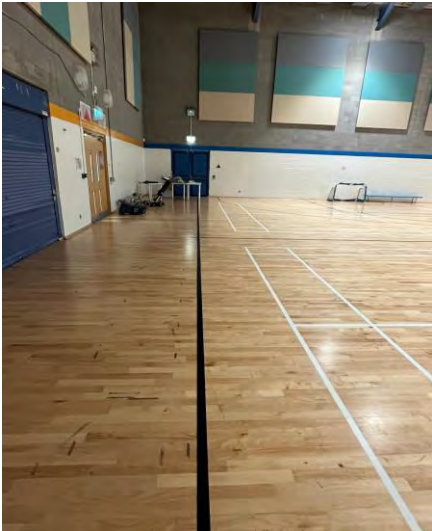


Site:	GRANGE SCHOOL, MATTHEWS LANE, LEVENSHULME, MANCHESTER, M12 4GR
Client:	PROSPERE LEARNING TRUST
Engineer:	FREDERICK G. MARKLAND ASSOCIATES LIMITED

Job Number:	8032
Sheet:	2 / 3
Survey Date:	27/08/24

WALKOVER PHOTOGRAPHS

7



8



9



10



11



12



Site:

GRANGE SCHOOL, MATTHEWS LANE, LEVENSHULME, MANCHESTER, M12 4GR

Client:

PROSPERE LEARNING TRUST

Engineer:

FREDERICK G. MARKLAND ASSOCIATES LIMITED

Job Number:

8032

Sheet:

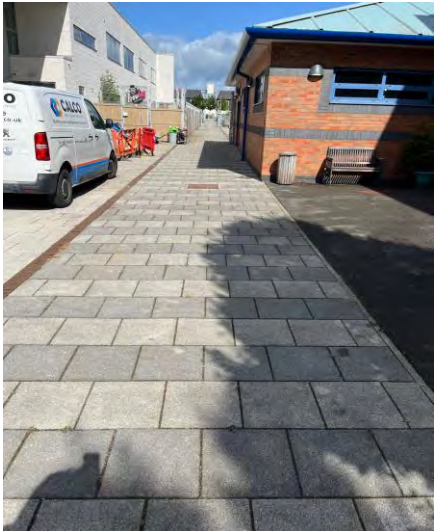
3 / 3

Survey Date:

27/08/24

WALKOVER PHOTOGRAPHS

13



14



15



ENVIRO+GEO INSIGHT REPORT

Grange School, Matthews Lane, Levenshulme, Manchester, M12 4GR

Order Details

Date: 19/08/2024
Your ref: CMAPS-CM-1180844-4199-190824
Our Ref: CMAPS-CM-1180844-4199-190824EDRGEO

Site Details

Location: 388108 394936
Area: 0.18 ha
Authority: [Manchester City Council](#) ↗



[Summary of findings](#)

[p. 2 >](#)

[Aerial image](#)

[p. 9 >](#)

[OS MasterMap site plan](#)

[p.14 >](#)

[Insight User Guide](#) ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	0	0	8	31	-
17 >	1.2 >	Historical tanks >	0	0	0	8	-
18 >	1.3 >	Historical energy features >	0	0	0	3	-
18	1.4	Historical petrol stations	0	0	0	0	-
18 >	1.5 >	Historical garages >	0	0	1	2	-
19	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
20 >	2.1 >	Historical industrial land uses >	0	0	8	44	-
22 >	2.2 >	Historical tanks >	0	0	0	8	-
23 >	2.3 >	Historical energy features >	0	0	0	3	-
23	2.4	Historical petrol stations	0	0	0	0	-
24 >	2.5 >	Historical garages >	0	0	1	2	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
25	3.1	Active or recent landfill	0	0	0	0	-
25 >	3.2 >	Historical landfill (BGS records) >	0	0	0	1	-
26	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
26 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	1	2	-
27 >	3.5 >	Historical waste sites >	0	0	0	7	-
29 >	3.6 >	Licensed waste sites >	0	0	0	20	-
36 >	3.7 >	Waste exemptions >	0	0	2	35	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
39 >	4.1 >	Recent industrial land uses >	0	0	3	-	-
40	4.2	Current or recent petrol stations	0	0	0	0	-
40	4.3	Electricity cables	0	0	0	0	-
40	4.4	Gas pipelines	0	0	0	0	-
40	4.5	Sites determined as Contaminated Land	0	0	0	0	-



40	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
41	4.7	Regulated explosive sites	0	0	0	0	-
41	4.8	Hazardous substance storage/usage	0	0	0	0	-
41	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
41	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
41 >	4.11 >	Licensed pollutant release (Part A(2)/B) >	0	0	0	2	-
42	4.12	Radioactive Substance Authorisations	0	0	0	0	-
42 >	4.13 >	Licensed Discharges to controlled waters >	0	0	0	3	-
43	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
43	4.15	Pollutant release to public sewer	0	0	0	0	-
43	4.16	List 1 Dangerous Substances	0	0	0	0	-
43	4.17	List 2 Dangerous Substances	0	0	0	0	-
44 >	4.18 >	Pollution Incidents (EA/NRW) >	0	0	0	9	-
45	4.19	Pollution inventory substances	0	0	0	0	-
45	4.20	Pollution inventory waste transfers	0	0	0	0	-
45	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
46 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
48 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
50 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
51	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
51	5.5	Groundwater vulnerability- local information	None (within 0m)				
52 >	5.6 >	Groundwater abstractions >	0	0	0	3	9
56	5.7	Surface water abstractions	0	0	0	0	0
56	5.8	Potable abstractions	0	0	0	0	0
56	5.9	Source Protection Zones	0	0	0	0	-
56	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
57 >	6.1 >	Water Network (OS MasterMap) >	0	0	2	-	-



58 >	6.2 >	Surface water features >	0	0	1	-	-
58 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
58 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
59 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
60	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
60	7.2	Historical Flood Events	0	0	0	-	-
60	7.3	Flood Defences	0	0	0	-	-
61	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
61	7.5	Flood Storage Areas	0	0	0	-	-
62	7.6	Flood Zone 2	None (within 50m)				
62	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding >					
63 >	8.1 >	Surface water flooding >	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding >					
65 >	9.1 >	Groundwater flooding >	Moderate-High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
66	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
67	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
67	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
67	10.4	Special Protection Areas (SPA)	0	0	0	0	0
67	10.5	National Nature Reserves (NNR)	0	0	0	0	0
68 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	1
68	10.7	Designated Ancient Woodland	0	0	0	0	0
68	10.8	Biosphere Reserves	0	0	0	0	0
68	10.9	Forest Parks	0	0	0	0	0
69	10.10	Marine Conservation Zones	0	0	0	0	0
69	10.11	Green Belt	0	0	0	0	0
69	10.12	Proposed Ramsar sites	0	0	0	0	0



69	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
69	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
70	10.15	Nitrate Sensitive Areas	0	0	0	0	0
70	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
71 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
72	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
73	11.1	World Heritage Sites	0	0	0	-	-
73	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
73	11.3	National Parks	0	0	0	-	-
73	11.4	Listed Buildings	0	0	0	-	-
74	11.5	Conservation Areas	0	0	0	-	-
74	11.6	Scheduled Ancient Monuments	0	0	0	-	-
74	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
75 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
76	12.2	Open Access Land	0	0	0	-	-
76	12.3	Tree Felling Licences	0	0	0	-	-
76	12.4	Environmental Stewardship Schemes	0	0	0	-	-
76	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
77	13.1	Priority Habitat Inventory	0	0	0	-	-
77	13.2	Habitat Networks	0	0	0	-	-
77	13.3	Open Mosaic Habitat	0	0	0	-	-
77	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
78 >	14.1 >	10k Availability >	Identified (within 500m)				
79 >	14.2 >	Artificial and made ground (10k) >	0	0	4	2	-
81 >	14.3 >	Superficial geology (10k) >	1	1	0	0	-



82	14.4	Landslip (10k)	0	0	0	0	-
83 >	14.5 >	Bedrock geology (10k) >	1	1	0	0	-
84	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
85 >	15.1 >	50k Availability >	Identified (within 500m)				
86 >	15.2 >	Artificial and made ground (50k) >	0	0	1	0	-
87	15.3	Artificial ground permeability (50k)	0	0	-	-	-
88 >	15.4 >	Superficial geology (50k) >	1	0	0	0	-
89 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
89	15.6	Landslip (50k)	0	0	0	0	-
89	15.7	Landslip permeability (50k)	None (within 50m)				
90 >	15.8 >	Bedrock geology (50k) >	1	0	0	0	-
91 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
91	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
92	16.1	BGS Boreholes	0	0	0	-	-
Page	Section	Natural ground subsidence >					
93 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
94 >	17.2 >	Running sands >	Very low (within 50m)				
96 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
97 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
98 >	17.5 >	Landslides >	Very low (within 50m)				
100 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
102	18.1	BritPits	0	0	0	0	-
103 >	18.2 >	Surface ground workings >	0	0	12	-	-
103	18.3	Underground workings	0	0	0	0	0
104	18.4	Underground mining extents	0	0	0	0	-
104 >	18.5 >	Historical Mineral Planning Areas >	0	0	1	1	-



104	18.6	Non-coal mining	0	0	0	0	0
104 >	18.7 >	JPB mining areas >	Identified (within 0m)				
105	18.8	The Coal Authority non-coal mining	0	0	0	0	-
105	18.9	Researched mining	0	0	0	0	-
105	18.10	Mining record office plans	0	0	0	0	-
106	18.11	BGS mine plans	0	0	0	0	-
106	18.12	Coal mining	None (within 0m)				
106	18.13	Brine areas	None (within 0m)				
106	18.14	Gypsum areas	None (within 0m)				
106	18.15	Tin mining	None (within 0m)				
107	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
108	19.1	Natural cavities	0	0	0	0	-
108	19.2	Mining cavities	0	0	0	0	0
108	19.3	Reported recent incidents	0	0	0	0	-
108	19.4	Historical incidents	0	0	0	0	-
109	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
110 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
112 >	21.1 >	BGS Estimated Background Soil Chemistry >	1	1	-	-	-
112 >	21.2 >	BGS Estimated Urban Soil Chemistry >	2	4	-	-	-
113	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
114	22.1	Underground railways (London)	0	0	0	-	-
114	22.2	Underground railways (Non-London)	0	0	0	-	-
115	22.3	Railway tunnels	0	0	0	-	-
115 >	22.4 >	Historical railway and tunnel features >	0	0	8	-	-
115	22.5	Royal Mail tunnels	0	0	0	-	-



116	22.6	Historical railways	0	0	0	-	-
116	22.7	Railways	0	0	0	-	-
116	22.8	Crossrail 1	0	0	0	0	-
116	22.9	Crossrail 2	0	0	0	0	-
116	22.10	HS2	0	0	0	0	-

Recent aerial photograph



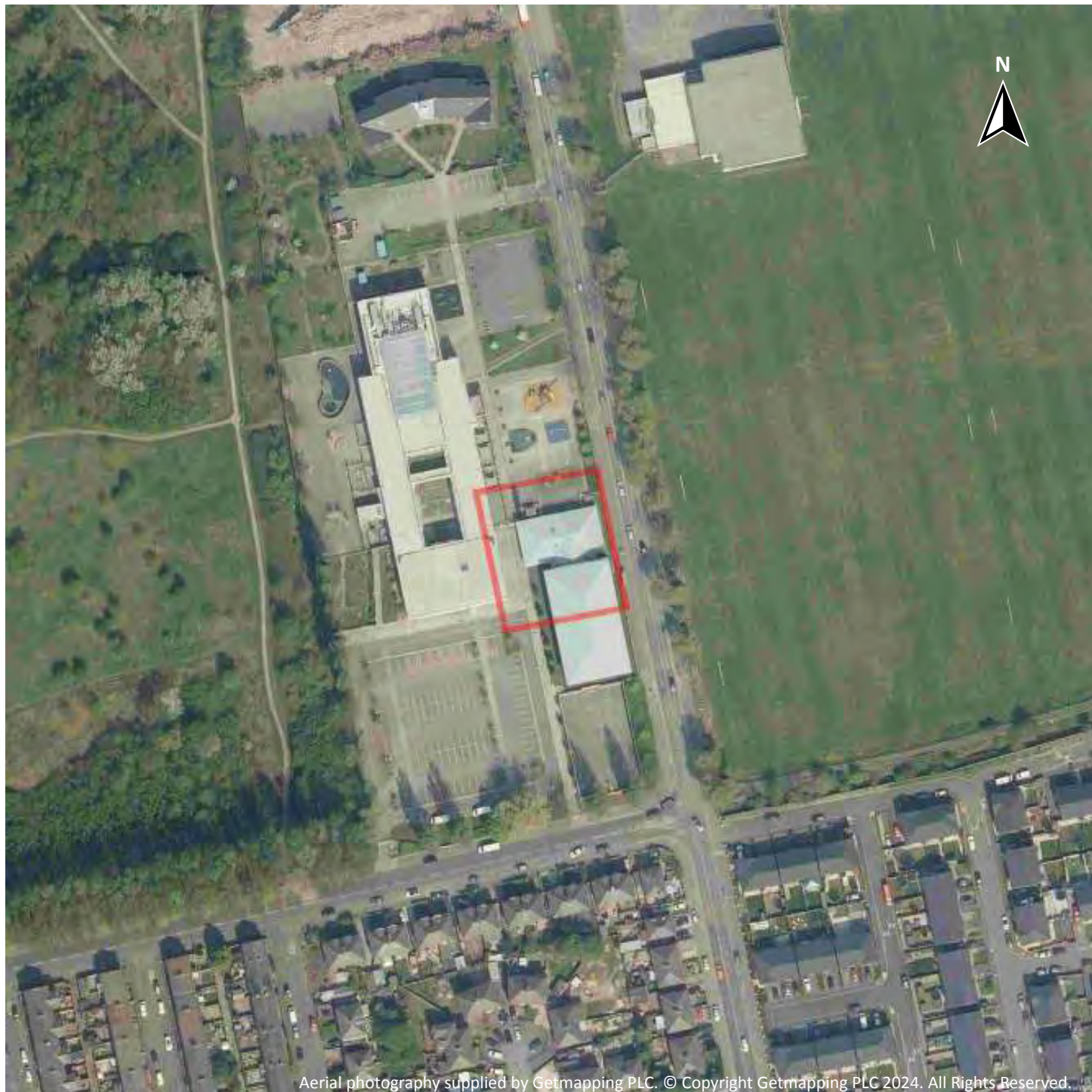
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Capture Date: 18/10/2022

Site Area: 0.18ha



Recent site history - 2019 aerial photograph



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Capture Date: 22/04/2019

Site Area: 0.18ha



Recent site history - 2015 aerial photograph



Capture Date: 11/06/2015

Site Area: 0.18ha



Recent site history - 2009 aerial photograph



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Capture Date: 02/06/2009

Site Area: 0.18ha



Recent site history - 2000 aerial photograph



Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2024. All Rights Reserved.

Capture Date: 19/06/2000

Site Area: 0.18ha



OS MasterMap site plan



Site Area: 0.18ha

1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

1.1 Historical industrial land uses

Records within 500m

39

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 15](#) >

ID	Location	Land use	Dates present	Group ID
A	59m W	Unspecified Ground Workings	1976	812972



ID	Location	Land use	Dates present	Group ID
A	59m W	Unspecified Pit	1965	827460
1	97m W	Railway Sidings	1965	857401
B	98m NW	Clay Pit	1981	906138
B	98m NW	Clay Pit	1968	946887
2	113m NW	Tramway Sidings	1956	856454
B	144m NW	Unspecified Pit	1956	828602
C	212m S	Print Works	1923	816923
3	256m SE	Unspecified Depot	1983	821094
5	272m SE	Unspecified Pit	1892	828599
D	324m S	Unspecified Works	1983	905188
D	324m S	Unspecified Works	1965 - 1976	967281
D	325m S	Print Works	1907	973465
D	325m S	Print Works	1907	957355
D	328m S	Unspecified Works	1916 - 1938	861516
D	328m S	Print Works	1892	876554
D	328m S	Print Works	1905	893149
E	360m NW	Brick Works	1934 - 1938	985959
F	362m W	Laundry	1955 - 1976	946668
F	369m W	Laundry	1934 - 1938	956432
7	372m NW	Clay Pit	1934 - 1938	925956
G	382m SE	Unspecified Depot	1976	893971
G	382m SE	Unspecified Depot	1983	943563
E	387m NW	Brick Work	1956	808359
E	387m NW	Brick Works	1968 - 1981	895203
H	389m SE	Unspecified Works	1976	956643
H	389m SE	Unspecified Works	1983 - 1989	963577
D	390m SE	Print Works	1849	1005889
D	402m S	Filler Tanks	1907	806570



ID	Location	Land use	Dates present	Group ID
K	438m SW	Unspecified Works	1916 - 1923	1003054
K	439m SW	Chocolate Works	1965	817347
K	439m SW	Unspecified Works	1976	926649
K	439m SW	Unspecified Works	1983 - 1989	939454
E	462m NW	Tramway Sidings	1934 - 1938	998765
L	479m SE	Unspecified Factory	1983	877721
L	479m SE	Unspecified Factory	1976	902665
E	497m NW	Sand Pit	1923	826956
E	497m NW	Brick Works	1923	1001635
E	498m NW	Brick Works	1905	920011

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

8

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 15 >](#)

ID	Location	Land use	Dates present	Group ID
4	262m N	Unspecified Tank	1933	120859
6	342m E	Unspecified Tank	1933	120860
D	351m SE	Tanks	1974	110594
D	385m S	Tanks	1974	110599
I	400m SE	Unspecified Tank	1974	148830
I	400m SE	Unspecified Tank	1992	155475
D	406m S	Filter Tanks	1907	112760
J	428m SE	Unspecified Tank	1992	120864



This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

3

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 15 >](#)

ID	Location	Land use	Dates present	Group ID
J	426m SE	Electricity Substation	1992	65927
M	486m NE	Electricity Substation	1992	64487
M	487m NE	Electricity Transformer	1989	68754

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

3

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 15 >](#)



ID	Location	Land use	Dates present	Group ID
C	230m S	Garage	1992	23355
C	253m S	Garage	1974	29452
8	493m E	Garage	1986	22552

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.



2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

2.1 Historical industrial land uses

Records within 500m

52

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 20](#) >

ID	Location	Land Use	Date	Group ID
A	59m W	Unspecified Ground Workings	1976	812972
A	59m W	Unspecified Pit	1965	827460
1	97m W	Railway Sidings	1965	857401



ID	Location	Land Use	Date	Group ID
B	98m NW	Clay Pit	1981	906138
B	98m NW	Clay Pit	1968	946887
2	113m NW	Tramway Sidings	1956	856454
B	144m NW	Unspecified Pit	1956	828602
C	212m S	Print Works	1923	816923
3	256m SE	Unspecified Depot	1983	821094
5	272m SE	Unspecified Pit	1892	828599
D	324m S	Unspecified Works	1976	967281
D	324m S	Unspecified Works	1983	905188
D	324m S	Unspecified Works	1965	967281
D	325m S	Print Works	1907	973465
D	325m S	Print Works	1907	957355
D	328m S	Unspecified Works	1938	861516
D	328m S	Unspecified Works	1934	861516
D	328m S	Unspecified Works	1916	861516
D	328m S	Print Works	1905	893149
D	328m S	Print Works	1892	876554
D	328m S	Unspecified Works	1923	861516
E	360m NW	Brick Works	1938	985959
E	360m NW	Brick Works	1934	985959
F	362m W	Laundry	1976	946668
F	362m W	Laundry	1955	946668
F	362m W	Laundry	1965	946668
F	369m W	Laundry	1938	956432
F	369m W	Laundry	1934	956432
G	372m NW	Clay Pit	1938	925956
G	372m NW	Clay Pit	1934	925956
H	382m SE	Unspecified Depot	1976	893971



ID	Location	Land Use	Date	Group ID
H	382m SE	Unspecified Depot	1983	943563
E	387m NW	Brick Work	1956	808359
E	387m NW	Brick Works	1968	895203
I	389m SE	Unspecified Works	1976	956643
I	389m SE	Unspecified Works	1983	963577
I	389m SE	Unspecified Works	1989	963577
D	390m SE	Print Works	1849	1005889
D	402m S	Filler Tanks	1907	806570
E	427m NW	Brick Works	1981	895203
L	438m SW	Unspecified Works	1923	1003054
L	439m SW	Unspecified Works	1976	926649
L	439m SW	Unspecified Works	1983	939454
L	439m SW	Unspecified Works	1989	939454
L	439m SW	Chocolate Works	1965	817347
E	462m NW	Tramway Sidings	1938	998765
E	462m NW	Tramway Sidings	1934	998765
M	479m SE	Unspecified Factory	1976	902665
M	479m SE	Unspecified Factory	1983	877721
E	497m NW	Sand Pit	1923	826956
E	497m NW	Brick Works	1923	1001635
E	498m NW	Brick Works	1905	920011

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

8

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 20 >](#)



ID	Location	Land Use	Date	Group ID
4	262m N	Unspecified Tank	1933	120859
6	342m E	Unspecified Tank	1933	120860
D	351m SE	Tanks	1974	110594
D	385m S	Tanks	1974	110599
J	400m SE	Unspecified Tank	1974	148830
J	400m SE	Unspecified Tank	1992	155475
D	406m S	Filter Tanks	1907	112760
K	428m SE	Unspecified Tank	1992	120864

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

3

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 20 >](#)

ID	Location	Land Use	Date	Group ID
K	426m SE	Electricity Substation	1992	65927
N	486m NE	Electricity Substation	1992	64487
N	487m NE	Electricity Transformer	1989	68754

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.



2.5 Historical garages

Records within 500m

3

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

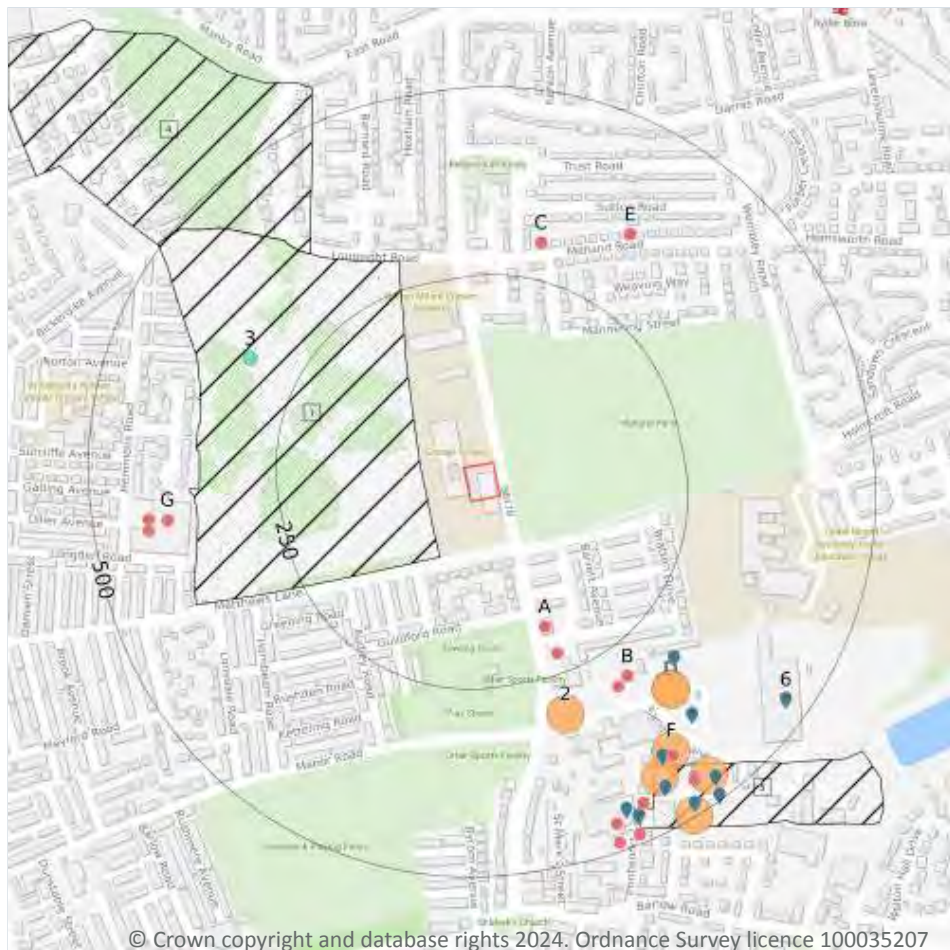
Features are displayed on the Past land use - un-grouped map on [page 20 >](#)

ID	Location	Land Use	Date	Group ID
C	230m S	Garage	1992	23355
C	253m S	Garage	1974	29452
7	493m E	Garage	1986	22552

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical landfill (EA/NRW)
- Historical landfill (BGS)
- Historical waste sites
- ◆ Licensed waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m

1

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

Features are displayed on the Waste and landfill map on [page 25 >](#)



ID	Location	Address	BGS Number	Risk	Waste Type
3	319m NW	Matthews Lane, Levenshulme, Manchester	519	No risk to aquifer	N/A

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0
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Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m	3
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Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

Features are displayed on the Waste and landfill map on [page 25 >](#)

ID	Location	Details		
1	56m W	Site Address: Matthews Lane, Longsight, Greater Manchester Licence Holder Address: -	Waste Licence: Yes Site Reference: F009 Waste Type: Inert, Industrial, Commercial, Household, Special, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 01/01/1974 Licence Surrender: -	Operator: Manchester Corporation Cleansing Department Licence Holder: Greater Manchester Waste Disposal Authority First Recorded 31/12/1969 Last Recorded: 11/07/1978
4	351m NW	Site Address: Pink Bank Lane, East Road, Longsight, Greater Manchester Licence Holder Address: -	Waste Licence: Yes Site Reference: F010, RD/RES/024/80 Waste Type: Inert, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 25/02/1980 Licence Surrender: 30/04/1991	Operator: - Licence Holder: Greater Manchester Waste Disposal Authority First Recorded 16/02/1981 Last Recorded: 01/05/1981

ID	Location	Details		
5	415m SE	Site Address: Levenshulme Trading Estate, Sandford Lane, Printowork Lane, Levenshulme, Greater Manchester Licence Holder Address: Printowork Lane, Levenshulme	Waste Licence: Yes Site Reference: F050, RD/LIC/244/82 Waste Type: Industrial, Special Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 03/05/1984 Licence Surrender: -	Operator: - Licence Holder: Greensite Limited First Recorded - Last Recorded: -

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m	7
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Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on [page 25 >](#)

ID	Location	Address	Further Details	Date
2	278m S	Site Address: C B A House, Sandfold Lane, Levenshulme, MANCHESTER, Greater Manchester, M19 3BJ	Type of Site: Utilities Contractors/Recycling Yard Planning application reference: 083364/FU/2007/N2 Description: Scheme comprises change of use from factory to mixed use including utilities contractors/recycling yard with associated processing operator to provide secondary aggregates. An application (ref: 083364/FU/2007/N2) for detailed planning permission was granted by Manchester C.C. Planning decision obtained Data source: Historic Planning Application Data Type: Point	-

ID	Location	Address	Further Details	Date
D	318m SE	Site Address: Sandfold Lane, Levenshulme, MANCHESTER, Greater Manchester, M19 3BJ	Type of Site: Metal Recycling Facility Planning application reference: 094018/FO/2010/N2 Description: Scheme comprises demolition of the existing buildings and comprises use of land as a scrap metal recycling centre and end of life vehicle processing centre involving construction of detached buildings including offices, vehicle service units, non-ferro s storage units and vehicle de-pollution units and associated plant including grabbing arm, associated 3 metre high acoustic fence and landscape buffer zone. Construction - fencing site works. An application (ref: 094018/FO/2010/N2) for detailed planningper mission was granted by Manchester C.C. The start date, contract period and project value are for guideline only. Detailed plans approved. Data source: Historic Planning Application Data Type: Point	12/12/2011
D	319m SE	Site Address: Sandfold Lane, Levenshulme, MANCHESTER, Greater Manchester, M19 3BJ	Type of Site: Recycling Centre Planning application reference: 083803/FO/2007/N2 Description: Scheme comprises refurbishment of household waste recycling centre. An application (ref: 083803/FO/2007/N2) for detailed planning permission was granted by Manchester C.C. This is part of the PFI waste management scheme, lead 05087716 This scheme is nowc omplete. Data source: Historic Planning Application Data Type: Point	11/05/2009
F	384m SE	Site Address: Wilkinson Skip Hire, 20 Sandfold Lane, Levenshulme, MANCHESTER, Greater Manchester, M19 3BJ	Type of Site: Recycling Facility (Conversion) Planning application reference: 082926/FO/2007/N2 Description: Scheme comprises change of use to recycling facility for commercial use and mixed builder waste and storage of segregated material. An application (ref: 082926/FO/2007/N2) for detailed planning permission was granted by Manchester C.C. Planning decisiono btained Data source: Historic Planning Application Data Type: Point	-



ID	Location	Address	Further Details	Date
F	405m SE	Site Address: 19a,Sandfold Lane, Levenshulme, MANCHESTER, Greater Manchester, M19 3BJ	Type of Site: Recycling Centre Planning application reference: 080230/FO/2006/N2 Description: Scheme comprises proposed use of site as a recycling centre for processing of industrial, commercial and household (HCI) waste. An application (ref: 080230/FO/2006/N2) for detailed planning permission was granted by Manchester C.C. Planning decision obtained Data source: Historic Planning Application Data Type: Point	-
F	439m SE	Site Address: Sandfold Lane, Sandfold Lane, Gorton, MANCHESTER, Greater Manchester, M19 3BJ	Type of Site: Waste Transfer Station Planning application reference: 52891 Description: An application (ref: 52891) for Detailed Planning permission was submitted to Manchester C.C. on 12th September 1997. Data source: Historic Planning Application Data Type: Point	-
F	472m SE	Site Address: 17,Sandfold Lane, Gorton, MANCHESTER, Greater Manchester, M19 3BJ	Type of Site: Waste Recycling Centre Planning application reference: 092407/WST/2010/N2 Description: Scheme comprises change of use to waste recycling centre. An application (ref: 092407/WST/2010/N2) for detailed planning permission was granted by Manchester C.C. A detailed planning application has been granted. Data source: Historic Planning Application Data Type: Point	20/03/2011

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m	20
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Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on [page 25 >](#)



ID	Location	Details		
D	316m SE	Site Name: Land To The North East Of Site Address: Sandfold Lane, Levenshulme, Manchester, M19 3BJ Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: COR137 EPR reference: EA/EPR/UP3399VG/A001 Operator: Cornbrook Metal Recycling Ltd Waste Management licence No: 102497 Annual Tonnage: 74999	Issue Date: 30/03/2011 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
D	316m SE	Site Name: I J Kayes Scrap Metal Site Address: 1a Unit, Sandfold Lane, Levenshulme, Manchester, Manchester, M19 3BJ Correspondence Address: -	Type of Site: Metal recycling, vehicle storage & depollution Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 632811 EPR reference: EA/EPR/UP3399VG Operator: Cornbrook Metal Recycling Limited Waste Management licence No: 102497 Annual Tonnage: 24999	Issue Date: 30/03/2011 Effective Date: 30/03/2011 Modified: 30/03/2011 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
D	387m SE	Site Name: Sandfold Lane Civic Amenity Site Site Address: Land/premises At, Sandfold Lane, Levenshulme, Manchester, M19 3BJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GMW022 EPR reference: EA/EPR/LP3396CV/V003 Operator: Viridor Waste (Greater Manchester) Ltd Waste Management licence No: 53679 Annual Tonnage: 3943.333	Issue Date: 01/02/1995 Effective Date: - Modified: 04/06/2009 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



ID	Location	Details		
D	387m SE	Site Name: Sandfold Lane Civic Amenity Site Site Address: Sandfold Lane, Levenshulme, Manchester, M19 3BJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GMW022 EPR reference: - Operator: G M Waste Ltd Waste Management licence No: 53679 Annual Tonnage: 3943.33	Issue Date: 01/02/1995 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
D	387m SE	Site Name: Sandfold Lane Civic Amenity Site Site Address: Land/premises At, Sandfold Lane, Levenshulme, Manchester, M19 3BJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GMW022 EPR reference: EA/EPR/LP3396CY/V003 Operator: Viridor Waste (Greater Manchester) Ltd Waste Management licence No: 53679 Annual Tonnage: 3943.333	Issue Date: 01/02/1995 Effective Date: - Modified: 04/06/2009 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
D	387m SE	Site Name: Sandfold Lane Civic Amenity Site Site Address: Sandfold Lane, Levenshulme, Manchester, M19 3BJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GMW022 EPR reference: LP3396CY/V Operator: Viridor Waste (Greater Manchester) Ltd Waste Management licence No: 53679 Annual Tonnage: 3943	Issue Date: 01/02/1995 Effective Date: - Modified: 04/06/2009 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



ID	Location	Details		
D	387m SE	Site Name: Sandfold Lane Civic Amenity Site Site Address: Land/premises At, Sandfold Lane, Levenshulme, Manchester, M19 3BJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SUE025 EPR reference: EA/EPR/GB3907XN/T001 Operator: Suez Recycling And Recovery U K Ltd Waste Management licence No: 53679 Annual Tonnage: 3943.333	Issue Date: 01/02/1995 Effective Date: 01/06/2019 Modified: 04/06/2009 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
D	387m SE	Site Name: Sandfold Lane Civic Amenity Site Site Address: Land/premises At, Sandfold Lane, Levenshulme, Manchester, M19 3BJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SUE025 EPR reference: EA/EPR/GB3907XN/T001 Operator: S U E Z Recycling And Recovery U K Ltd Waste Management licence No: 53679 Annual Tonnage: 3943.333	Issue Date: 01/02/1995 Effective Date: 01/06/2019 Modified: 04/06/2009 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
D	387m SE	Site Name: Sandfold Lane Civic Amenity Site Site Address: Land/premises At, Sandfold Lane, Levenshulme, Manchester, Manchester, M19 3BJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 627601 EPR reference: EA/EPR/GB3907XN Operator: Suez Recycling And Recovery Uk Ltd Waste Management licence No: 53679 Annual Tonnage: 3943	Issue Date: 01/02/1995 Effective Date: 01/02/1995 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
F	409m SE	Site Name: Wilkinson Contractors Site Address: Gate 20, Sandfold Lane, Levenshulme, Manchester, Manchester, M19 3BJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 630219 EPR reference: EA/EPR/TP3195EB Operator: Alan Wilkinson Waste Management licence No: 100031 Annual Tonnage: 4999	Issue Date: 28/03/2008 Effective Date: 28/03/2008 Modified: 28/03/2008 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked
F	447m SE	Site Name: Skip It Waste Management Ltd Site Address: 19a, Sandfold Lane, Levenshulme, Manchester, M19 3BJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SKI001 EPR reference: EA/EPR/JP3694CY/A001 Operator: Skip It Waste Management Waste Management licence No: 50479 Annual Tonnage: 25000	Issue Date: 31/07/2007 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 13/10/2009 Cancelled Date: - Status: Expired
F	447m SE	Site Name: Skip It Waste Management Ltd Site Address: 19a, Sandfold Lane, Levenshulme, Manchester, Manchester, M19 3BJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 630100 EPR reference: EA/EPR/JP3694CY Operator: Skip It Waste Management Waste Management licence No: 50479 Annual Tonnage: 25000	Issue Date: 31/07/2007 Effective Date: 31/07/2007 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired



ID	Location	Details		
F	450m SE	Site Name: Kwik Skip Site Address: Yard 9 Printworks Lane, Printworks Lane, Levenshulme, Manchester, Manchester, M19 3JP Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 649689 EPR reference: EA/EPR/RP3692CB Operator: Gary Connor Waste Management licence No: 53599 Annual Tonnage: 524	Issue Date: 10/07/1996 Effective Date: 10/07/1996 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired
F	465m SE	Site Name: Pink Skips Waste Transfer Station Site Address: Unit 9 Levenshulme Trading Est, Levenshulme, Manchester, Manchester, M19 3JP Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 631169 EPR reference: EA/EPR/DB3502SC Operator: A2b Skip Hire Manchester Ltd Waste Management licence No: 50320 Annual Tonnage: 24999	Issue Date: 30/09/2004 Effective Date: 13/06/2023 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
6	467m SE	Site Name: Utility Recycling North West Limited Site Address: Sandfold House, Sandfold Lane, Levenshulme, Manchester, Manchester, M19 3BJ Correspondence Address: -	Type of Site: Treatment of waste to produce soil 75,000 tpy Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 639770 EPR reference: EA/EPR/KB3105KT Operator: Utility Recycling North West Limited Waste Management licence No: 407512 Annual Tonnage: 75000	Issue Date: 26/04/2021 Effective Date: 26/04/2021 Modified: 26/04/2021 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
F	471m SE	Site Name: Cornbrook Metal Recycling Ltd Site Address: 6, Sandfold Lane, Levenshulme, Manchester, Manchester, M19 3BJ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 627866 EPR reference: EA/EPR/HP3594CW Operator: Cornbrook Metal Recycling Limited Waste Management licence No: 50337 Annual Tonnage: 0	Issue Date: 28/02/2005 Effective Date: 28/02/2005 Modified: - Surrendered Date: 28/02/2005 Expiry Date: - Cancelled Date: - Status: Surrendered



ID	Location	Details		
F	485m SE	Site Name: Inert Waste Transfer Station Site Address: UNIT 17, SANDFOLD LANE, MANCHESTER, M19 3BJ Correspondence Address: -	Type of Site: Inert & excavation Waste TS + treatment Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: - EPR reference: EA/EPR/WE0140AB/A001 Operator: A2b Skip Hire Manchester Ltd Waste Management licence No: 120809 Annual Tonnage: 0	Issue Date: 28/04/2023 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
F	494m SE	Site Name: Unit 17 Sandfold Lane Site Address: Unit 17, Sandfold Lane, Gorton, Manchester, Lancs, M19 3BJ Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RYA005 EPR reference: EA/EPR/XP3296ET/A001 Operator: Ryans Skip Hire Ltd Waste Management licence No: 102719 Annual Tonnage: 74999	Issue Date: 11/07/2011 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
F	494m SE	Site Name: Unit 17 Sandfold Lane Site Address: Unit 17, Sandfold Lane, Gorton, Manchester, M19 3BJ Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RYA005 EPR reference: EA/EPR/XP3296ET/A001 Operator: Ryan's Skip Hire Ltd Waste Management licence No: 102719 Annual Tonnage: 74999	Issue Date: 11/07/2011 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked
F	494m SE	Site Name: Unit 17 Sandfold Lane Site Address: Unit 17, Sandfold Lane, Gorton, Manchester, Manchester, M19 3BJ Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 652289 EPR reference: EA/EPR/XP3296ET Operator: Ryan's Skip Hire Limited Waste Management licence No: 102719 Annual Tonnage: 74999	Issue Date: 11/07/2011 Effective Date: 11/07/2011 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked



This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m	37
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Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on [page 25 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
A	184m SE	Rear Of 301 Mount Road, Bratton Drive, Branley Building Site, Manchester, M19 3et	WEX100638	Using waste exemption	Not on a farm	Use of waste in construction
A	223m SE	301 Mount Road Manchester M19 3et	EPR/NH0411R L/A001	Using waste exemption	Non-agricultural waste only	Use of waste in construction
B	294m SE	-	WEX370947	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	294m SE	-	WEX370947	Using waste exemption	Not on a farm	Use of waste in construction
B	294m SE	-	WEX243573	Using waste exemption	Not on a farm	Use of waste in construction
B	294m SE	-	WEX243573	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	294m SE	-	WEX101670	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	294m SE	-	WEX101670	Using waste exemption	Not on a farm	Use of waste in construction
B	298m SE	Redgate Holdings Ltd Sandfold Lane Gtr Manchester M19 3bh	EPR/EF0736AE /A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
C	299m N	Bemus Construction Services Limited, Melland Road, Gorton, Manchester, M187qa	WEX195970	Using waste exemption	Not on a farm	Use of waste in construction
C	299m N	Bemus Construction Services Limited, Melland Road, Gorton, Manchester, M187qa	WEX197079	Using waste exemption	Not on a farm	Use of waste in construction



ID	Location	Site	Reference	Category	Sub-Category	Description
C	299m N	C/o Seddon, Melland Road, Gorton, Manchester, M187qa	WEX230980	Using waste exemption	Not on a farm	Use of waste in construction
E	354m NE	Melland Road, Melland Road, Gorton, Manchester, M18 7qa	WEX106616	Treating waste exemption	Not on a farm	Screening and blending of waste
E	354m NE	Melland Road, Melland Road, Gorton, Manchester, M18 7qa	WEX106616	Using waste exemption	Not on a farm	Use of waste in construction
G	401m W	Unit 13, Hemmons Road, Levenshulme, Manchester, M12 5st	EA/EPR/VP385 2VP/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
F	415m SE	Unit 20, Sandfold Lane, Manchester, M19 3bj	WEX280665	Treating waste exemption	Not on a farm	Screening and blending of waste
F	415m SE	Unit 20, Sandfold Lane, Manchester, M19 3bj	WEX138663	Treating waste exemption	Not on a farm	Screening and blending of waste
G	426m W	Unit 13 Hemmons Road Manchester Manchester M12 5st	EPR/YF0407TQ /A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
G	429m W	-	WEX367539	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	452m SE	Unit 8 Printworks Lane M19 3jp	EPR/QF0105N Q/A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in secure containers
F	452m SE	Unit 8 Printworks Lane M19 3jp	EPR/QF0105N Q/A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
F	452m SE	Unit 8 Printworks Lane M19 3jp	EPR/QF0105N Q/A001	Treating waste exemption	Non-agricultural waste only	Preparatory treatments (baling, sorting, shredding etc)
F	455m SE	Cba House, Sandfold Lane, Levenshulme, Manchester, M193bj	WEX057713	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	455m SE	1a Sandfold Lane, Manchester, M19 3bj	WEX003732	Treating waste exemption	Not on a farm	Recovery of scrap metal
F	455m SE	Unit 10, Sandfold Lane, Manchester, M19 3bj	WEX094682	Storing waste exemption	Not on a farm	Storage of waste in secure containers
F	455m SE	Unit 10, Sandfold Lane, Manchester, M19 3bj	WEX094682	Storing waste exemption	Not on a farm	Storage of waste in a secure place

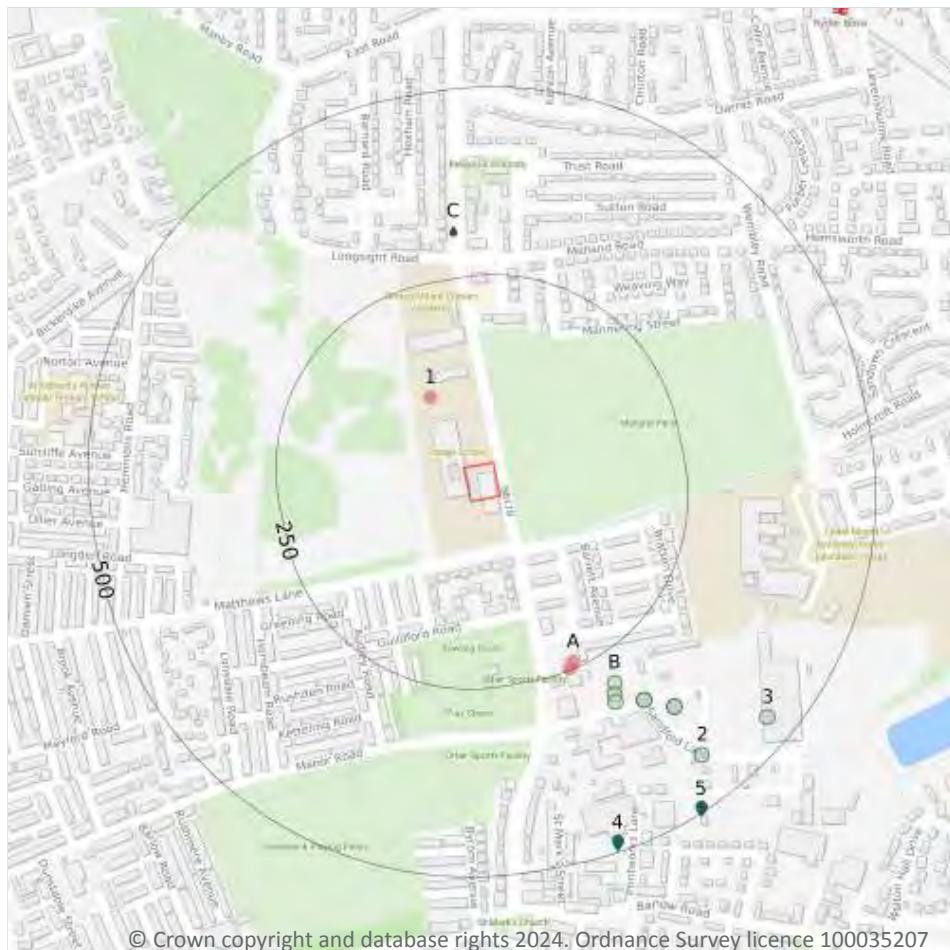


ID	Location	Site	Reference	Category	Sub-Category	Description
F	457m SE	Unit 1 Sandfold Lane Manchester M19 3bj	EPR/QH0411Y Z/A001	Treating waste exemption	Non- agricultural waste only	Recovery of scrap metal
F	458m SE	Sandfold Lane Recycling Centre, Sandfold Lane, Manchester, M19 3bj	WEX127152	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	458m SE	Cornbrook Metal Recycling Ltd, 1a Sandfold Lane, Levenshulme, Manchester, M19 3bj	WEX165890	Treating waste exemption	Not on a farm	Recovery of scrap metal
F	463m S	Unit 5b & 6, Printworks Lane, Levenshulme, Manchester, M19 3jp	WEX275422	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	463m S	Unit 5b & 6, Printworks Lane, Levenshulme, Manchester, M19 3jp	WEX275422	Storing waste exemption	Not on a farm	Storage of waste in secure containers
F	487m SE	Plastics Unit Frontage Printworks Lane Manchester M19 3jp	EPR/QF0405N U/A001	Storing waste exemption	Non- agricultural waste only	Storage of waste in secure containers
F	487m SE	Plastics Unit Frontage Printworks Lane Manchester M19 3jp	EPR/QF0405N U/A001	Storing waste exemption	Non- agricultural waste only	Storage of waste in a secure place
F	488m S	Levenshulme Trading Estate, Printworks Lane, Manchester, M19 3jp	WEX141895	Storing waste exemption	Not on a farm	Storage of waste in secure containers
F	488m S	Levenshulme Trading Estate, Printworks Lane, Manchester, M19 3jp	WEX141895	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	488m S	Levenshulme Trading Estate, Printworks Lane, Manchester, M19 3jp	WEX141895	Treating waste exemption	Not on a farm	Sorting mixed waste
F	488m S	Levenshulme Trading Estate, Printworks Lane, Manchester, M19 3jp	WEX141895	Treating waste exemption	Not on a farm	Recovery of scrap metal

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

3

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 39](#) >

ID	Location	Company	Address	Activity	Category
1	104m NW	Electricity Sub Station	Greater Manchester, M18	Electrical Features	Infrastructure and Facilities
A	241m SE	Works	Greater Manchester, M19	Unspecified Works Or Factories	Industrial Features
A	248m SE	F E Jones Builders	303, Mount Road, Manchester, Greater Manchester, M19 3ET	General Construction Supplies	Industrial Products



This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	0
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Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
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High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
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High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0
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Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	0
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Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m**0**

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m**0**

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m**0**

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m**0**

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m**2**

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on [page 39](#) >

ID	Location	Address	Details	
4	487m S	British Cement Corporation Ltd, Unit M5, Levenshulme Trading Estate, Printworks Lane, Levenshulme M19 3JP	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
5	495m SE	Mallatite Ltd, Sandford Lane, M19 3FT	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	0
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Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m	3
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Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on [page 39 >](#)

ID	Location	Address	Details	
C	313m N	GORE BROOK SEWER STAGE 2, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016941091 Permit Version: 1 Receiving Water: GORE BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1900 Revocation Date: 31/12/1994
C	313m N	MOUNT ROAD COMBINED SEWER OVERFLOW, 59 MOUNT ROAD, GORTON, MANCHESTER, GREATER MANCHESTER, M18 7BW	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0246 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/07/1991 Revocation Date: 31/12/1994



ID	Location	Address	Details	
C	313m N	MOUNT ROAD COMBINED SEWER OVERFLOW, 59 MOUNT ROAD, GORTON, MANCHESTER, GREATER MANCHESTER, M18 7BW	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0246 Permit Version: 2 Receiving Water: UNKNOWN	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 05/11/2019

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m	0
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Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to public sewer

Records within 500m	0
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Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m	0
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Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m	0
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Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m

9

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on [page 39](#) >

ID	Location	Details	
B	291m SE	Incident Date: 14/07/2003 Incident Identification: 173342 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
B	305m SE	Incident Date: 13/09/2010 Incident Identification: 821916 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)
B	314m SE	Incident Date: 04/04/2003 Incident Identification: 148446 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
B	332m SE	Incident Date: 25/02/2014 Incident Identification: 1212017 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
B	332m SE	Incident Date: 25/02/2014 Incident Identification: 1212017 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
B	364m SE	Incident Date: 21/08/2001 Incident Identification: 25649 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
B	364m SE	Incident Date: 21/08/2001 Incident Identification: 25649 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
2	437m SE	Incident Date: 24/11/2002 Incident Identification: 122664 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)



ID	Location	Details	
3	462m SE	Incident Date: 05/07/2003 Incident Identification: 171391 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m	0
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The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m	0
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The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory radioactive waste

Records within 500m	0
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The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

5 Hydrogeology - Superficial aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive
 - Unknown

5.1 Superficial aquifer

Records within 500m

2

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 46 >](#)

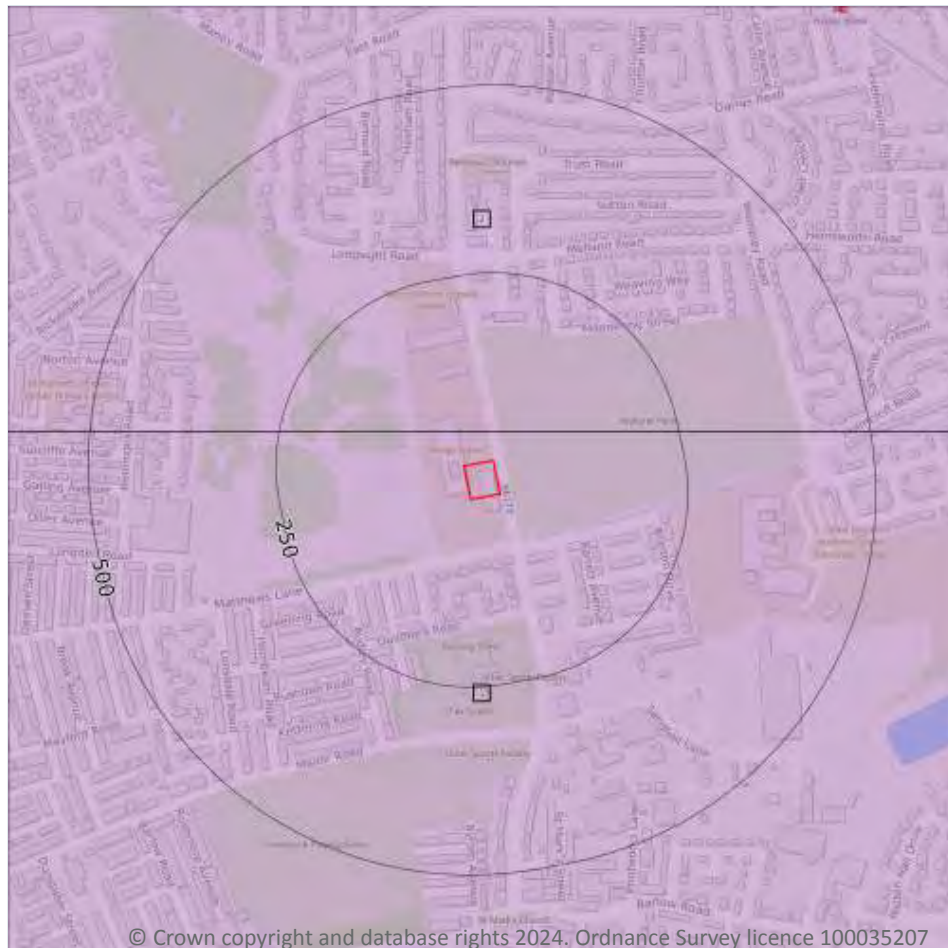
ID	Location	Designation	Description
1	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
2	38m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type



This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Bedrock aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

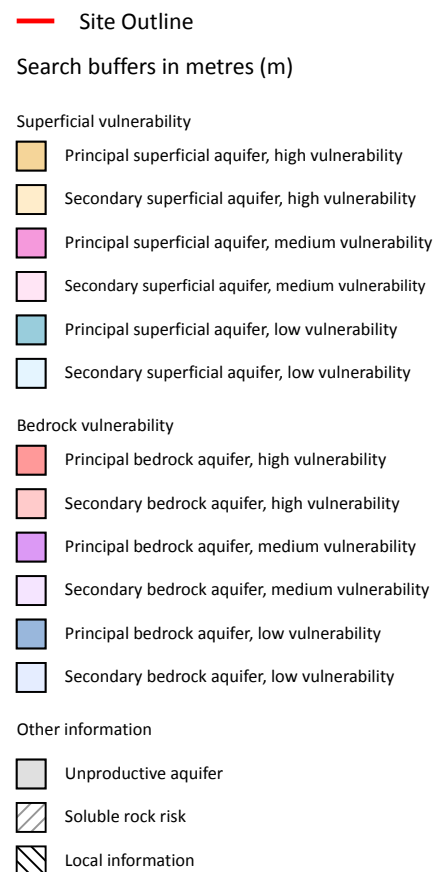
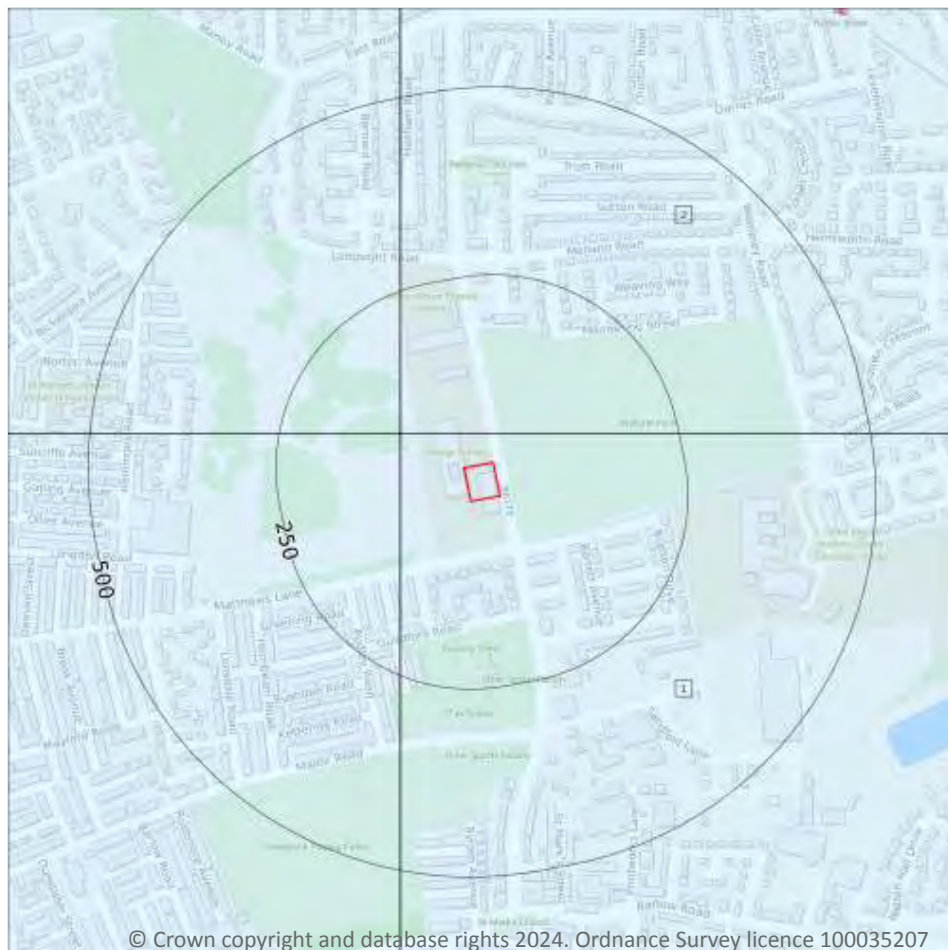
Features are displayed on the Bedrock aquifer map on [page 48](#) >

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	38m N	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

2

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on [page 50 >](#)

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300- 550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
2	38m N	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300- 550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site	0
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This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

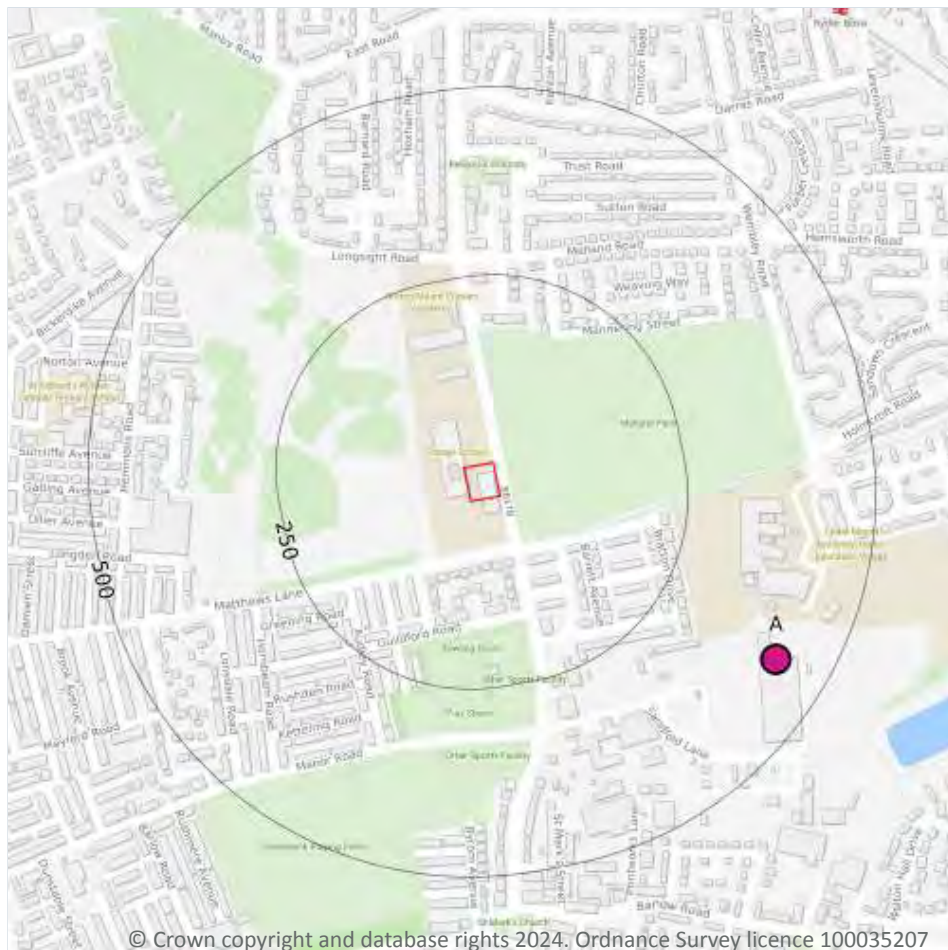
5.5 Groundwater vulnerability- local information

Records on site	0
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This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

This data is sourced from the British Geological Survey and the Environment Agency.

Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

12

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on [page 52 >](#)

ID	Location	Details	
A	427m SE	Status: Historical Licence No: 2569013018 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT SANDFOLD LANE, LEVENSHULME, MANCHESTER" Data Type: Point Name: CBA ENTERPRISES LTD Easting: 388500 Northing: 394700	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 18/06/1992 Expiry Date: - Issue No: 100 Version Start Date: 29/03/1996 Version End Date: -
A	427m SE	Status: Historical Licence No: 2569013018 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT SANDFOLD LANE, LEVENSHULME, MANCHESTER Data Type: Point Name: CBA ENTERPRISES LTD Easting: 388500 Northing: 394700	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 18/06/1992 Expiry Date: - Issue No: 100 Version Start Date: 29/03/1996 Version End Date: -
A	427m SE	Status: Historical Licence No: 2569013018 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT SANDFOLD LANE LEVENSHULME MANCHESTER Data Type: Point Name: CBA ENTERPRISES LTD Easting: 388500 Northing: 394700	Annual Volume (m³): 117835 Max Daily Volume (m³): 409 Original Application No: - Original Start Date: 18/06/1992 Expiry Date: - Issue No: 100 Version Start Date: 29/03/1996 Version End Date: -
-	1058m NW	Status: Historical Licence No: 2569006042 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: PERMO-TRIASSIC SANDSTONE AT BELLE VUE LEISURE CENTRE Data Type: Point Name: CLIVE BACK Easting: 387590 Northing: 395890	Annual Volume (m³): 15000 Max Daily Volume (m³): 276 Original Application No: - Original Start Date: 11/07/2002 Expiry Date: 31/03/2014 Issue No: 3 Version Start Date: 04/02/2009 Version End Date: -

ID	Location	Details	
-	1058m NW	Status: Historical Licence No: 2569006042 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: PERMO-TRIASSIC SANDSTONE AT BELLE VUE LEISURE CENTRE Data Type: Point Name: CLIVE BACK Easting: 387591 Northing: 395891	Annual Volume (m ³): 10000 Max Daily Volume (m ³): 276 Original Application No: - Original Start Date: 11/07/2002 Expiry Date: 31/03/2014 Issue No: 4 Version Start Date: 29/02/2012 Version End Date: -
-	1058m NW	Status: Historical Licence No: NW/069/0006/006 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: PERMO-TRIASSIC SANDSTONE AT BELLE VUE LEISURE CENTRE Data Type: Point Name: The Chief Operating Officer of the Eastlands Trust Easting: 387591 Northing: 395891	Annual Volume (m ³): 8000 Max Daily Volume (m ³): 276 Original Application No: - Original Start Date: 16/05/2014 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 16/05/2014 Version End Date: -
-	1151m N	Status: Historical Licence No: 2569006043 Details: Dust Suppression Direct Source: Ground Water - North West Region Point: PERMO-TRIASSIC SANDSTONE AT BELLE VUE, MANCHESTER Data Type: Point Name: G R A LIMITED Easting: 387950 Northing: 396100	Annual Volume (m ³): 4000 Max Daily Volume (m ³): 22 Original Application No: - Original Start Date: 20/06/2003 Expiry Date: 31/03/2014 Issue No: 2 Version Start Date: 01/04/2008 Version End Date: -
-	1662m SE	Status: Historical Licence No: 2569012134 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT LH'S PREMISES, REDDISH, STOCKPORT" Data Type: Point Name: OCTRAN LIMITED Easting: 389000 Northing: 393500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 29/11/1983 Expiry Date: - Issue No: 101 Version Start Date: 15/11/2001 Version End Date: -



ID	Location	Details	
-	1662m SE	Status: Historical Licence No: 2569012134 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT LH'S PREMISES, REDDISH, STOCKPORT Data Type: Point Name: OCTRAN LIMITED Easting: 389000 Northing: 393500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 29/11/1983 Expiry Date: - Issue No: 101 Version Start Date: 15/11/2001 Version End Date: -
-	1662m SE	Status: Historical Licence No: 2569012134 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT LH S PREMISES REDDISH STOCKPORT Data Type: Point Name: MILLSHOMES LTD Easting: 389000 Northing: 393500	Annual Volume (m ³): 13638 Max Daily Volume (m ³): 72.73 Original Application No: - Original Start Date: 29/11/1983 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2008 Version End Date: -
-	1920m N	Status: Active Licence No: NW/069/0004/012 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PRESTON STREET, MANCHESTER Data Type: Point Name: Cemex UK Materials Limited Easting: 388030 Northing: 396880	Annual Volume (m ³): 7500 Max Daily Volume (m ³): 72 Original Application No: NPS/WR/030760A Original Start Date: 19/06/2014 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 21/12/2018 Version End Date: -
-	1920m N	Status: Historical Licence No: 2569006044 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PRESTON STREET, GORTON, MANCHESTER Data Type: Point Name: CEMEX UK MATERIALS LTD Easting: 388030 Northing: 396880	Annual Volume (m ³): 15000 Max Daily Volume (m ³): 115 Original Application No: - Original Start Date: 23/10/2003 Expiry Date: 31/03/2014 Issue No: 3 Version Start Date: 15/10/2007 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.



5.7 Surface water abstractions

Records within 2000m**0**

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m**0**

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m**0**

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

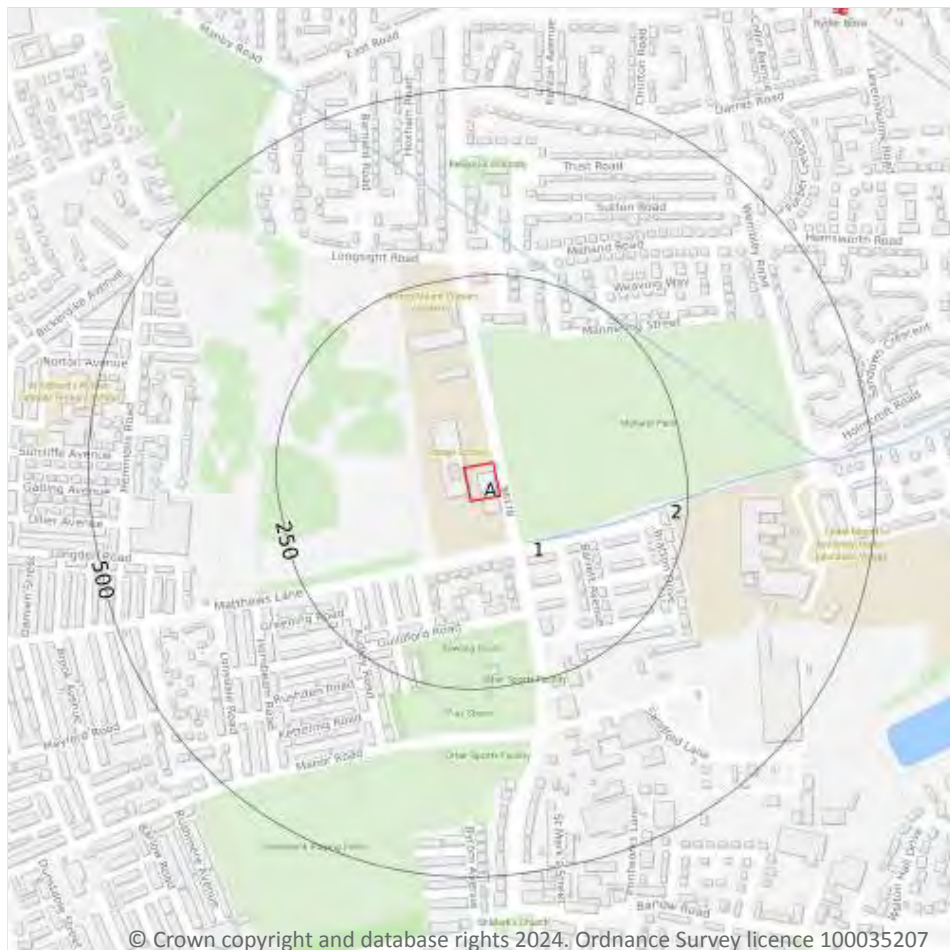
5.10 Source Protection Zones (confined aquifer)

Records within 500m**0**

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.

6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ... WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

2

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on [page 57 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
1	72m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
2	75m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	1
----------------------------	----------

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on [page 57 >](#)

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1
------------------------	----------

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on [page 57 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	River	Platt Brook (Source to Fallowfield Bk)	GB112069061060	Bollin Dean Mersey Upper	Mersey Upper

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified	1
---------------------------	----------

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the

water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed. Features are displayed on the Hydrology map on [page 57 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	786m N	River	Platt Brook (Source to Fallowfield Bk)	GB112069061060 ↗	Moderate	Fail	Moderate	2019

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site	1
------------------------	----------

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on [page 57 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Manchester and East Cheshire Permo-Triassic Sandstone Aquifers	GB41201G101100 ↗	Poor	Poor	Poor	2019

This data is sourced from the Environment Agency and Natural Resources Wales.

7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m**0**

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m**0**

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m**0**

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.



7.4 Areas Benefiting from Flood Defences

Records within 250m

0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m	0
--------------------	---

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

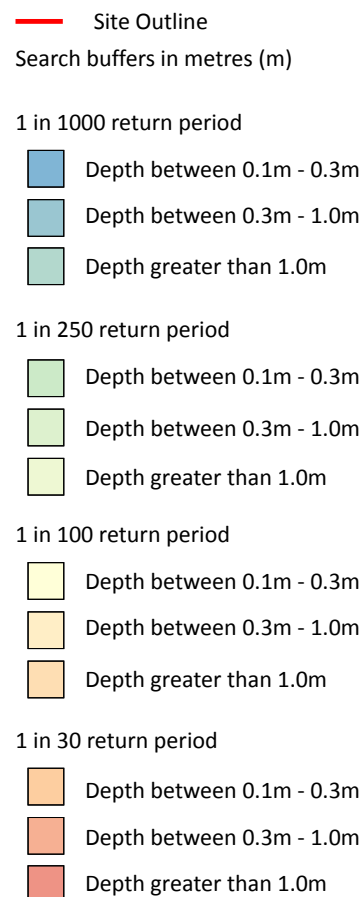
7.7 Flood Zone 3

Records within 50m	0
--------------------	---

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.1m - 0.3m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on [page 63 >](#)

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

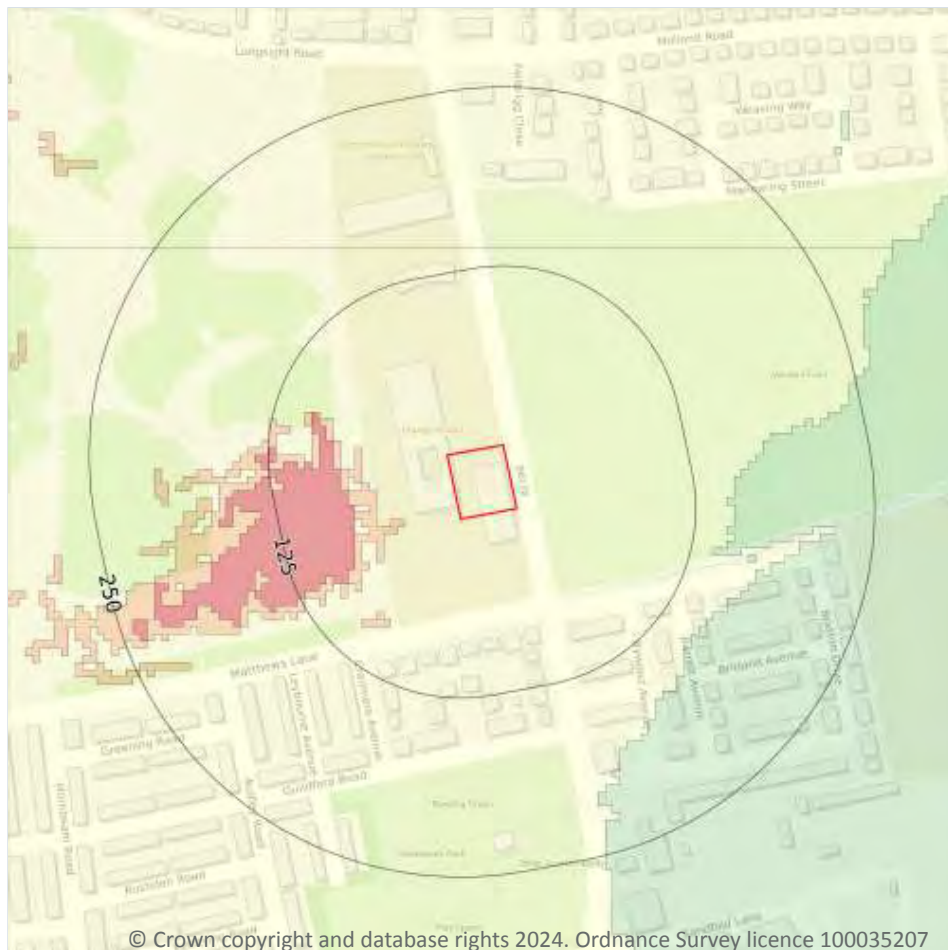
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.3m and 1.0m
1 in 250 year	Between 0.1m and 0.3m
1 in 100 year	Between 0.1m and 0.3m
1 in 30 year	Between 0.1m and 0.3m

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

Moderate-High

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on [page 65 >](#)

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



— Site Outline
Search buffers in metres (m)
+ Local Nature Reserves (LNR)

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m

1

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

Features are displayed on the Environmental designations map on [page 66 >](#)

ID	Location	Name	Data source
1	923m SE	Highfield Country Park	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m

0

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m

0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m

0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.



10.10 Marine Conservation Zones

Records within 2000m

0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m

0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m

0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.



10.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

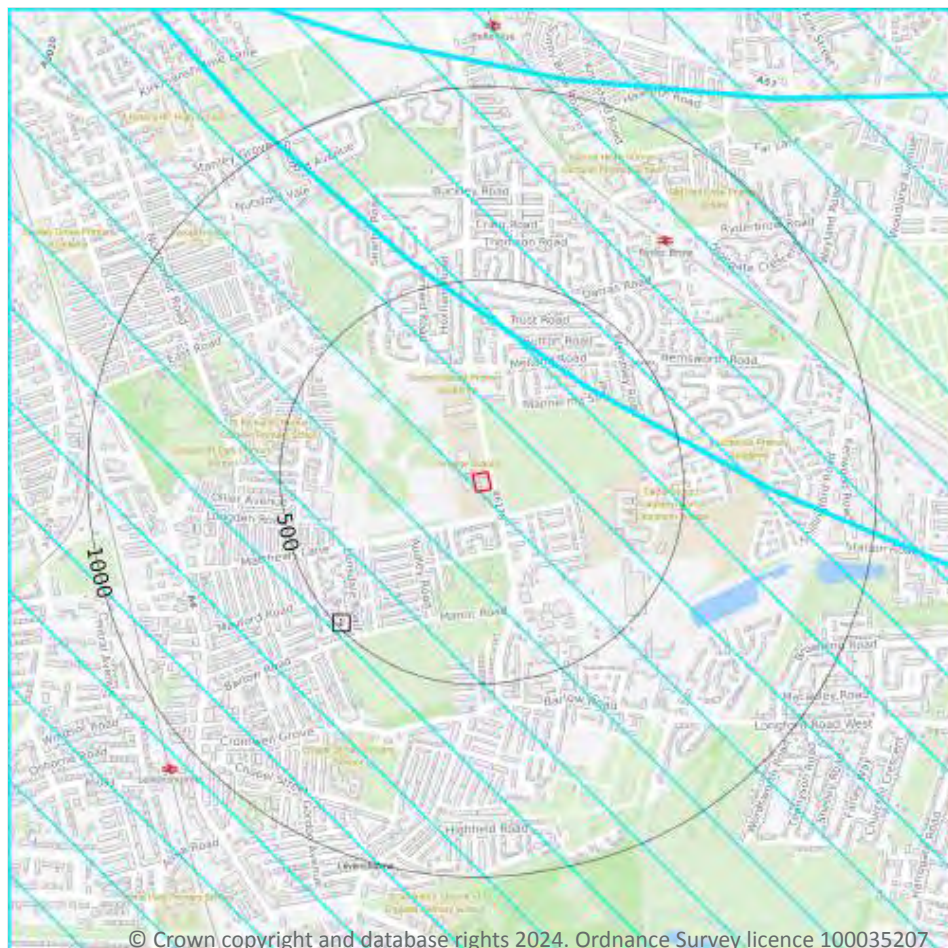
0

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

This data is sourced from Natural England and Natural Resources Wales.



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

1

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on [page 71](#) >

ID	Location	Type of developments requiring consultation
1	On site	Air pollution - Livestock & poultry units with floorspace > 500m ² , slurry lagoons & digestate stores > 4000m ² . Combustion - General combustion processes > 50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

0

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.



11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m

0

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.



This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m

0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.7 Registered Parks and Gardens

Records within 250m

0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.



12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

1

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on [page 75](#) >

ID	Location	Classification	Description
1	On site	Urban	-

This data is sourced from Natural England.



12.2 Open Access Land

Records within 250m

0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m

0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.

13 Habitat designations

13.1 Priority Habitat Inventory

Records within 250m

0

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

2

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

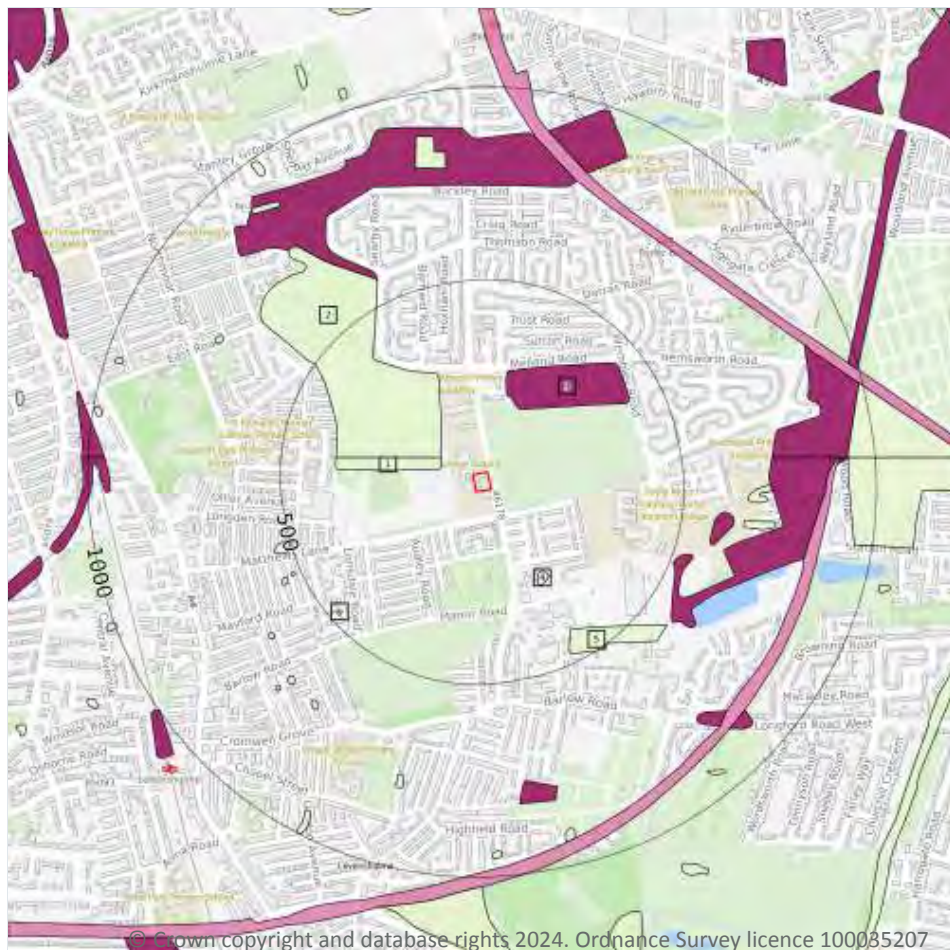
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 78](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SJ89SE
2	38m N	Full	Full	Full	Full	SJ89NE

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Artificial and made ground



- Site Outline**
- Search buffers in metres (m)**
- Reclaimed ground
 - Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m

6

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 79](#) >

ID	Location	LEX Code	Description	Rock description
1	84m W	WMGR-ARTDP	Infilled Ground	Artificial Deposit
2	94m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
3	183m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
4	249m SE	WMGR-ARTDP	Infilled Ground	Artificial Deposit



ID	Location	LEX Code	Description	Rock description
5	418m SE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
6	464m SW	WMGR-ARTDP	Infilled Ground	Artificial Deposit

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



14.3 Superficial geology (10k)

Records within 500m

2

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on [page 81](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
2	38m N	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton

This data is sourced from the British Geological Survey.



14.4 Landslip (10k)

Records within 500m

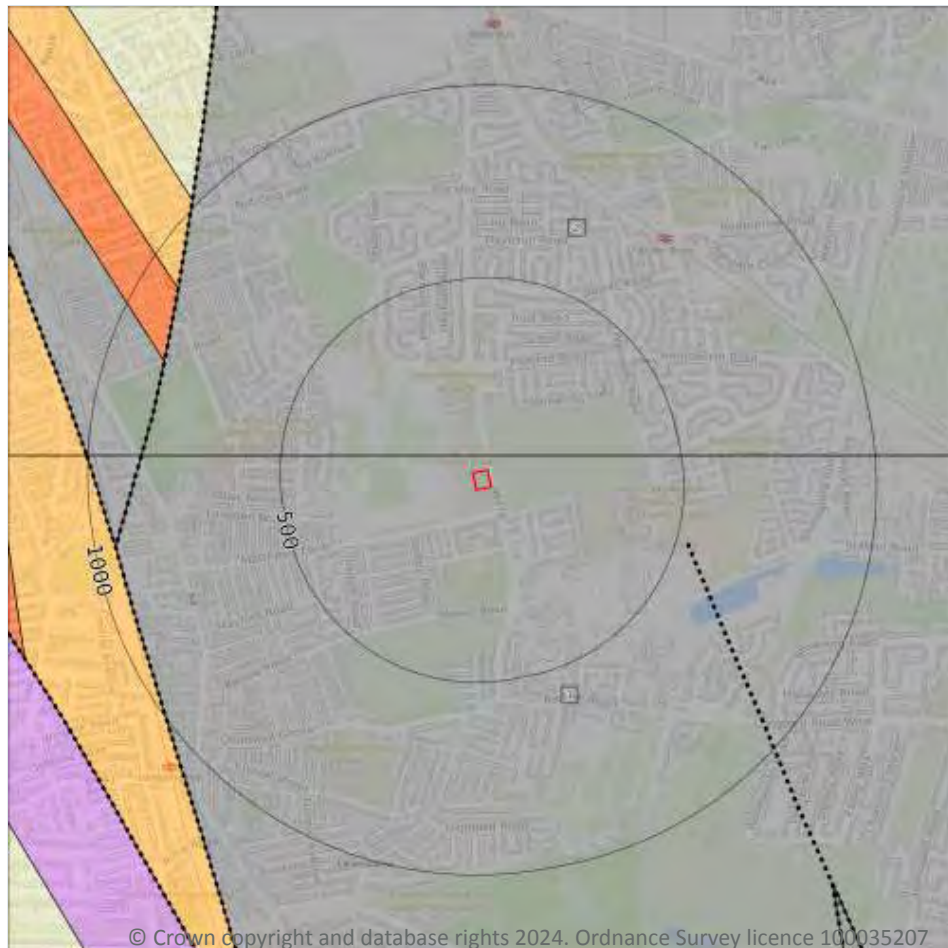
0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m

2

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 83](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	CPB-SDST	Chester Pebble Beds Formation - Sandstone	Early Triassic Epoch
2	38m N	CPB-SDST	Chester Pebble Beds Formation - Sandstone	Early Triassic Epoch

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

0

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline
Search buffers in metres (m)

☐ Geological map tile

15.1 50k Availability

Records within 500m

1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

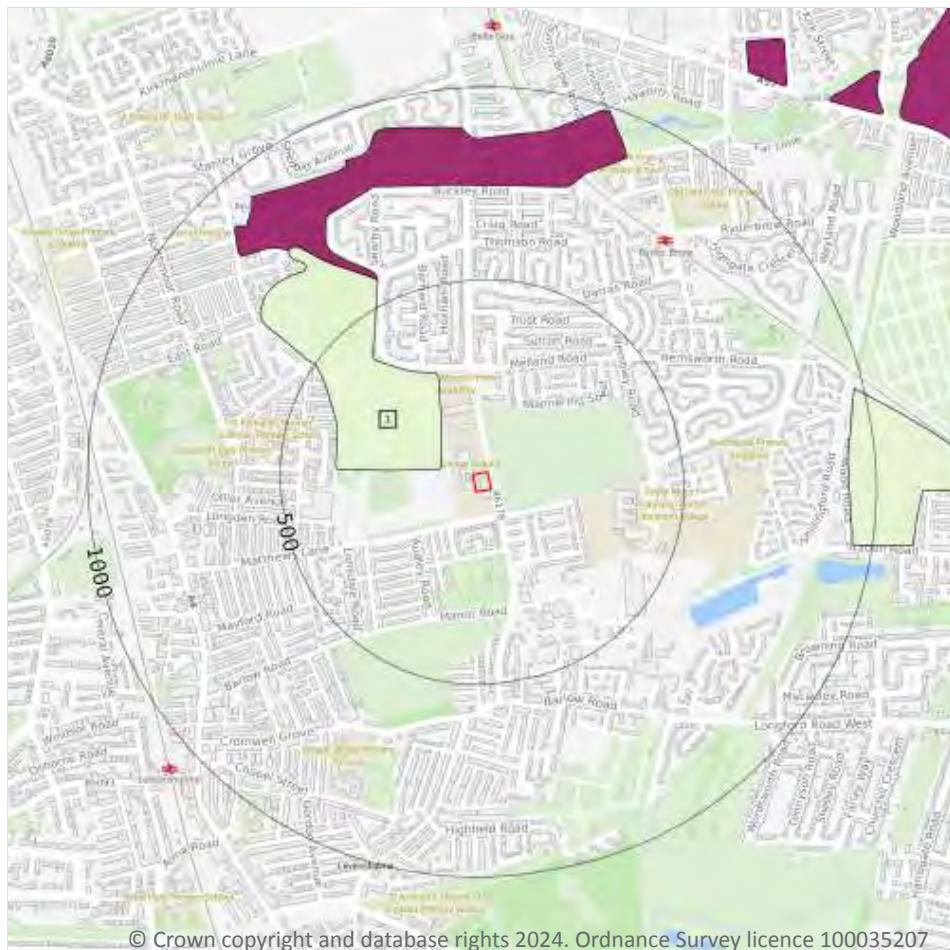
Features are displayed on the Geology 1:50,000 scale - Availability map on [page 85](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW085_manchester_v4

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Artificial and made ground



- Site Outline
- Search buffers in metres (m)
- Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m

1

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on [page 86](#) >

ID	Location	LEX Code	Description	Rock description
1	84m W	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



— Site Outline

Search buffers in metres (m)

 Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

1

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on [page 88](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	TILLD-DMTN	TILL, DEVANSIAN	DIAMICTON

This data is sourced from the British Geological Survey.



15.5 Superficial permeability (50k)

Records within 50m**2**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	High	Low
38m N	Mixed	High	Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m**0**

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

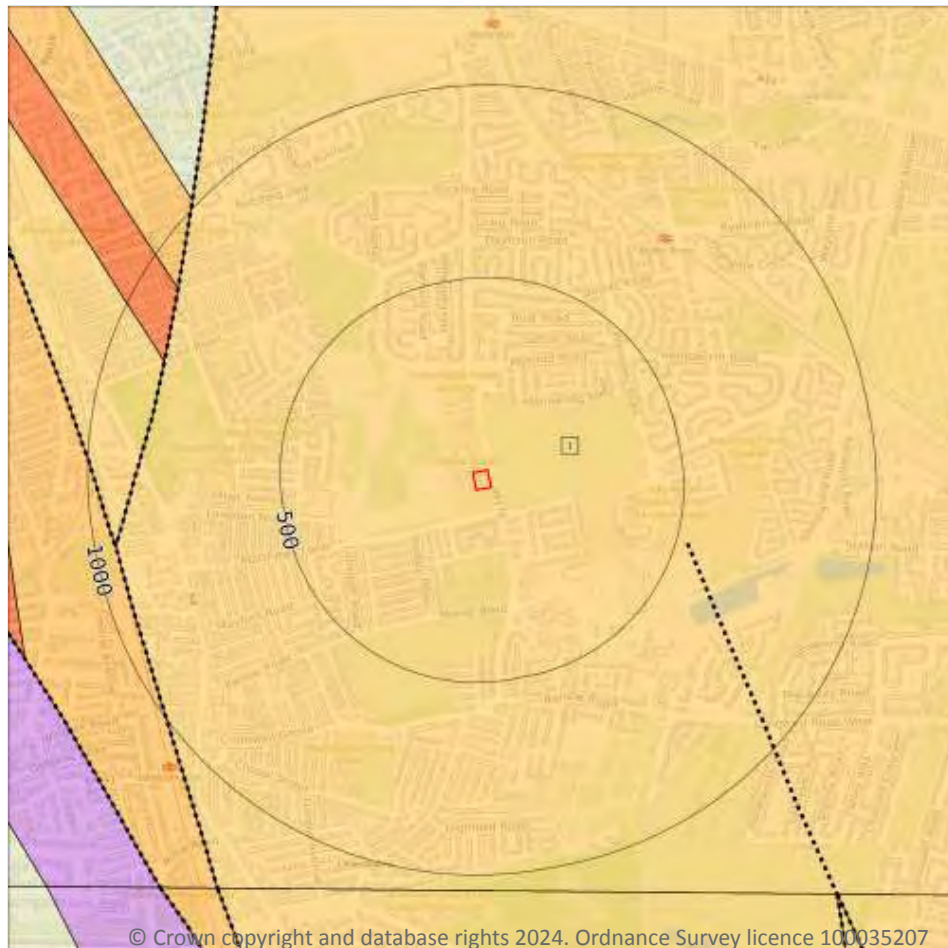
Records within 50m**0**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

1

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 90](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	CHES-SDST	CHESTER FORMATION - SANDSTONE	OLENEKIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

2

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	High	Moderate
38m N	Mixed	High	Moderate

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

0

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



16 Boreholes

16.1 BGS Boreholes

Records within 250m

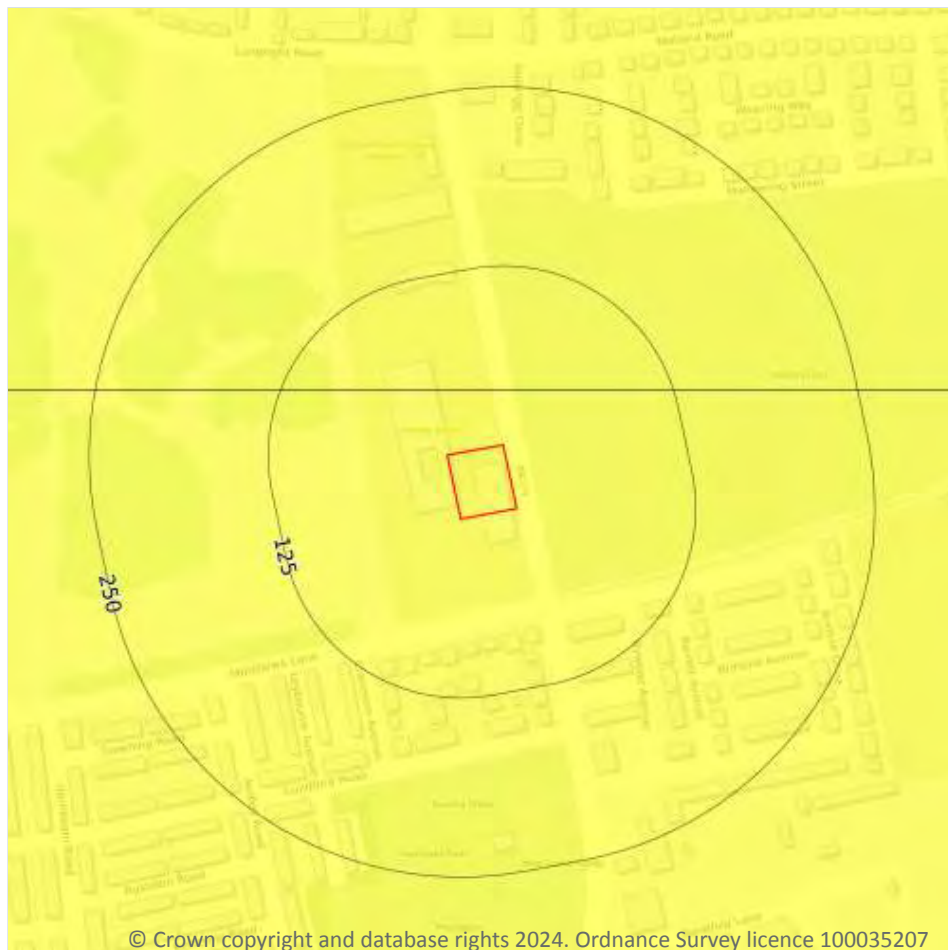
0

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☒ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.1 Shrink swell clays

Records within 50m

2

The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

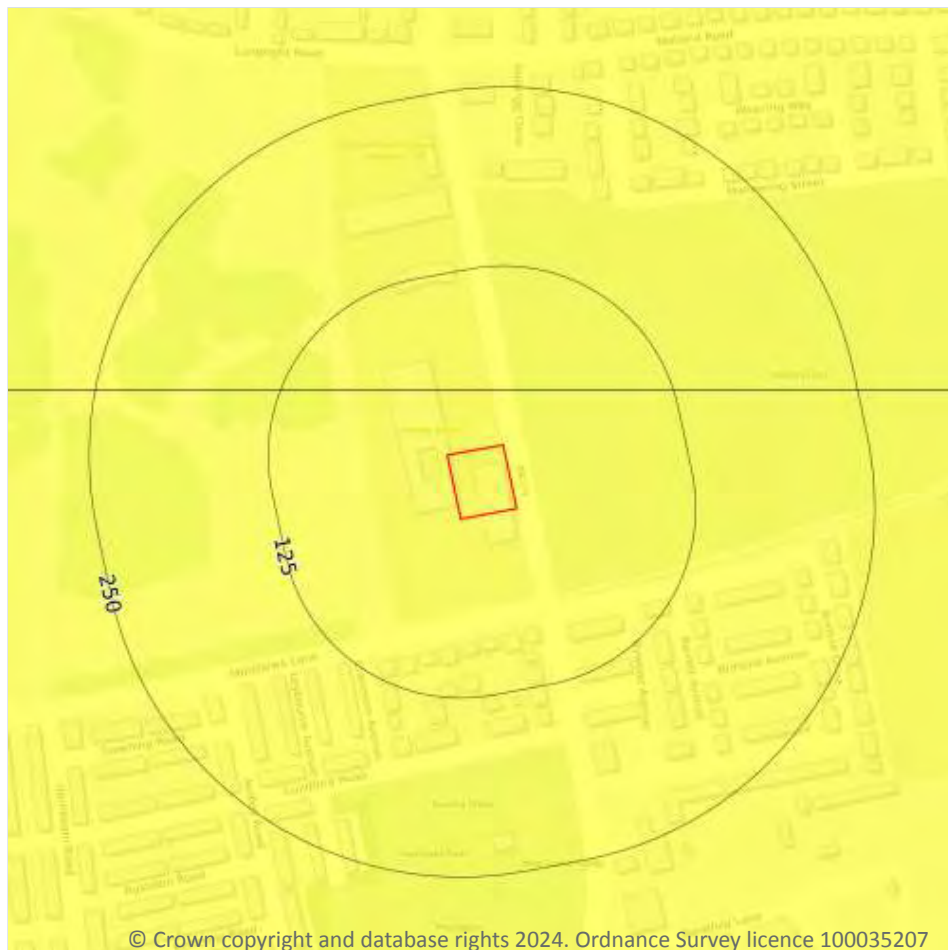
Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 93](#) >

Location	Hazard rating	Details
On site	Very low	Ground conditions predominantly low plasticity.
38m N	Very low	Ground conditions predominantly low plasticity.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

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17.2 Running sands

Records within 50m

2

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on [page 94](#) >

Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

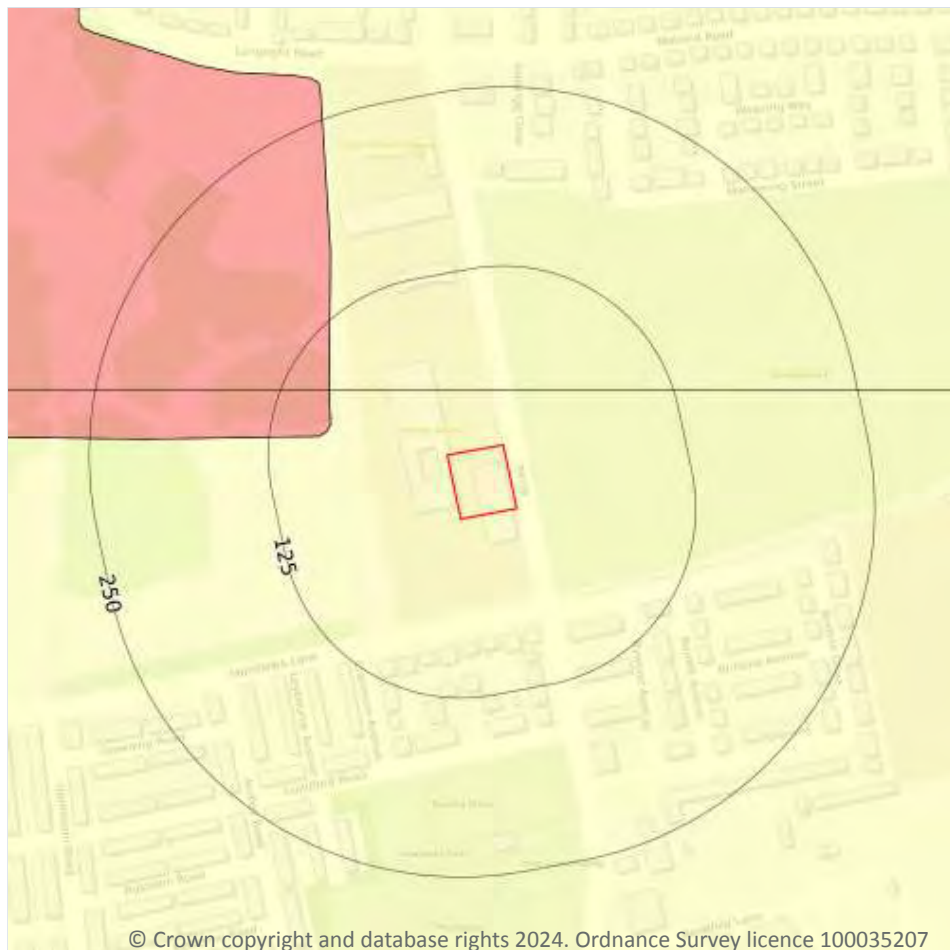


Location	Hazard rating	Details
38m N	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



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- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.3 Compressible deposits

Records within 50m

2

The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

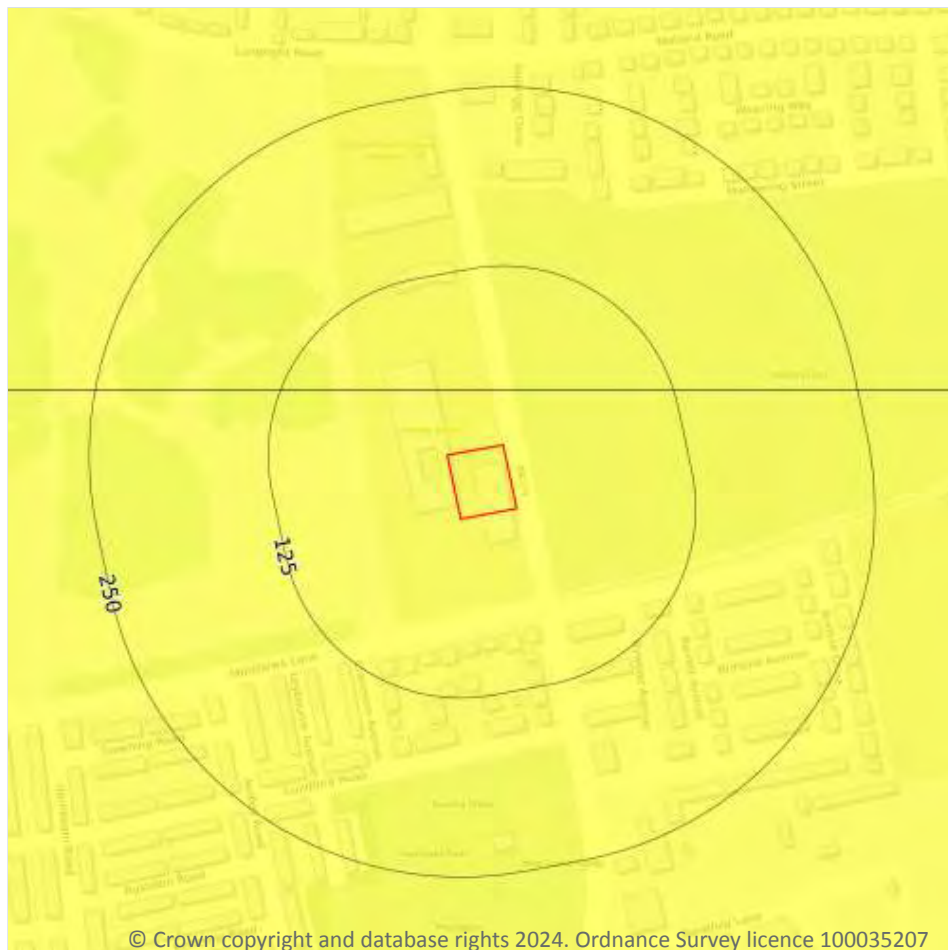
Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 96 >](#)

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
38m N	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



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- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.4 Collapsible deposits

Records within 50m

2

The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

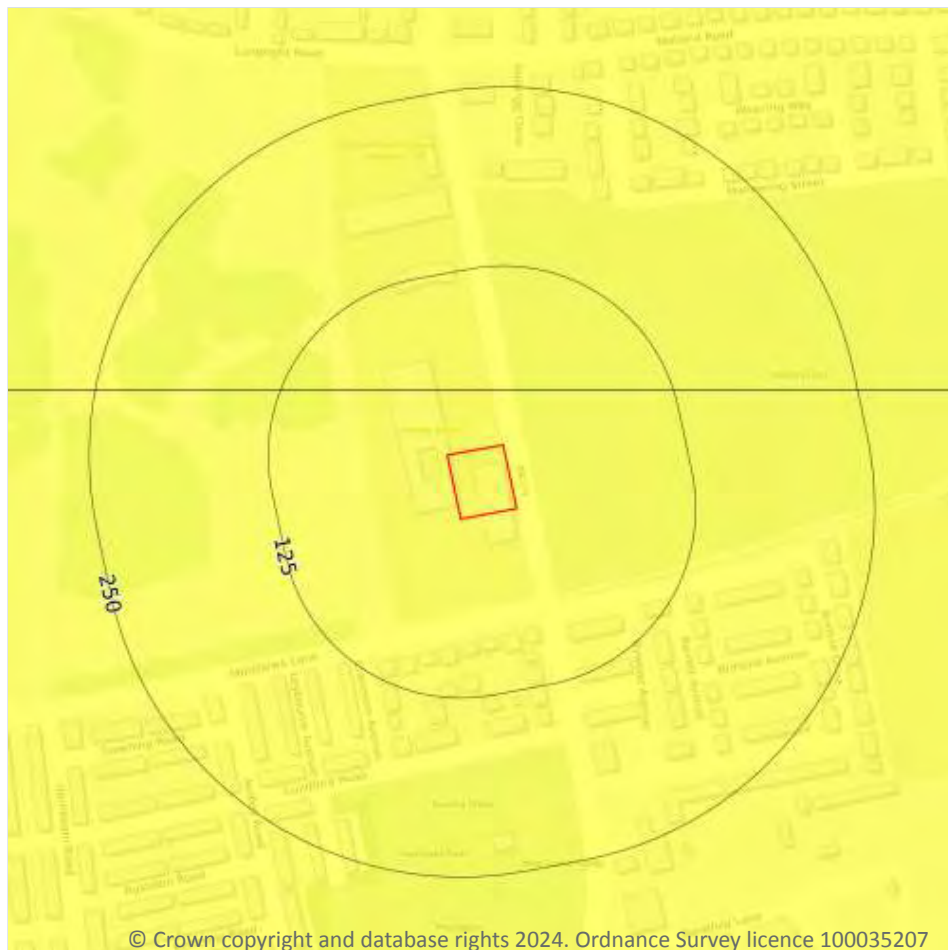
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 97](#) >

Location	Hazard rating	Details
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.
38m N	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



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— Site Outline
Search buffers in metres (m)

- ☐ No data
- ☐ Negligible
- ☐ Very low
- ☐ Low
- ☐ Moderate
- ☐ High

17.5 Landslides

Records within 50m

2

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on [page 98](#) >

Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

Location	Hazard rating	Details
38m N	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

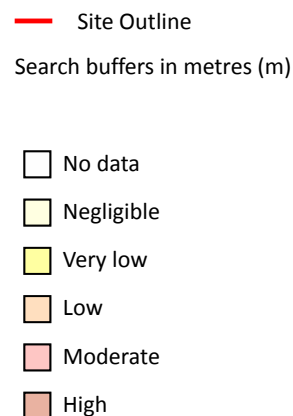
This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



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17.6 Ground dissolution of soluble rocks

Records within 50m

2

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 100](#) >

Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

Location	Hazard rating	Details
38m N	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

This data is sourced from the British Geological Survey.



18 Mining and ground workings



- Site Outline
- Search buffers in metres (m)
- BritPits
- ▢ Surface ground workings
- ▢ Underground workings
- ▢ Underground mining extents
- ▢ Historical mineral planning areas
- ▢ TCA non-coal mining
- Non Coal Mining
- ▢ Sporadic underground mining of restricted extent possible
- ▢ Localised small scale underground mining possible
- ▢ Small scale mining possible
- ▢ Underground mining known or likely within or in close proximity
- ▢ Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m

0

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m

12

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on [page 102 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
A	59m W	Unspecified Pit	1965	1:10560
A	59m W	Unspecified Ground Workings	1976	1:10000
B	98m NW	Clay Pit	1968	1:10560
B	98m NW	Clay Pit	1981	1:10000
B	144m NW	Unspecified Pit	1956	1:10560
C	166m NW	Pond	1938	1:10560
C	166m NW	Pond	1934	1:10560
C	175m NW	Pond	1905	1:10560
D	190m NE	Pond	1905	1:10560
D	196m NE	Pond	1907	1:10560
D	197m NE	Pond	1907	1:10560
2	220m SE	Ponds	1849	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m

0

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

This is data is sourced from Ordnance Survey/Groundsure.



18.4 Underground mining extents

Records within 500m

0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

2

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

Features are displayed on the Mining and ground workings map on [page 102 >](#)

ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
1	58m W	Nelstrop Road	Brick clay	Surface mineral working	Valid	21/10/47
E	368m NW	East Road	Brickearth, clay, bricks	Surface mineral working	Valid	16/9/47

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

0

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site

1

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.



Location	Details
On site	Whilst outside of an area where The Coal Authority have information on coal mining activities, Johnson Poole & Bloomer (JPB) may have information such as mining plans and maps held within their archive that have occurred within 1km of this property. Please note, the plans held by JPB may also relate to non-mining records. Further details and a quote for services (if appropriate) can be obtained by emailing this report to enquiries.gs@jpb.co.uk ↗.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m	0
---------------------	---

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m	0
---------------------	---

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m	0
---------------------	---

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m**0**

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site**0**

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site**0**

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.14 Gypsum areas

Records on site**0**

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site**0**

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0
-----------------	---

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).



19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.



This data is sourced from Groundsure.

19.5 National karst database

Records within 500m

0

This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over 800 caves, 1300 stream sinks, 5600 springs, 10,000 sinkholes.

The database is not yet complete, and not all records have been verified. The absence of data does not mean that karst features are not present at a site. A reliability rating is included with each record.

This data is sourced from the British Geological Survey.



This data is sourced from the British Geological Survey and UK Health Security Agency.



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

2

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
38m N	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

6

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

Location	Arsenic (mg/kg)	Bioaccessible Arsenic (mg/kg)	Lead (mg/kg)	Bioaccessible Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Tin (mg/kg)
On site	31	5.4	64	44	0.3	91	24	45	6
On site	36	6.3	58	40	0.3	95	30	50	4
10m S	32	5.6	43	30	0.3	90	19	45	4
11m S	33	5.8	56	38	0.3	93	30	48	4
38m N	39	6.8	62	43	0.3	96	29	51	5
42m N	33	5.8	93	64	0.3	97	29	50	8



This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m

0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects



- Site Outline
- Search buffers in metres (m)
- C1 Crossrail 1 Stations
- Crossrail 1 Route
- C2 Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

22.1 Underground railways (London)

Records within 250m

0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.



This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

8

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on [page 114 >](#)

Location	Land Use	Year of mapping	Mapping scale
97m W	Railway Sidings	1965	10560
113m NW	Tramway Sidings	1956	10560
116m NW	Tramway Sidings	1950	1250
116m NW	Tramway Sidings	1950	2500
119m W	Tramways Sidings	1956	1250
119m NW	Tramways Sidings	1950	2500
121m W	Tramways Sidings	1957	2500
121m NW	Tramway Sidings	1950	1250

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m

0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.



22.6 Historical railways

Records within 250m**0**

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m**0**

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 1

Records within 500m**0**

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

22.9 Crossrail 2

Records within 500m**0**

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.10 HS2

Records within 500m**0**

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 Ltd.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference> ↗.

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: www.groundsure.com/terms-and-conditions-april-2023/ ↗.



SMALL SCALE SURVEY PLANS



Site Details:

Grange School, Matthews Lane,
Levenshulme, Manchester, M12
4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

Map date: 1848-1849

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1845
Revised N/A
Edition 1848
Copyright N/A
Levelled N/A

Surveyed 1845
Revised N/A
Edition 1848
Copyright N/A
Levelled N/A

Surveyed 1845
Revised 1849
Edition 1848
Copyright N/A
Levelled N/A

Surveyed 1845
Revised N/A
Edition 1848
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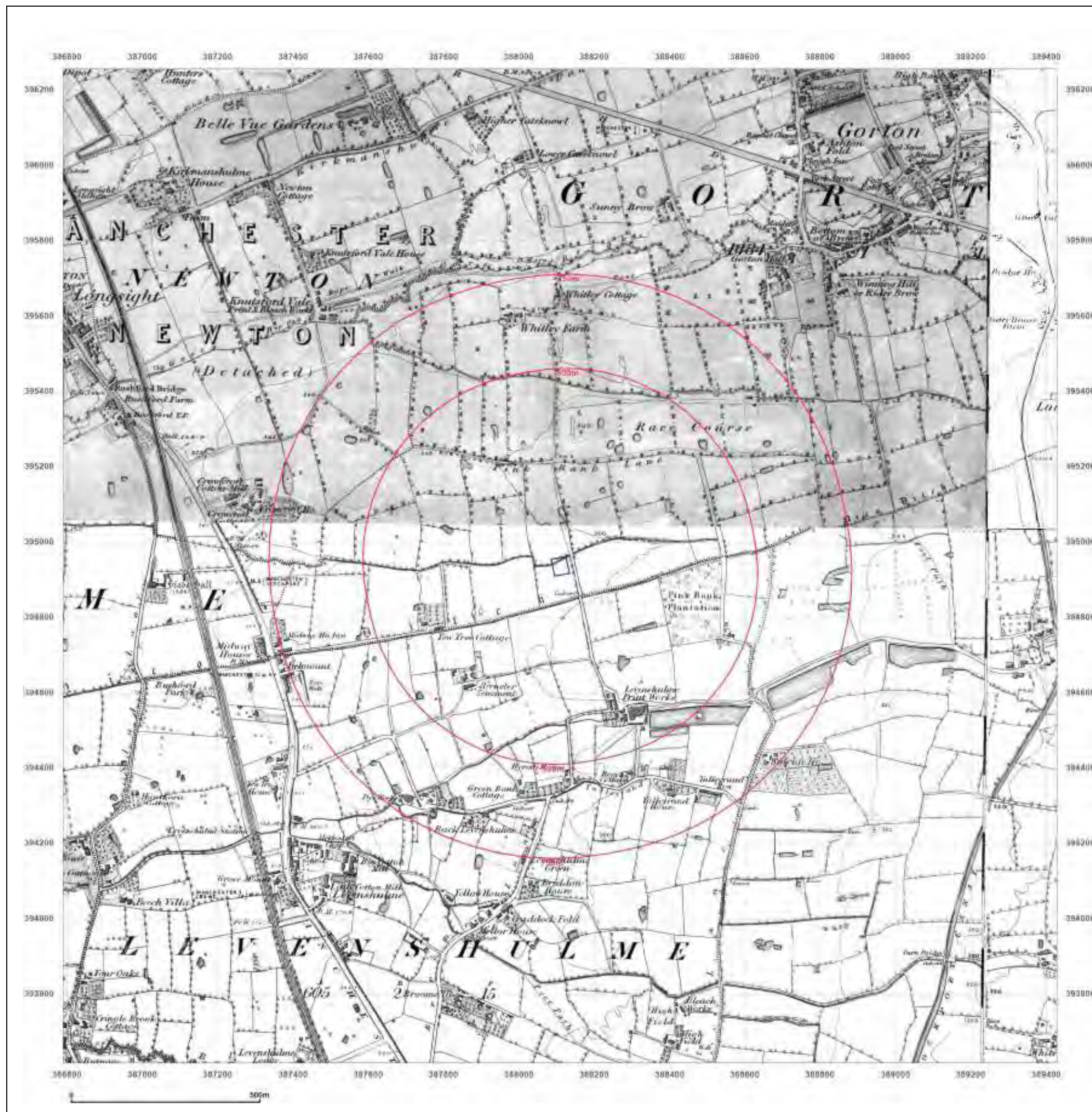


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Site Details:

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4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

Map date: 1890-1892

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1890
Revised 1890
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1892
Revised 1892
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1892
Revised 1892
Edition N/A
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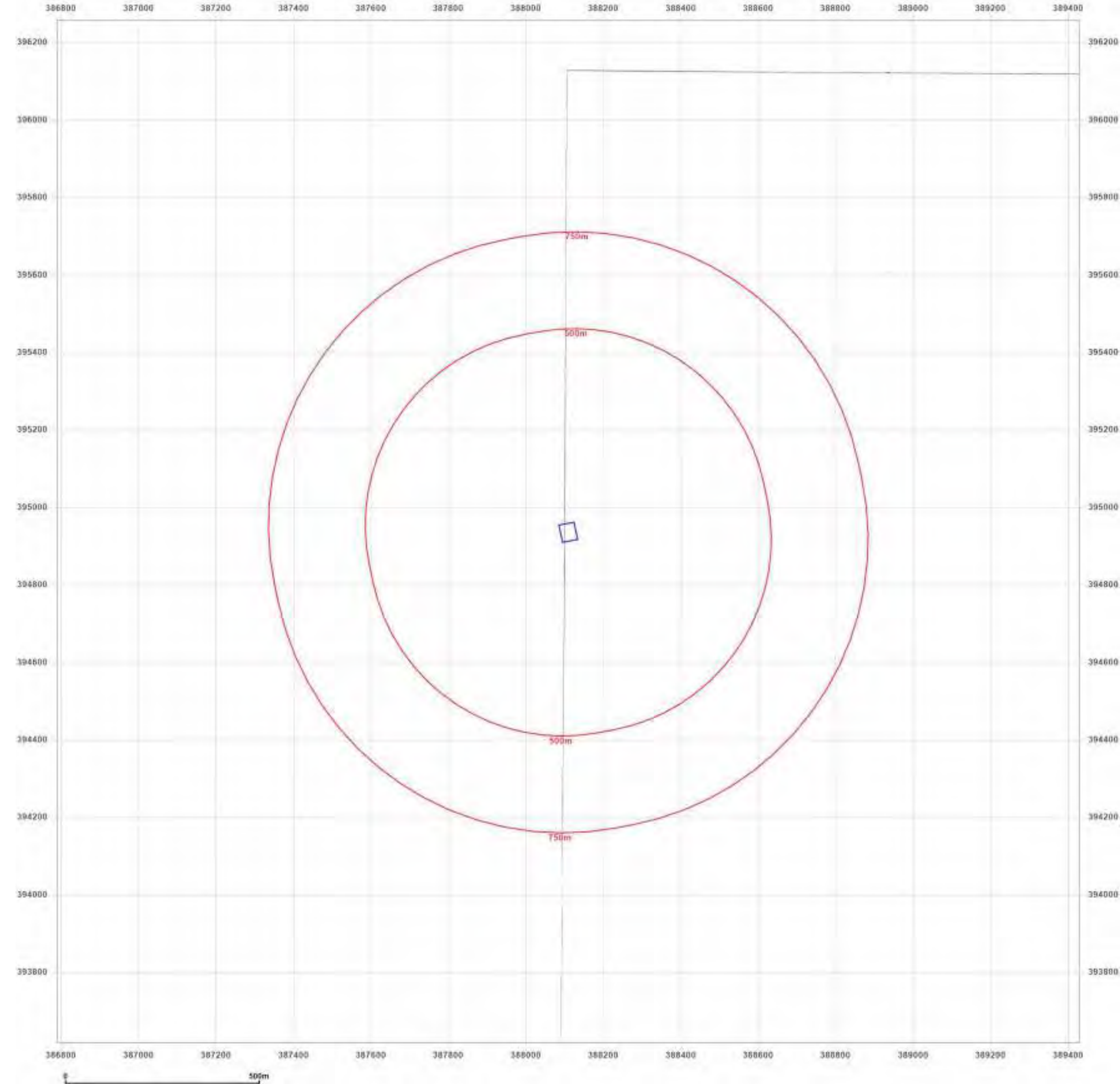
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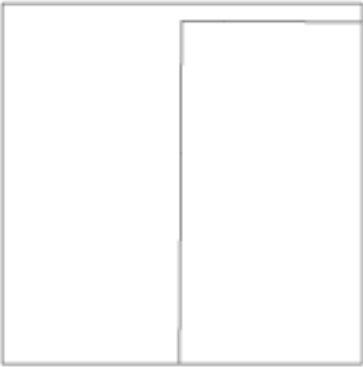
Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

Map date: 1899

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1872
Revised 1899
Edition N/A
Copyright N/A
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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

Map date: 1905-1906

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1844
Revised 1905
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1844
Revised 1906
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1892
Revised 1905
Edition N/A
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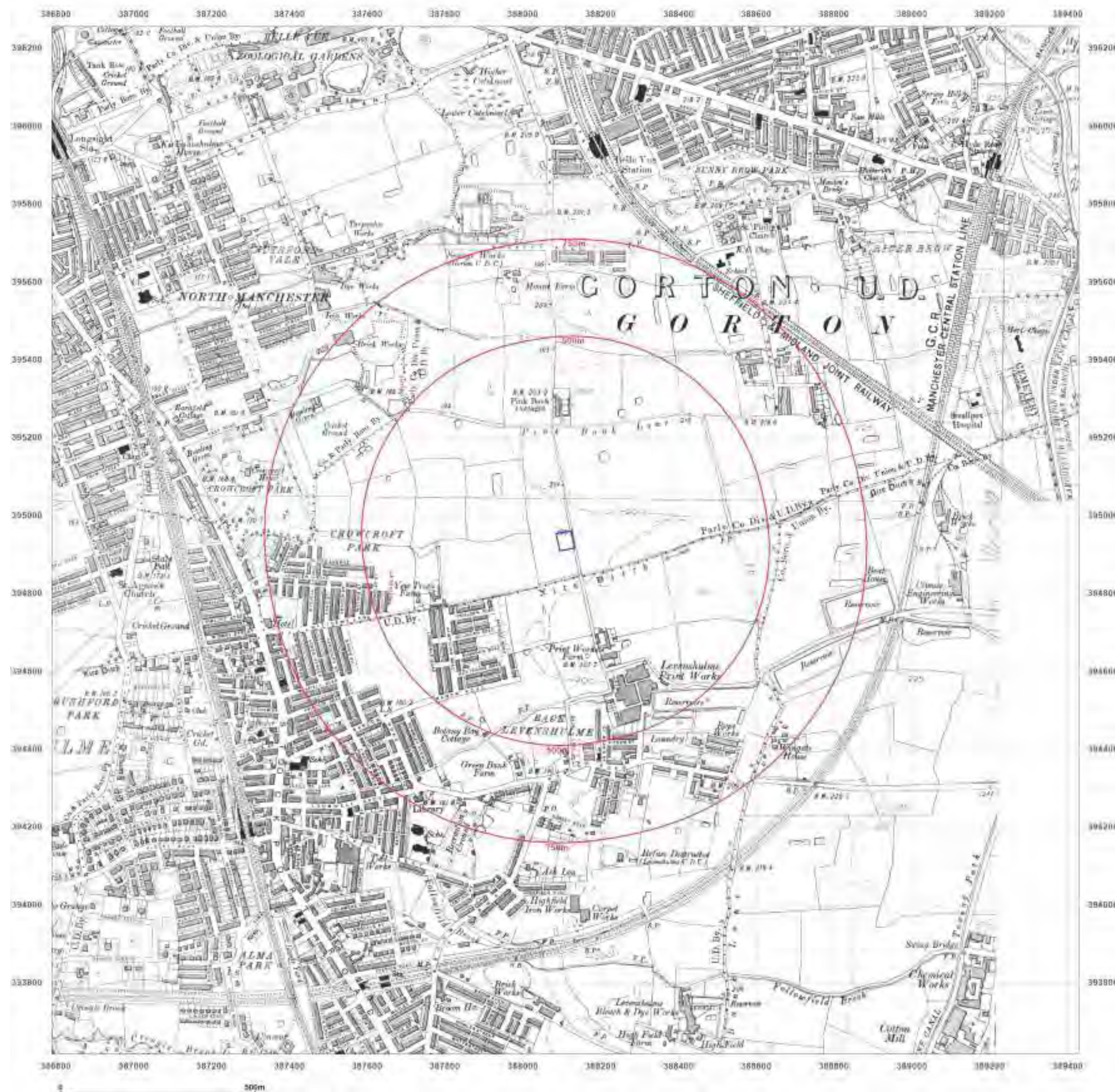


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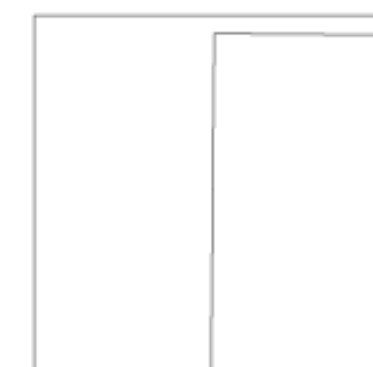
Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

Map date: 1907

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1871
Revised 1907
Edition N/A
Copyright N/A
Levelled N/A



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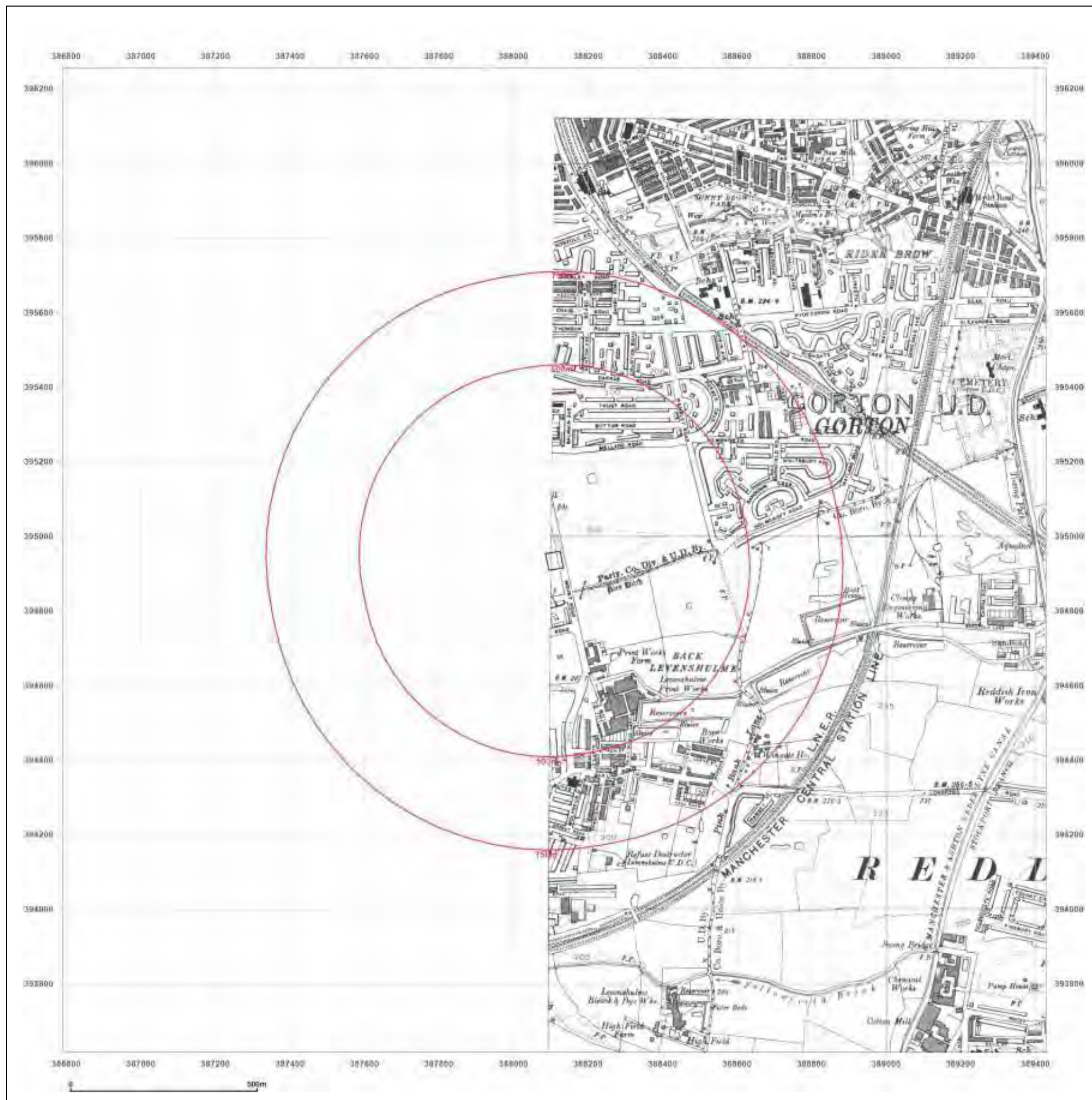


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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

Map date: 1907

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1871
Revised 1907
Edition N/A
Copyright N/A
Levelled N/A



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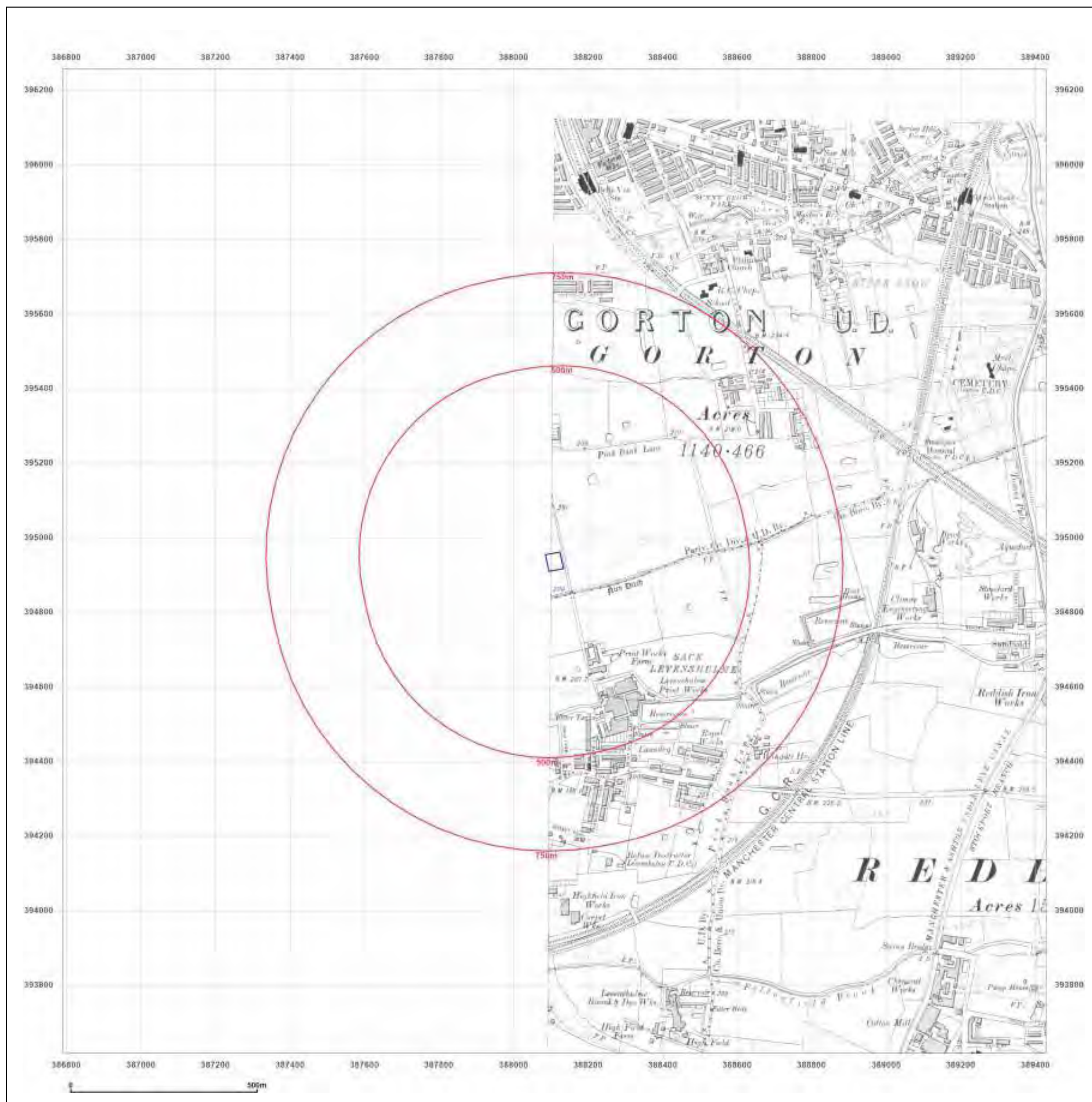


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4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

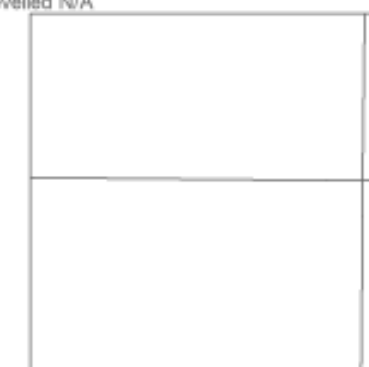
Map date: 1911-1915

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1844
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1844
Revised 1911
Edition N/A
Copyright N/A
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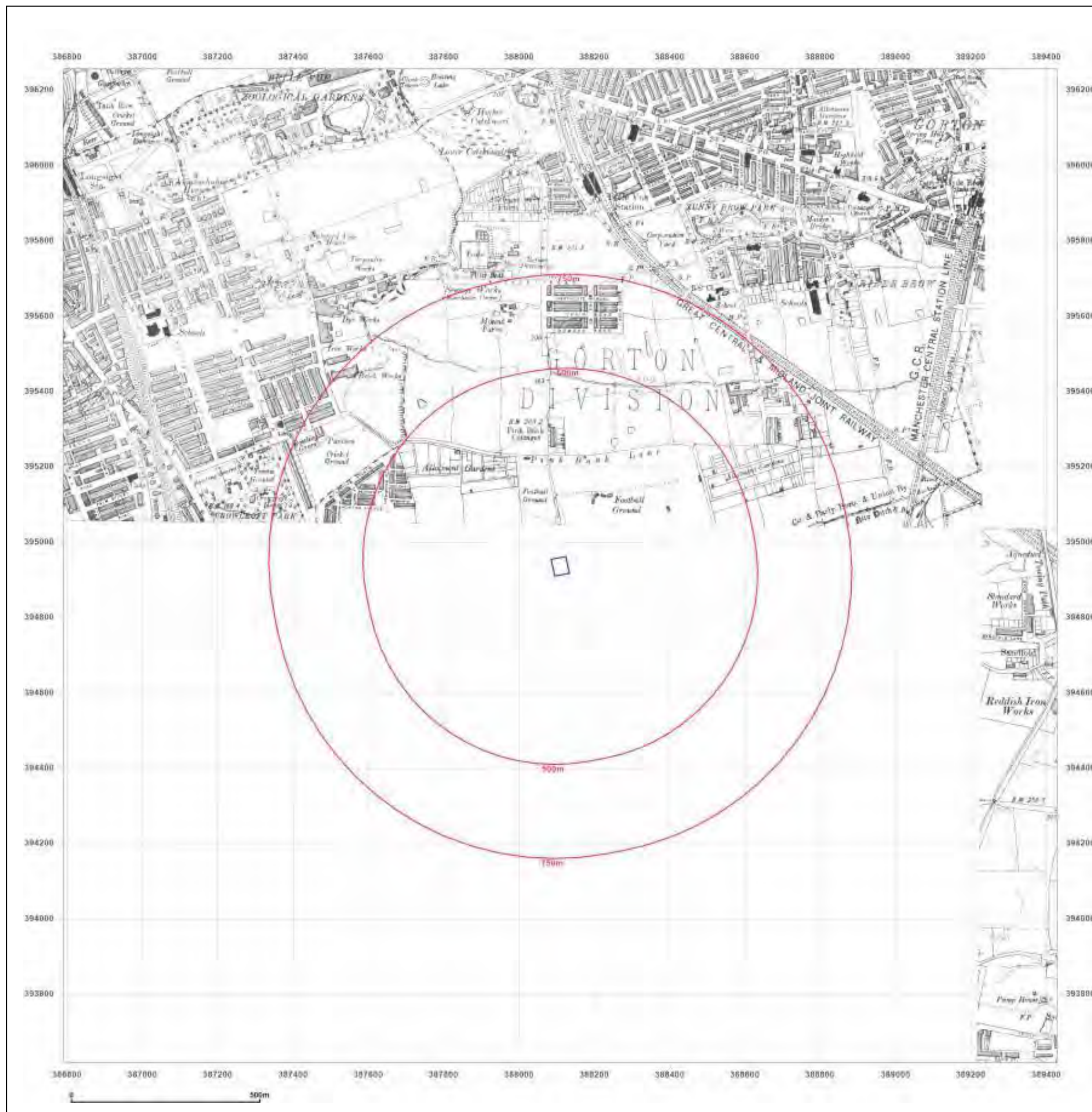


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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

Map date: 1916-1918

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1844
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1844
Revised 1916
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1845
Revised 1917
Edition N/A
Copyright N/A
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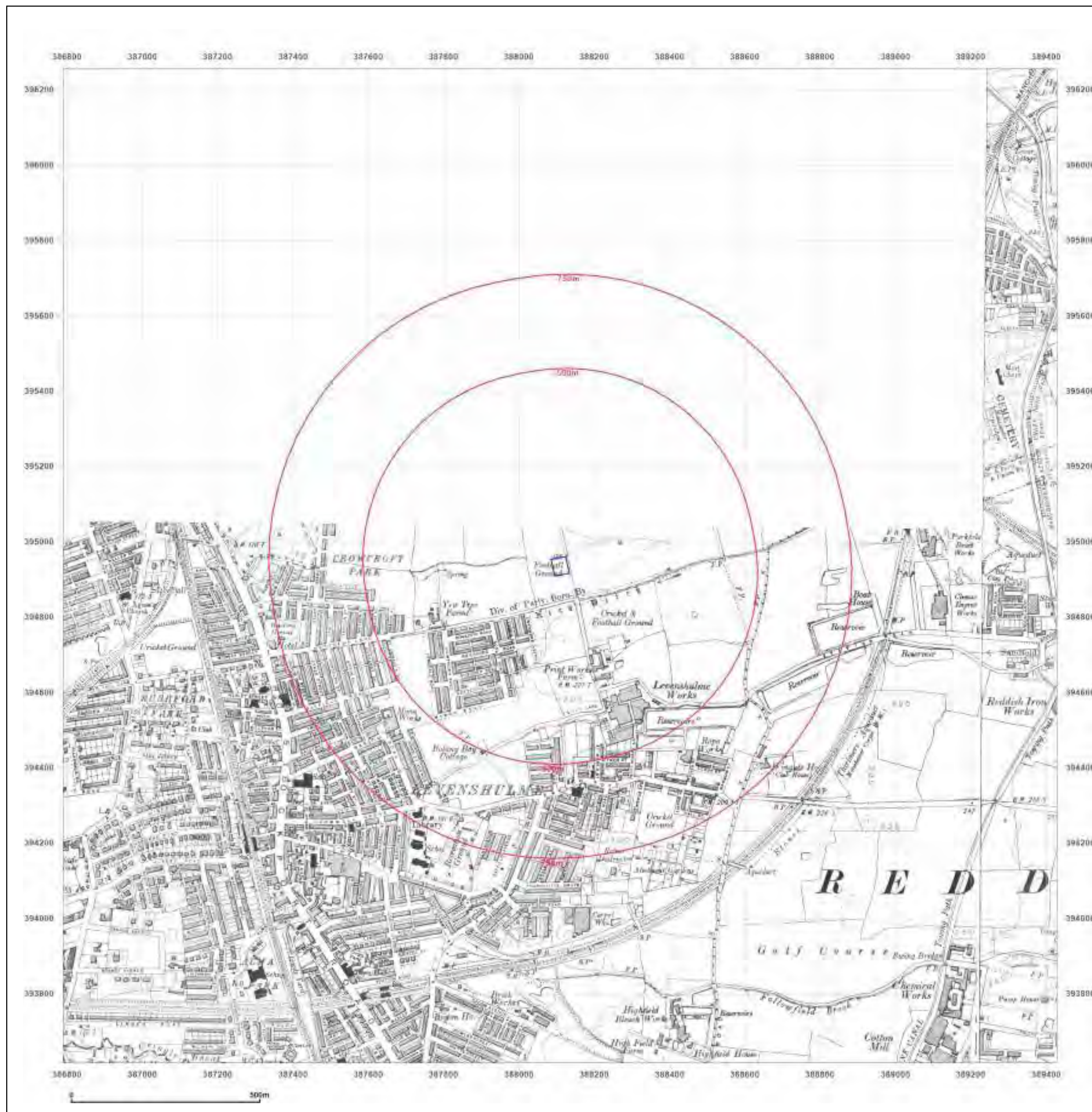


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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

Map date: 1923

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1844
Revised 1923
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1844
Revised 1923
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1844
Revised 1923
Edition N/A
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Surveyed 1844
Revised 1923
Edition N/A
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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

Map date: 1934

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1844
Revised 1934
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1844
Revised 1934
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1845
Revised 1934
Edition N/A
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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

Map date: 1934-1938

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1844
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1844
Revised 1934
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1844
Revised 1934
Edition N/A
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Levelled N/A

Surveyed 1845
Revised 1845
Edition N/A
Copyright 1938
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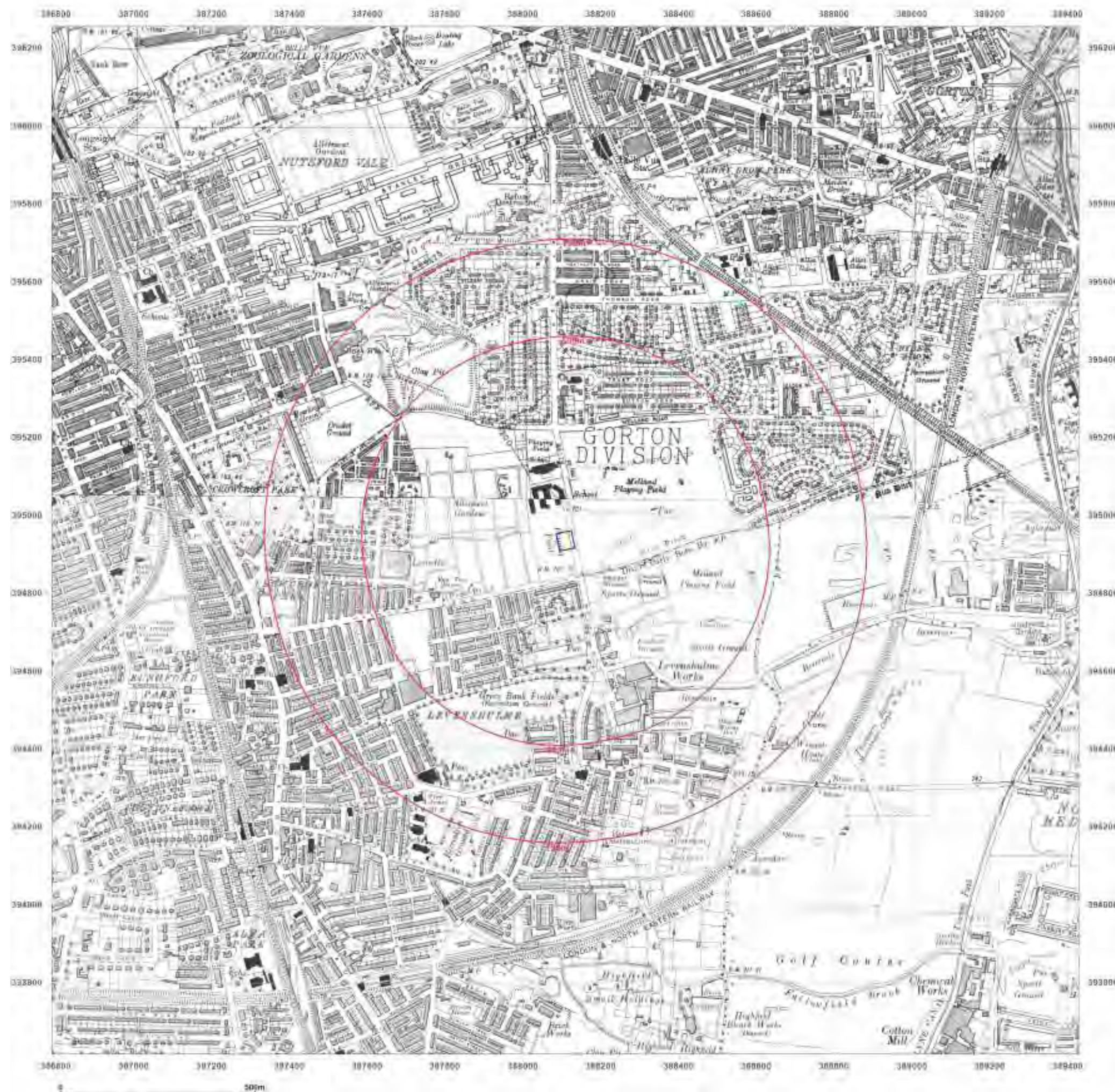


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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

Map date: 1938

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1844
Revised 1938
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Surveyed 1844
Revised 1938
Edition N/A
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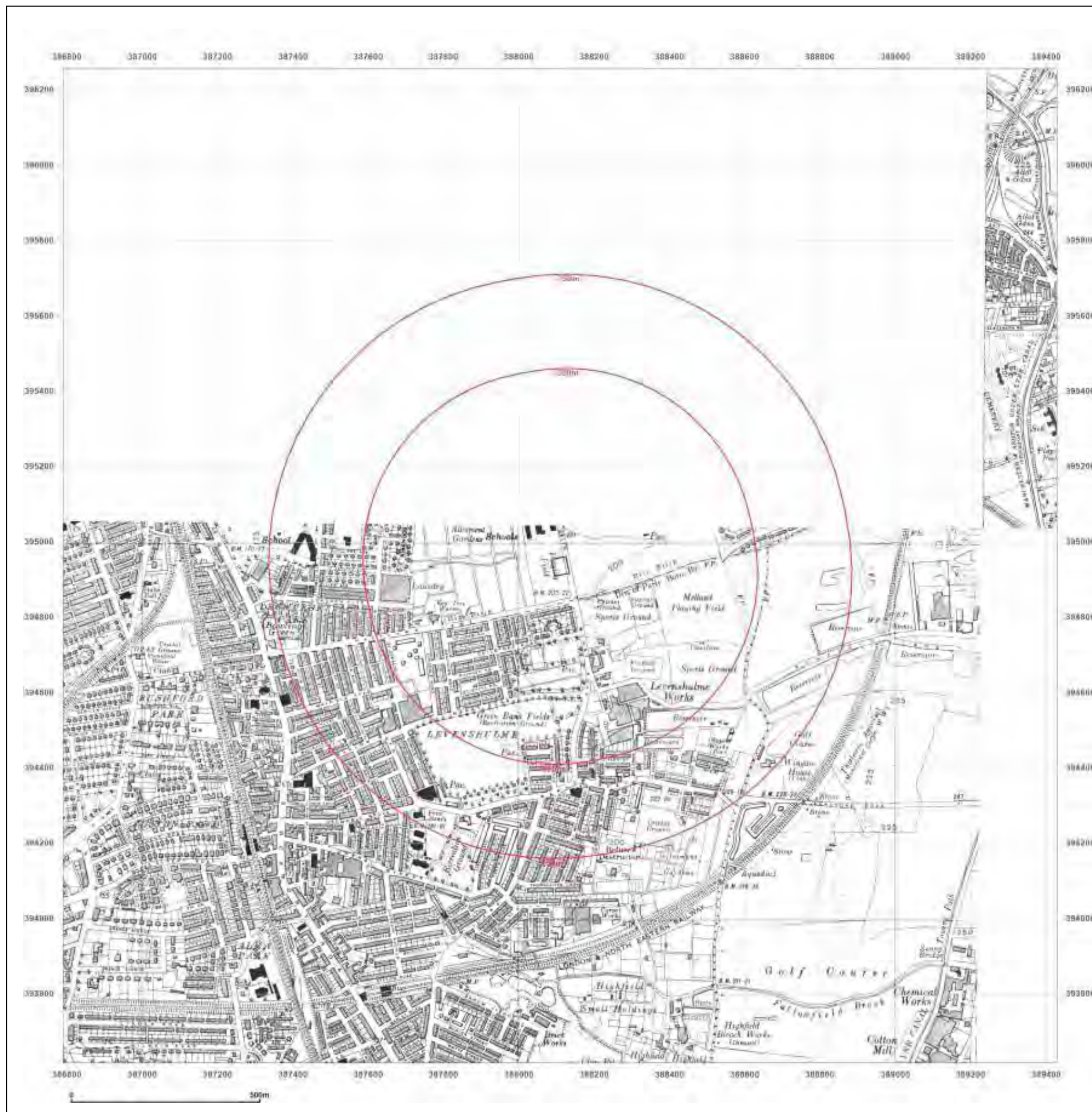


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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: Provisional

Map date: 1955-1956

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1956
Revised 1956
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised 1955
Edition 1955
Copyright N/A
Levelled N/A



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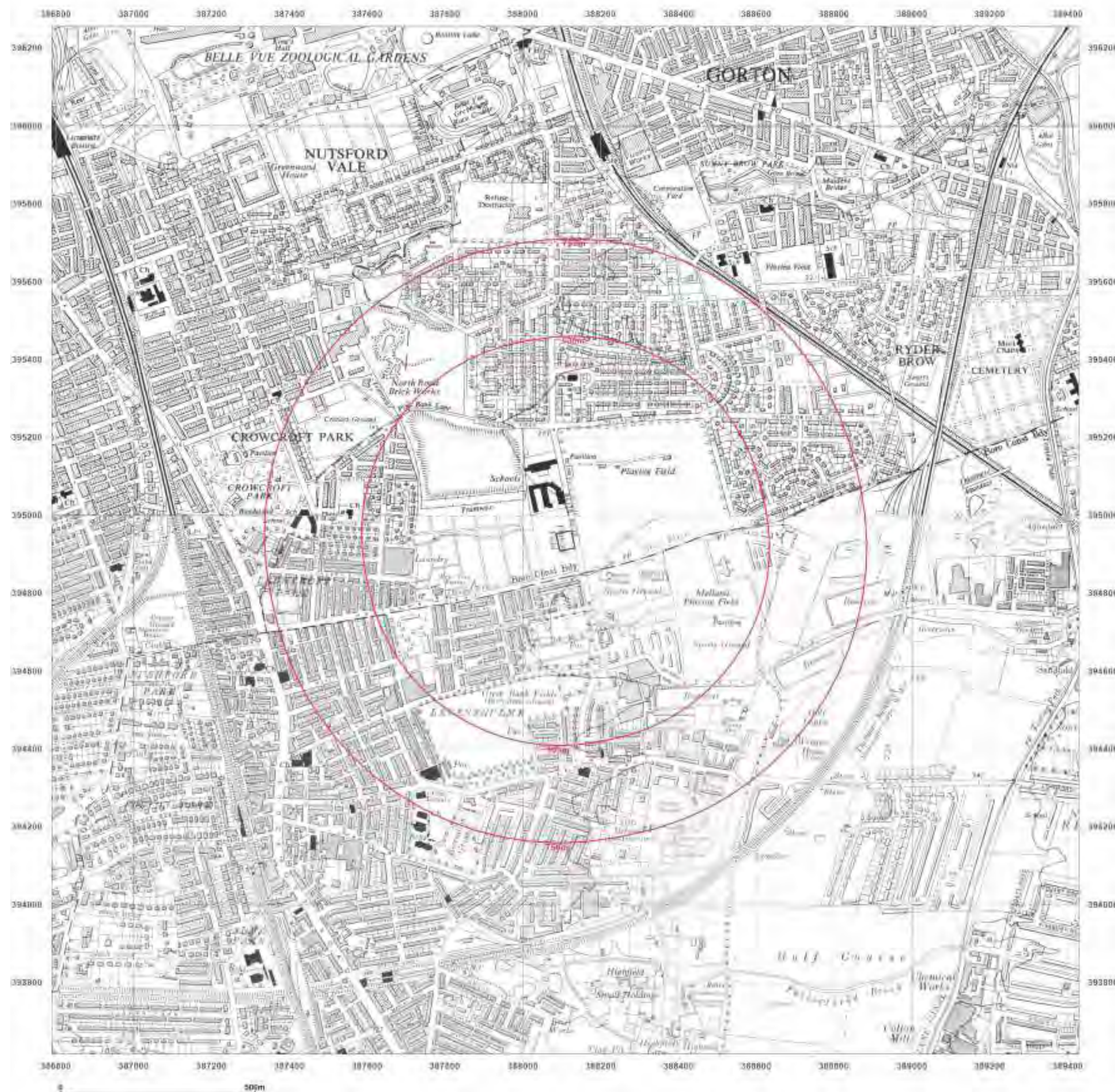


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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: Provisional

Map date: 1965-1968

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1968
Revised 1968
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1965
Revised 1965
Edition N/A
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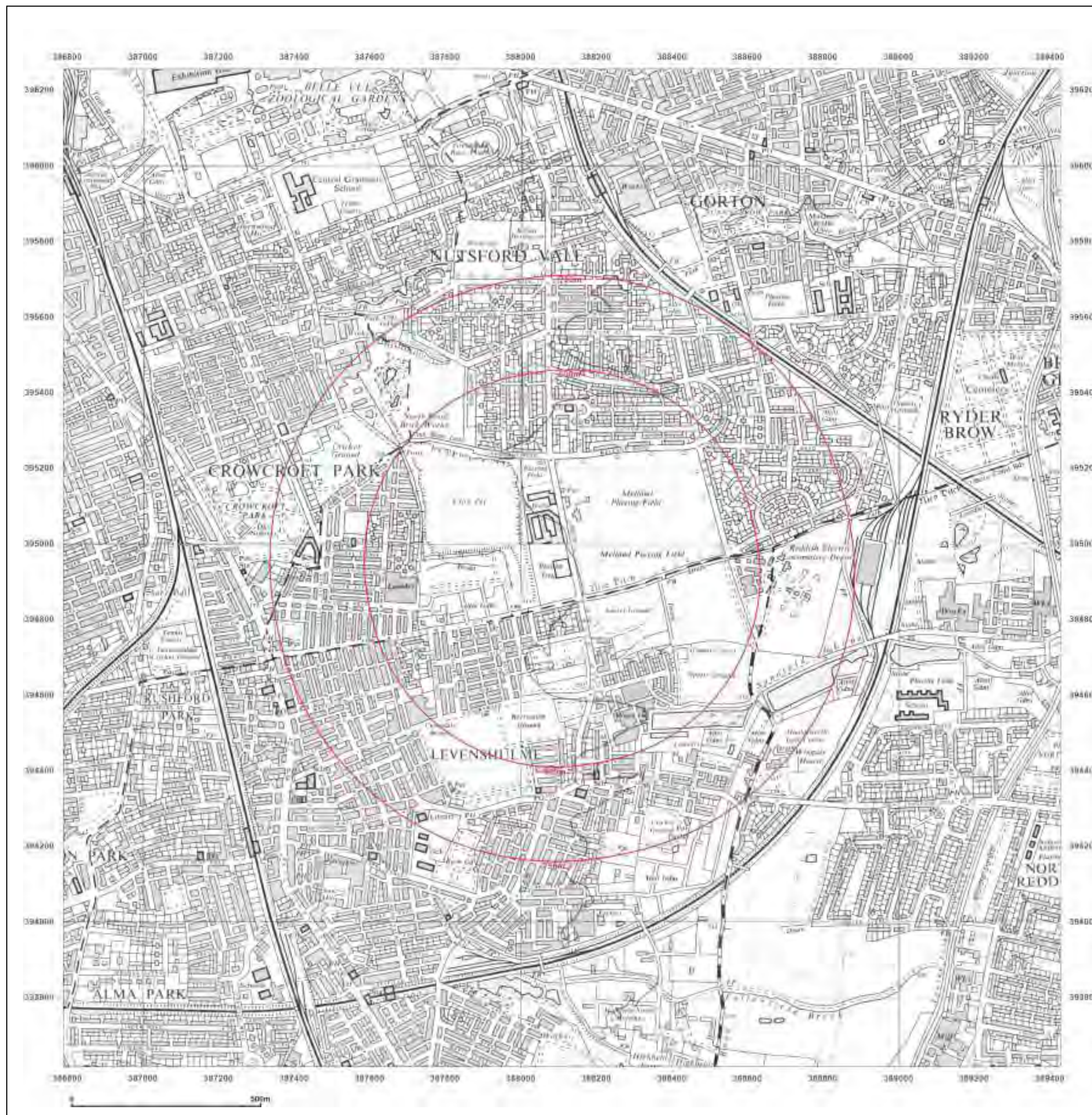


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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

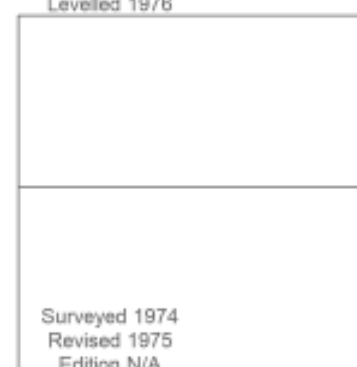
Map date: 1976-1981

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1976
Revised 1980
Edition N/A
Copyright 1981
Levelled 1976



Surveyed 1974
Revised 1975
Edition N/A
Copyright 1976
Levelled 1964



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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

Map date: 1983

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1981
Revised 1983
Edition N/A
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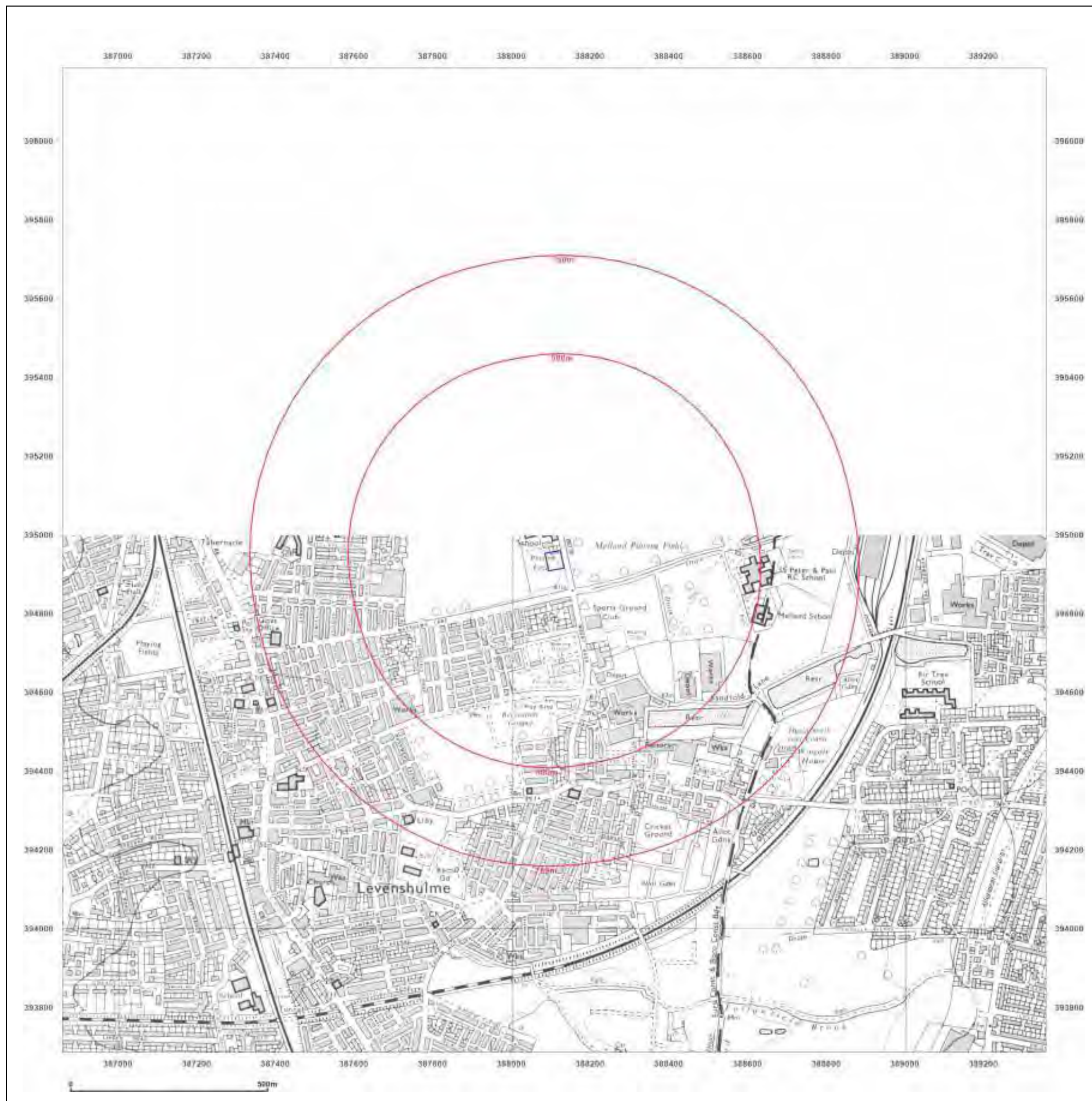


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4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

Map date: 1991

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1985
Revised 1991
Edition N/A
Copyright N/A
Levelled N/A



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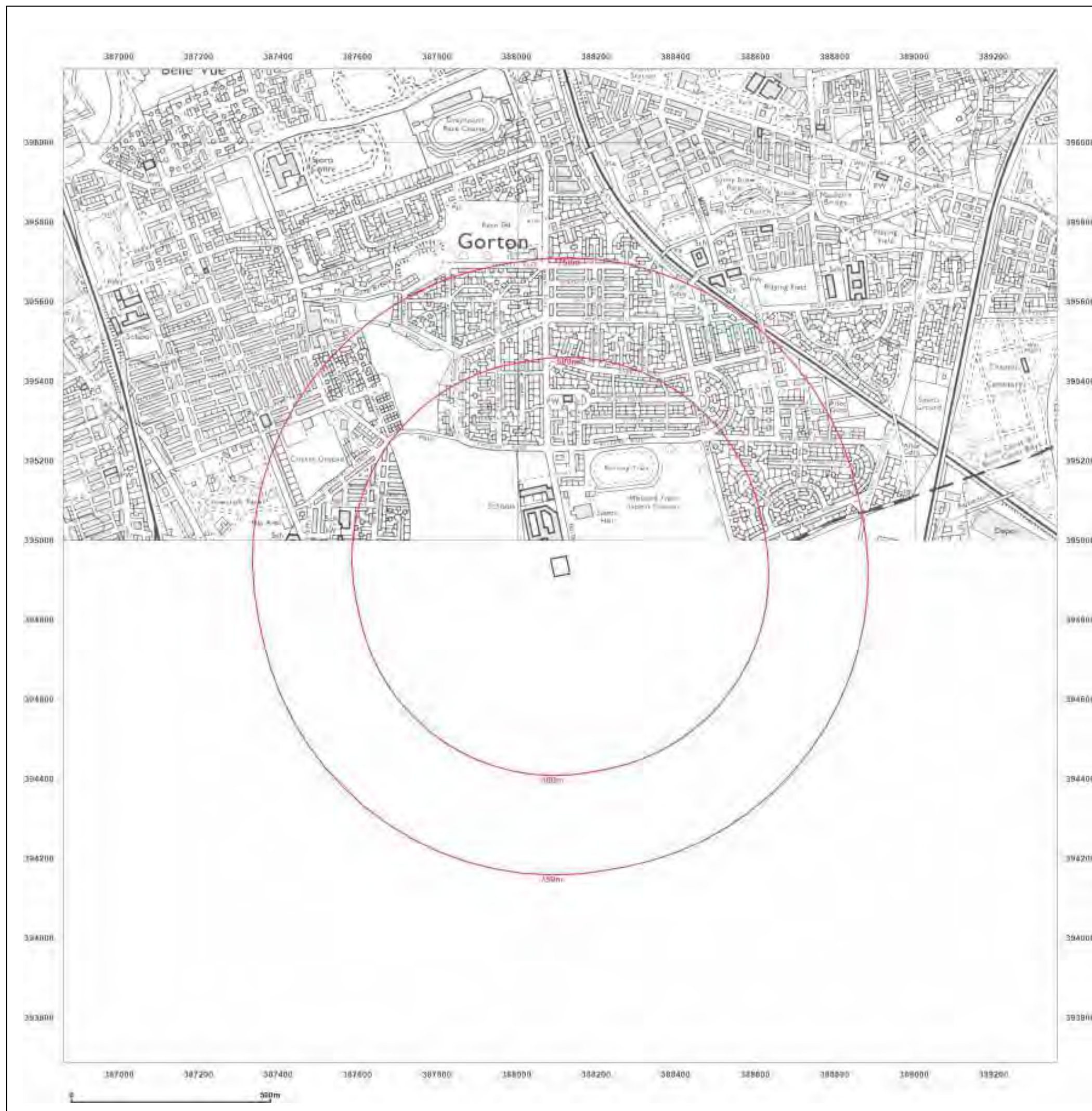


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4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000



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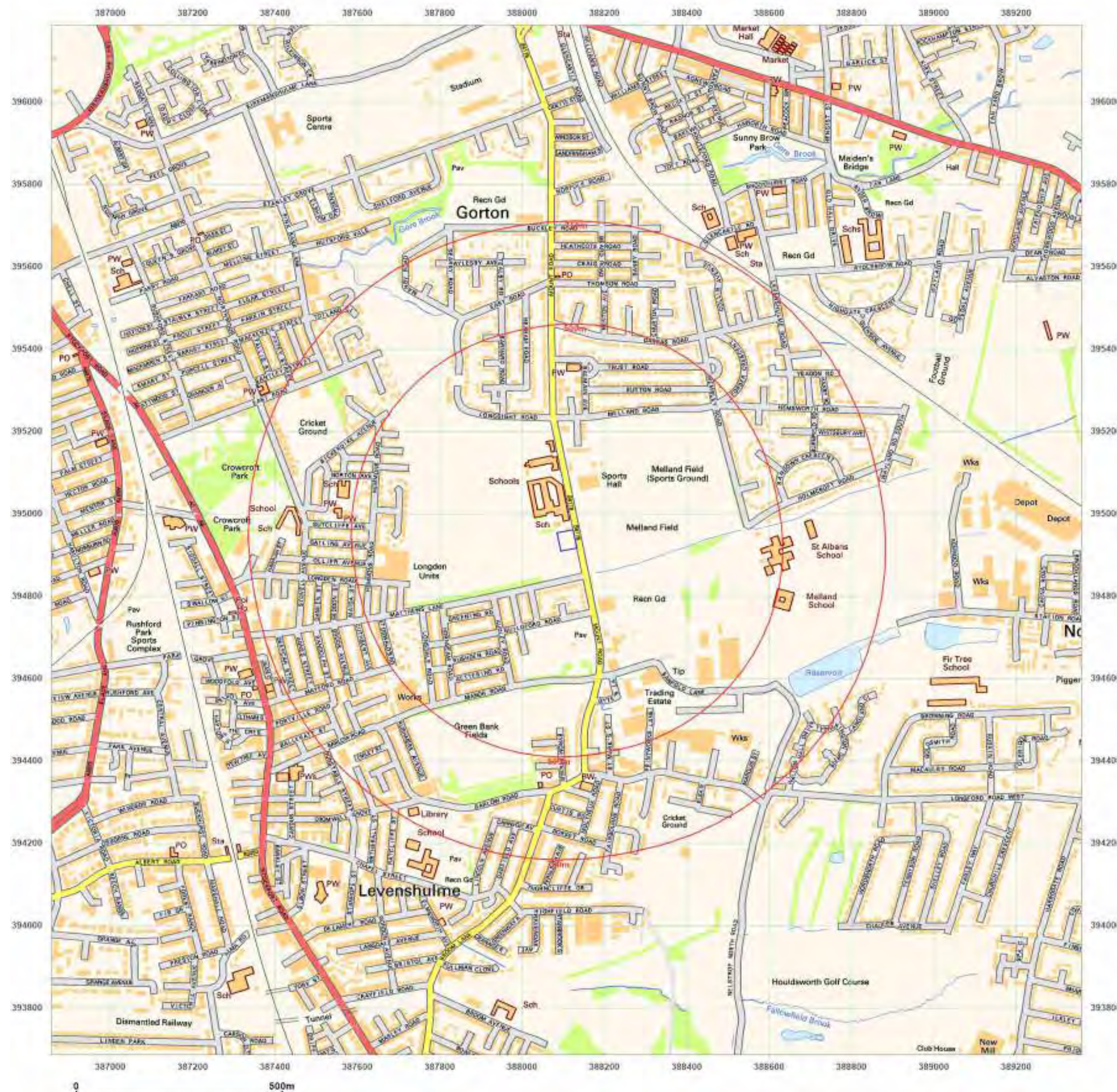


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Site Details:

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4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000



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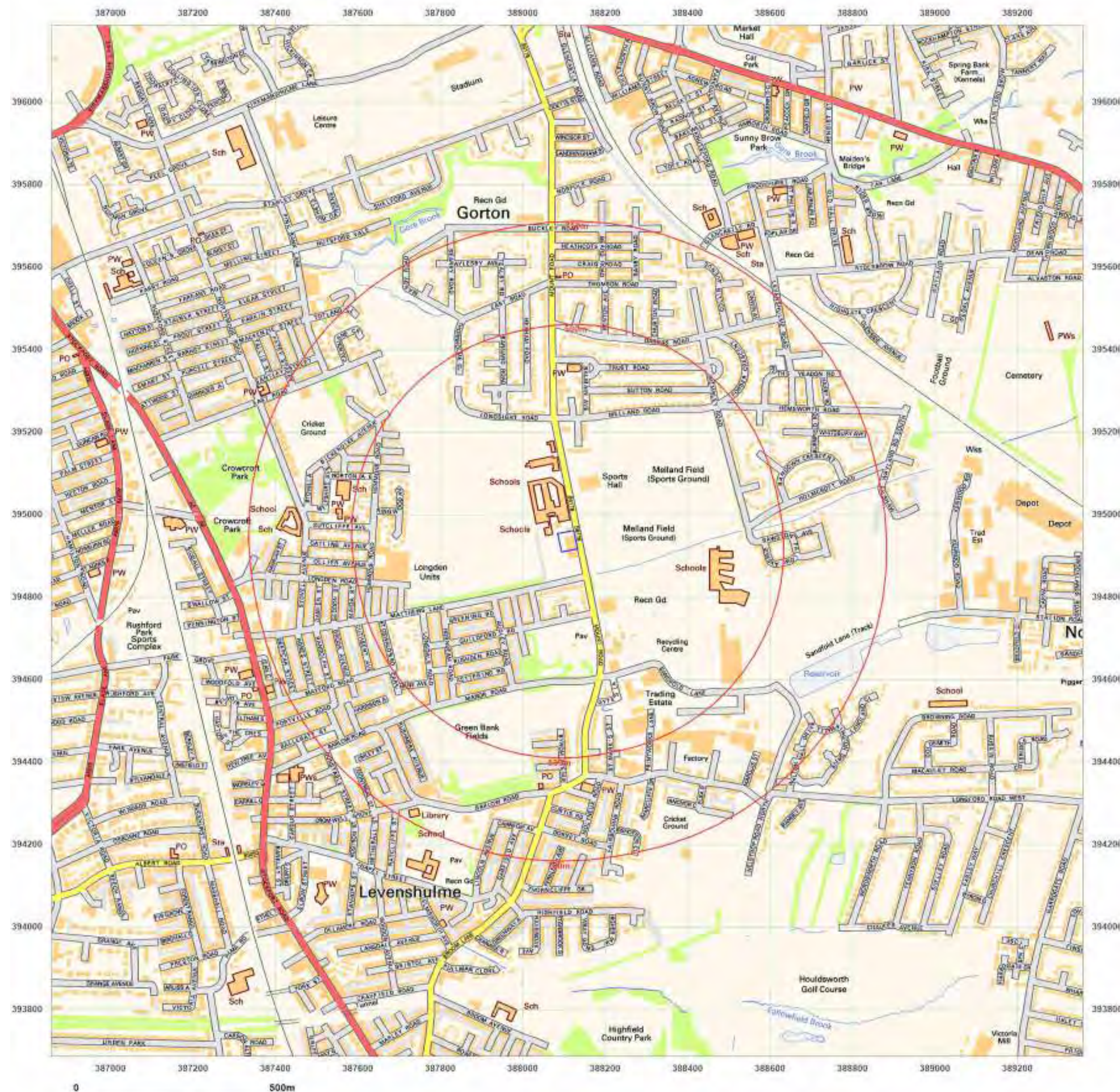


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Site Details:

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4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

Map date: 2024

Scale: 1:10,000

Printed at: 1:10,000



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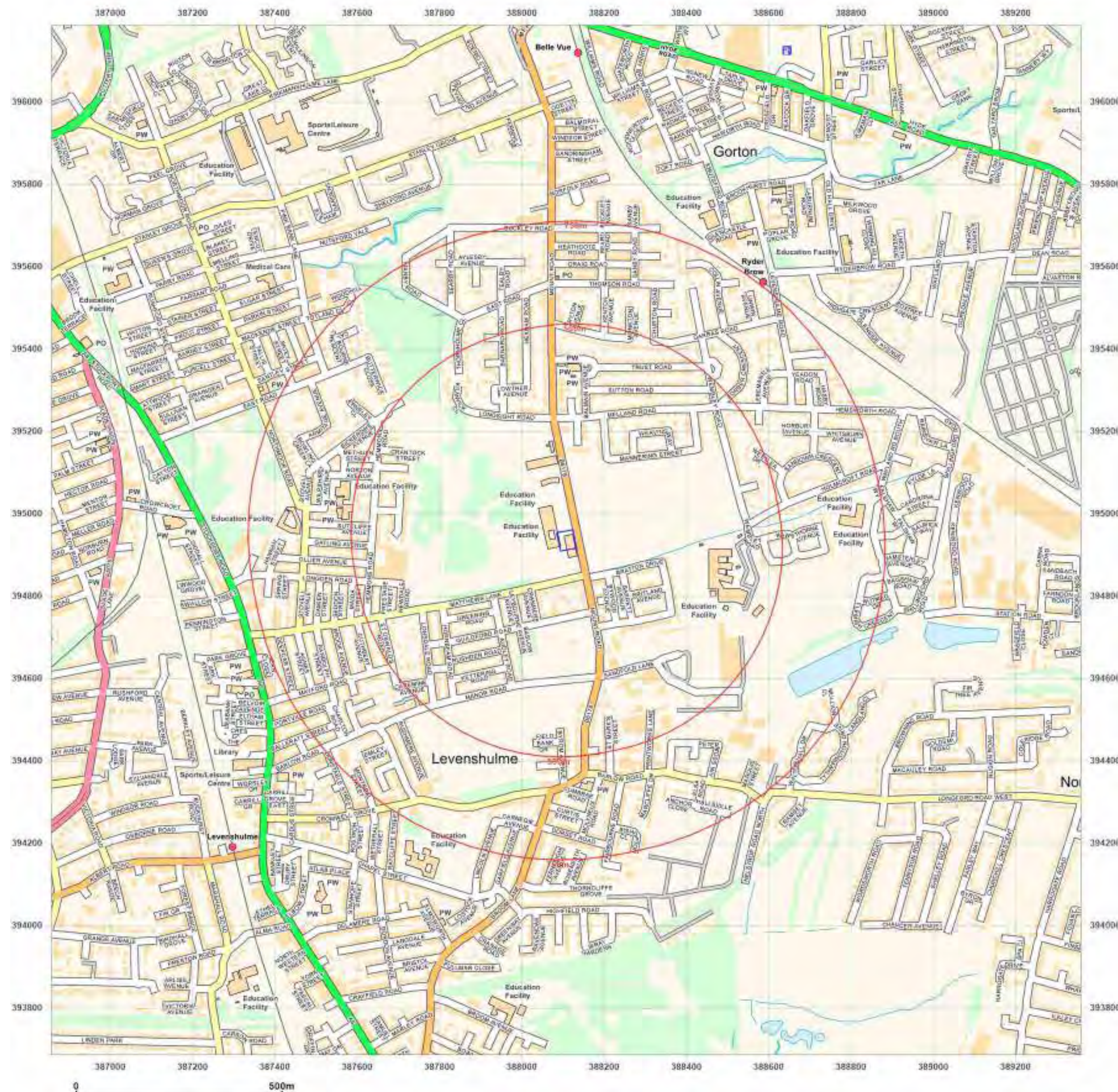


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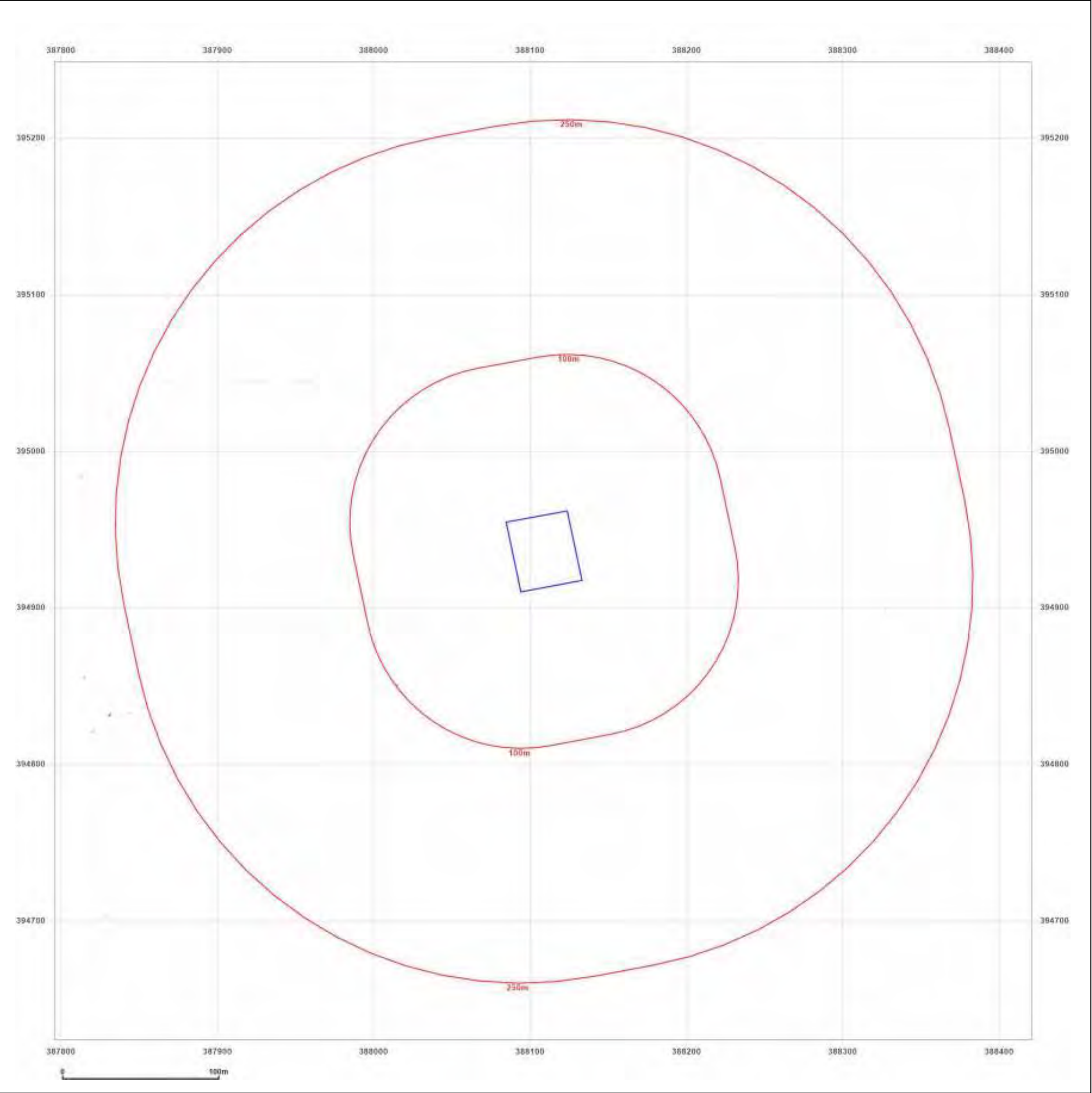
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LARGE SCALE SURVEY PLANS



Site Details:

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Levenshulme, Manchester, M12
4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series
Map date: 1881
Scale: 1:2,500
Printed at: 1:2,500

Surveyed 1881
Revised 1881
Edition N/A
Copyright N/A
Levelled N/A

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4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

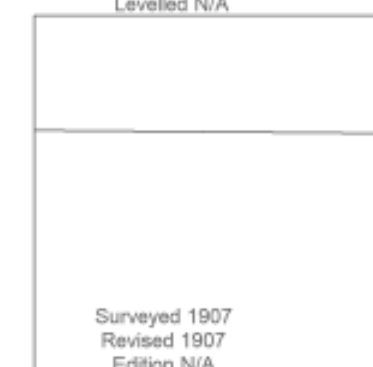
Map date: 1907-1908

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1908
Revised 1908
Edition N/A
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Levelled N/A



Surveyed 1907
Revised 1907
Edition N/A
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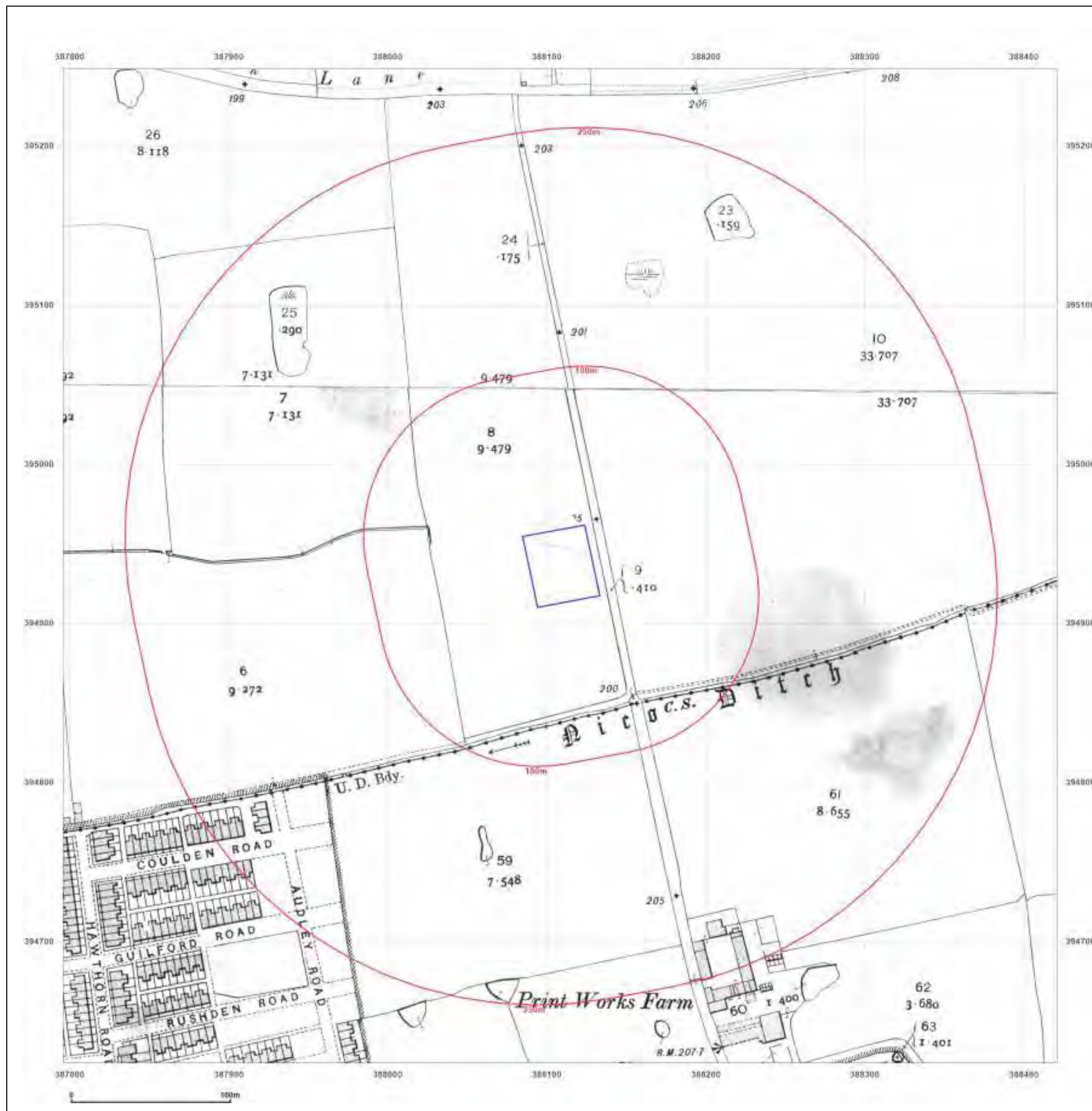


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4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

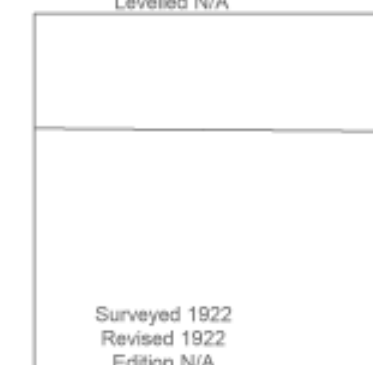
Map date: 1922

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1922
Revised 1922
Edition N/A
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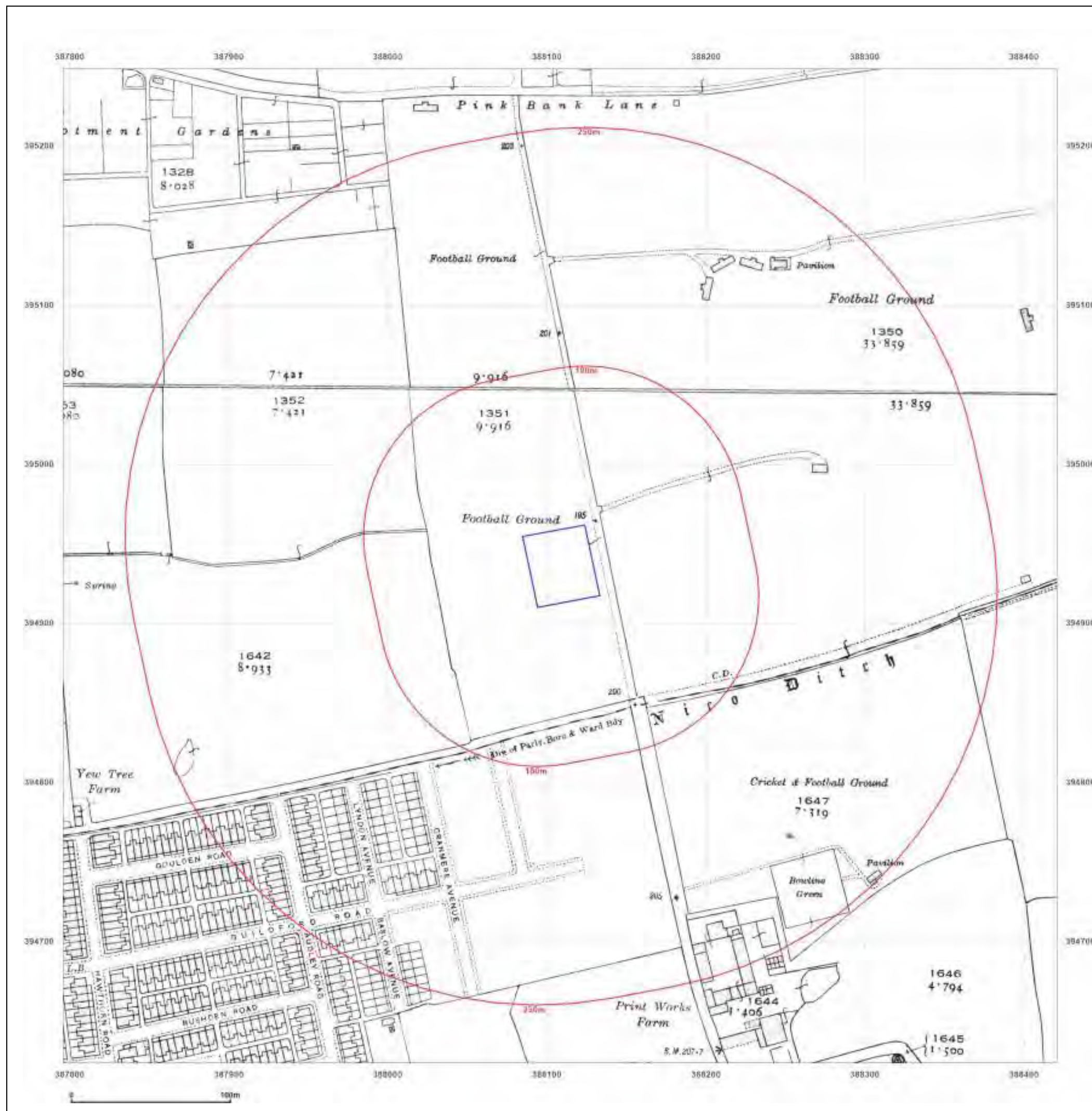


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Site Details:

Grange School, Matthews Lane,
Levenshulme, Manchester, M12
4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: County Series

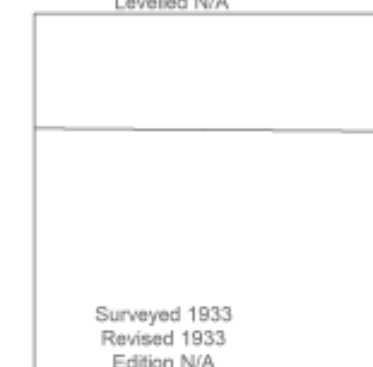
Map date: 1933

Scale: 1:2,500

Printed at: 1:2,500



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Edition N/A
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Surveyed 1933
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Edition N/A
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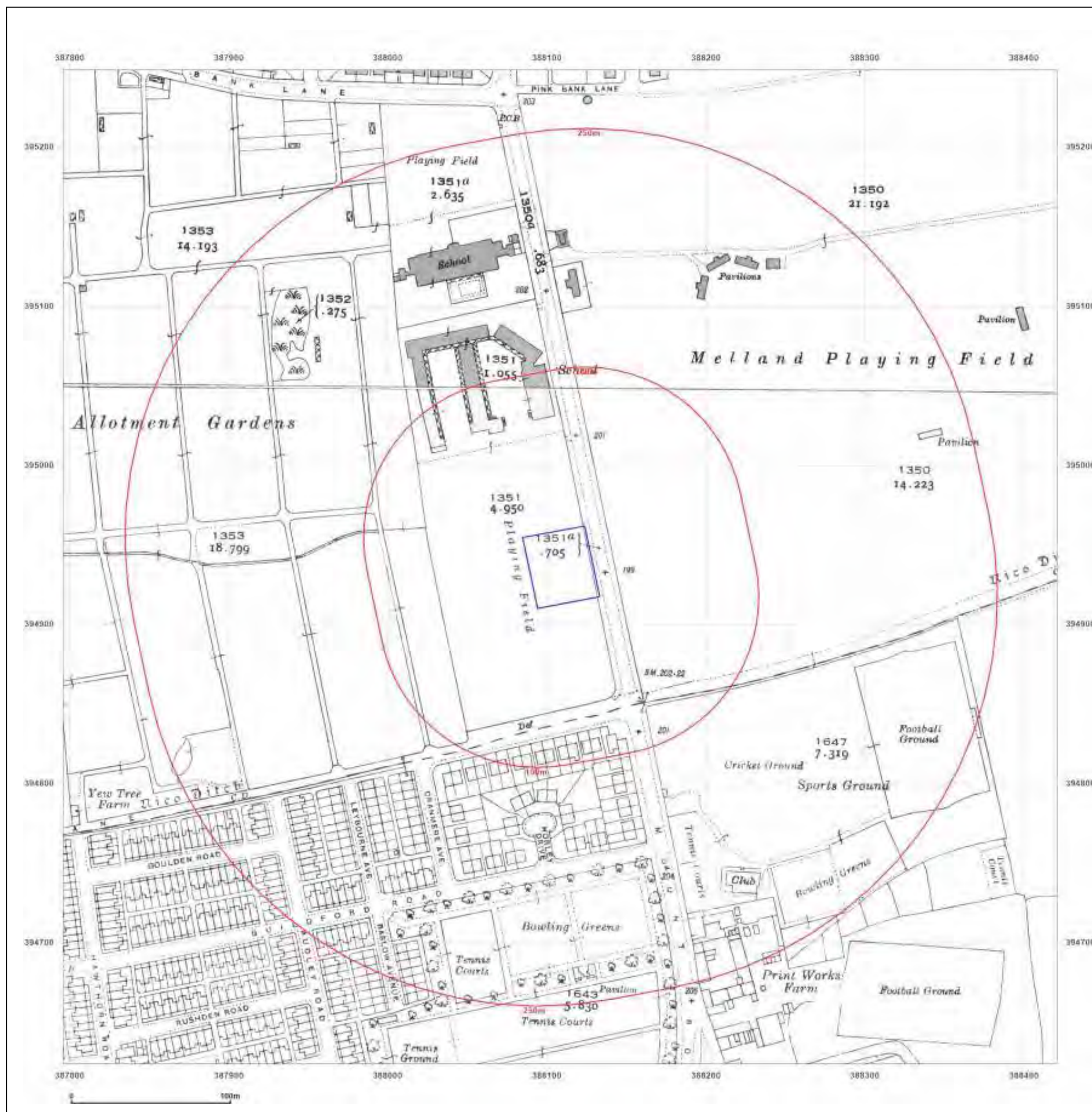


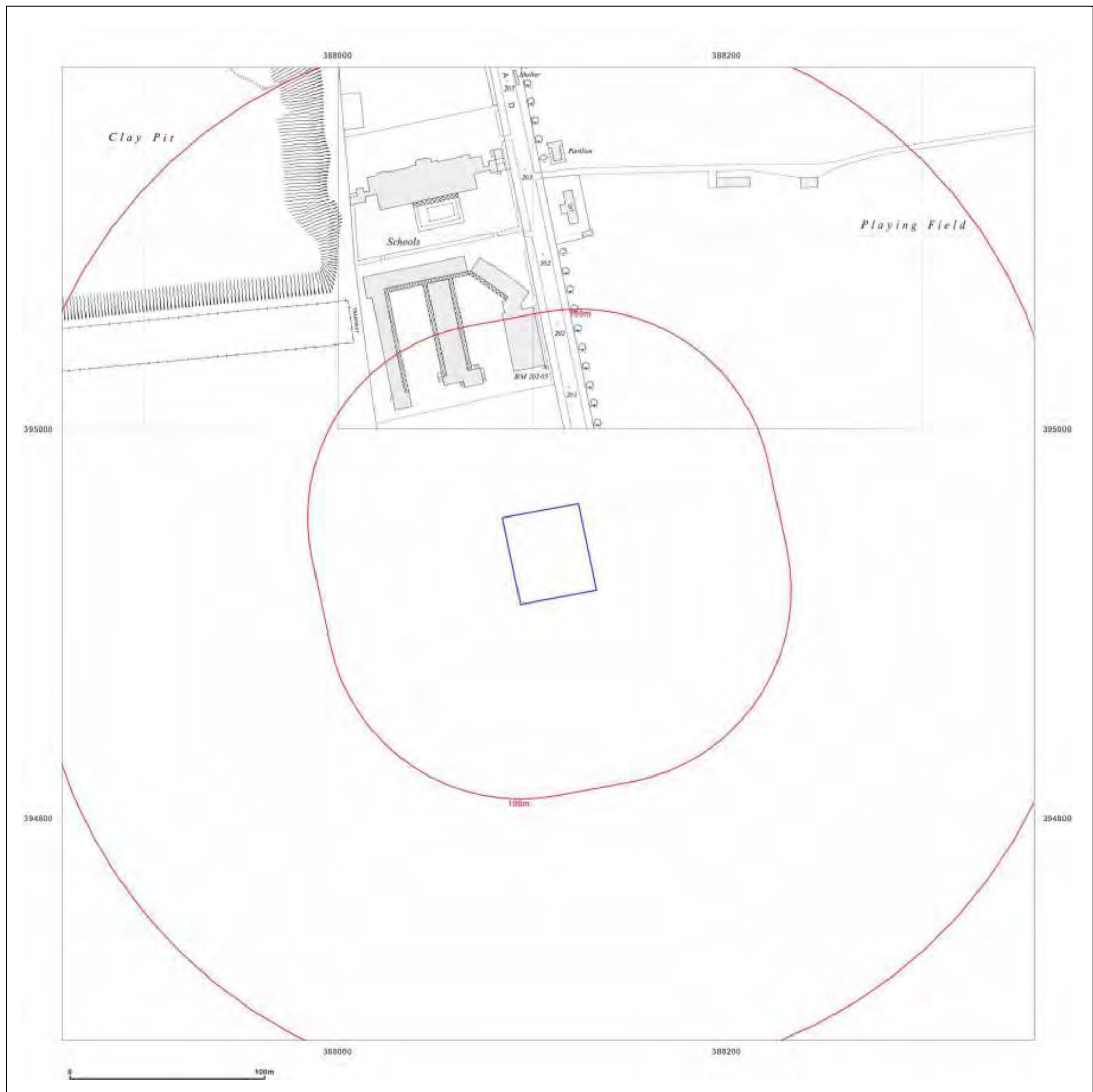
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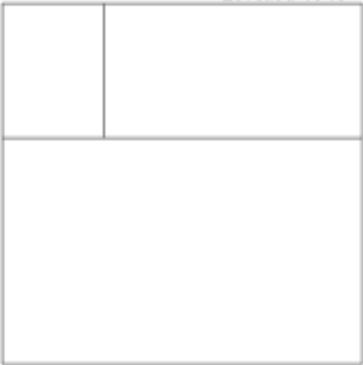
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Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid
Map date: 1950
Scale: 1:1,250
Printed at: 1:2,000



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Surveyed 1950
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Edition N/A
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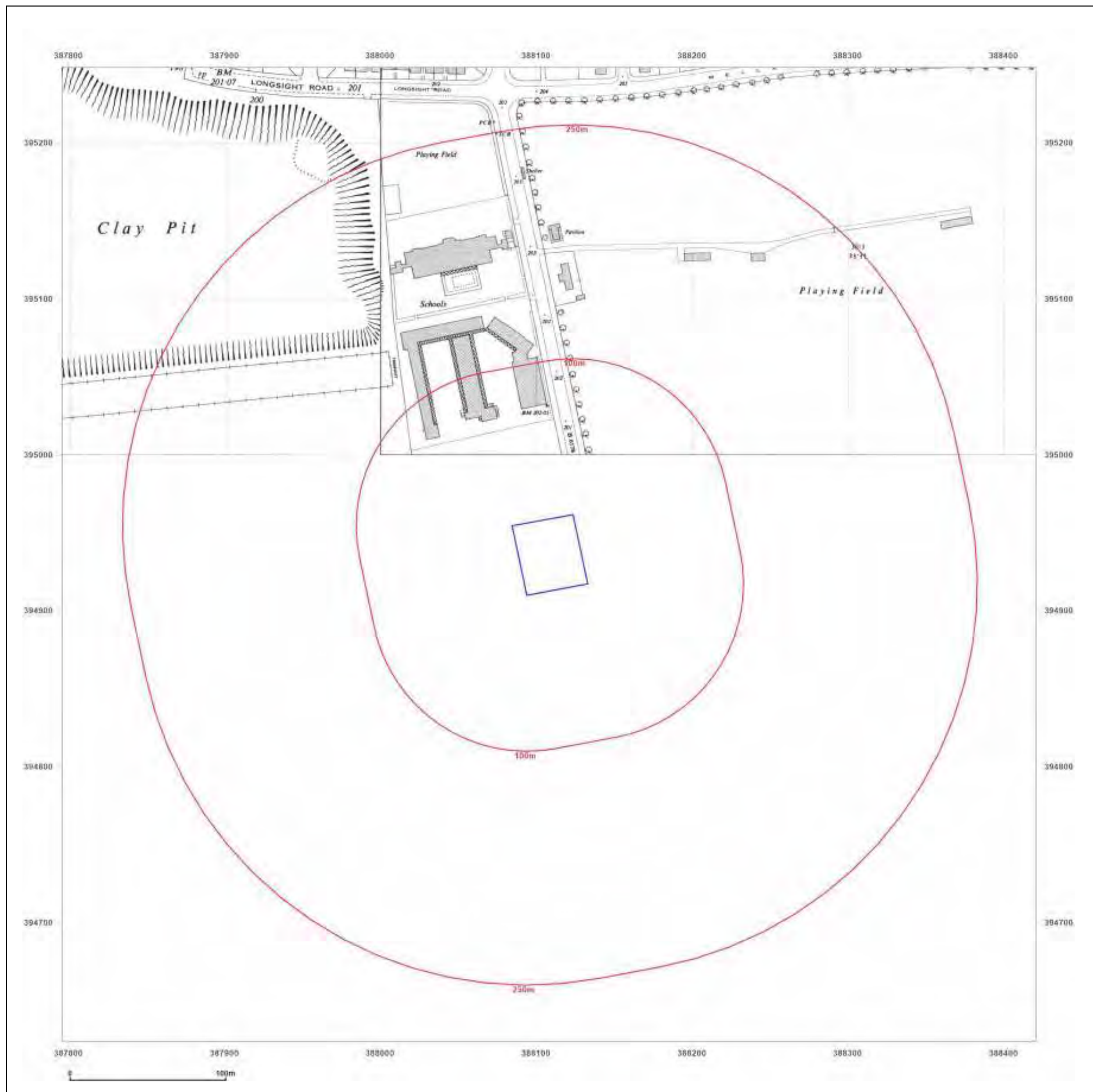


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Site Details:

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4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

Map date: 1950

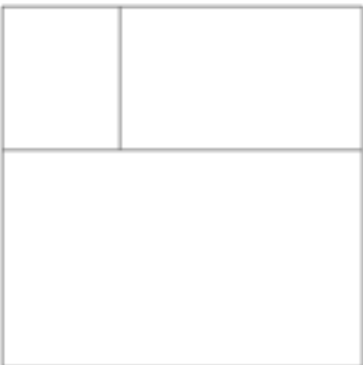
Scale: 1:2,500

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Surveyed 1950
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Edition N/A
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Surveyed 1950
Revised 1950
Edition N/A
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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

Map date: 1951-1956

Scale: 1:1,250

Printed at: 1:2,000



Surveyed N/A
Revised N/A
Edition N/A
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Surveyed 1956
Revised 1956
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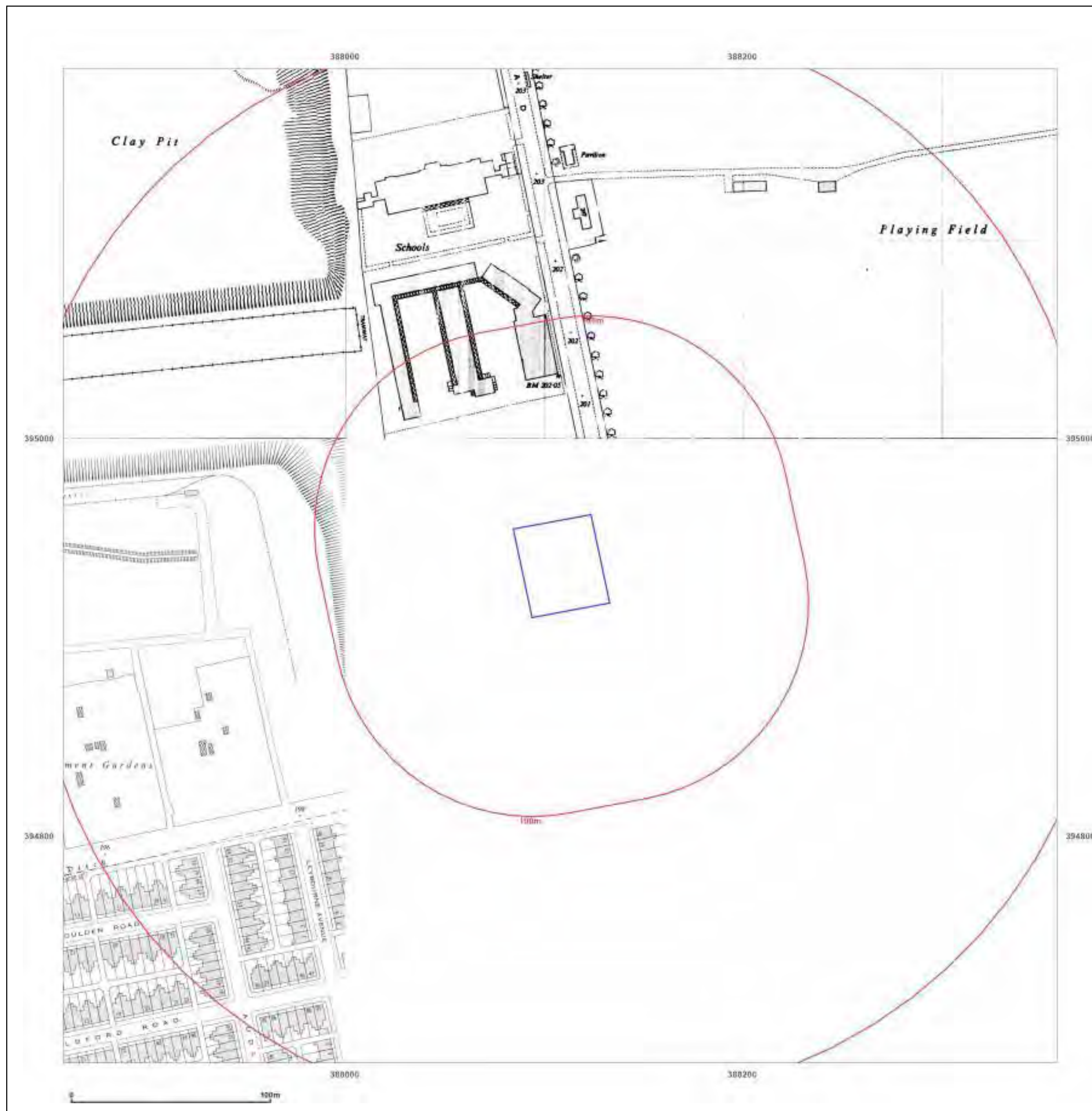


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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

Map date: 1957

Scale: 1:1,250

Printed at: 1:2,000



Surveyed N/A
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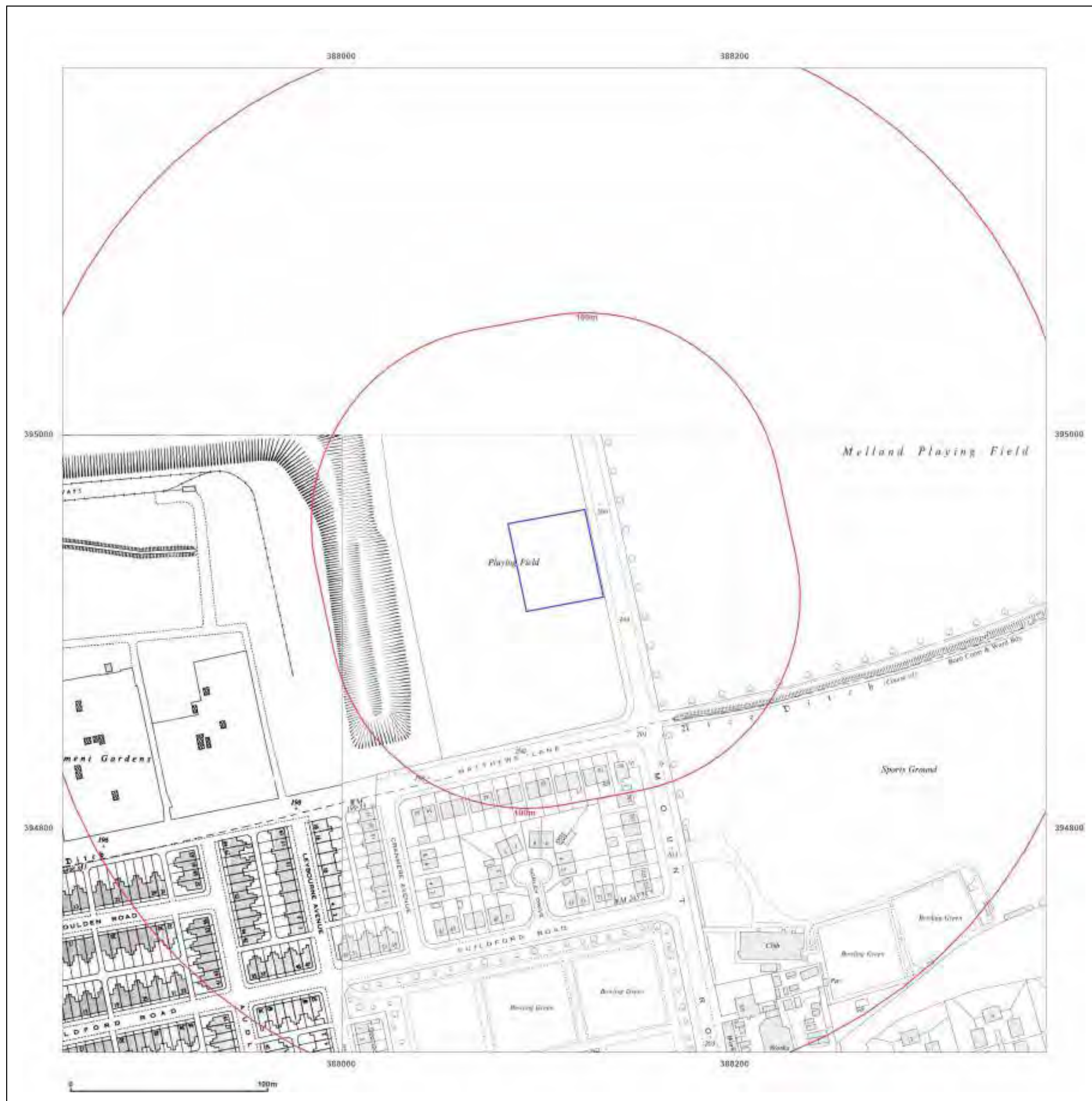


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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

Map date: 1957

Scale: 1:2,500

Printed at: 1:2,500



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Surveyed 1957
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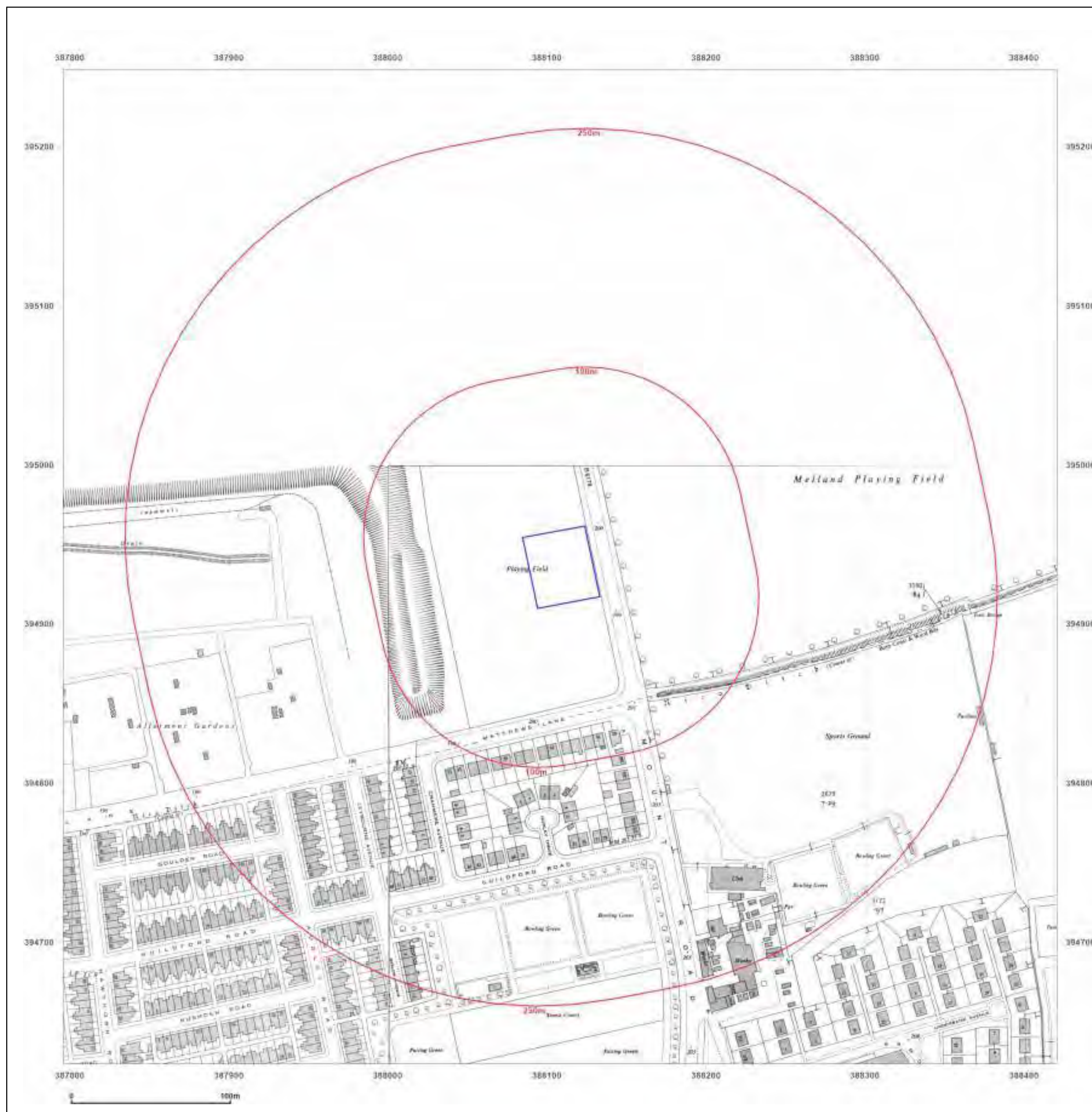


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4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

Map date: 1958

Scale: 1:1,250

Printed at: 1:2,000



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Revised N/A
Edition N/A
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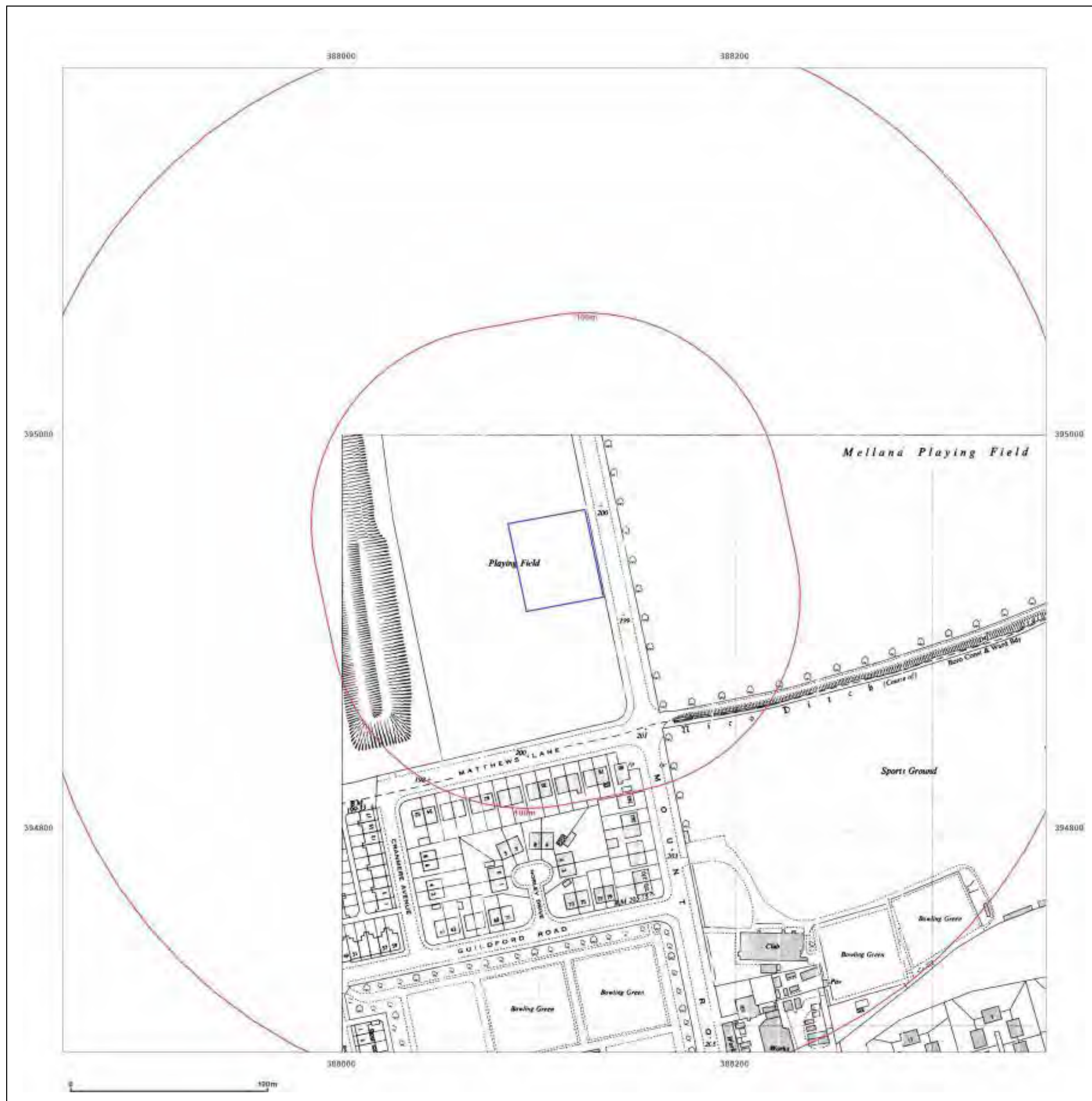


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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

Map date: 1968-1972

Scale: 1:1,250

Printed at: 1:2,000



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Surveyed 1950
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Edition N/A
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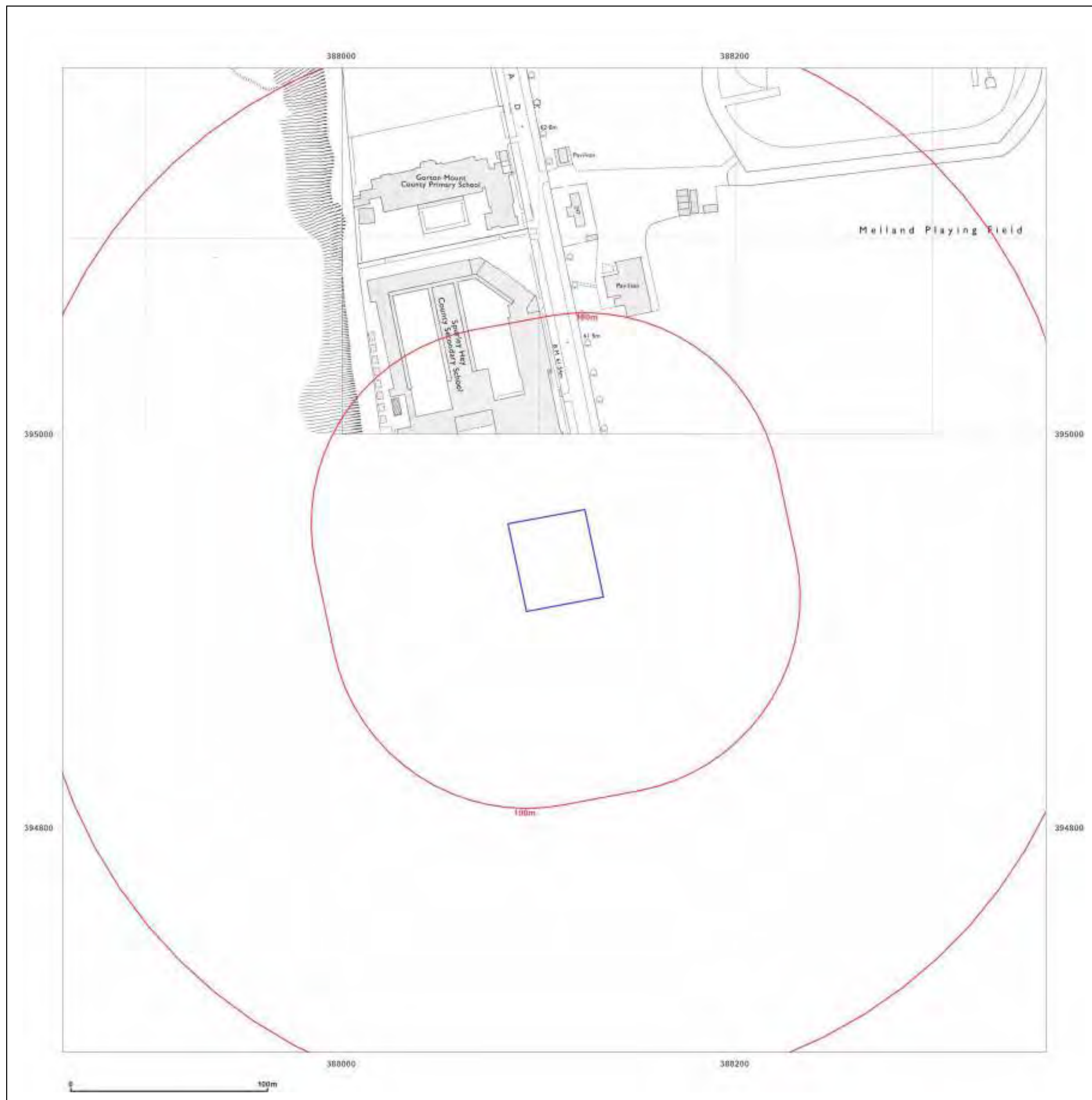


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4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

Map date: 1974-1978

Scale: 1:1,250

Printed at: 1:2,000



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	Surveyed 1957 Revised 1974 Edition N/A Copyright 1974 Levelled 1963



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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
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Map Name: National Grid

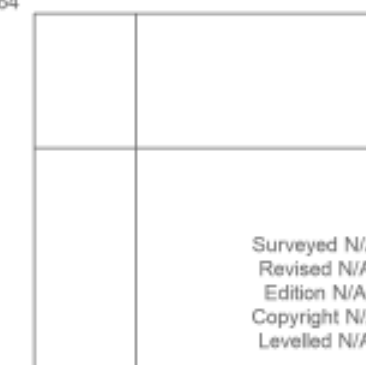
Map date: 1974-1979

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1979
Revised 1979
Edition N/A
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Levelled 1964



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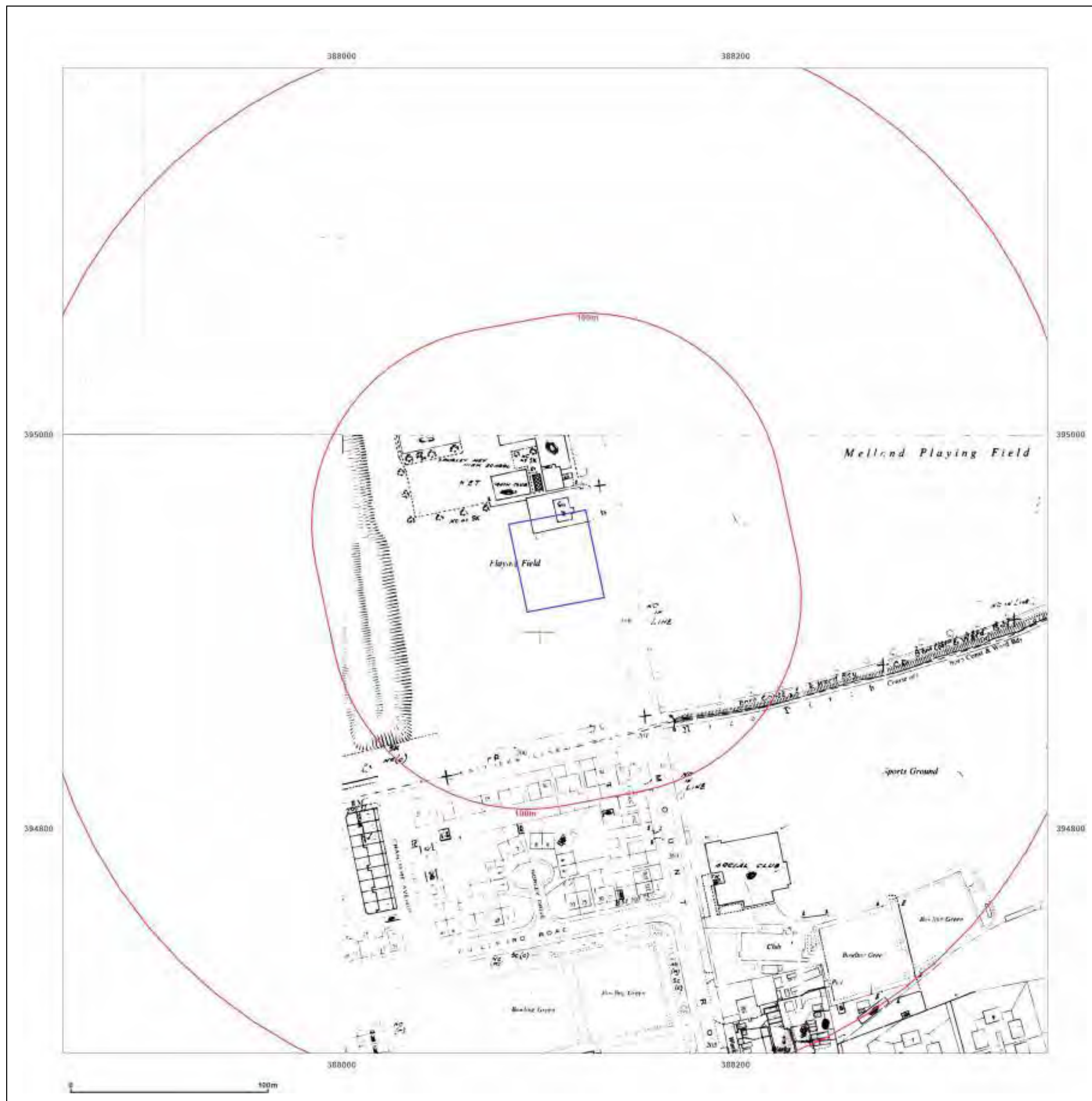


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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

Map date: 1980-1985

Scale: 1:1,250

Printed at: 1:2,000



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Edition N/A
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Revised 1985
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Revised N/A
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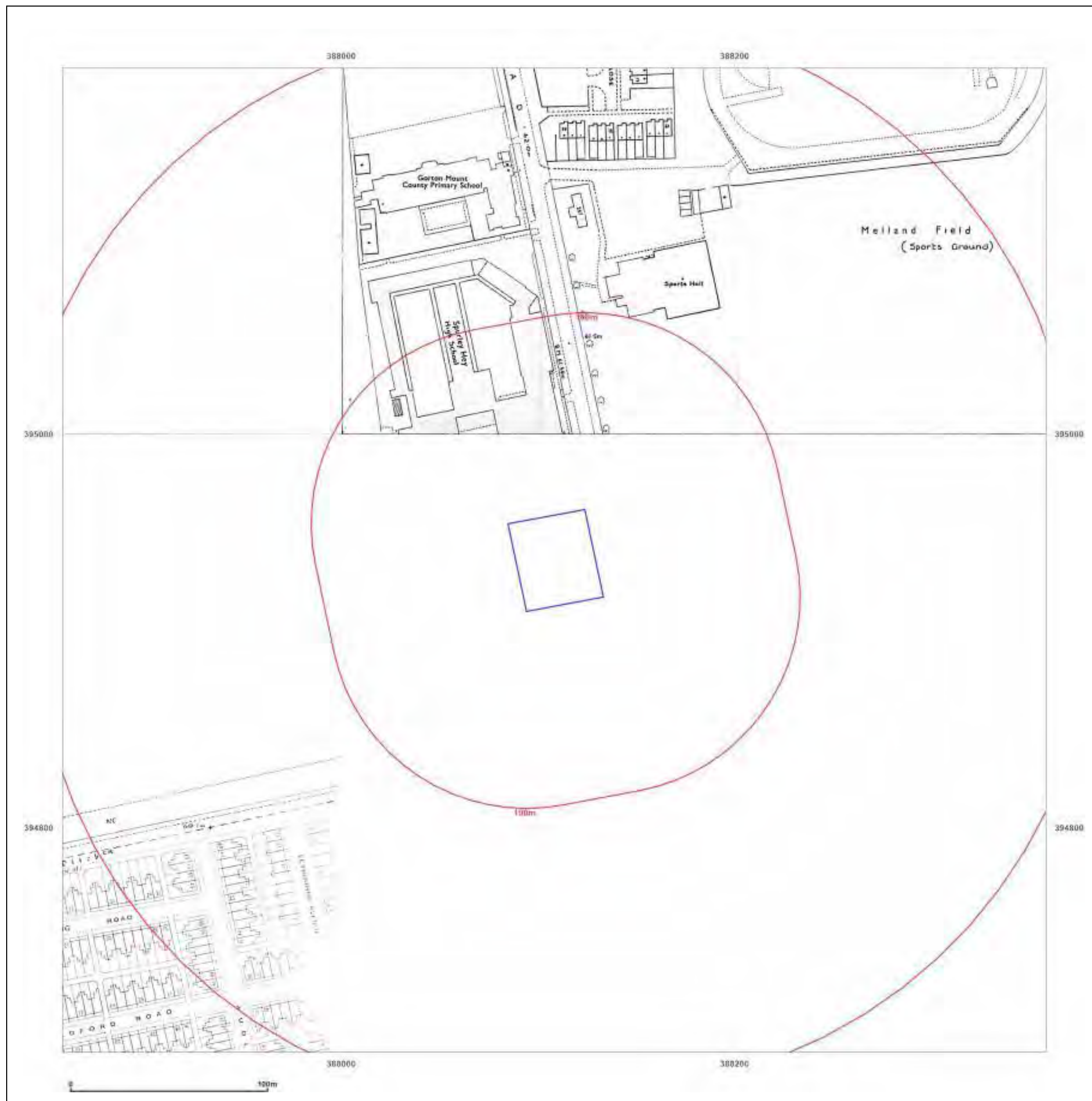


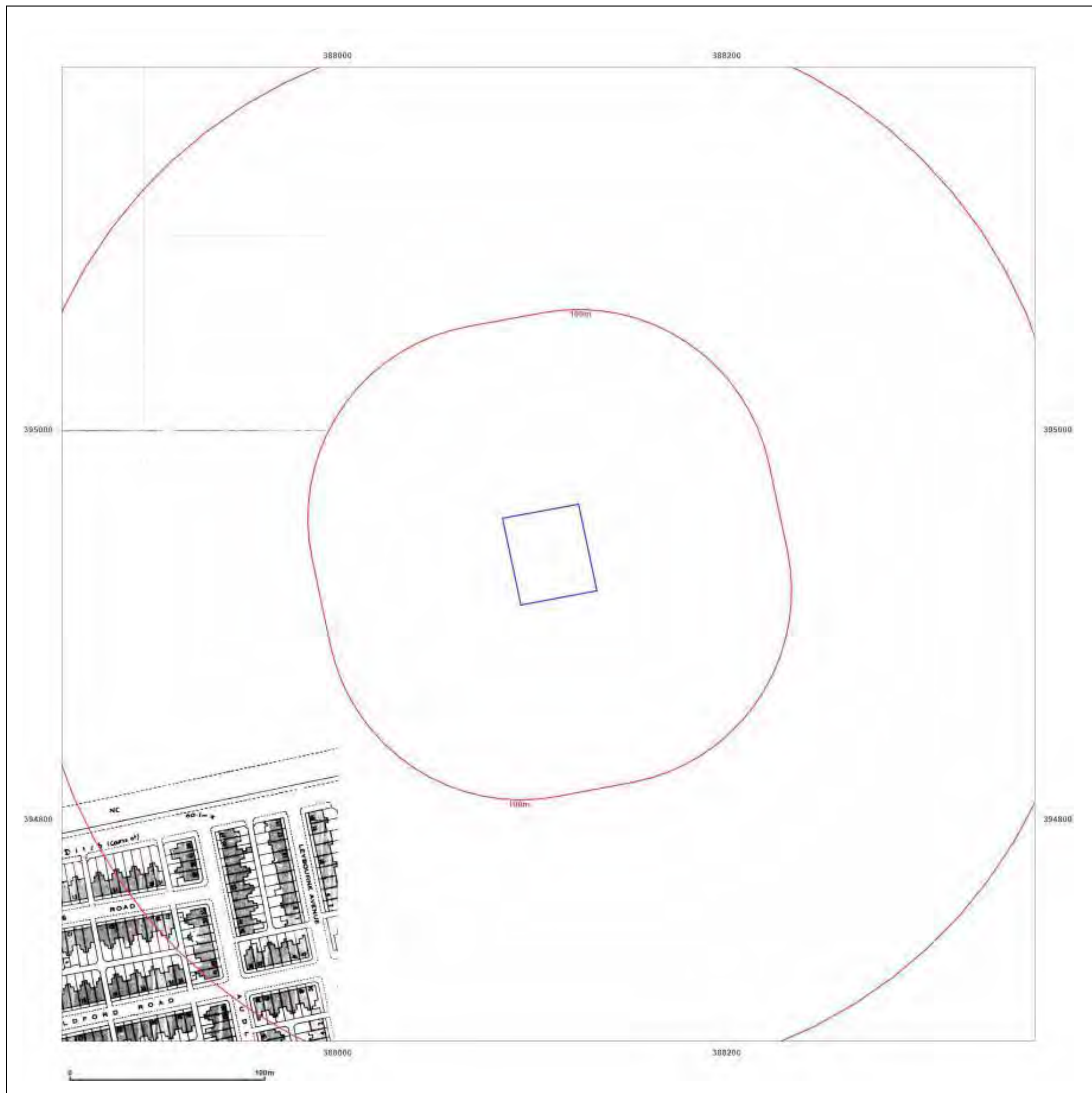
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Site Details:

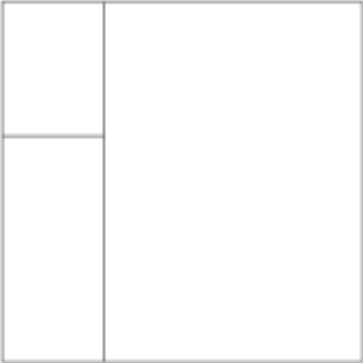
Grange School, Matthews Lane,
Levenshulme, Manchester, M12
4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid
Map date: 1984-1988
Scale: 1:1,250
Printed at: 1:2,000

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Revised 1984
Edition N/A
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Revised N/A
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4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

Map date: 1991-1992

Scale: 1:1,250

Printed at: 1:2,000



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Edition N/A
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Surveyed 1964
Revised 1991
Edition N/A
Copyright 1991
Levelled 1964

Surveyed N/A
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Edition N/A
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Surveyed 1992
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Edition N/A
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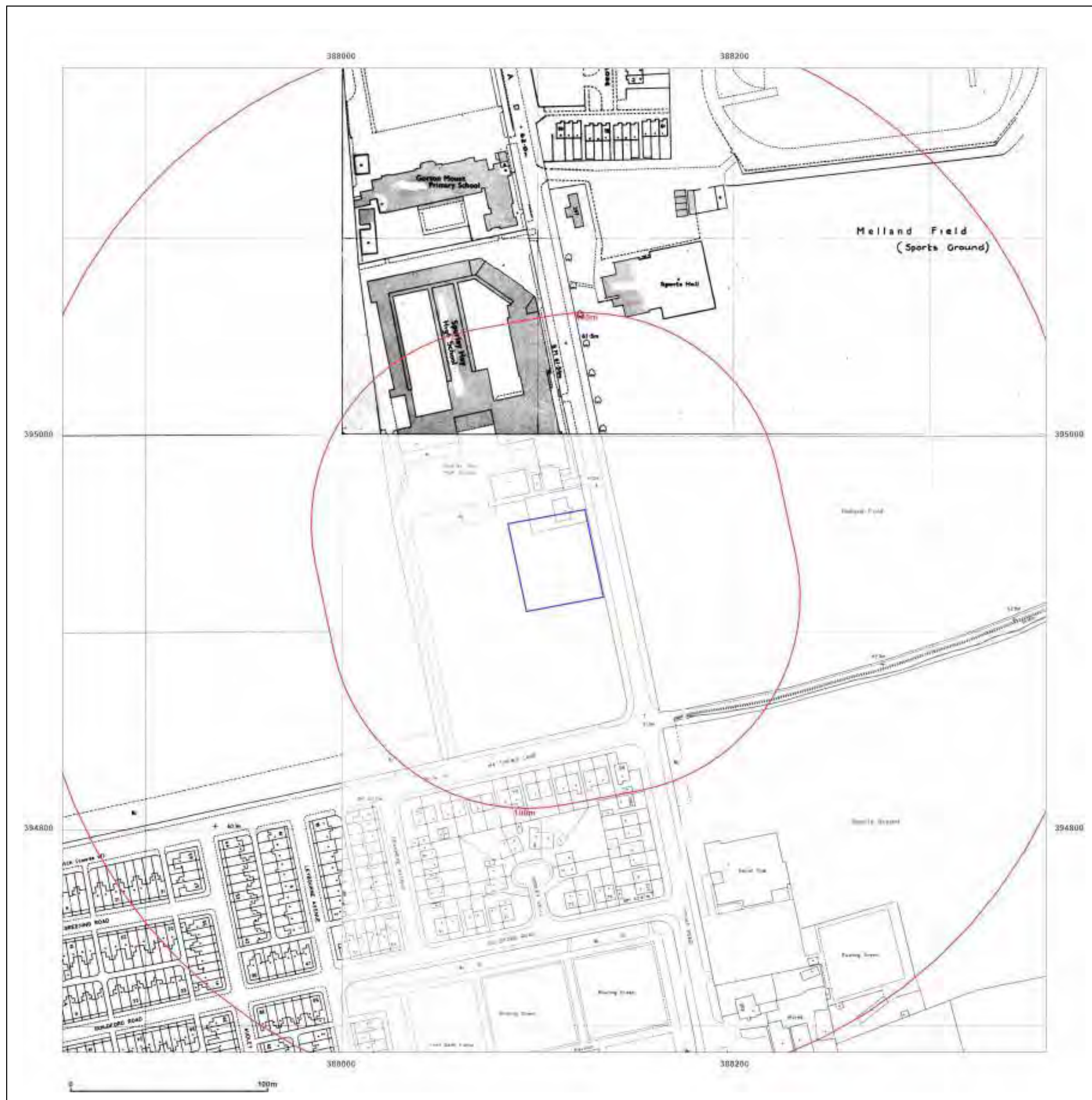


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4GR

Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: National Grid

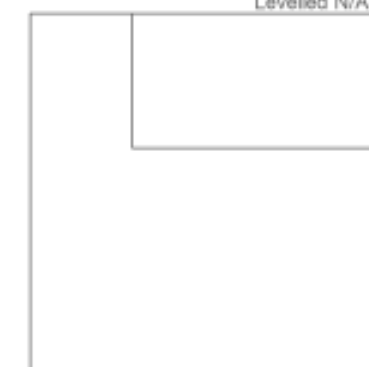
Map date: 1992

Scale: 1:1,250

Printed at: 1:2,000



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Client Ref: CMAPS-CM-1180844-4199-190824
Report Ref: CMAPS-CM-1180844-4199-190824HIS
Grid Ref: 388108, 394936

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250



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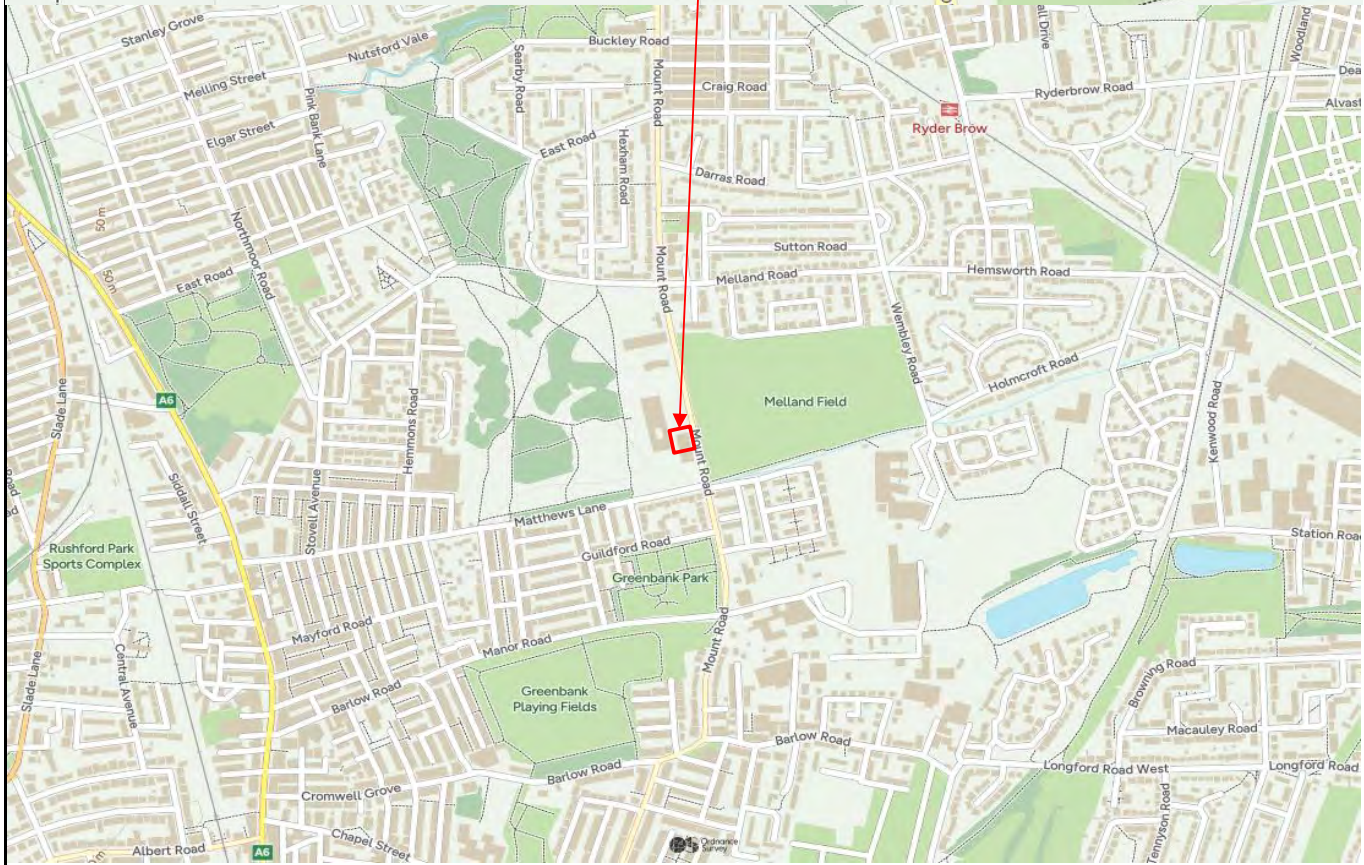
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FIGURES

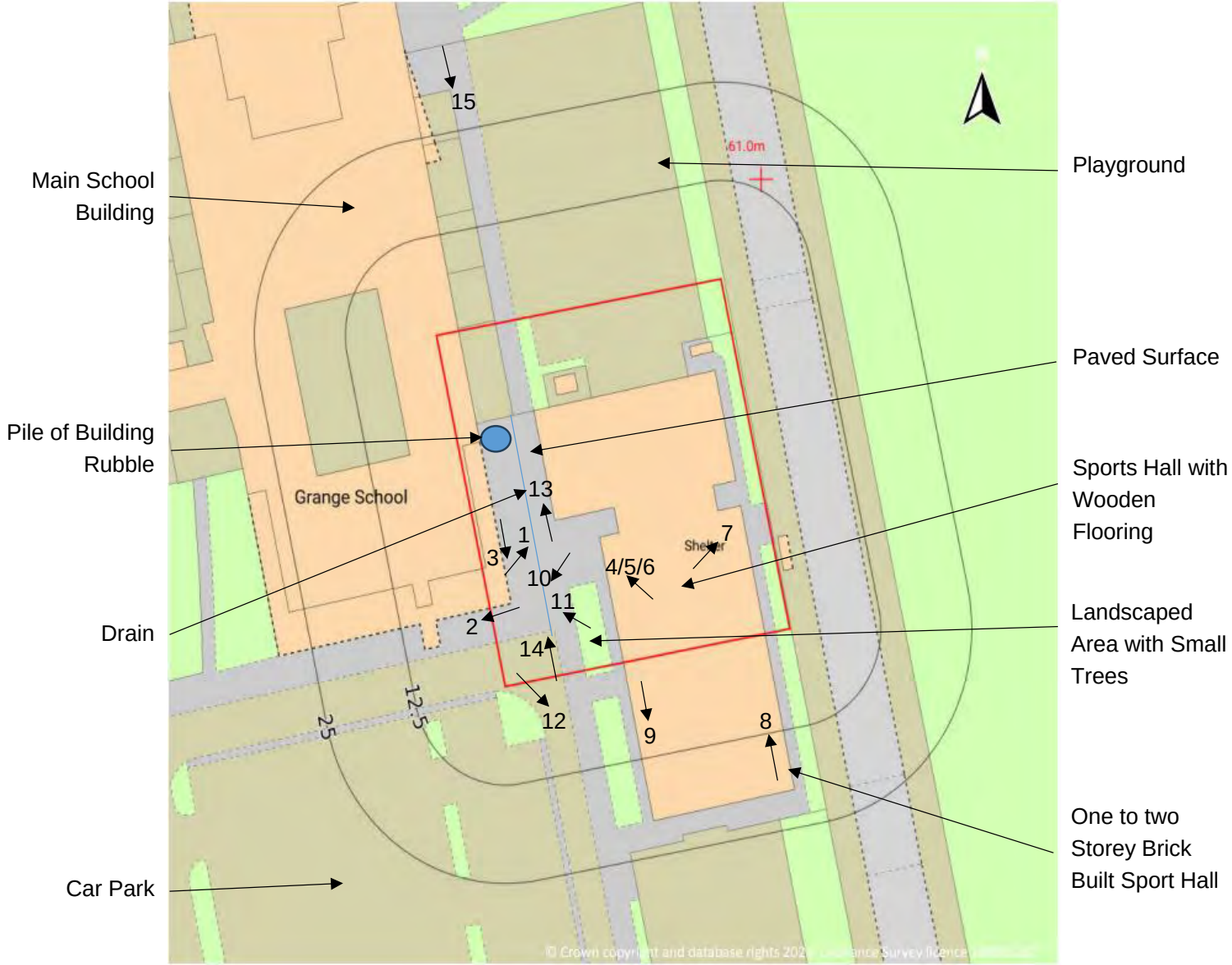


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SS SUB SURFACE SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS 3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907	Site Location Plan			
Site: GRANGE SCHOOL, MATTHEWS LANE, LEVENSHULME, MANCHESTER, M12 4GR		Date Drawn: 06-Sep-24	Date Checked:	Orientation:
Client: PROSPERE LEARNING TRUST		Drawn By: LMB	Checked By:	Job Number: 8032
			Scale: —	Figure Number: 1

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Site: GRANGE SCHOOL, MATTHEWS LANE, LEVENSHULME, MANCHESTER, M12 4GR		Date Drawn: 06-Sep-24		Date Checked: 		Job Number: 8032	
Client: PROSPERE LEARNING TRUST		Drawn By: LMB		Checked By:		Scale: —	
						Figure Number: 2	

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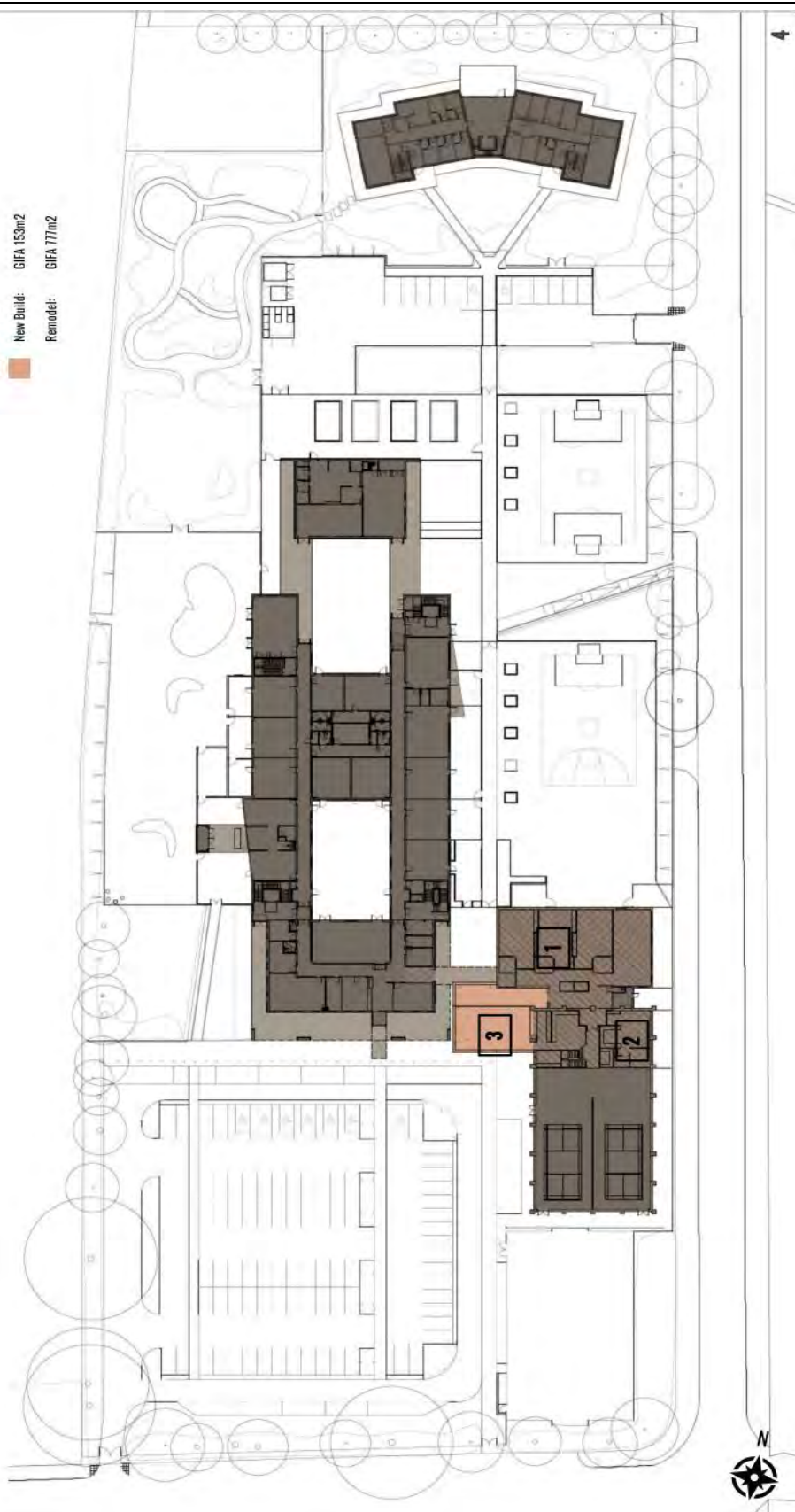
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PREFERRED OPTION

Site Plan

- Existing
- New Build: GIFA 153m²
- Remodel: GIFA 77m²

- SIXTH FORM CENTRE
- LIFE SKILLS FLAT
- BREWING CAFE



SUB SURFACE

SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS
3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907

Site:
GRANGE SCHOOL, MATTHEWS LANE, LEVENSHULME,
MANCHESTER, M12 4GR

Client:
PROSPERE LEARNING TRUST

Proposed Development

Date Drawn:
06-Sep-24

Drawn By:
LMB

Date Checked:

Checked By:

Orientation:



Scale:

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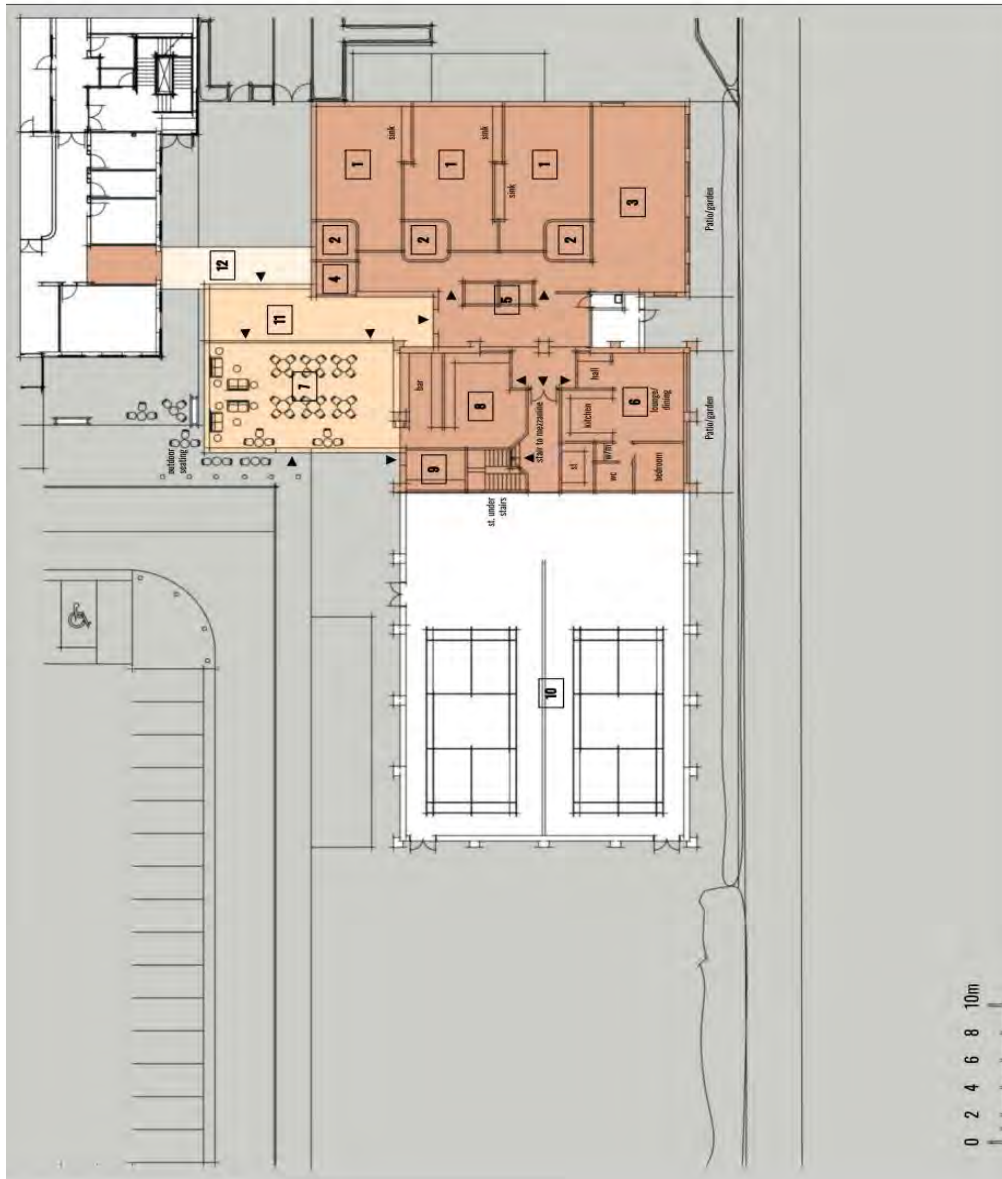
Job Number:
8032

Figure Number:
3a

PREFERRED OPTION

Ground Floor Plan_ Sixth Form, Brewing Café and Life Skills Flat

1. CLASSROOM: 56m²
2. BREAK OUT ROOM: 8m²
3. COMMON ROOM: 85m²
4. STAFF OFFICE/BASE: 6m²
5. WC: 2x AWC
6. FLAT: 80m²
7. CAFÉ: 98m²
8. KITCHEN/BAR: 52m²
9. MAINTENANCE OFFICE/WORKSHOP: 12m²
10. REDUCED SPORTS HALL, AS EXISTING
11. CIRCULATION
12. CANOPY



SUB SURFACE

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3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907

Site:
GRANGE SCHOOL, MATTHEWS LANE, LEVENSHULME,
MANCHESTER, M12 4GR

Client:
PROSPERE LEARNING TRUST

Proposed Ground Floor Plan

Date Drawn:
06-Sep-24

Drawn By:
LMB

Date Checked:

Checked By:

Orientation:



Scale:

—

Job Number:
8032

Figure Number:
3b