



Phase 1 Desk Study Report for Bowlee Football & Community Wellbeing Hub, Middleton

Prepared for
Rochdale Borough Council and Rochdale AFC

June 2026

10/2721/001 Rev. 03

Amy McNicholas
Graduate Geoenvironmental Engineer
amy.mcnicholas@clancy.co.uk

0161 613 6000
enquiries@clancy.co.uk
www.clancy.co.uk

Clancy Consulting Limited
4th Floor
Windmill Green
24 Mount Street
Manchester
M2 3NX

Document Control Sheet

Issued by	Clancy Consulting Ltd 4 th Floor Windmill Green 24 Mount Street Manchester M2 3NX	Tel: 0161 613 6000 Email: enquiries@clancy.co.uk Website: www.clancy.co.uk
Client	Rochdale Borough Council Property and Highways Number One Riverside Smith Street Rochdale OL16 1XU	
Document	Phase 1 Desk Study Report	
Project Name	Bowlee Football & Community Wellbeing Hub, Middleton	
Reference	10/2721/001 Rev. 03	
Date	June 2026	

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Document Origin

Revision	Date	Revision Description		Name
00	April 2026	Original	Prepared	Amy McNicholas Graduate Geoenvironmental Engineer amy.mcnicholas@clancy.co.uk
01	June 2026	Revised due to changes in site area.	Checked	Phil Hill Senior Geo-environmental Consultant phil.hill@clancy.co.uk
02	July 2026	Minor revisions to text	Approved	Phil Edge Associate phil.edge@clancy.co.uk
03	August 2026	Landscape drawing P03 added		

Executive Summary

Client	Rochdale Borough Council and Rochdale AFC
Location	Bowlee Community Centre, Heywood Old Road, Middleton, Manchester, M24 4SD.
Description	The site currently comprises an area of open playing fields with the Bowlee Community Organisation building situated at the centre and an associated car park and access road off Heywood Old Road.
Development	It is proposed to redevelop the site into new and improved sports pitches, new football training facilities for Rochdale AFC and a new community health and wellbeing facility with associated parking and landscaping.
Site History	The site comprised rural fields between 1848 and 1968 with a footpath running in a northwest to southeast direction through the middle of the field. In 1968, historical maps indicate the fields being used as playing fields and an 'H' shaped building in the central portion of the site labelled as the 'Pavillion Building' with an associated car park and path connecting to Heywood Old Road beyond the western site boundary. The site layout has predominantly remained the same until present day where the playing fields and pavilion form part of the Bowlee Community Park. A pond was shown close to the southern site boundary on the earliest maps until 1955.
Geology	Based on British Geological Survey data, the superficial deposits beneath the site are indicated to comprise Devensian Till (a mix of clay, silt, sand and gravel), followed by Glacial Sand and Gravel deposits. Bedrock geology is indicated to comprise sandstone, siltstone and mudstone of the Pennine Lower Coal Measures Formation.
Radon	The site is in a 'low' probability radon area where less than 1% of homes are estimated to be at or above the Action Level. Radon gas protection measures are therefore not required in the construction of new dwellings or extensions.
Mining & Ground Stability	The Arley Coal seam is recorded subcropping approximately 150m south of the site, and dipping away from the site to the south. A significant thickness of measures without a coal seam is recorded in the succession below the Arley Coal, including the Old Lawrence Rock (Sandstone member), before the next named seam, the Pasture Coal. The Consultants Report recorded no risks from mining related features.
Flood Risk	The site is located in Flood Zone 1. The area immediately south west of the site is designated as a Flood Zone 2 and Flood Zone 3 risk area. Given that the site area is over 1 ha in area (11.7 ha) and the close proximity to Flood Zone 2 and 3 southwest of the site, a flood risk assessment is recommended and should be undertaken as part of planning application of the development.
Environmental Setting	The Devensian Till, indicated to be present beneath the site, is classified by the Environment Agency (EA) as a Secondary Undifferentiated Aquifer. The underlying bedrock, the Pennine Lower Coal Measures Formation indicated to be present beneath the superficial deposits is classified by the EA as a Secondary A Aquifer. The site is not located within a groundwater Source Protection Zone (SPZ) and there are no records of licensed groundwater abstractions within 1km of the site.
UXO	Zetica Bomb Risk Mapping indicates the site to be in an area of low UXO risk.

Conceptual Site Model

The site has not had a significant development history; however, Made Ground may be present from the construction of the existing pavilion building and car park constructed on the site as well as the associated access roadway, which represents a potential, albeit low risk, source of contaminants of concern.

The following potential pathways are considered applicable at the site: direct contact within soft landscaping areas, inhalation (dust / vapors), ingestion and vertical / lateral migration of mobile contaminants.

Potential human health receptors include future site users, whilst the proposed new buildings at the site are also be considered as receptors.

The site is underlain by Devensian Till which is classified as a Secondary Undifferentiated Aquifer on the basis of it comprising predominantly cohesive materials. Hence, given the site setting, this stratum is not considered to represent a significant environmental receptor. The Whittle Brook, which forms a tributary of the Langley Brook, is present approximately 100m to the south of the site and is considered the closest surface water receptor, although it is distant from the proposed building and car park.

Geotechnical

Made Ground would not form suitable bearing layers for traditional foundations. The underlying Devensian Till may represent a suitably competent material to support traditional foundations, if present at shallow depth.

A series of mature trees are present lining the access roadway and car park. If clay soils are present, the proximity of new structures to existing or removed trees will need to be considered in the foundation design.

The above should be confirmed by intrusive site investigations.

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1.0 Introduction

1.1 Background

Clancy Consulting Limited has been instructed by Rochdale Borough Council to undertake a Phase 1 Desk Study for the site of Bowlee Community Centre, Heywood Old Road, Middleton, Manchester M24 4SD.

The site currently comprises an area of open playing fields with the Bowlee Community Organisation building situated at the centre with an associated car park and access road off Heywood Old Road.

It is proposed to redevelop the site into new and improved sports pitches, new football training facilities for Rochdale AFC and a new community health and wellbeing facility with associated parking and landscaping.

A site location plan and proposed development plan are included in Appendix I.

1.2 Objectives

The objectives of this assessment are summarised below:

- Provide a review of the site's land use history by reference to ordnance survey maps of the area.
- Assess the environmental setting, geology, hydrology, hydrogeology, mining and subsidence history of the site and surrounding area.
- Consider the potential risk from unexploded ordnance (UXO).
- Consider the potential risk to end users of the site from hazardous ground gas.
- Develop a preliminary risk assessment and a detailed 'conceptual site model' with regard to potential contamination sources, pathways and receptors.
- Provide recommendations regarding the requirement for further investigations or remedial works, if required, to satisfy the Local Planning Authority and to inform detailed civil and structural design.

1.3 Limitations of the Study

Clancy Consulting Limited cannot be held responsible for any omissions, misrepresentation, errors or inaccuracies with the supplied third-party report information. The report is written in the context of an agreed scope of work and budget and should not be used in a different context. New information or improved practices and changes in legislation may require a reinterpretation of the report in whole or in part.

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It must be noted that whilst this assessment aims to characterise the general ground conditions beneath the proposed development site, Clancy Consulting Limited cannot be held accountable for variations in ground and groundwater conditions, unidentified contamination or the presence of below ground structures present.

2.0 Desk Study

2.1 General

Background information was sought from the following sources:

- Ordnance Survey historical maps (Appendix II).
- Zetica Bomb Risk Mapping (Appendix III).
- British Geological Survey (BGS) sheets (Appendix IV).
- Consultants Coal Mining report (Appendix V)
- Environment Agency site sensitivity & flood risk maps (Appendix VI).
- Environmental datasheets (Appendix VII).

2.2 Site Setting and Description

The site is located off Heywood Old Road at approximate Ordnance Survey (OS) National Grid Reference 384980, 407223 at an approximate elevation of 103m AOD. The site currently comprises an area of open land/playing fields with the Bowlee Community Organisation building situated at the centre with an associated car park and access roadway off Heywood Old Road, occupying an area of approximately 11.7 ha.

The northern section of the site comprises a number of community playing fields and club facilities and playing fields associated with a Rugby Club. A smaller area comprising a single sports pitch is located to the south, separated from the main area by a pathway / roadway.

Surrounding the site, Heywood Old Road directly borders the western perimeter, running in a southwest-northeastern direction. Rural fields and Bowlee Park dominate the surrounding area with David Lloyds Sports and Health Leisure Facility and Bowlee Driving Range present at approximately 542m southwest of the site. Residential housing is present beyond the rural fields located at approximately 126m south east of the site and 282m northwest of the site.

2.3 Site History

In order to investigate the development history and previous land uses at the site and surrounding area, historical OS maps were examined. Copies of the maps are presented in Appendix II.

The summary below is not intended to provide a comprehensive review of all the changes which have occurred at the site and instead provides highlights the most salient points relating to the development history of the site. The most significant historical land uses are highlighted in bold text for ease of reference.

The Site

The site comprised **rural fields** between 1848 and 1968 with a footpath running in a northwest to southeast direction through the middle of the field. In 1968, historical maps indicate the rural fields are being used as **playing fields** and an 'H' shaped building was built in the central portion of the site labelled as the '**Pavillion Building**' with an associated **car park and path** connecting to Heywood Old Road beyond the western site boundary. The site layout has predominantly remained the same until present day where the playing fields and pavilion form part of the Bowlee Community Park. A pond was shown adjacent to the roadway separating the larger northern section, with the smaller southern section of the site. This pond no longer features on the maps after 1955 – 1956.

Surrounding Area

Historical maps from 1848 indicate **rural fields** surrounded the site and notable features included a **pond** approximately 60m northwest of the site. Coppice Wood was indicated to be present 94m southeast of the site. The village of Birch was present approximately 216m northwest of the site consisting of residential buildings and St Mary's church. **Langley Brook** is indicated to be present 10m southeast of the site at its closest point, flowing in a westerly direction, and **Whittle Brook** is indicated to be present 100m west of the site, flowing to the southwest. Langley Brook is a tributary of Whittle Brook.

Historical tanks are indicated to be present approximately 5m from the southern site boundary on the 1932 map and a **historical pond** is indicated to be present approximately 140m northeast of the site. **Sand pits** are also indicated to be present at 465m northeast of the site in the vicinity of Langley Hall.

From 1955 to 1965, there had been significant **residential construction** related to the expansion of Middleton which had resulted in the encroachment of residential properties onto rural fields approximately 152m southeast of the site. **Langley Secondary Modern School** had been built approximately 389m southeast of the site. In 1955, the sand pits close to Langley Hall (northeast) and the historical pond c. 30m southeast and historical tanks no longer appear on historical mapping.

Throughout the late 1960s to 1977, historical mapping indicates the road network becomes significantly more developed; in particular the **motorway and associated service areas** have been built 574m northwest of the site running roughly parallel to the western boundary of the site. **Residential housing** begins to encroach onto rural fields bounding the A6045 Heywood Old Road to the south with residential properties now bordering the north and south boundaries.

The surrounding site area remains relatively unchanged from the late 1970s to present day. Notable changes include the addition of **allotment gardens** in 1999 located approximately 121m southeast of the site. The construction of **Edgar Wood Academy** began in 2021 which was completed in 2022 located approximately 58m northeast of the site.

2.4 UXO Risk Assessment

A review of publicly available bomb risk mapping from Zetica indicates the site to be in an area of low UXO risk. Therefore, no further assessment of the risk posed by UXO is considered to be required.

Zetica bomb risk mapping for the site is included in Appendix III.

2.5 Geology

Based on British Geological Survey data, the superficial deposits beneath the site are indicated to comprise Devensian Till (a mix of clay, silt, sand and gravel), followed by Glacial Sand and Gravel deposits. Bedrock geology is indicated to comprise sandstone, siltstone and mudstone of the Pennine Lower Coal Measures Formation.

Historic BGS boreholes SD80NE258 approximately 65m to the north east of the site and SD80NE508, approximately 244m to the south of the site indicate, beneath a surface layer of Made Ground, 'soft and firm' sandy and gravelly clays to depths ranging from 4.50m (to the south) to 15.00m bgl (to the north east). This in turn is followed by 'soft to very soft' silty and sandy clay, proven to a maximum of 20.00m bgl.

There are no other publicly available historical BGS borehole records within close proximity to the site.

Given the limited development history of the site, a significant thickness of Made Ground is not anticipated to be present overlying natural strata.

Copies of the geological plans are provided in Appendix IV.

2.6 Mining and Ground Stability

The site is located in a Coal Mining Reporting Area but not within a Development High Risk Area. Hence, a Consultants Coal Mining report has been obtained from the Mining Remediation Authority. A copy of the report is presented in Appendix V.

The Arley Coal seam is recorded subcropping approximately 150m south of the site and dipping away from the site to the south. A significant thickness of measures without a coal seam is recorded in the succession below the Arley Coal, including the Old Lawrence Rock (Sandstone member), before the next named seam, the Pasture Coal. Due to the presence of potential coal related issues Clancy Consulting have obtained a Consultants Coal Mining report.

The Consultants Report (ref 51003575842001 dated 10th June 2026) recorded the following:

- No past underground mining is recorded,
- No probable unrecorded shallow mine workings,
- No spine roadways at shallow depth,
- No mine entries within 100m of the site boundary,
- No geological faults, fissures or breaklines recorded,
- No opencast coal mines within 500m of the site boundary,
- No recorded coal authority managed tips within 500m of the site boundary,
- No recorded investigations or remediation works within 50m of the site boundary,
- No coal mining subsidence claims within 50m of the site boundary, since 31st October 1994
- No mine gas or mine water treatment schemes are recorded within 500m of the site boundary.

On the basis of these findings it is considered that there are no coal mining risks associated with the development site.

The environmental database report indicates that the site represents a very low risk with regard to ground stability issues relating to collapsible ground, landslides, shrinking/swelling clay and running sand. There is indicated to be 'no hazard' with regard to ground stability issues relating to ground dissolution and compressible ground.

There is one record of BGS recorded mineral sites within 500m of the site; located at 489m northeast of the site related to Langley Hall Sand Pit, Middleton (also noted on historical maps), associated with the opencast acquisition of sand from the Devensian Till strata. This mineral site is recorded as ceased and is not considered to represent a significant risk to the proposed development.

2.7 Hydrogeology

The Devensian Till, indicated to be present beneath the site, is classified by the Environment Agency (EA) as a Secondary Superficial Aquifer. These are strata where it has not been possible to classify them as A or B.

The underlying bedrock, the Pennine Lower Coal Measures Formation indicated to be present beneath the superficial deposits is classified by the EA as a Secondary A Aquifer. These are permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.

According to EA data, the site is not located within a groundwater Source Protection Zone (SPZ).

Information provided by the EA indicates that there are no records of licensed groundwater abstractions within 1km of the site.

Groundwater quality beneath the site has been classified under the EA management plan as a Northern Manchester Carboniferous Aquifer of good quality in 2015 (Water body ID: GB41202G101800).

2.8 Hydrology

Whittle Brook, which forms a tributary of the Langley Brook, is present approximately 100m to the south of the site. The chemical quality of this surface water feature has been classified as 'fail' under the EA River Basin Management Plan for the area in 2019 due to the presence of Mercury and related compounds and Polybrominated diphenyl ethers (PBDE).

There are no records of licensed surface water abstractions indicated to be present within 1km of the site.

There are records of sixteen potential active discharge consents within 500m of the site. These relate to the discharge of sewage into Whittle Brook, Langley Brook and discharge of surface water into Whittle Brook. The

closest record of a discharge consent relates to the discharge of sewage into Whittle Brook 24m north of the site from a single domestic property.

There is one record of a significant incident to controlled waters which occurred on 29th July 1999 involving freshwater pollution of Bowlee Stream at Martindale Crescent, located 331m from the site in relation to diesel fuel. There were no other significant or major incidents to controlled waters recorded within 500m of the site.

2.9 Soil Geochemistry

According to the BGS National Geoscience Information Service, the following background soil concentrations can be expected within natural soils at the site:

- Arsenic – <15 mg/kg
- Cadmium - <1.8 mg/kg
- Chromium – 60-90 mg/kg
- Lead – <100 mg/kg
- Nickel – 15-30 mg/kg

These concentrations are not considered to be elevated.

It should be noted that the soil geochemistry has been estimated solely on the basis of published geology and not empirical data.

2.10 Flood Risk

According to the Flood Map for Planning, available on the gov.uk website, the site is located within Flood Zone 1 whereby there is less than 0.1% (1 in 1,000) chance of flooding from rivers and less than 0.1% (1 in 1,000) chance of flooding from the sea per year.

The area immediately south west of the site is designated as a Flood Zone 2 and Flood Zone 3 risk area, whereby there is between between a 1% and 0.1% (between 1 in 100 and 1 in 1,000) chance of flooding from rivers and between a 0.5% and 0.1% (between 1 in 200 and 1 in 1,000) chance of flooding from the sea per year. Locations in flood zone 3 have a high probability of flooding with a 1% (1 in 100) or more chance of flooding from rivers and a 0.5% (1 in 200) or more chance of flooding from the sea per year.

Given that the site area is over 1 ha in area (11.7ha) and the proximity to Flood Zone 2 and 3 southwest of the site, a flood risk assessment is recommended and should be undertaken as part of planning application of the development.

The environmental database report and government long term risk for planning data indicate that there is limited potential for groundwater flooding to occur at the ground surface.

The site may be located within a critical drainage area. The appointed drainage engineer should consult with the Lead Local Flood Authority (LLFA) to confirm this.

Copies of the site sensitivity and flood risk maps are included in Appendix VI.

2.11 Radon Risk Potential

The radon guidance on protective measures for new dwellings indicates that the site is in a 'low' probability radon area where less than 1% of homes are estimated to be at or above the Action Level.

Radon gas protection measures are therefore not necessary in the construction of new buildings.

2.12 Landfill Sites

No current or former landfill or waste management sites are indicated to be present within 500m of the site.

There are eighteen potential areas of infilled land associated with former ponds in 1848 and 1932. The closest entry relates to filling of an unknown pond area in 1932 in the south of the site. These are not considered to represent a significant risk to the proposed development.

2.13 Industrial Land Uses

There are two active Local Authority Pollution Prevention and Control permits recorded within 500m of the site. These both relate to a petrol filling station for Moto Hospitality Ltd positioned approximately 471m and 472m northwest of the site.

There are four active Contemporary Trade Directory entries recorded within 500m of the site. These relate to a boiler manufacturers, petrol filling station and furniture repairing. The closest entry refers to the boiler manufacturers located approximately 317m to the southwest.

Full details of the waste management and industrial land uses are detailed in the environmental database presented in Appendix VII.

2.14 Sensitive Land Uses

Natural England data indicates that there are two areas of adopted green belt both obtained on 21st March 2024. The closest is located 26m under the authority of Rochdale Metropolitan Borough Council and the second is located 389m from the site under the authority of Bury Metropolitan Borough Council. There are no other records of sensitive land uses indicated within 500m of the site that constitute environmental receptors as defined within Table 1 of the DEFRA Environmental Protection Act 1990: Part 2A - Contaminated Land Statutory Guidance (2012).

2.15 Potential Geotechnical Constraints

The table below summarises the potential geotechnical hazards associated with the development. The table provides an assessment of whether the site is likely to be affected by the hazard and the possible consequences and engineering considerations.

Table 1 – Geotechnical Risk Register

Hazard Description	Is hazard likely to be present / affect the site?	Comments/possible engineering requirements where hazard present
Sudden lateral/vertical changes in ground conditions	L/M	There has been limited historical development on the site and within the surrounding area therefore it is not anticipated that there will be a significant thickness of Made Ground present on the site. Sudden lateral/vertical changes in ground conditions are possible within the composition and strength characteristics of the underlying superficial deposits.
Highly compressible/low bearing capacity soils, (including peat and soft clay)	L/M	Made Ground would not form suitable bearing layers for traditional foundations. The underlying Devensian Till may represent a suitably competent material to support traditional foundations, if present at shallow depth. This would need to be confirmed by an intrusive site investigation.
Ground dissolution features/natural cavities	L	Strata indicated to be present at shallow depth beneath the site are not susceptible to these hazards.
Shrinking and swelling clays	M	Strata indicated to be present at shallow depth beneath the site may be susceptible to these hazards. A series of mature trees are present lining the access roadway and car park. If clay soils are present, the proximity of new structures to existing or removed trees will need to be considered in the foundation design.
Slope stability/Retaining wall issues	L	Significant slopes or retaining structures are not indicated to form part of the proposed development.

Hazard Description	Is hazard likely to be present / affect the site?	Comments/possible engineering requirements where hazard present
High groundwater table (including waterlogged ground)	M	The presence of cohesive Devensian Till at shallow depth could result in shallow perched waters being present at the site. If present, excavations may require groundwater exclusion and control measures.
Filled and Made Ground (including embankments)	L	Limited historical development has taken place on the site and surrounding area in the past and hence there is considered to be limited potential for infilled ground.
Obstructions (including foundations, services, basements, tunnels and adjacent sub-structures)	L	The site has experienced limited development in the past therefore it is considered that any buried obstructions present can be removed using standard plant machinery.
Underground mining	L	The site is located in a Coal Mining Reporting Area but not within a Development High Risk Area. The Mining Remediation Authority have no records of old mining beneath the site. The Arley Coal seam is recorded subcropping approximately 150m south of the site, and dipping away from the site to the south. A significant thickness of measures without a coal seam is recorded in the succession below the Arley Coal, including the Old Lawrence Rock (Sandstone member), before the next named seam, the Pasture Coal.
Concrete classification	L/M	The potential for elevated naturally occurring sulphates will need to be assessed and buried concrete designed accordingly.
Seismic Activity	L	The Eurocode 8 seismic hazard zoning maps for the UK (Musson and Sargeant, 2007) indicate that horizontal Peak Ground Acceleration (PGA) values with 10% probability of being exceeded in 50 years (475 year return period) are between 0.00g and 0.02g, which is considered very low.
NOTES: H – High Risk M – Medium Risk L – Low risk		

3.0 Phase 1 Risk Assessment

3.1 General

The “suitable for use” approach is adopted for the assessment of contaminated land and remedial measures are only undertaken where unacceptable risk to human health or the environment can be proven when taking into account the proposed use of the site and environmental setting.

A risk assessment process should be carried out to determine potential hazards to human health and the environment and be based on the “source” “pathway” “receptor” principal. For a potential risk to be present there must be a viable pollutant linkage whereby a contamination source may impact upon a receptor. The absence of one or more of these key components (source, pathway or receptor) prohibits a viable pollution linkage being formed.

3.2 Preliminary Conceptual Site Model

In accordance with the ‘Land Contamination Risk Management’ (LCRM) guidance on the gov.uk website (last updated June 2025) and BS 10175 “Code of Practice for Investigation of Potentially Contaminated Land” (2026), a Preliminary Conceptual Site Model was developed to identify potential contamination sources, migration pathways and receptors within the study area.

3.3 Potential Contaminant Sources

The site has not had a significant development history. However, Made Ground may be present from the construction of the existing pavilion building and car park constructed on the site as well as the associated access roadway, which represents a potential, albeit low risk, source of contaminants of concern.

Historical surrounding land use was predominantly rural and residential in nature. Although several areas of potentially backfilled land were indicated to be present in the vicinity of the site, these were small in area and at sufficient distance from the proposed structure to be considered a significant risk to the proposed development.

With regard to hazardous ground gases, due to the distances from site and the gas generation potential of sources identified, the only potential source of ground gases which would be considered significant enough to pose a risk to the proposed development would be the unlikely presence of any deep Made Ground soils.

The following potential sources of contamination have been identified at the site:

- Potential Made Ground and contamination associated with construction of the pavilion, car park and access roadway.

3.4 Potential Pathways

It is proposed to redevelop the site with a new clubhouse/pavilion building and car park in the centre of the site and a series of football pitches. The following potential pathways are considered applicable at the site:

- Direct contact (within soft landscaping areas)
- Inhalation (dust / vapors)
- Ingestion
- Vertical / lateral migration (of both contamination and potentially hazardous ground gases)

3.5 Potential Receptors

Potential human health receptors include future site users, whilst the proposed new buildings at the site are also be considered as receptors.

The Devensian Till indicated to be present beneath the site is classified as a Secondary Undifferentiated Aquifer on the basis of it comprising predominantly cohesive materials. Hence, given the site setting, this stratum is not considered to represent a significant environmental receptor.

Whittle Brook, which forms a tributary of the Langley Brook, is present approximately 100m to the south of the site and is considered the closest surface water receptor, although it is distant from the proposed building and car park.

3.6 Preliminary Risk Assessment

A preliminary risk assessment can be carried out using guidance outlined in Section 6.3 of CIRIA Document C552 "Contaminated Land Risk Assessment – A Guide to Good Practice" (2001). For a risk to be present there must be a viable pollutant linkage whereby a contamination source can impact on a receptor via a pathway. To carry out the risk assessment an estimate must be made of the potential severity of the risk and the likelihood of the risk occurring. The following tables set out the criteria for this principal.

Table 1 - Severity of Risk

Severity	Description
Severe	Acute risk to human health likely to result in 'significant harm' i.e. very high concentrations of contamination or ground gases. Catastrophic damage to building i.e. by explosion from high gassing sites or VOC concentrations. Major pollution of controlled waters i.e. surface watercourses and Principal aquifers, source protection zones. Short term damage to ecosystems.
Medium	Long term risk to human health likely to result in 'significant harm' i.e. elevated concentrations of contaminants or ground gases. Pollution of sensitive controlled watercourses i.e. Principal or Secondary Aquifers. Significant effects on sensitive ecosystems or species.
Mild	Pollution of non-sensitive waters i.e. smaller surface watercourses or unproductive strata. Significant damage to crops, buildings, structures or services i.e. by explosion from sites with medium gassing potential, elevated concentrations of contaminants.
Minor	Non-permanent human health effects i.e. requirement for protective equipment during site works to mitigate health effects. Damage to non-sensitive ecosystems or species. Minor damage to buildings, structures or services.

Table 2 - Probability of Risk Occurring

Probability	Description
High Likelihood	Pollutant linkage may be present that appears very likely in the short term and risk is almost certain to occur in long term or evidence of harm to receptor exists.
Likely	Pollutant linkage may be present and is likely that the risk will occur over the long term.
Low Likelihood	Pollutant linkage may be present and there is a possibility of the risk occurring although no certainty that it will do so.
Unlikely	Pollutant linkage may be present but the circumstances under which harm would occur even in the long term are improbable.

Table 3 - Comparison of Risk & Probability

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

A summary of potential pollutant linkages and perceived risks for this site are outlined in the Table below:

Table 4 - Pollutant Linkages & Perceived Risk

Sources of Contamination	Pathways	Receptors	Severity	Probability	Risk	Justification	Further Action Required
On site: Made Ground	Inhalation, ingestion and dermal contact of soil	Future site users	Medium Long term risk to human health	Low Likelihood	Moderate/Low	Contaminants of concern may be present beneath the site if any made Ground is present.	Site investigation to confirm the contamination status of shallow soils beneath the site.
		Construction workers during development	Minor Non-permanent human health effects i.e. requirement for protective equipment during site works to mitigate health effects	Low Likelihood	Very Low	If construction workers come into contact with potential contaminated soils during the construction phase, such contact would be short term, limiting potential exposure. Construction workers are expected to undertake good working practices including regular hand washing and other hygiene techniques which would reduce the likelihood of long-term exposure to any contamination.	
	Acidic ground conditions affecting future site buildings	Building infrastructure	Minor Minor damage to buildings	Low Likelihood	Very Low	Made Ground and natural soils beneath the site may contain elevated concentrations of sulphates and low pH. Chemical testing for water soluble sulphate and pH should be undertaken to inform buried concrete classification.	
	Vertical and lateral migration	Controlled waters	Mild Pollution of non-sensitive controlled water receptors	Unlikely	Very Low	The site is considered to represent a very low risk of contamination and is underlain by a Secondary Undifferentiated Aquifer. In addition, the proposed development works (building and car park) is distant from the nearest surface water receptor (Whittle Brook). Hence, these receptors are considered unlikely to be sensitive controlled waters receptors.	
Potential hazardous ground gas from Made Ground	Migration of ground gas	Future site users	Severe Acute risk to human health (asphyxiation)	Unlikely	Moderate/Low	There would need to be significant amounts of Made Ground, and including putrescible material, to represent a potential source of ground gas generation.	Monitoring wells should be installed as part of the site investigation if significant Made Ground/putrescible material is recorded.
		Building Infrastructure	Severe Significant damage to buildings (explosion)	Unlikely	Moderate/Low		

4.0 Desk Study Conclusions

Clancy Consulting Limited has been instructed by Rochdale Borough Council to undertake a Phase 1 Desk Study for Bowlee Community Centre, Heywood Old Road, Middleton, Manchester M24 4SD. The site currently comprises an area of open playing fields with the Bowlee Community Organisation building situated at the centre with an associated car park and access road off Heywood Old Road.

Proposal

It is proposed to redevelop the site into new and improved sports pitches, new football training facilities for Rochdale AFC and a new community health and wellbeing facility with associated parking and landscaping.

Site History

The site comprised rural fields between 1848 and 1968 with a footpath running in a northwest to southeast direction through the middle of the field. In 1968, historical maps indicate the fields being used as playing fields and an 'H' shaped building in the central portion of the site labelled as the 'Pavillion Building' with an associated car park and path connecting to Heywood Old Road beyond the western site boundary. The site layout has predominantly remained the same until present day where the playing fields and pavilion form part of the Bowlee Community Park. A pond was shown close to the southern site boundary on the earliest maps but no longer appears after c. 1955.

Surrounding Area

Historical maps from 1848 indicate rural fields surrounded the site. Langley Brook is indicated to be present 10m southeast of the site at its closest point, flowing in a westerly direction, and Whittle Brook is indicated to be present 100m northwest of the site, flowing to the southwest. Historical tanks are indicated to be present approximately 5m from the southern site boundary on the 1932 map and a historical pond is indicated to be present approximately 140m northeast of the site. Sand pits are also indicated to be present at 465m northeast of the site in the vicinity of Langley Hall. Langley Secondary Modern School had been built approximately 389m southeast of the site. Throughout the late 1960s to 1977, the road network becomes significantly more developed in particular the motorway and associated service areas has been built 574m northwest of the site running roughly parallel to the western boundary of the site. The surrounding site area remains relatively unchanged from the late 1970s to present day.

Geology

Based on British Geological Survey data, the superficial deposits beneath the site are indicated to comprise Devensian Till (a mix of clay, silt, sand and gravel), followed by Glacial Sand and Gravel deposits. Bedrock geology is indicated to comprise sandstone, siltstone and mudstone of the Pennine Lower Coal Measures Formation.

Mining

The Arley Coal seam is recorded subcropping approximately 150m south of the site, and dipping away from the site to the south. A significant thickness of measures without a coal seam is recorded in the succession below the Arley Coal, including the Old Lawrence Rock (Sandstone member), before the next named seam, the Pasture Coal.

The Consultants Report recorded no risks from mining related features.

Hydrogeology

The Devensian Till, indicated to be present beneath the site, is classified by the Environment Agency (EA) as a Secondary Undifferentiated Aquifer. The underlying bedrock, the Pennine Lower Coal Measures Formation indicated to be present beneath the superficial deposits is classified by the EA as a Secondary A Aquifer. The site is not located within a groundwater Source Protection Zone (SPZ) and there are no records of licensed groundwater abstractions within 1km of the site.

The site is located in Flood Zone 1. The area immediately south west of the site is designated as a Flood Zone 2 and Flood Zone 3 risk area, whereby there is between between a 1% and 0.1% (between 1 in 100 and 1 in 1,000) chance of flooding from rivers and between a 0.5% and 0.1% (between 1 in 200 and 1 in 1,000) chance of flooding from the sea per year. Locations in flood zone 3 have a high probability of flooding with a 1% (1 in 100) or more chance of flooding from rivers and a 0.5% (1 in 200) or more chance of flooding from

the sea per year. Given that the site area is over 1 ha in area (11.7 ha) and the proximity to Flood Zone 2 and 3 southwest of the site, a flood risk assessment is recommended and should be undertaken as part of planning application of the development.

Hydrology

Whittle Brook, which forms a tributary of the Langley Brook, is present approximately 100m to the south of the site and is considered the closest surface water receptor, although it is distant from the proposed building and car park.

Conceptual Site Model

The site has not had a significant development history, however, Made Ground may be present from the construction of the existing pavilion building and car park constructed on the site as well as the associated access roadway, which represents a potential, albeit low risk, source of contaminants of concern.

With regard to hazardous ground gases, due to the distances from site and the gas generation potential of sources identified, the only potential source of ground gases which would be considered significant enough to pose a risk to the proposed development would be the unlikely presence of any deep Made Ground soils.

The following potential pathways are considered applicable at the site: direct contact within soft landscaping areas, inhalation (dust / vapors), ingestion and vertical / lateral migration of mobile contaminants.

Potential human health receptors include future site users, whilst the proposed new buildings at the site are also be considered as receptors.

The site is underlain by Devensian Till which is classified as a Secondary Undifferentiated Aquifer on the basis of it comprising predominantly cohesive materials. Hence, given the site setting, this stratum is not considered to represent a significant environmental receptor. The Whittle Brook, which forms a tributary of the Langley Brook, is present approximately 100m to the south of the site and is considered the closest surface water receptor, although it is distant from the proposed building and car park.

Geotechnical

Made Ground would not form suitable bearing layers for traditional foundations. The underlying Devensian Till may represent a suitably competent material to support traditional foundations, if present at shallow depth.

A series of mature trees are present lining the access roadway and car park. If clay soils are present, the proximity of new structures to existing or removed trees will need to be considered in the foundation design.

The above should be confirmed by intrusive site investigations.

APPENDIX I

Drawings

Client

Rochdale Borough Council and Rochdale AFC

Project

Bowlee Football & Community Wellbeing Hub, Middleton

Title

Site Location Plan

Office

Manchester

Discipline

Geo-Environmental



www.clancy.co.uk



01 00 Rev	JULY 2026 JUNE 2026 Date	Project title change Initial issue Description	AMC AMC By	PH PH Check	PE PE App.	Drawn	SHP	Date	June 2026	COPYRIGHT: THE COPYRIGHT OF THIS DRAWING IS VESTED IN CLANCY CONSULTING. IT SHALL NOT BE USED WITHOUT PERMISSION BY ANYONE FOR ANY PURPOSE. DO NOT SCALE THIS DRAWING ELECTRONICALLY OR MANUALLY. WORK TO FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. DO NOT TURN ON LAYERS THAT HAVE BEEN TURNED OFF. DO NOT THAW LAYERS THAT HAVE BEEN FROZEN.	Job number	Drawing number	Revision
						Checked	PE	Scale @ A4	NTS				
						Approved	PE	Status	Live				
											10/2721	001	01



- Notes**
1. All dimensions in mm, unless otherwise stated.
 2. Scaling from drawing if printed incorrectly may lead to errors.
 3. All information outside red line boundary shown for contextual purpose only.
 4. All hatch patterns are indicative only unless stated otherwise.
 5. This drawing is to be read in conjunction with all relevant documentation from the design team
 6. Levels information on this drawing illustrates the design intent. The contractor is to check and verify all levels and dimensions against site survey information.
 7. Any discrepancies in the design information are to be brought to the attention of re-form landscape architecture, in writing, prior to commencement of construction works.
 8. All proprietary products shall be installed in strict accordance with manufacturers written instructions.
 9. Refer to other consultants' drawings and specifications for the following design information:
 - Foundation details
 - Base course and/or sub bases design & specification
 - Waterproofing of any element
 - Lighting and ducting
 - Existing & proposed utilities

- Key**
- Planning application boundary
 - Perimeter pathways
Self binding gravel laid between pin kerb edges
 - Vehicle access routes
Vehicle grade tarmacadam or similar appr'v'd
 - Parking bays
Permeable tarmacadam or similar appr'v'd
 - Main pedestrian pitch link
Coloured tarmacadam
Ulticolour or similar appr'v'd
 - Play area surfacing
Bark play mulch. Depth in line with safety requirements according to play height
 - MUGA Sports pitch surfacing
Refer to OBI drawings for information
 - Hybrid pitch surfacing
Refer to OBI drawings for information
 - Cycle stores
Product: FalcoSafe Cycle Locker or similar appr'v'd
Size: 780mm W x 2085mm L x 1433mm H
 - Play equipment
Logs to be reclaimed from felled trees acquired during site clearance
 - Art trail information board
Lifted and laid in position indicated. Chipped or damaged paint or metalwork to be made good
 - Existing trees retained
Refer to 1341-RFM-XX-00-DR-L-0501 Planting Strategy
 - Proposed clear stem tree planting
Refer to 1341-RFM-XX-00-DR-L-0501 Planting Strategy
 - Proposed multi stem tree planting
Refer to 1341-RFM-XX-00-DR-L-0501 Planting Strategy
 - Proposed hedge planting
Refer to 1341-RFM-XX-00-DR-L-0501 Planting Strategy
 - Existing / proposed Fencing

03.08.26 for information	VC	TD	DL	P03
Date	Drawn by	Checked by	Approved by	Revision

re-form
landscape architecture

W: re-formlandscape.com
E: info@re-formlandscape.com
T: Leeds +44 (0)113 245 4695
Manchester +44 (0)161 397 4953

Project
BOWLEE, MIDDLETON
RF26-1341

Client
ROCHDALE COUNCIL

Document title
ILLUSTRATIVE GENERAL
ARRANGEMENT PLAN

Paper size
A1

Scale
1:750

Status
FOR INFORMATION

Drawing number
1341-RFM-XX-00-DR-L-0101

Revision
P03

© re-form landscape architecture

APPENDIX II

Historical Maps

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

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

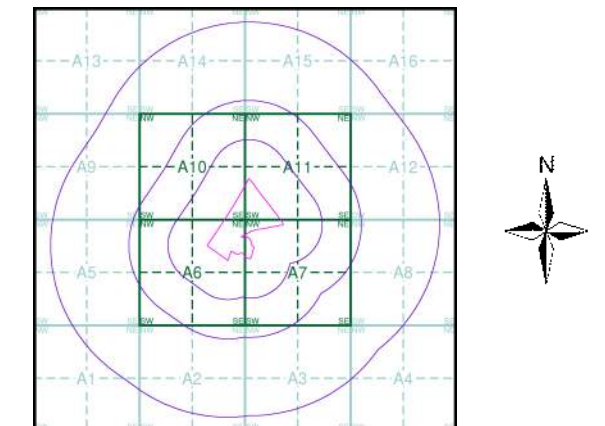
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848 - 1851	3
Lancashire And Furness	1:10,560	1894	4
Lancashire And Furness	1:10,560	1910	5
Lancashire And Furness	1:10,560	1923 - 1932	6
Lancashire And Furness	1:10,560	1932	7
Lancashire And Furness	1:10,560	1938	8
Ordnance Survey Plan	1:10,000	1955 - 1956	9
Ordnance Survey Plan	1:10,000	1965	10
Ordnance Survey Plan	1:10,000	1974 - 1977	11
Manchester	1:25,000	1975	12
Ordnance Survey Plan	1:10,000	1983 - 1984	13
10K Raster Mapping	1:10,000	1999	14
10K Raster Mapping	1:10,000	2006	15
VectorMap Local	1:10,000	2026	16

Historical Map - Slice A



Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

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Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Fireproof Building Prominent Fireproof Building

Non-fireproof Building Non-fireproof Building (non-dwelling)

Factory, mill, and flour mill, with chimneys Factory, mill, and flour mill, without chimneys

Power Station, drawn to scale Hydroelectric Power Station

Radio Station, drawn to scale Telephone Station, drawn to scale

Abandoned Open-pit Mine or Quarry Open-pit Salt Mine

Pit Oil Deposit or Well Oil Seepage

Tailings Pile Fuel Storage Tanks Natural Gas Tank

Bench Mark Drill Hole Burial Mound Triangulation Point on Burial Mound

Single-track Railroad Double-track Railroad and Station Building

Coniferous Forest Deciduous Forest Mixed Forest

Lawns Citrus Orchard Wet Ground Scattered Vegetation

243.8 Values for prominent elevations

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

0.2 Velocity of the current, width of river bed, depth of river

180/12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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

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

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Partly Demolished Buildings Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building Prominent Industrial Building

Individual Dwelling, Fireproof Ruins of an Individual Dwelling

Factory or Mill Chimney Factory or Mill with Chimney Factory or Mill without Chimney Mine or Open Pit Mine

Operating Shaft or Mine Non-Operating Shaft or Mine Salt Mine Tailings Pile

Pit Stone Quarry Gas Pump or Service Station Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick Small Hydroelectric Power Station Power Station Transformer Station

Cemetery Burial Mound (height in metres) Triangulation Point on Burial Mound Triangulation Point

Bench Mark Bench Mark (monumented) Telegraph Office Telephone Station

Radio Station Radio Tower Airfield or Seaplane Base Landing Strip

Telegraph/Telephone Lines Main Highway Highway under Construction Improved Dirt Road (former truck road)

Double-track Railroad with First Class Station Dismantled Railroad Railroad Under Construction

Shore Embankment River or Ditch with Embankment Direction and velocity of current Water Gauge Water Level Mark

Well Water Reservoir or Rain Water Pit Spring Isobath with value

Heavy (Index) Contour Line Contour Line and Value Half Contour Line Spot Elevation Value

Coniferous Deciduous Mixed Scrub

Key to Numbers on Mapping

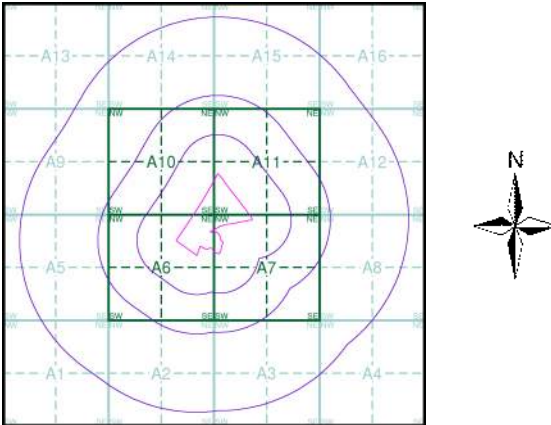
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848 - 1851	3
Lancashire And Furness	1:10,560	1894	4
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Ordnance Survey Plan	1:10,000	1974 - 1977	11
Manchester	1:25,000	1975	12
Ordnance Survey Plan	1:10,000	1983 - 1984	13
10K Raster Mapping	1:10,000	1999	14
10K Raster Mapping	1:10,000	2006	15
VectorMap Local	1:10,000	2026	16

Russian Map - Slice A



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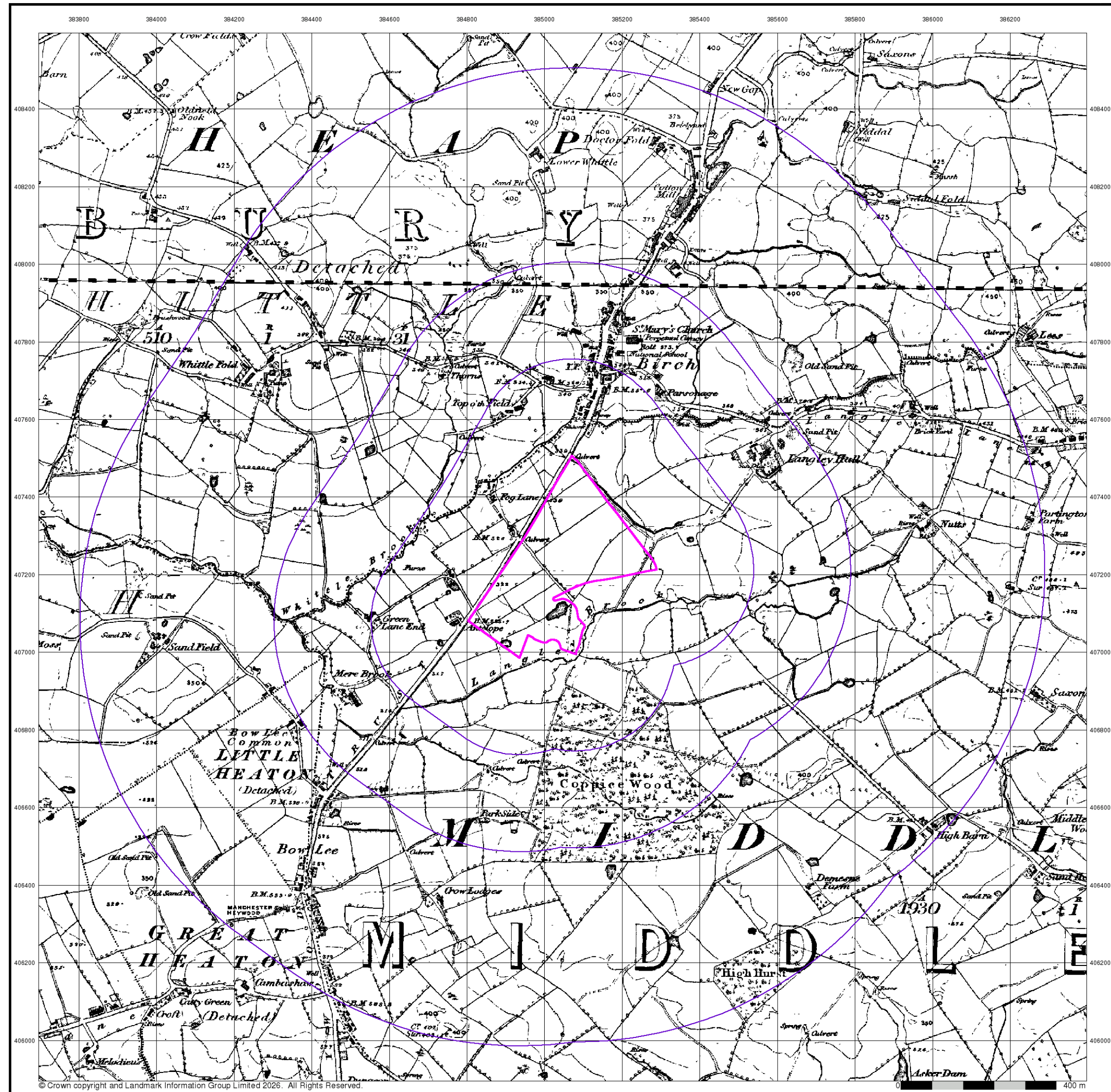
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National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

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Lancashire And Furness

Published 1848 - 1851

Source map scale - 1:10,560

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Map Name(s) and Date(s)

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1851
1:10,560
09600
1848
1:10,560

Historical Map - Slice A

N

Order Details

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Slice:	A
Site Area (Ha):	10.86
Search Buffer (m):	1000

Site Details

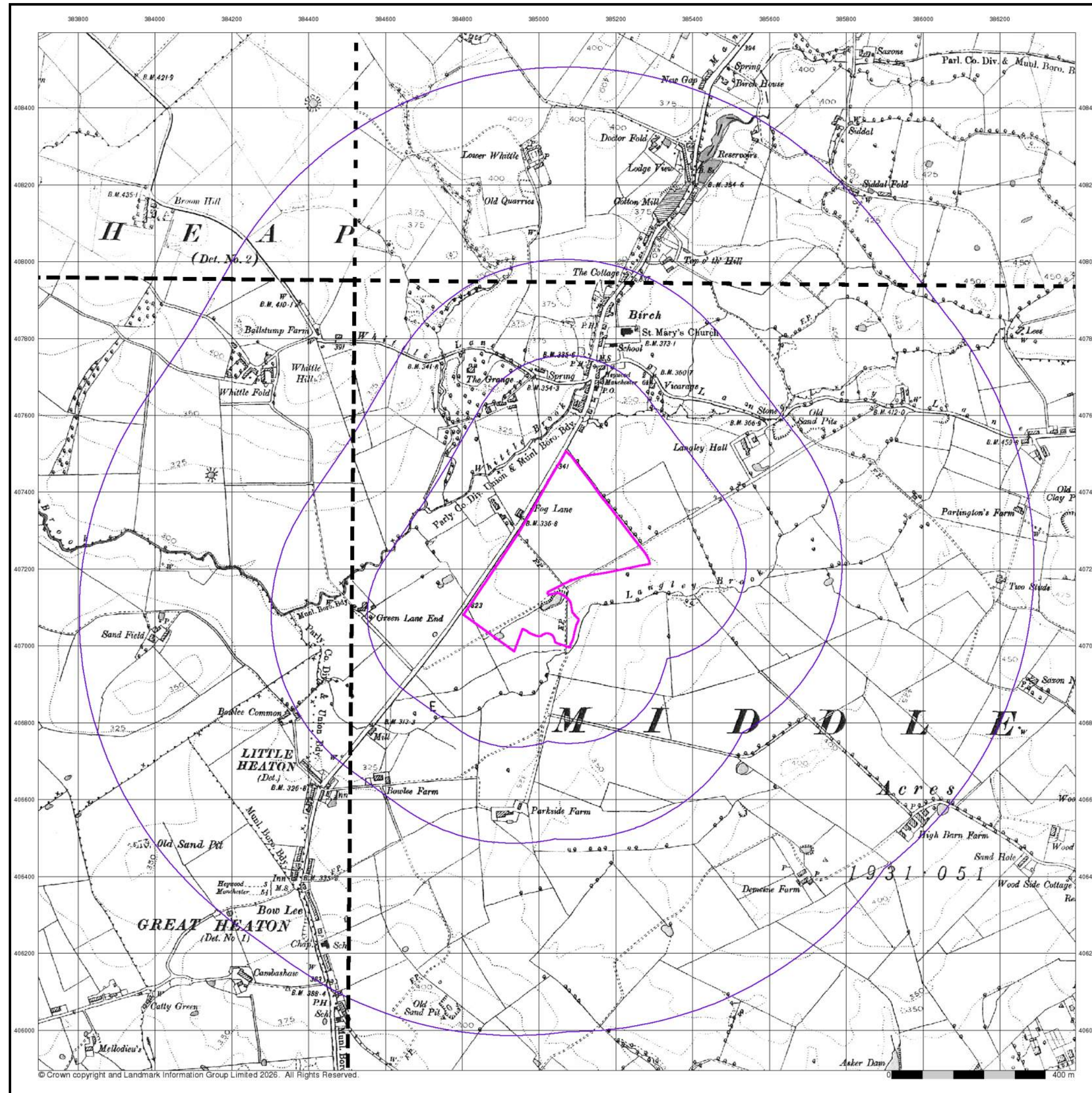
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Lancashire And Furness

Published 1894

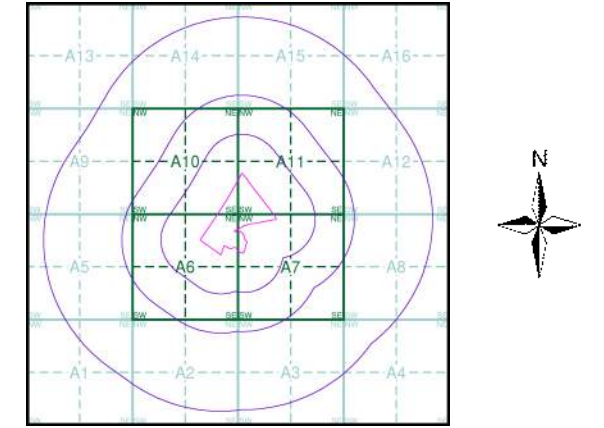
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

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096NW 1894 1:10,560	096NE 1894 1:10,560

Historical Map - Slice A

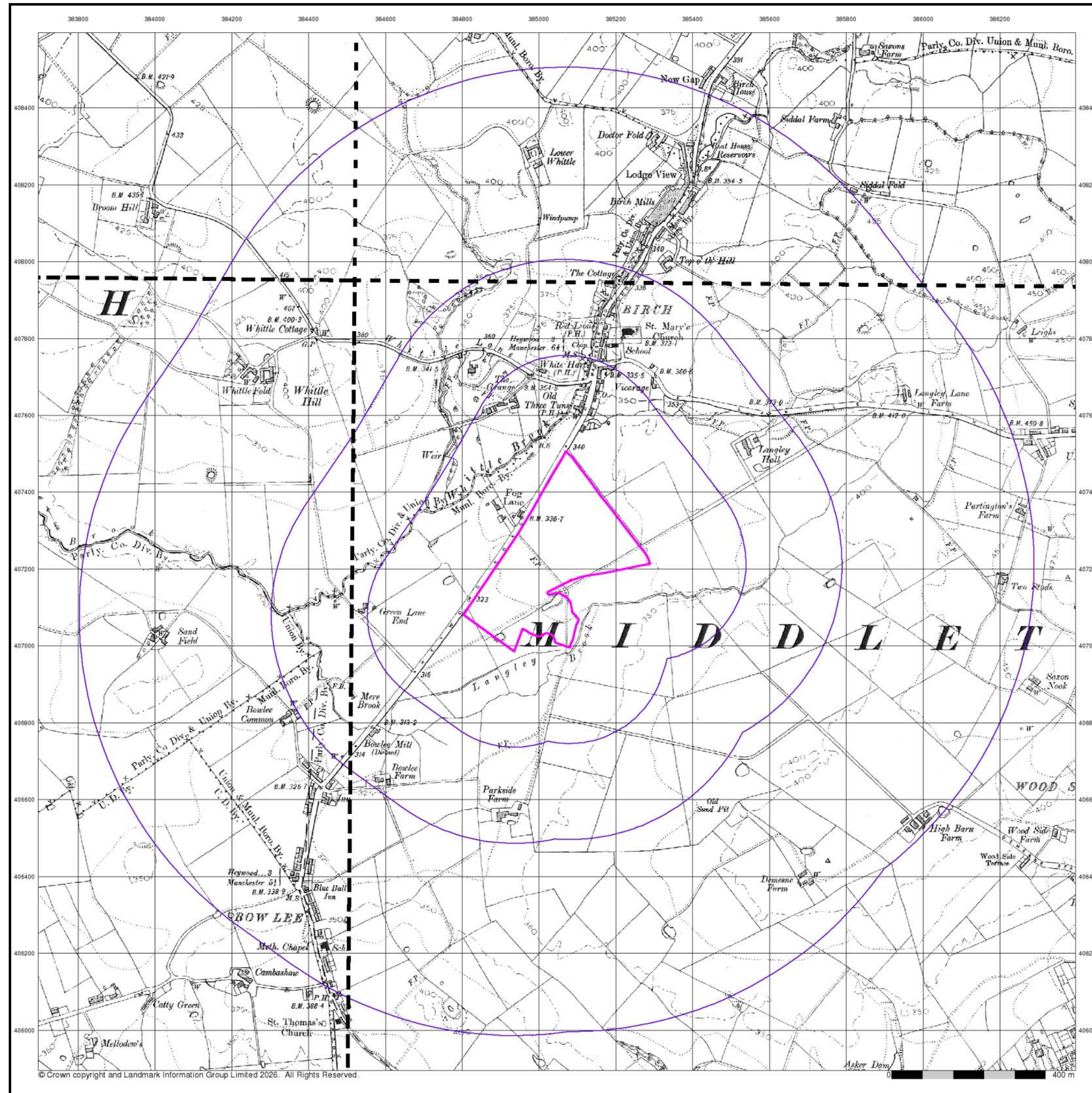


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

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Lancashire And Furness

Published 1910

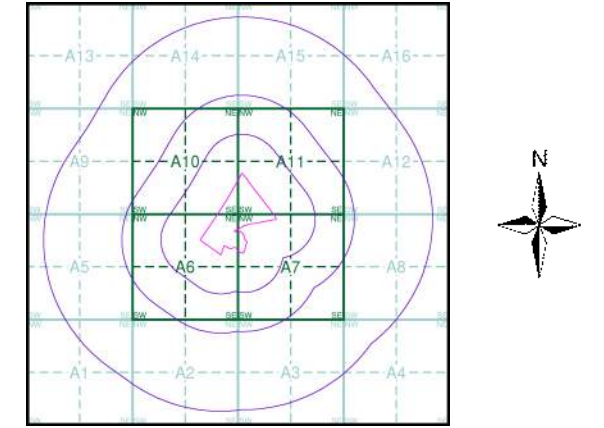
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

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096NW 1910 1:10,560	096NE 1910 1:10,560

Historical Map - Slice A

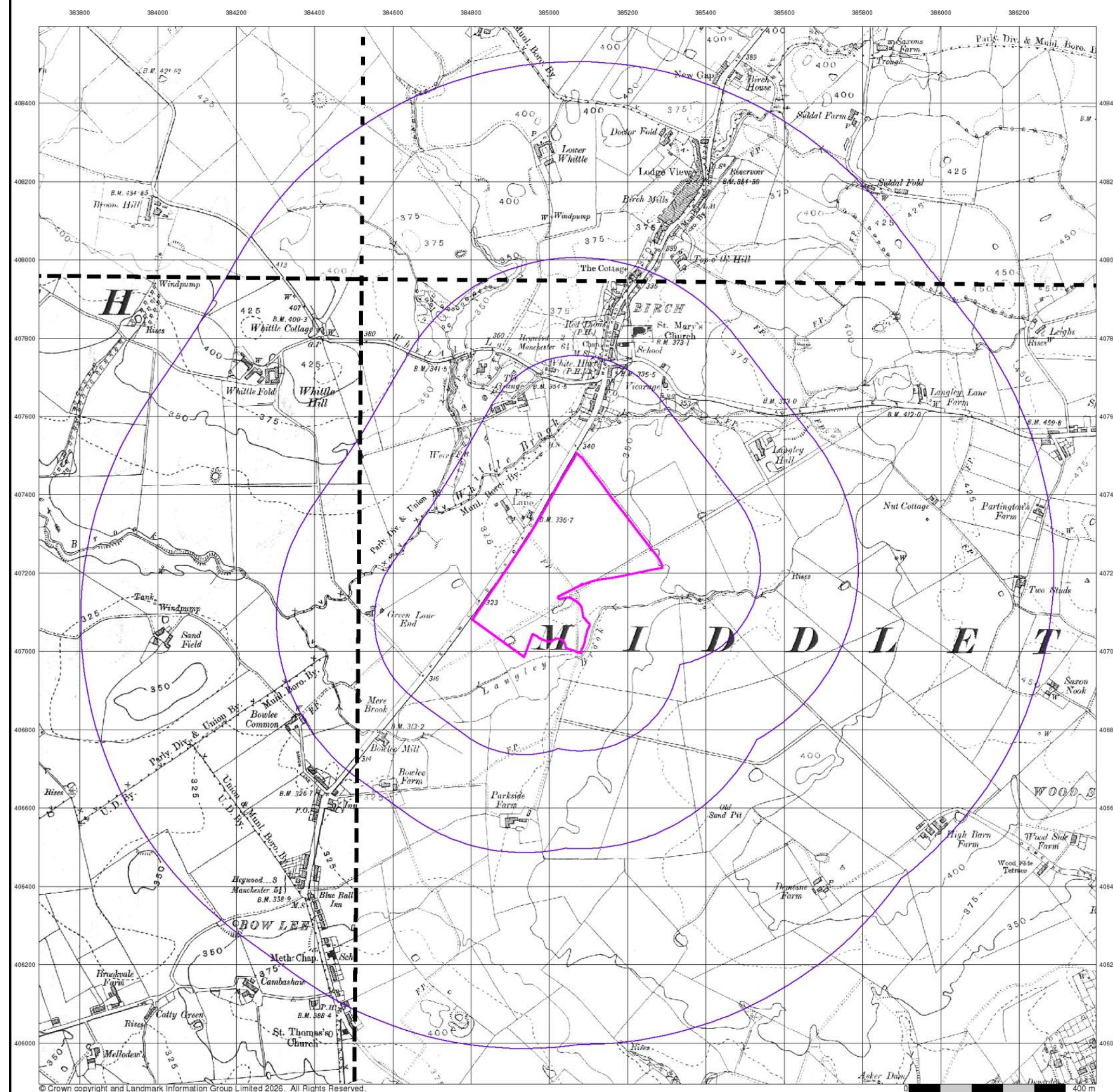


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



Lancashire And Furness

Published 1923 - 1932

Source map scale - 1:10,560

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

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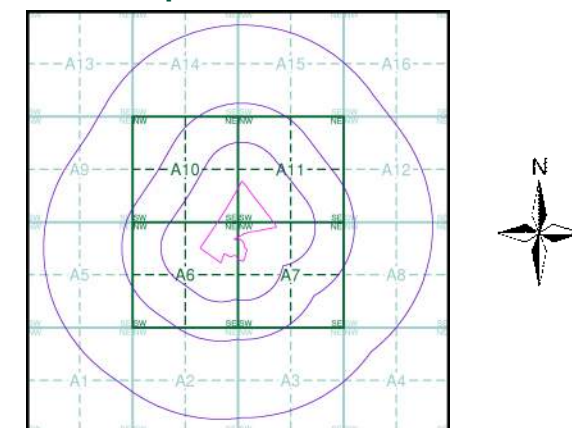
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1:10,560

088SE
1932
1:10,560

096NW
1923
1:10,560

096NE
1923
1:10,560

Historical Map - Slice A

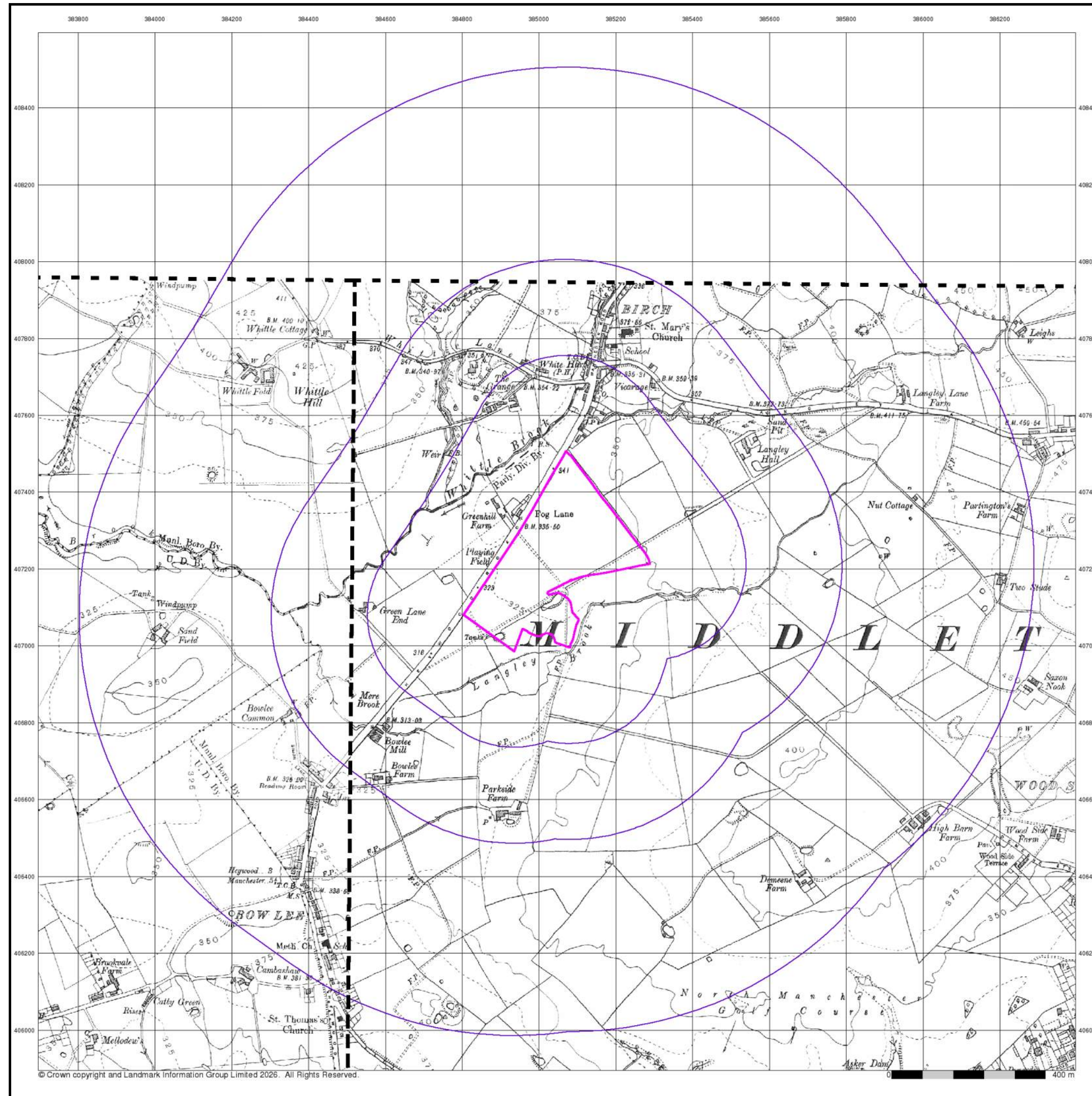


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton,
Manchester, M24 4LA



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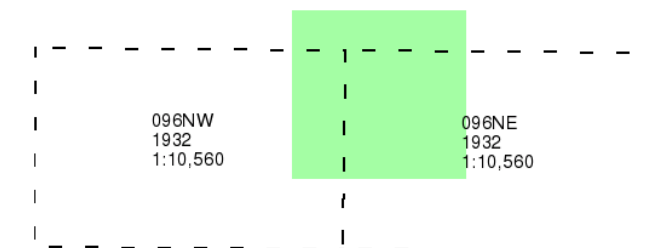
Lancashire And Furness

Published 1932

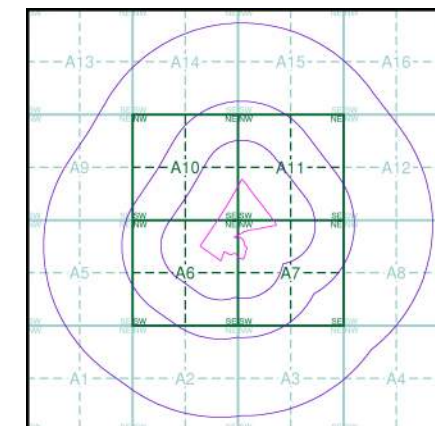
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

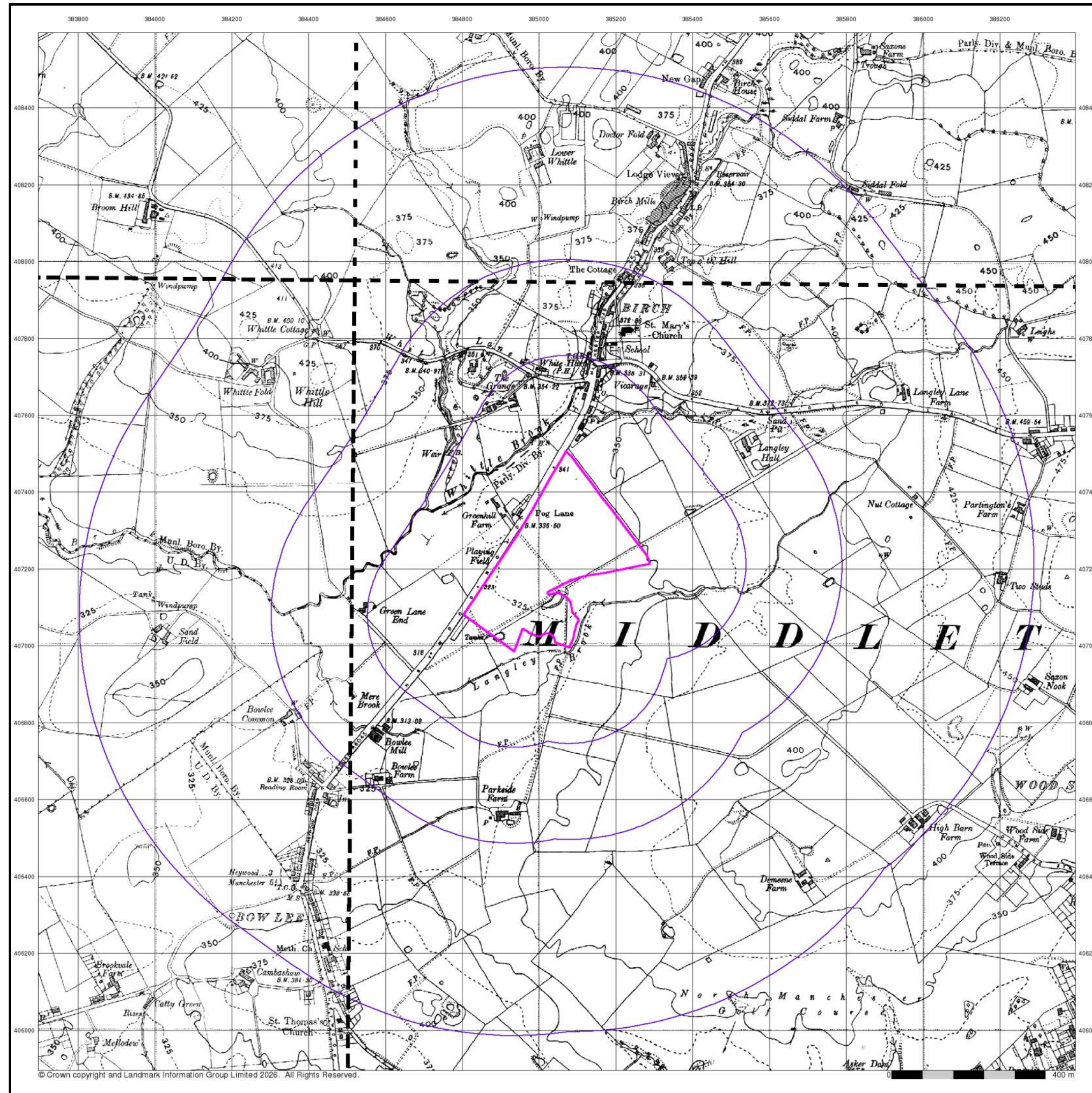
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Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
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Search Buffer (m): 1000

Site Details

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Lancashire And Furness

Published 1938

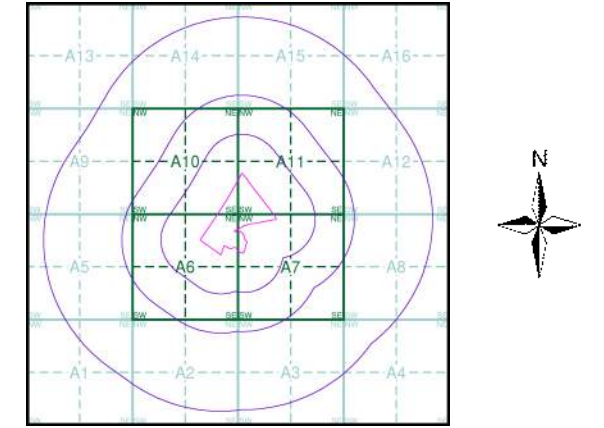
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

Map Name(s) and Date(s)

088SW 1938 1:10,560	088SE 1938 1:10,560
096NW 1938 1:10,560	096NE 1938 1:10,560

Historical Map - Slice A

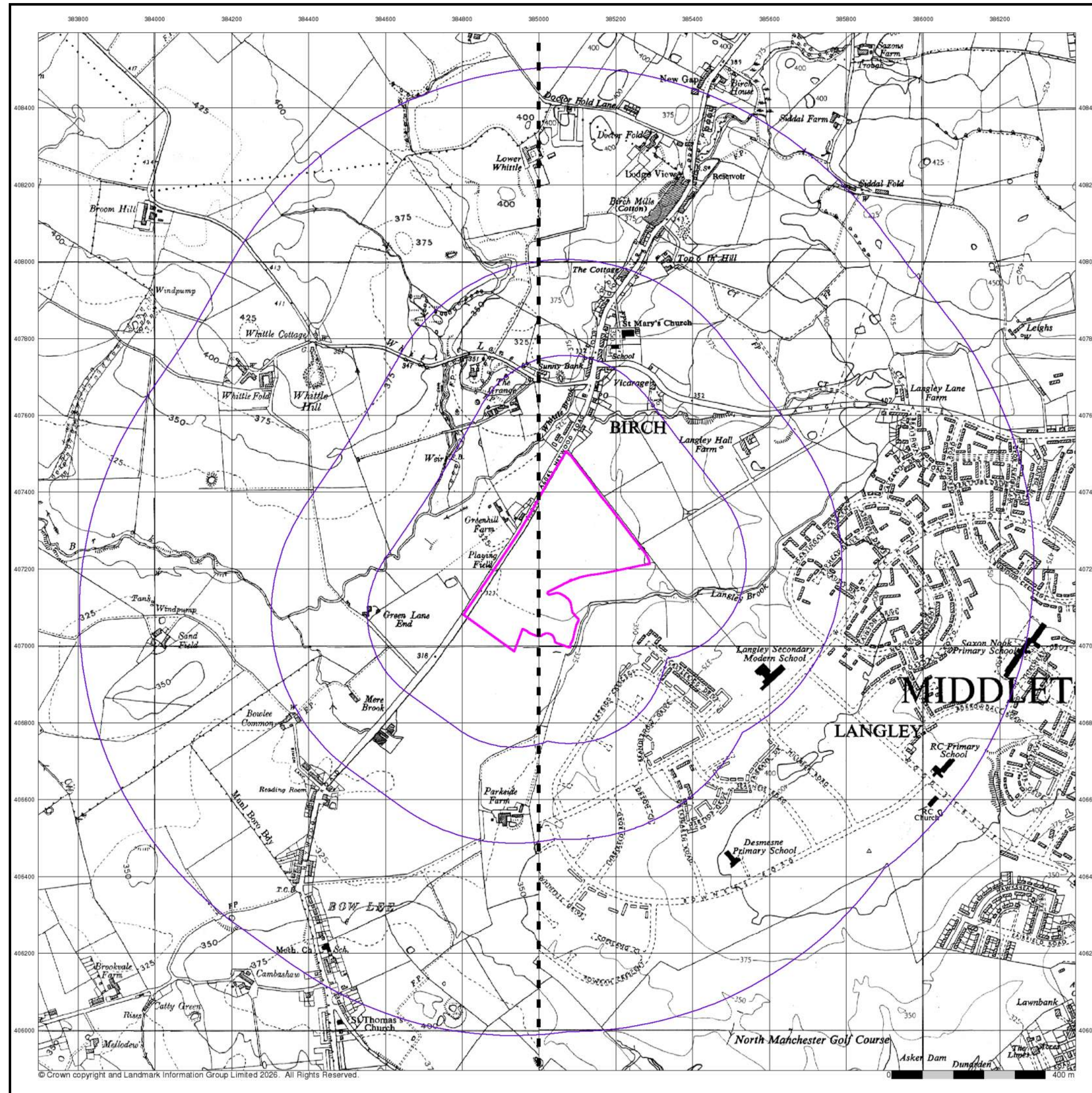


Order Details

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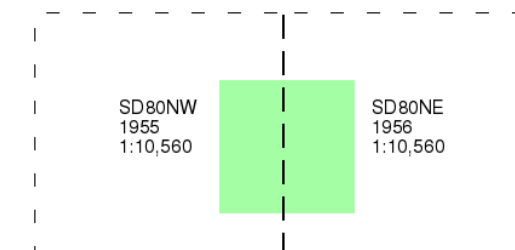
Ordnance Survey Plan

Published 1955 - 1956

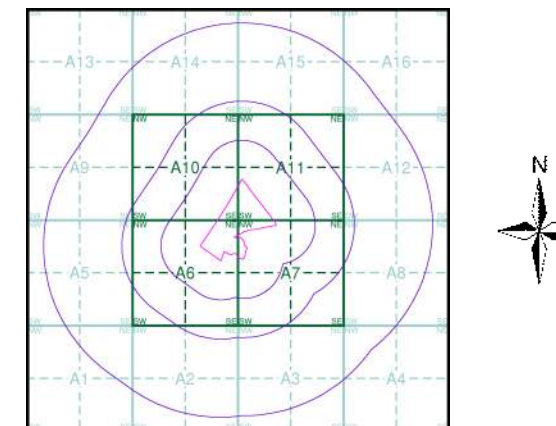
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

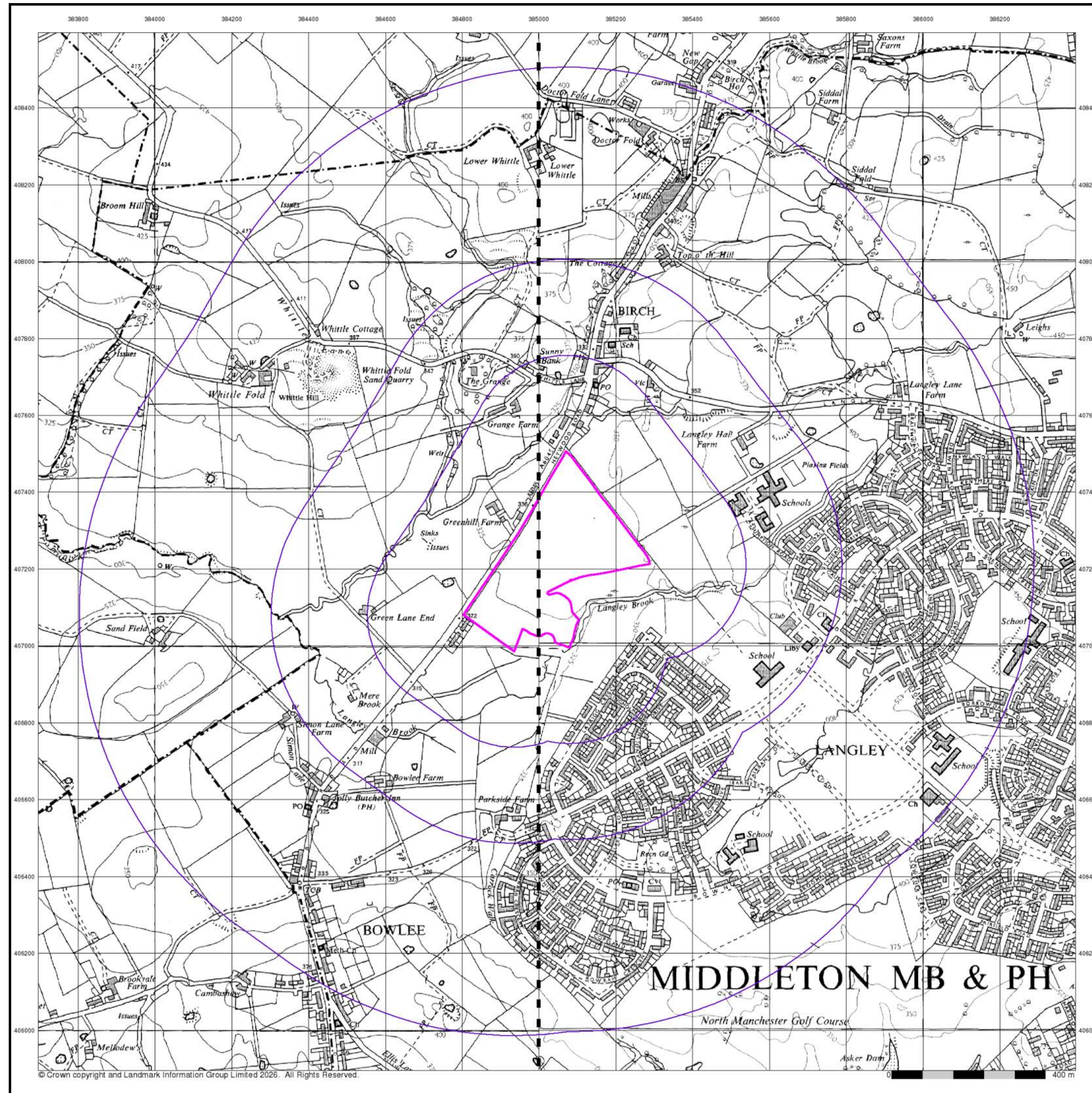
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Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

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Ordnance Survey Plan

Published 1965

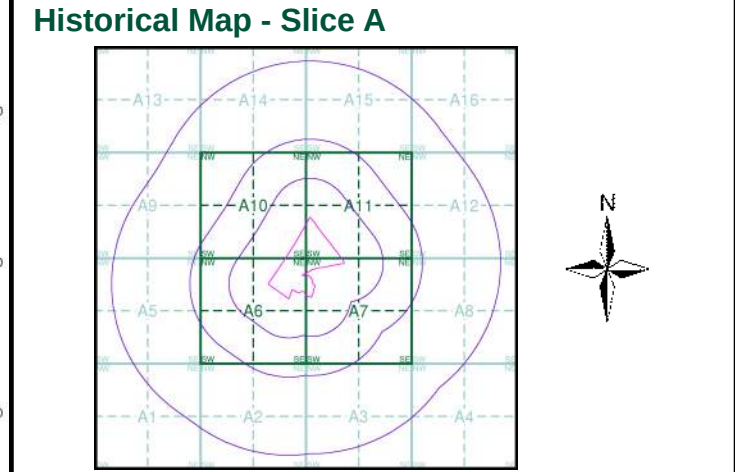
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SD80NW
1965
1:10,560

SD80NE
1965
1:10,560



Order Details

Order Number:

404276436_1_1

Customer Ref:

10-2721

National Grid Reference:

385040, 407220

Slice:

A

Site Area (Ha):

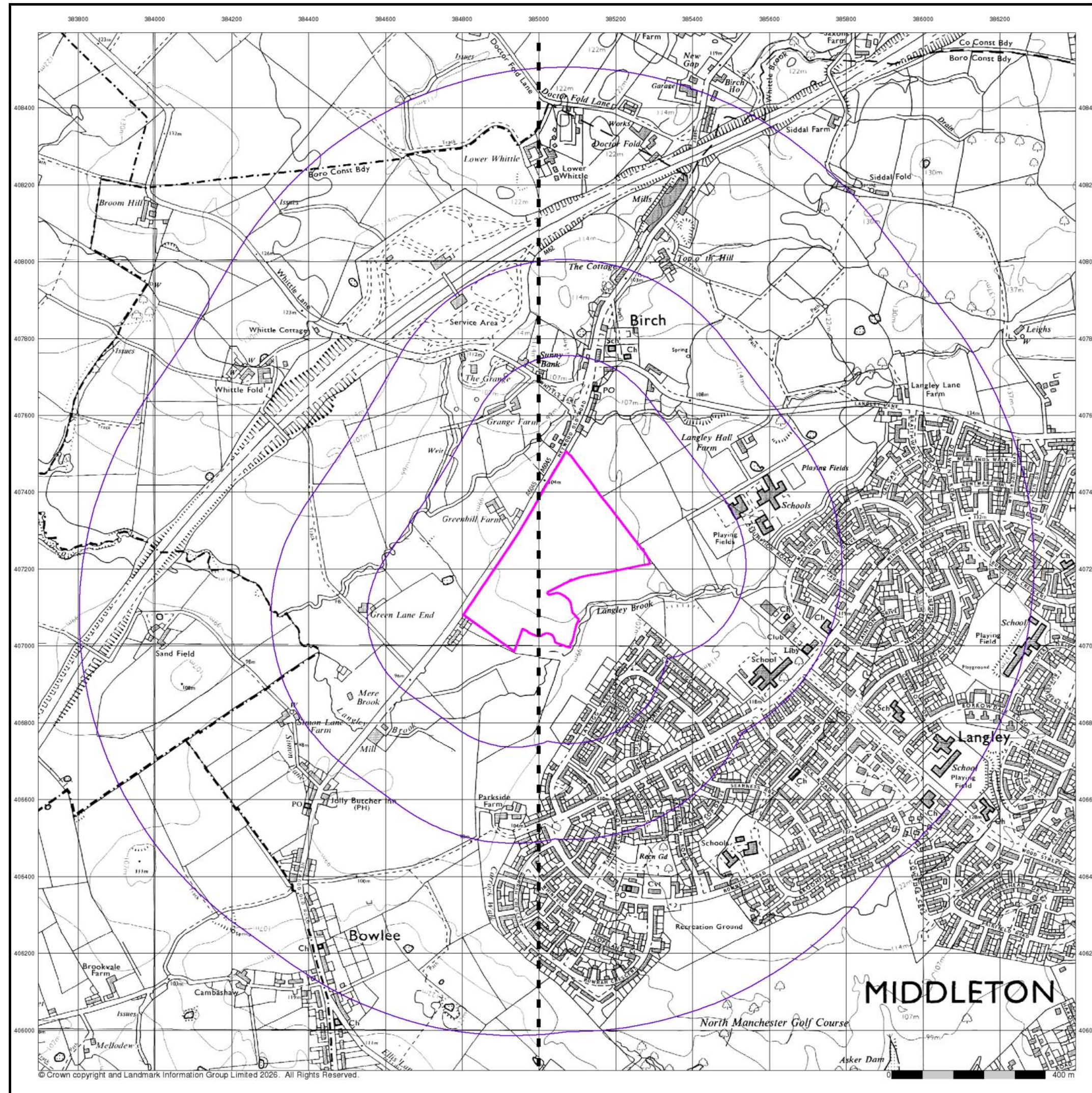
10.86

Search Buffer (m):

1000

Site Details

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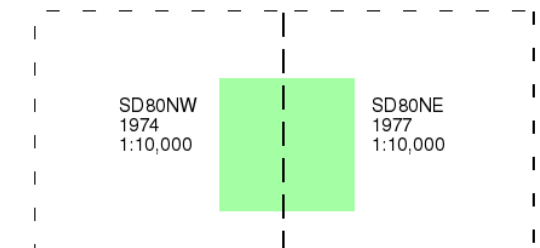
Ordnance Survey Plan

Published 1974 - 1977

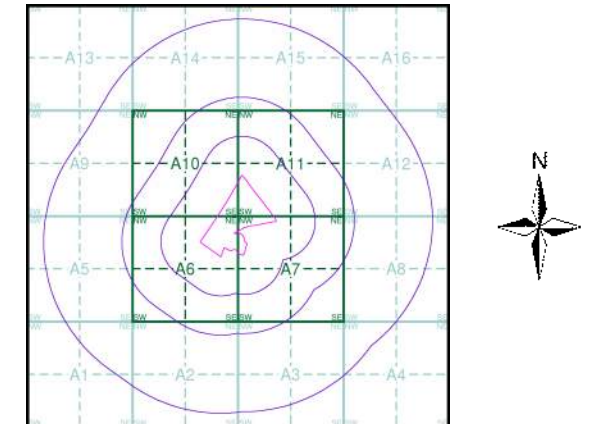
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

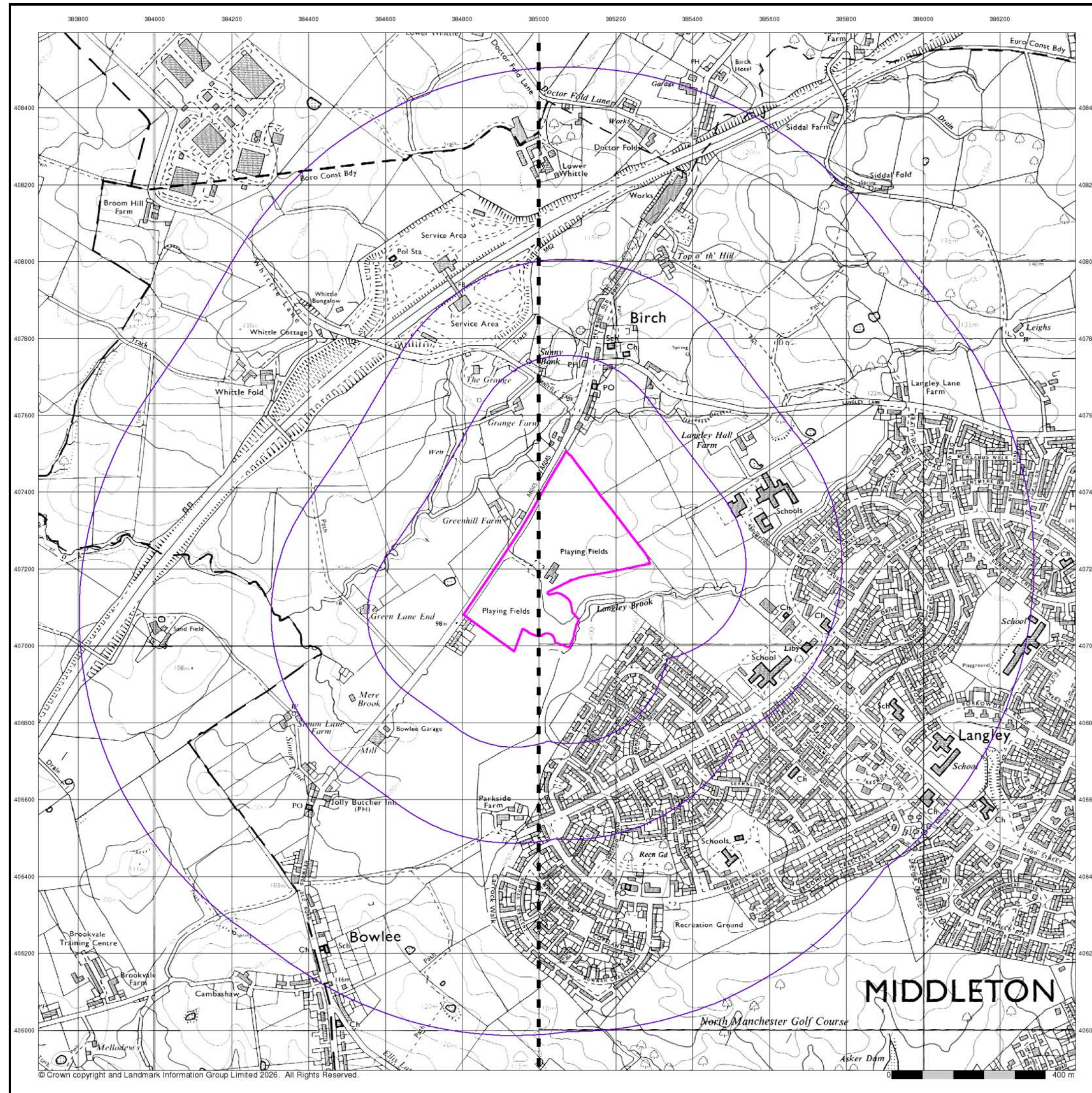
Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
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Site Details

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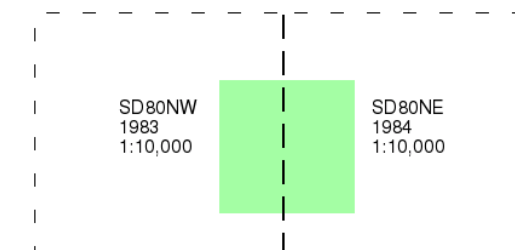
Ordnance Survey Plan

Published 1983 - 1984

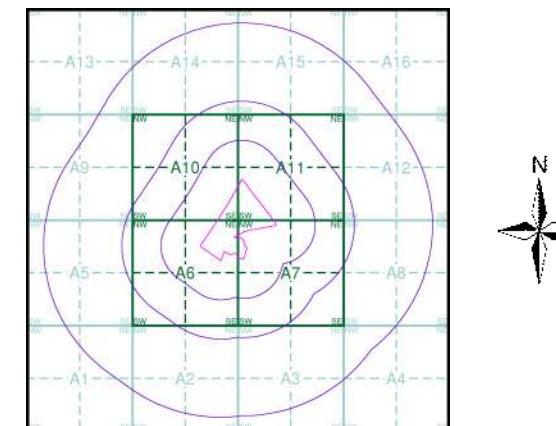
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

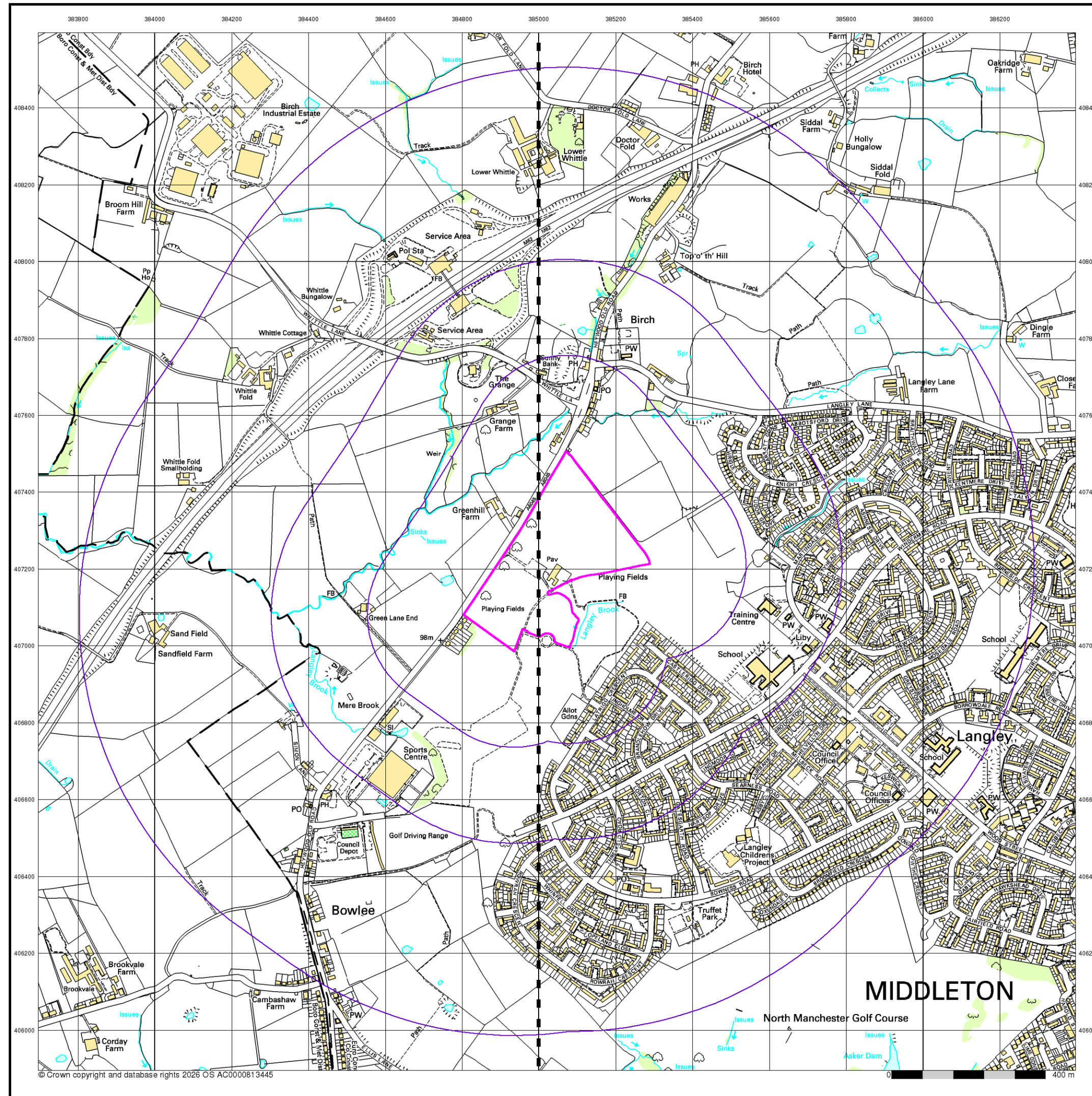


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



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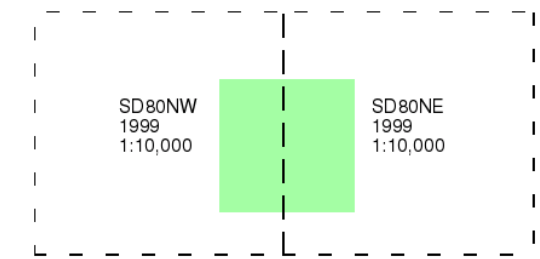
10k Raster Mapping

Published 1999

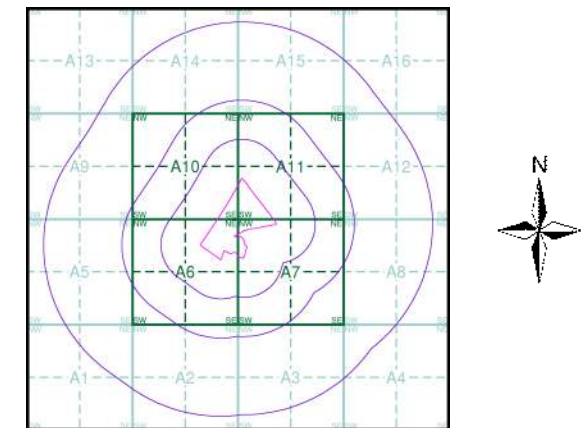
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

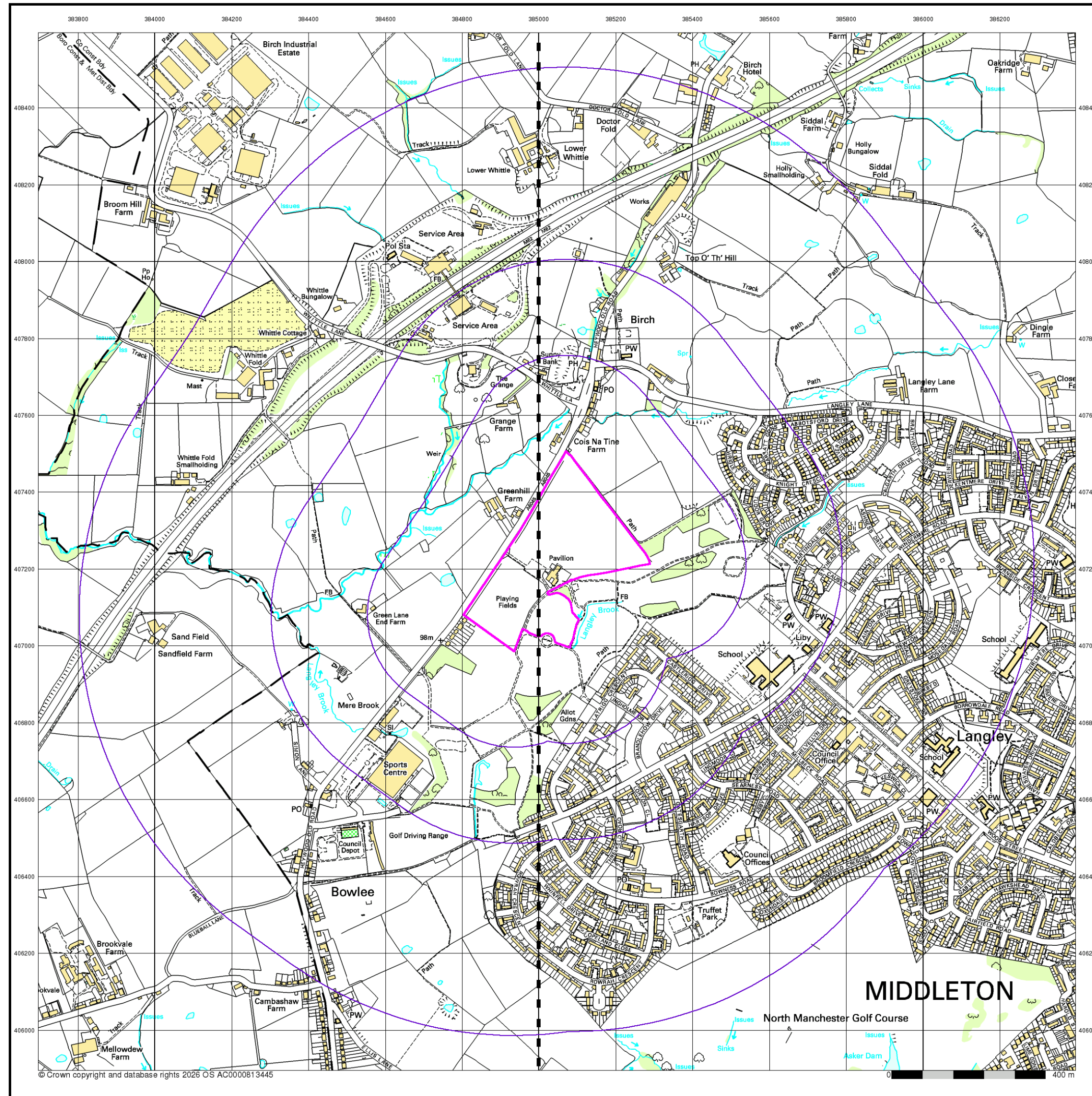


Order Details

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Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
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Site Details

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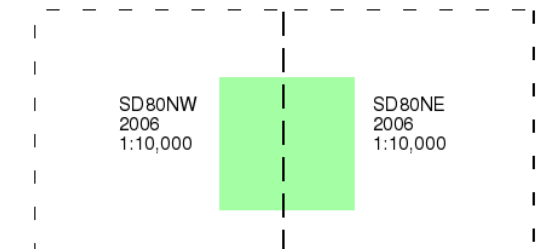
10k Raster Mapping

Published 2006

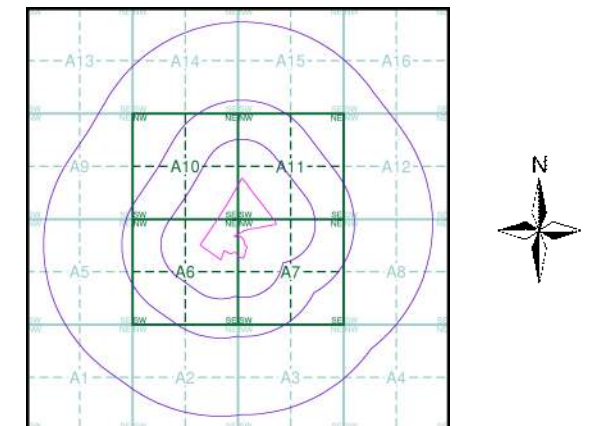
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

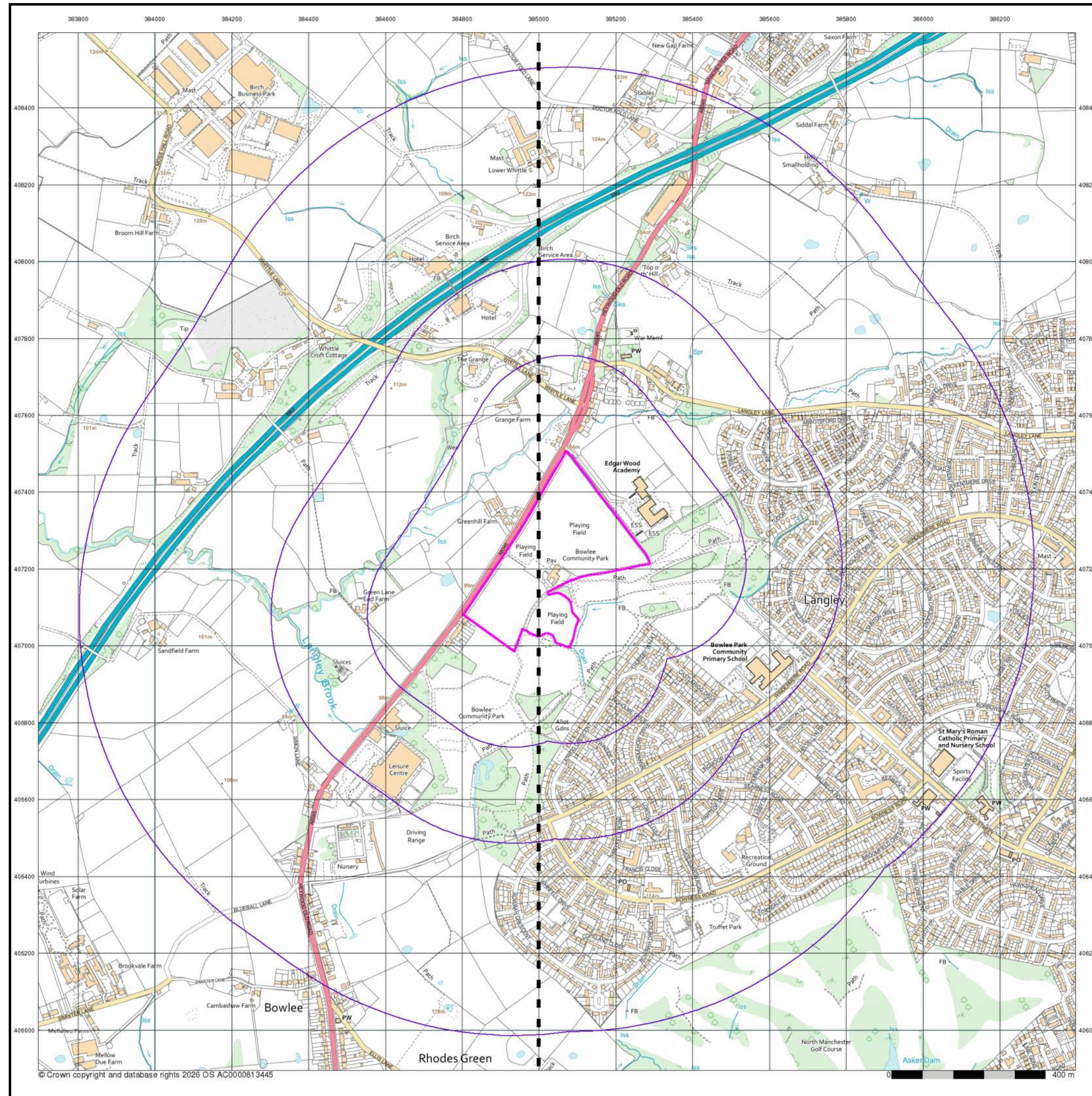


Order Details

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National Grid Reference: 385040, 407220
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Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



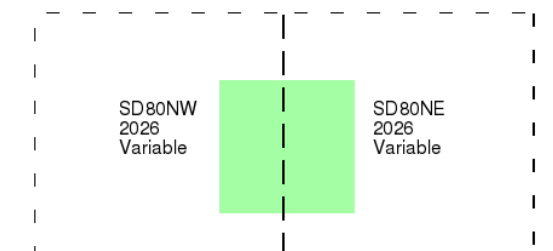
VectorMap Local

Published 2026

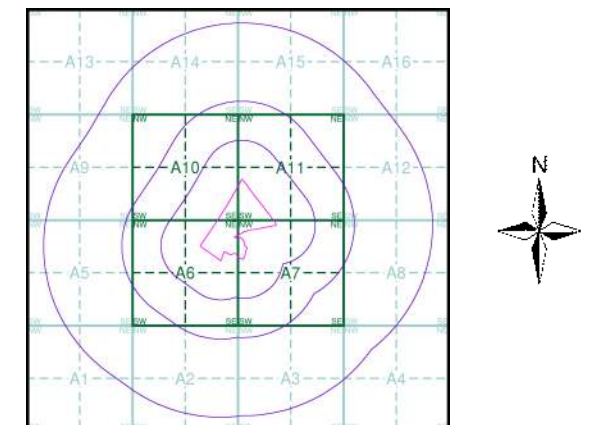
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 404276436_1_1
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National Grid Reference: 385040, 407220
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Site Details

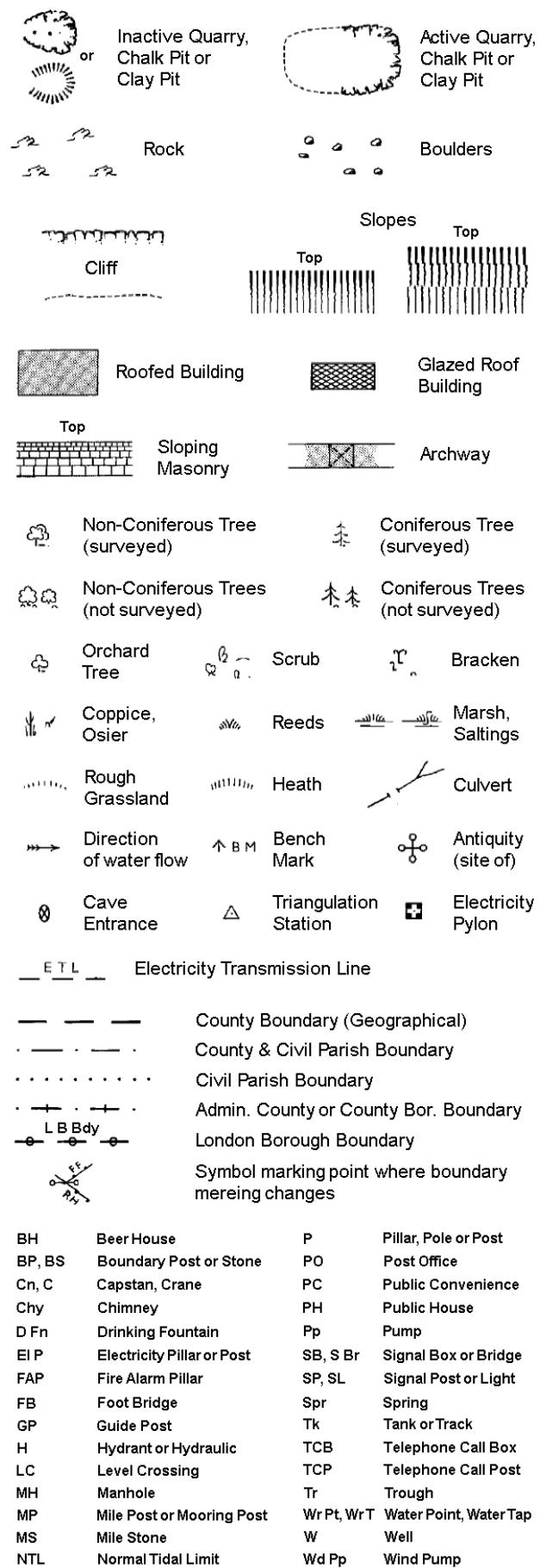
Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

Historical Mapping Legends

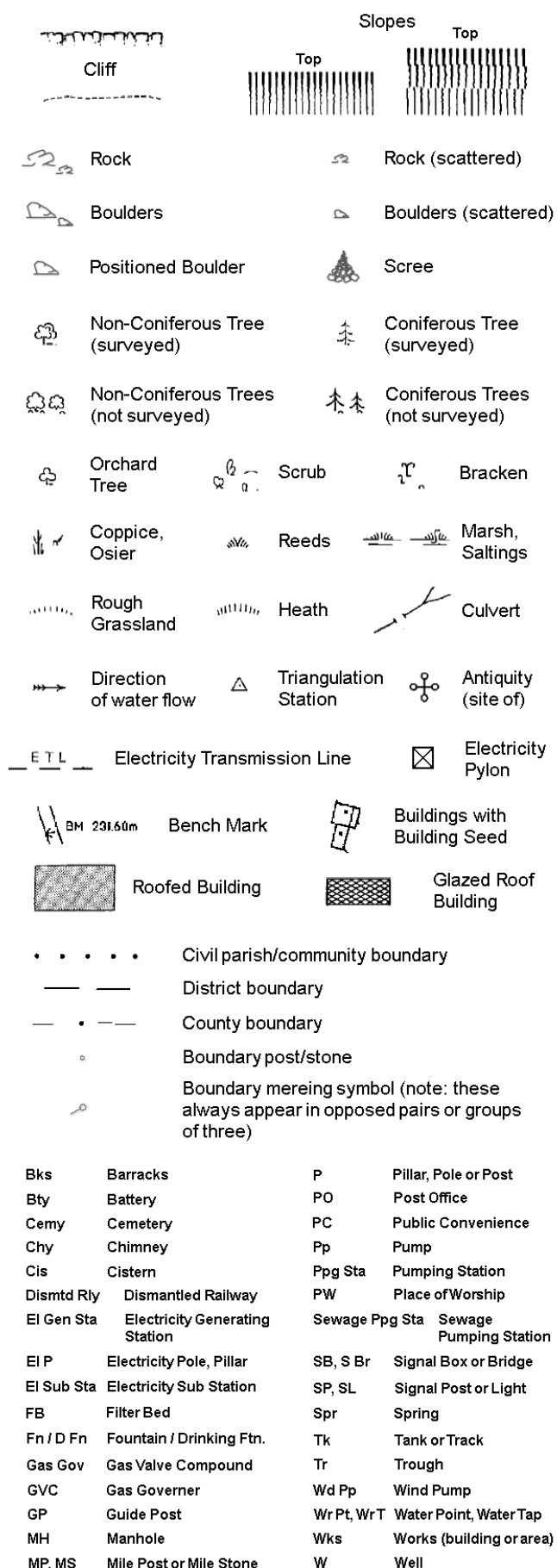
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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



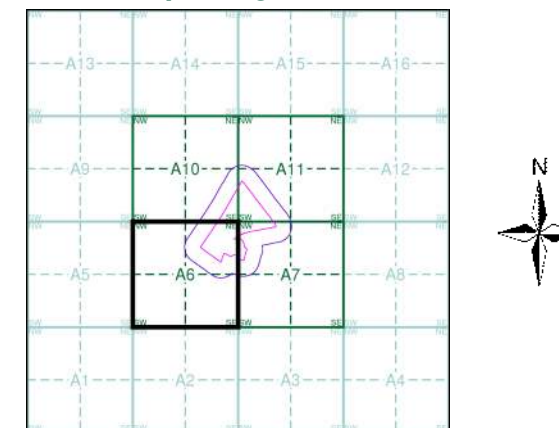
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1891 - 1893	2
Lancashire And Furness	1:2,500	1909	3
Lancashire And Furness	1:2,500	1922 - 1932	4
Ordnance Survey Plan	1:2,500	1955 - 1956	5
Ordnance Survey Plan	1:1,250	1955	6
Ordnance Survey Plan	1:1,250	1960	7
Ordnance Survey Plan	1:2,500	1968 - 1978	8
Supply of Unpublished Survey Information	1:1,250	1974 - 1975	9
Supply of Unpublished Survey Information	1:1,250	1975	10
Additional SIMs	1:1,250	1984 - 1991	11
Large-Scale National Grid Data	1:2,500	1992	12
Large-Scale National Grid Data	1:1,250	1992	13
Historical Aerial Photography	1:2,500	2000	14

Historical Map - Segment A6



Order Details

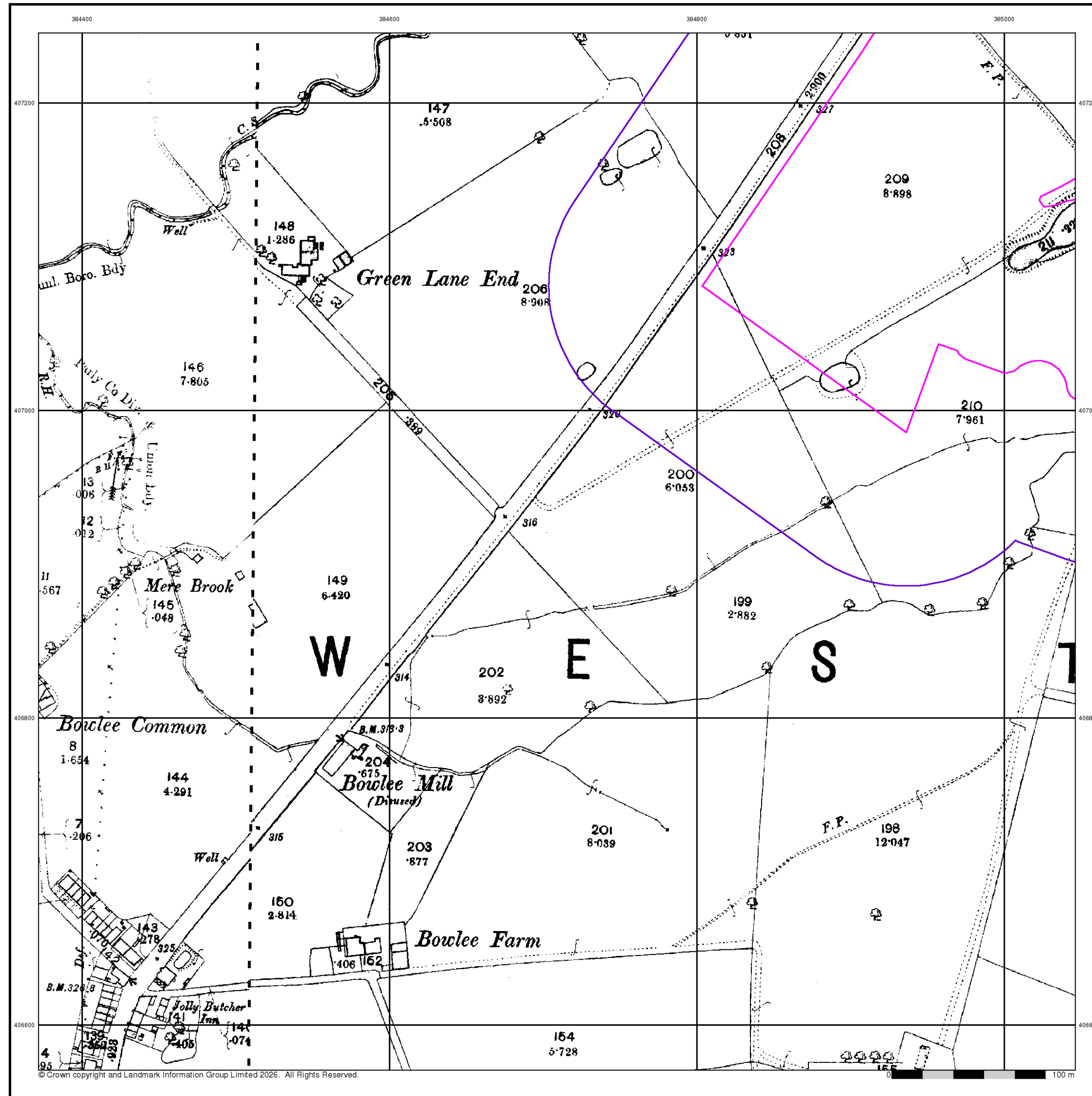
Order Number: 404276436_1_1
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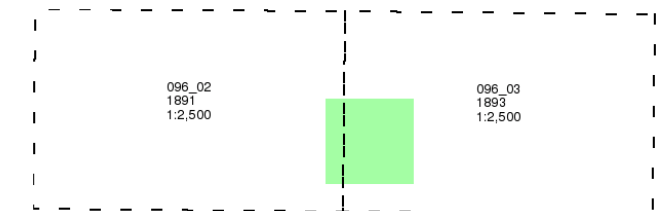
Lancashire And Furness

Published 1891 - 1893

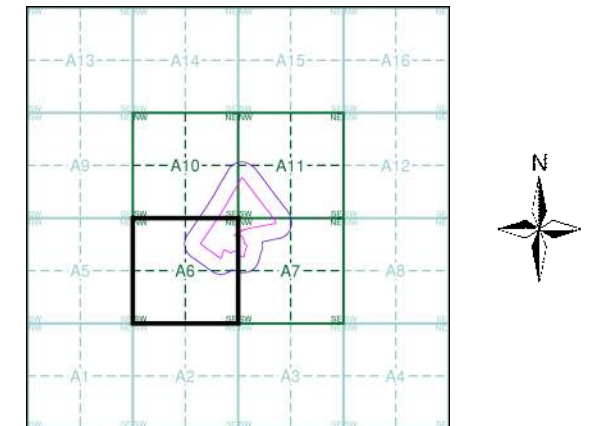
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A6

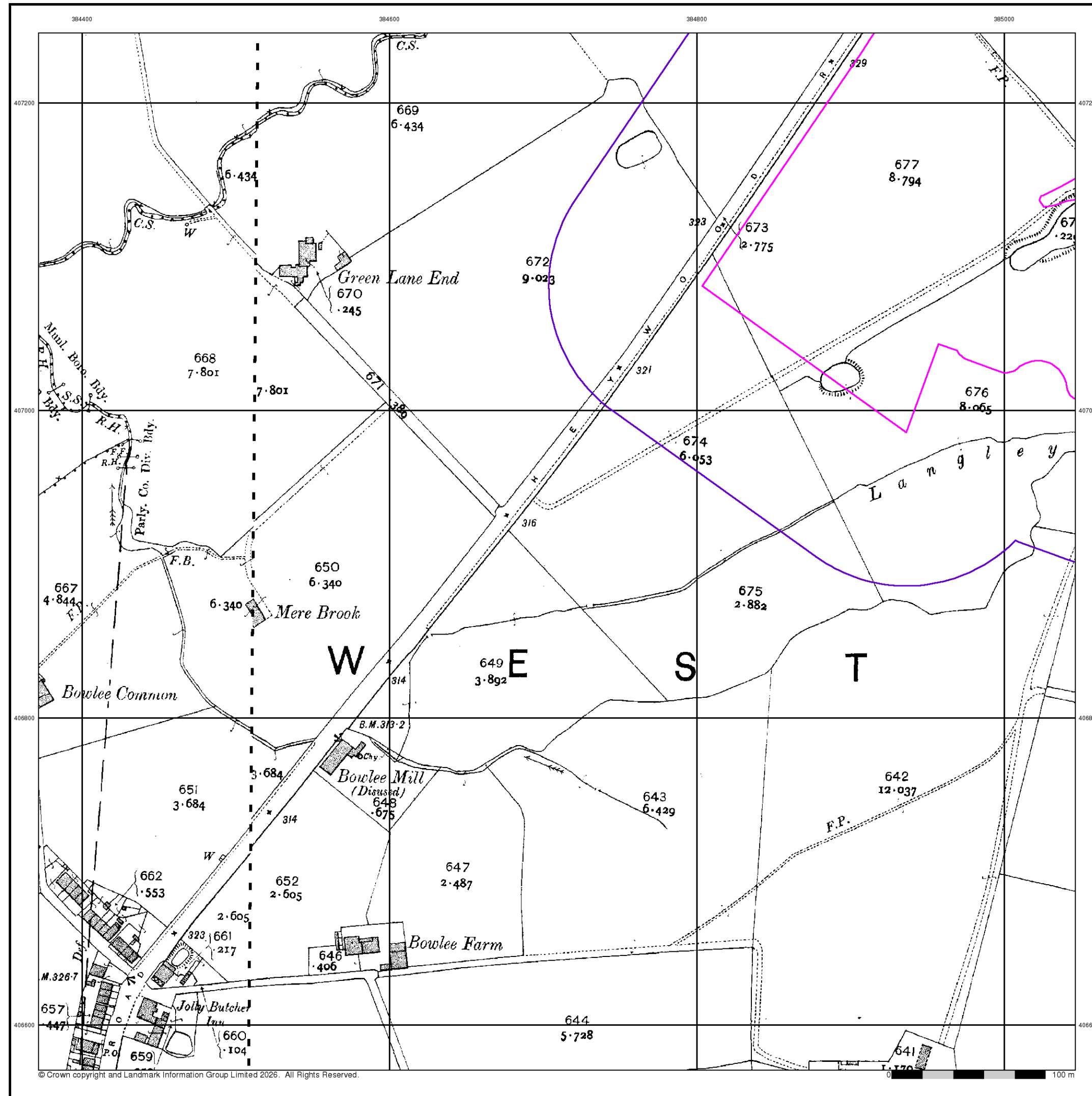


Order Details

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Site Details

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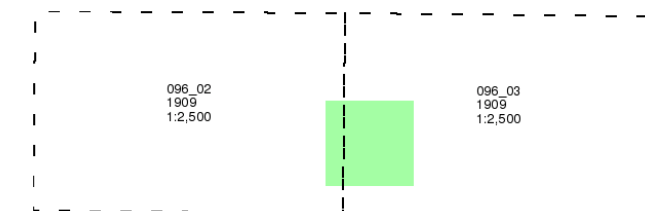
Lancashire And Furness

Published 1909

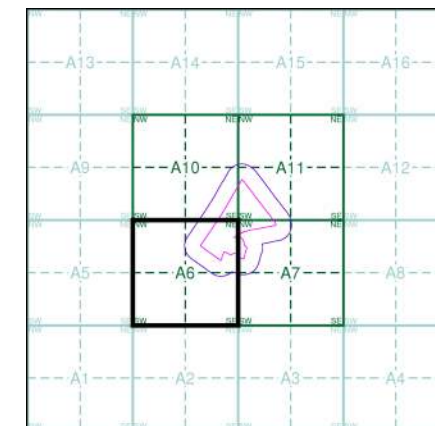
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Map Name(s) and Date(s)



Historical Map - Segment A6



Order Details

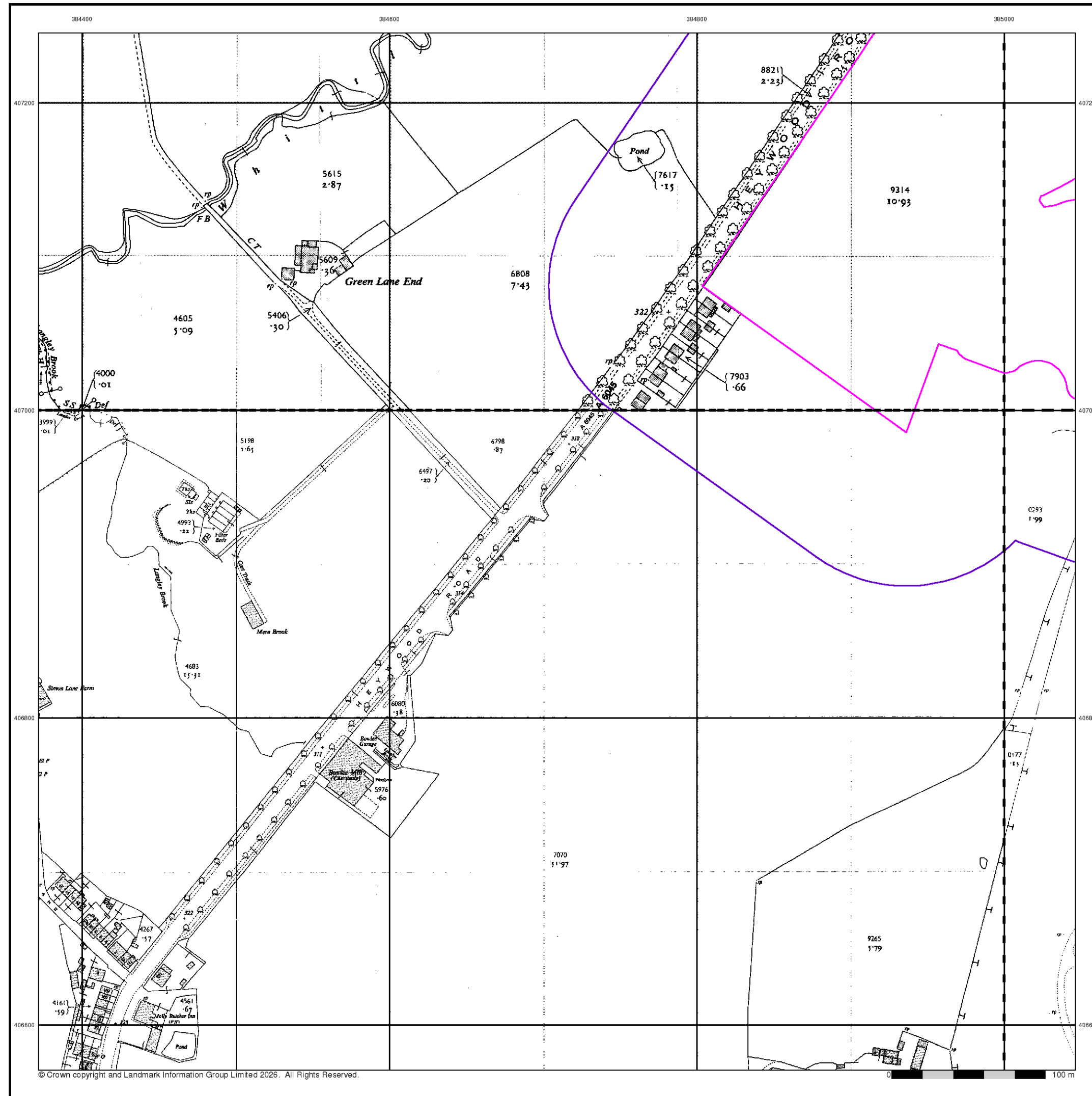
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Ordnance Survey Plan

Published 1955 - 1956

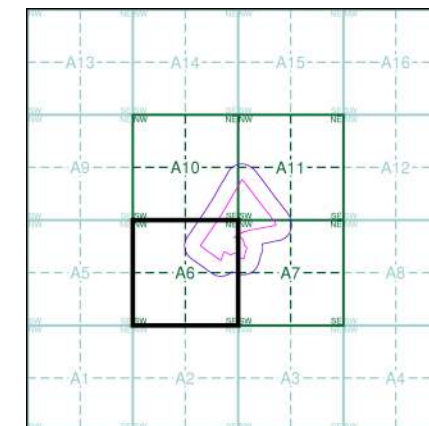
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Map Name(s) and Date(s)

SD8407 1956 1:2,500	SD8507 1955 1:2,500
SD8406 1955 1:2,500	SD8506 1955 1:2,500

Historical Map - Segment A6

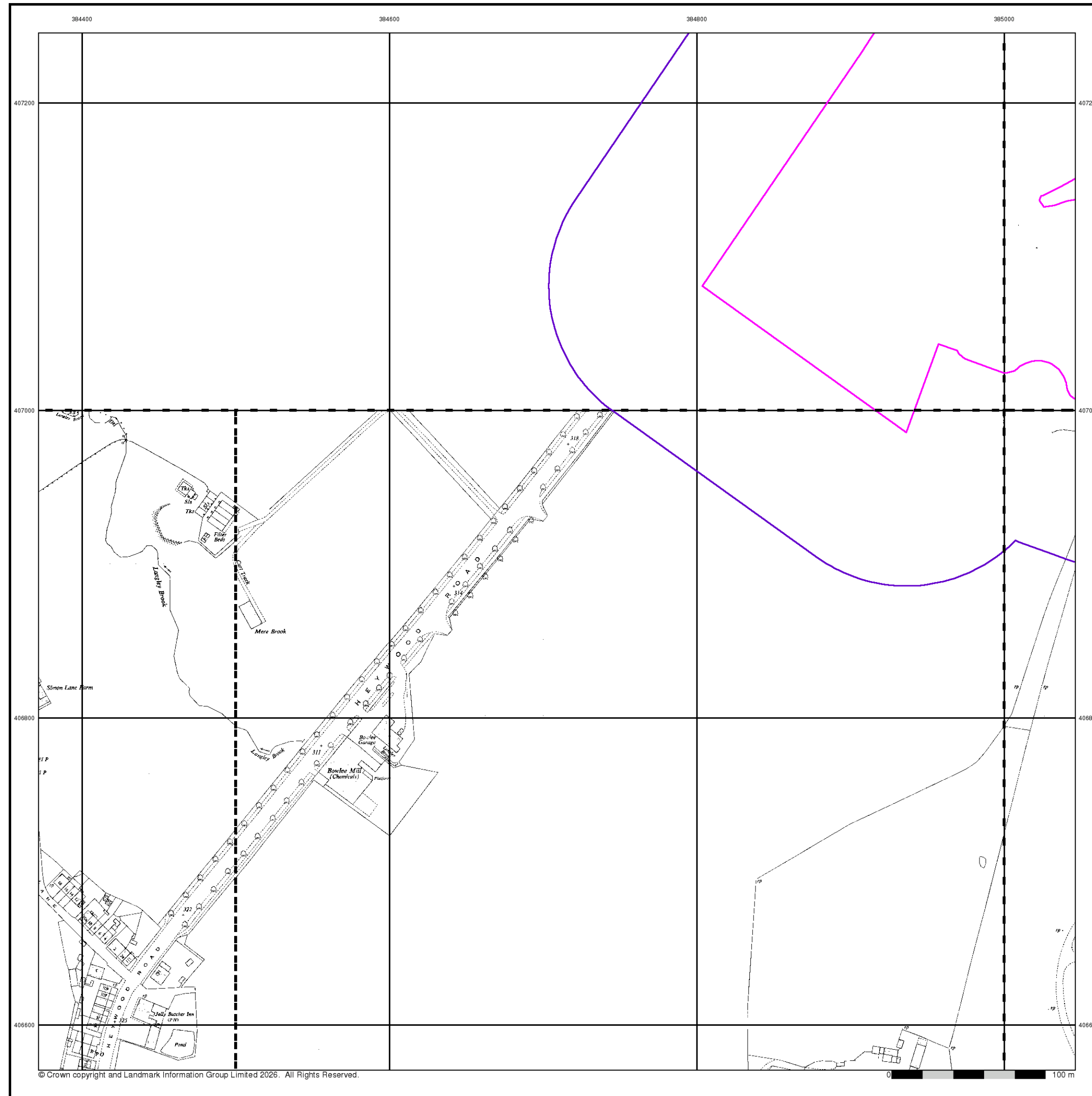


Order Details

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Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



Ordnance Survey Plan

Published 1955

Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD8406NW
1955
1:1,250

SD8406NE
1955
1:1,250

SD8506NW
1955
1:1,250

SD8507SW
1955
1:1,250

Historical Map - Segment A6

Order Details

Order Number: 404276436_1_1

Customer Ref: 10-2721

National Grid Reference: 385040, 407220

Slice: A

Site Area (Ha): 10.86

Search Buffer (m): 100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



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Ordnance Survey Plan

Published 1960

Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD8406NE
1960
1:1,250

SD8506NW
1960
1:1,250

Historical Map - Segment A6

Order Details

Order Number:	404276436_1_1
Customer Ref:	10-2721
National Grid Reference:	385040, 407220
Slice:	A
Site Area (Ha):	10.86
Search Buffer (m):	100

Site Details

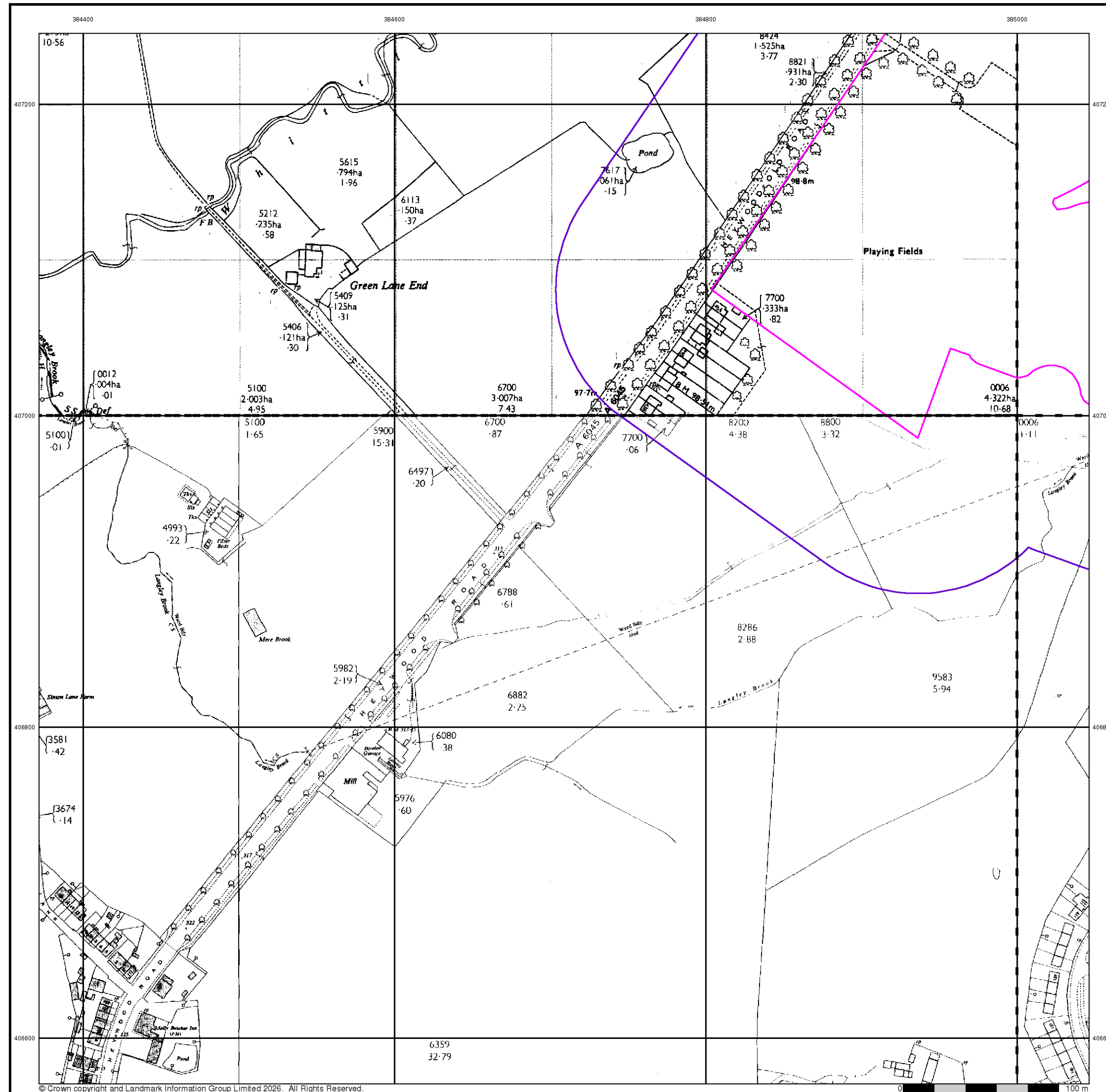
Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

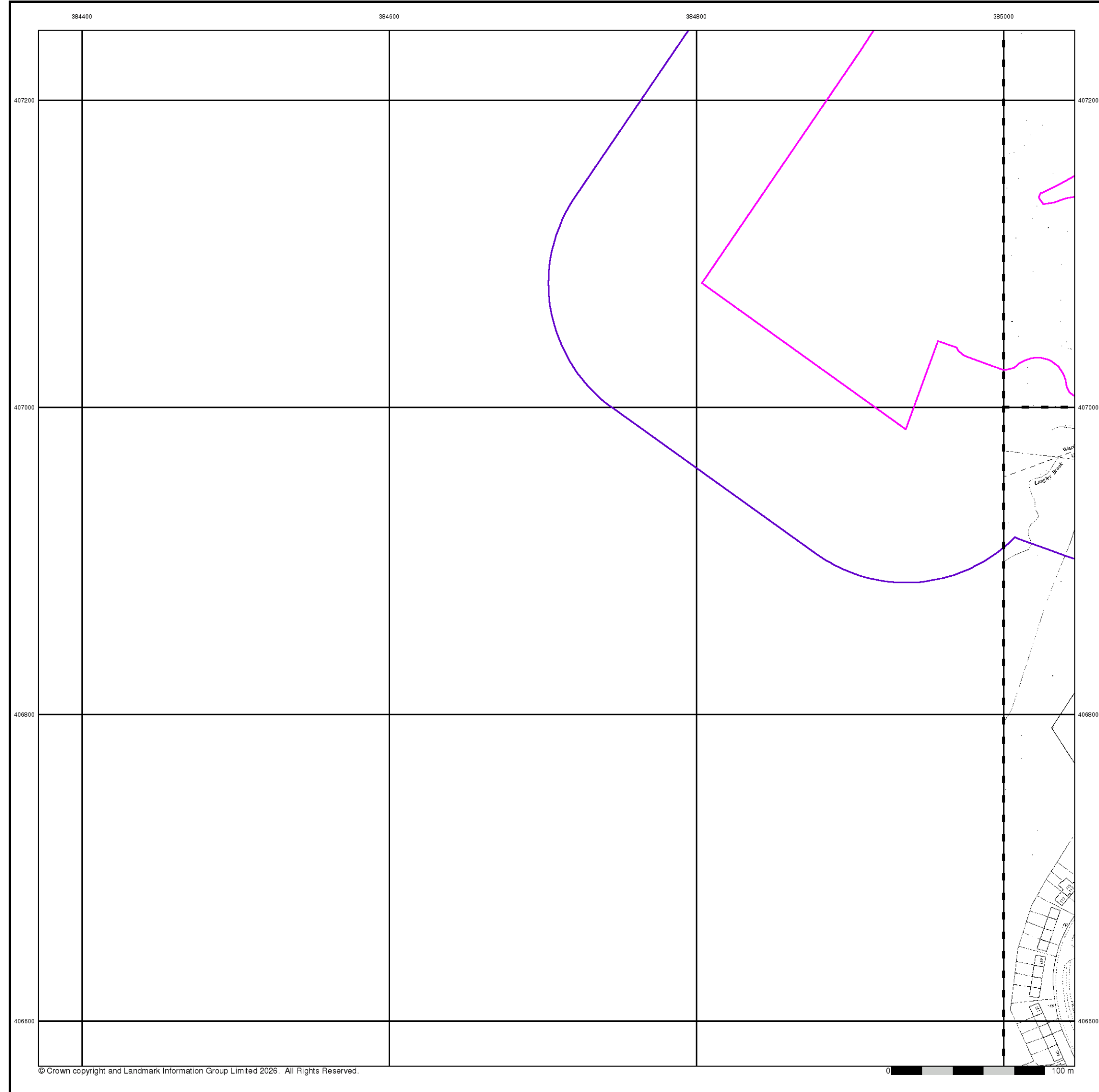
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Supply of Unpublished Survey Information

Published 1974 - 1975

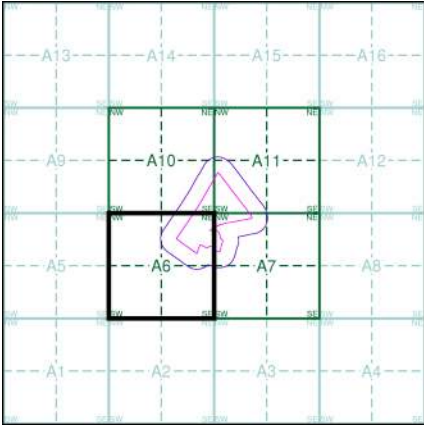
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD8507SW
1974
1:1,250
SD8506NW
1975
1:1,250

Historical Map - Segment A6

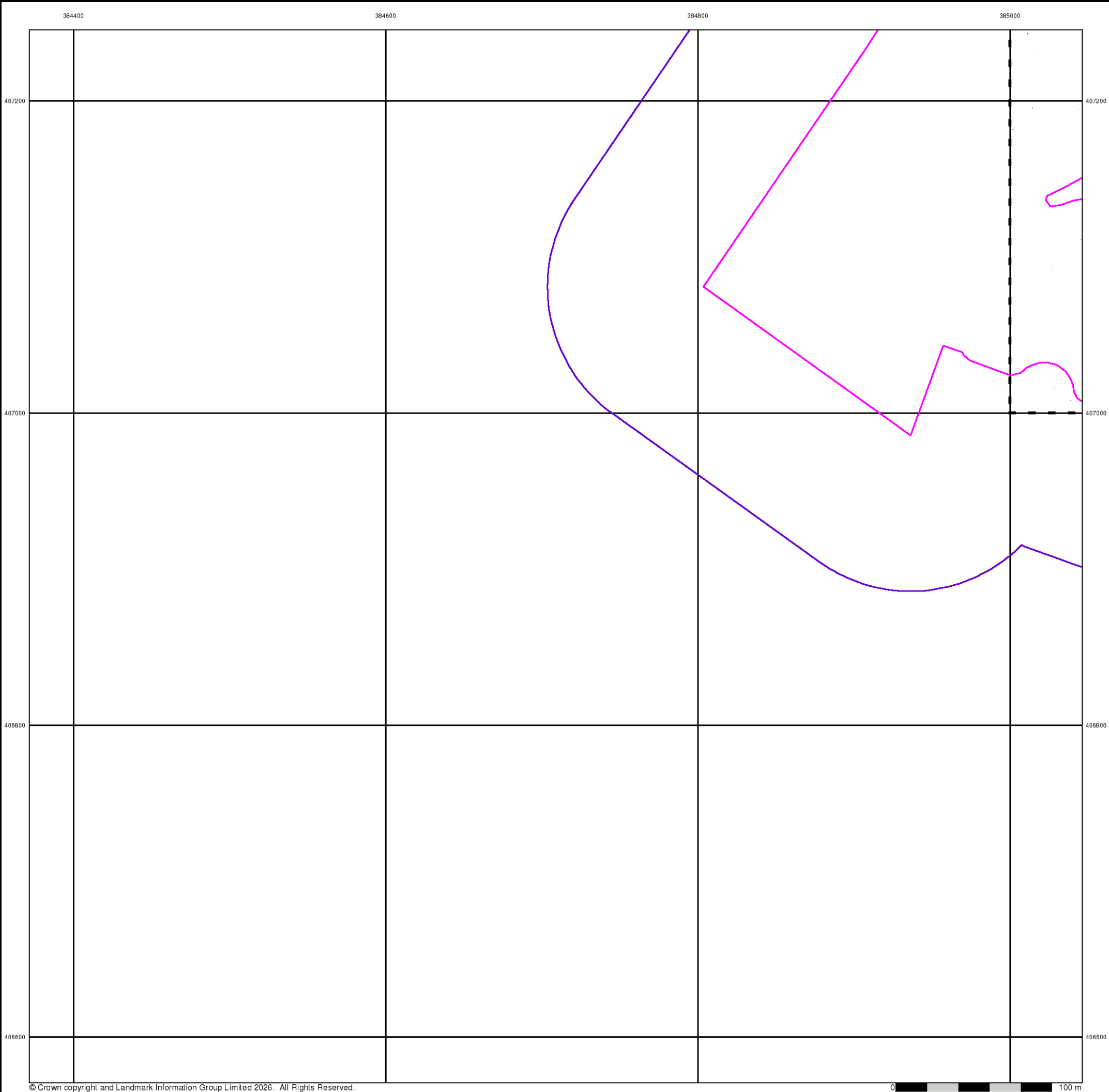


Order Details

Order Number:	404276436_1_1
Customer Ref:	10-2721
National Grid Reference:	385040, 407220
Slice:	A
Site Area (Ha):	10.86
Search Buffer (m):	100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



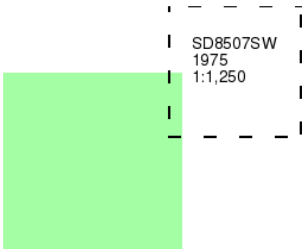
Supply of Unpublished Survey Information

Published 1975

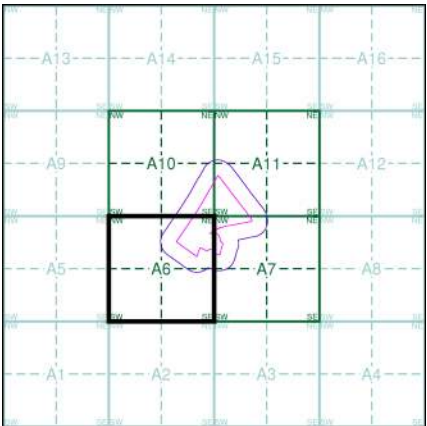
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A6



Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



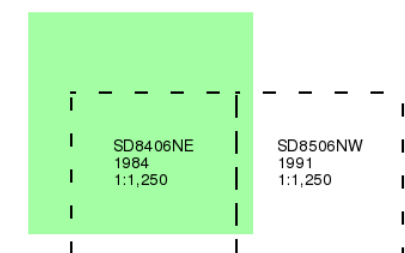
Additional SIMs

Published 1984 - 1991

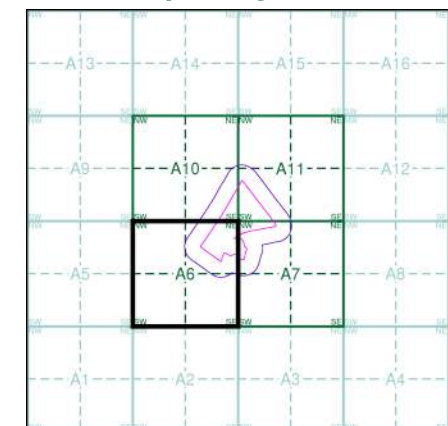
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A6

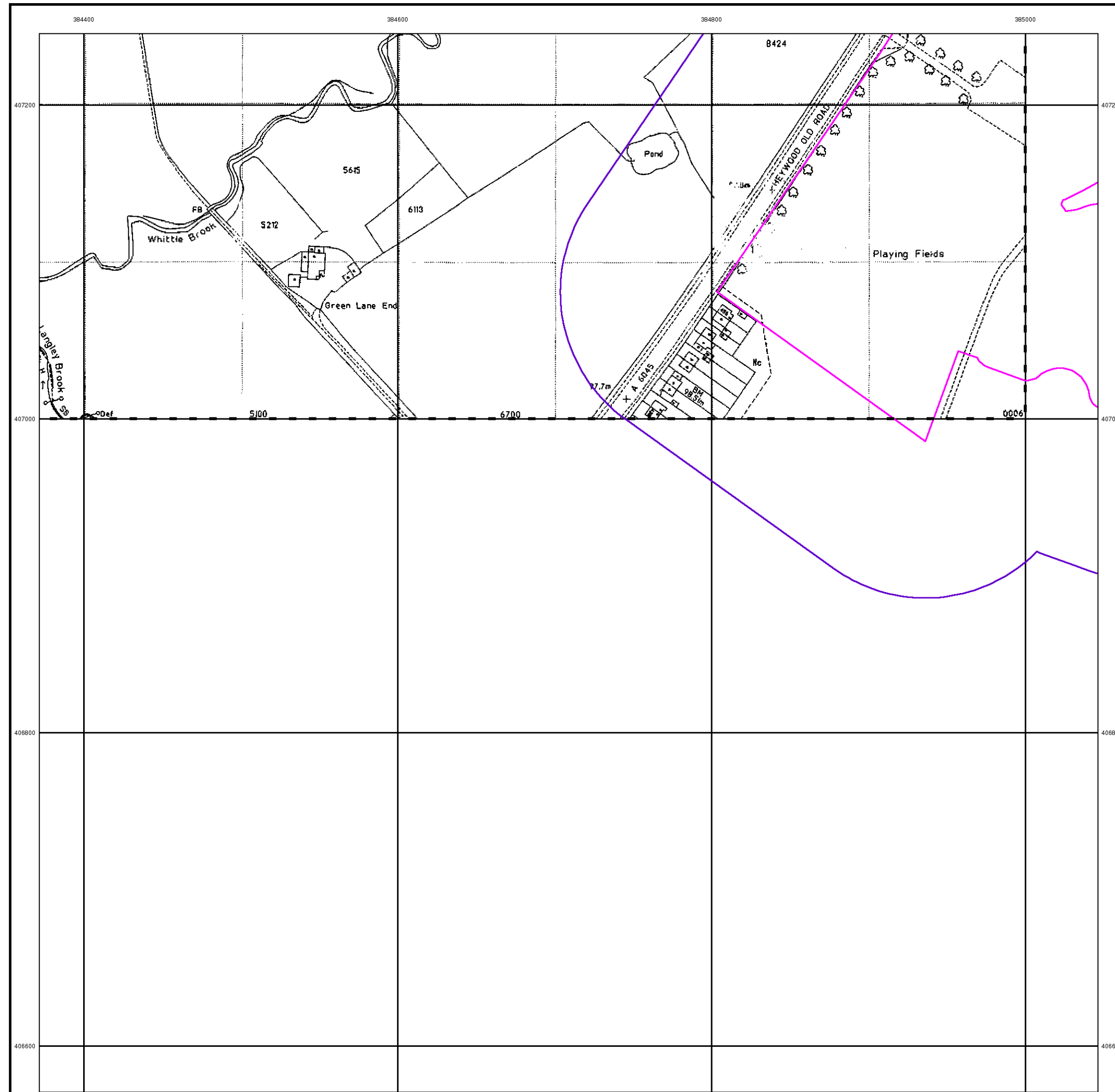


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

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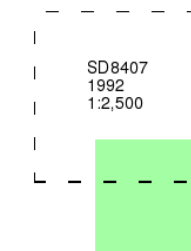
Large-Scale National Grid Data

Published 1992

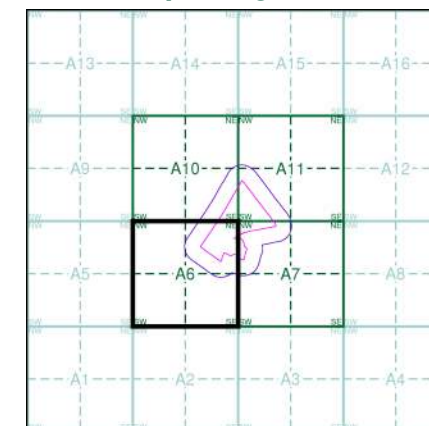
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A6

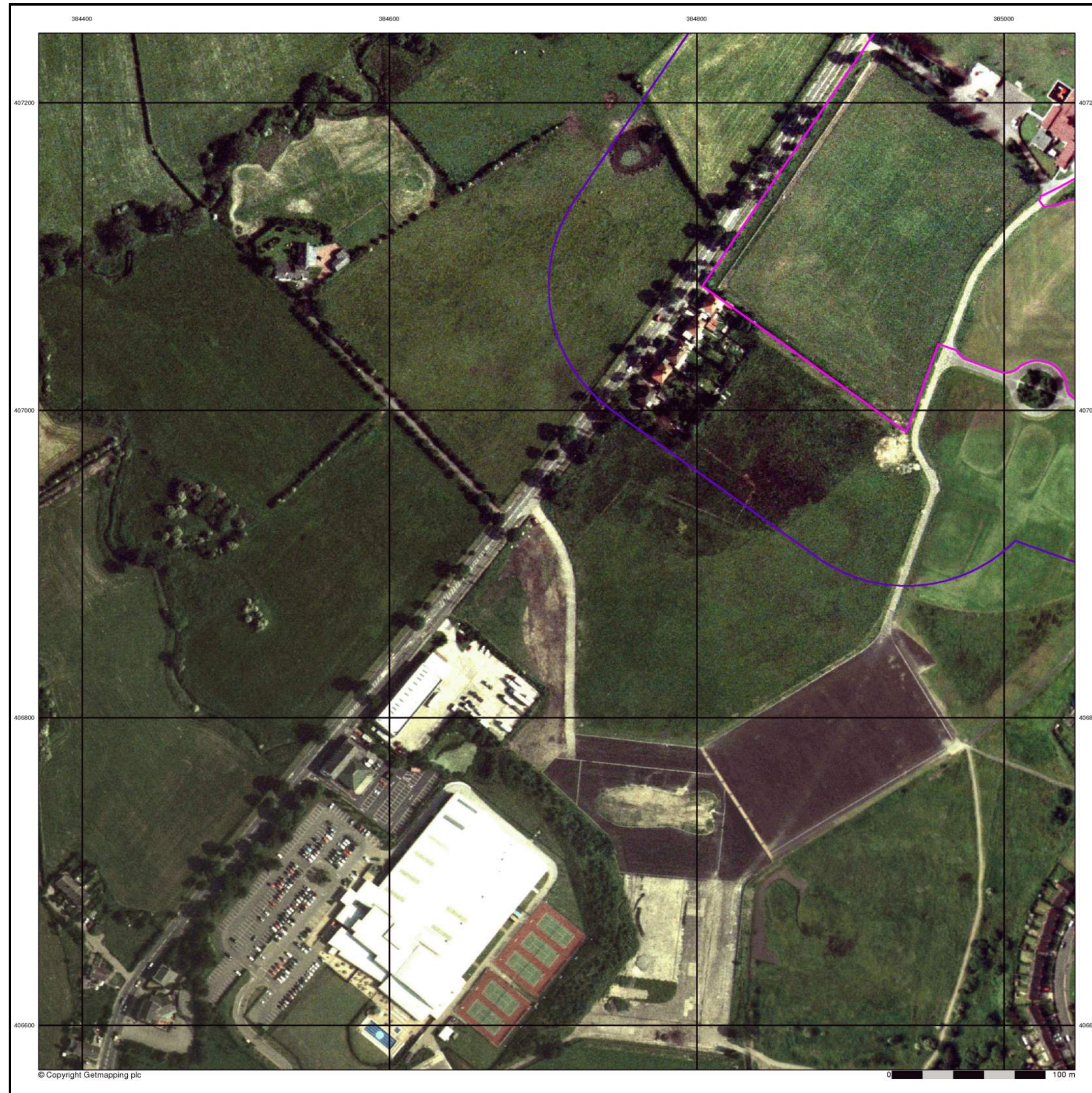


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

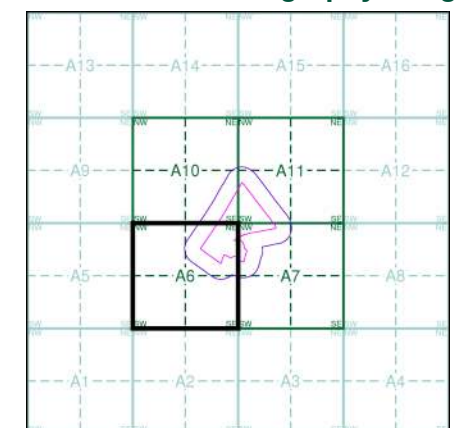


Historical Aerial Photography

Published 2000

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

Historical Aerial Photography - Segment A6



Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

Historical Mapping Legends

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



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



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



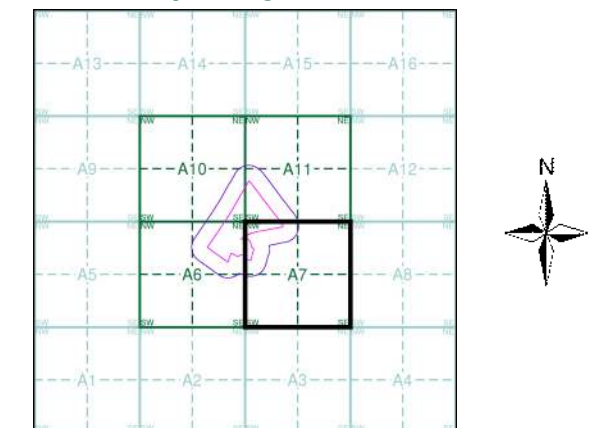
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1909	3
Lancashire And Furness	1:2,500	1922	4
Ordnance Survey Plan	1:1,250	1955	5
Ordnance Survey Plan	1:2,500	1955	6
Ordnance Survey Plan	1:1,250	1960 - 1966	7
Ordnance Survey Plan	1:2,500	1968	8
Supply of Unpublished Survey Information	1:1,250	1974 - 1975	9
Supply of Unpublished Survey Information	1:1,250	1975	10
Additional SIMs	1:1,250	1983 - 1991	11
Large-Scale National Grid Data	1:1,250	1992	12
Large-Scale National Grid Data	1:1,250	1993 - 1994	13
Large-Scale National Grid Data	1:1,250	1994	14
Large-Scale National Grid Data	1:1,250	1995	15
Large-Scale National Grid Data	1:1,250	1996	16
Historical Aerial Photography	1:2,500	2000	17

Historical Map - Segment A7



Order Details

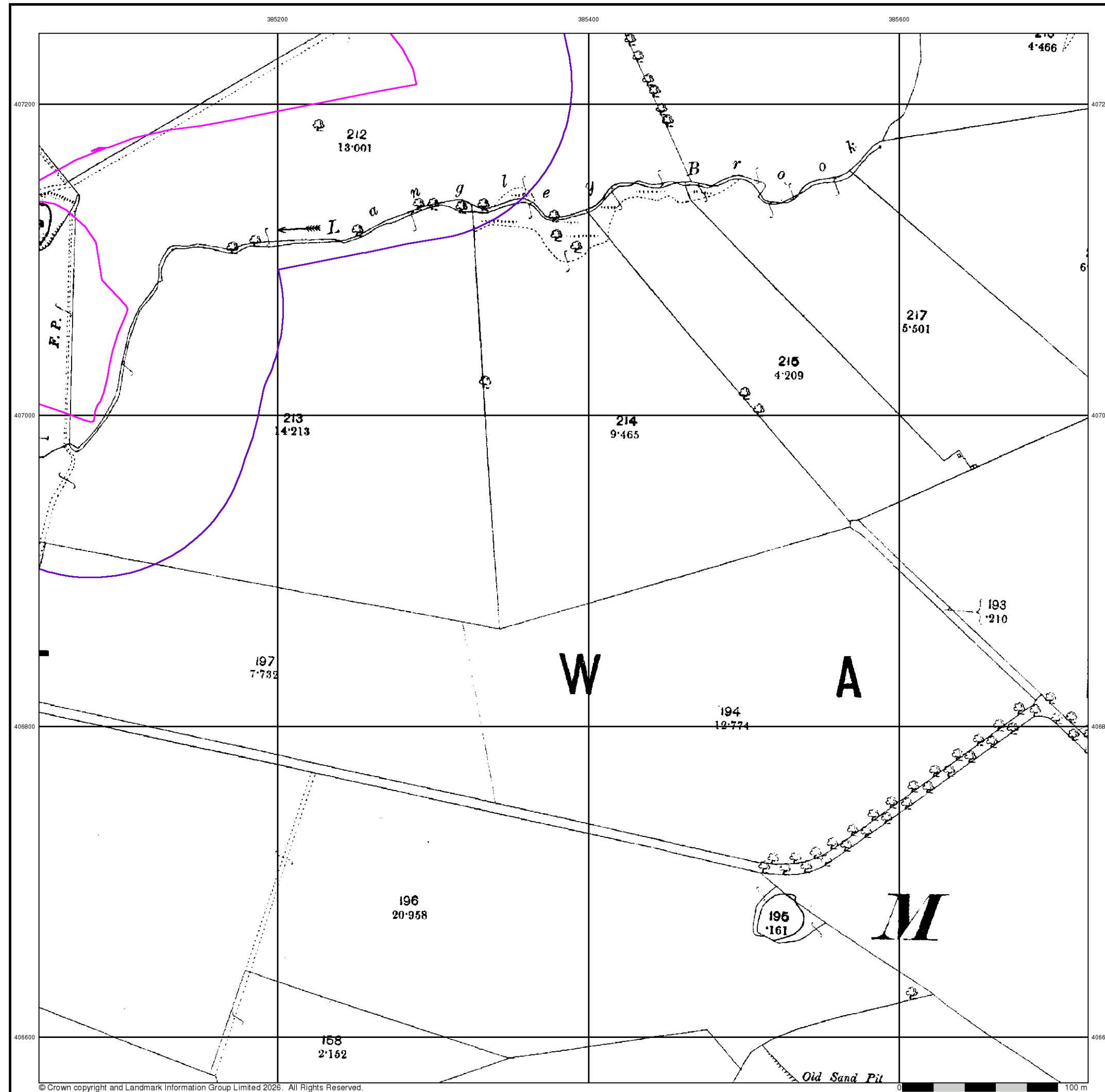
Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

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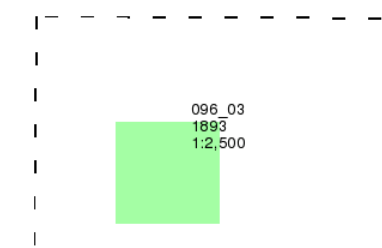
Lancashire And Furness

Published 1893

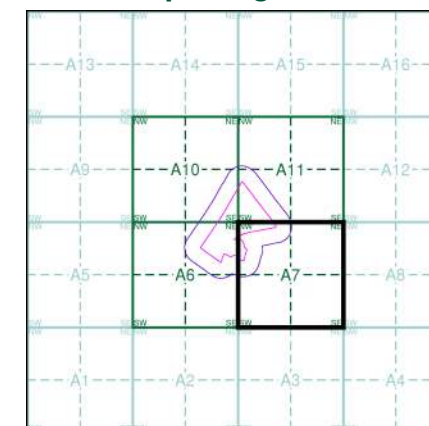
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A7



Order Details

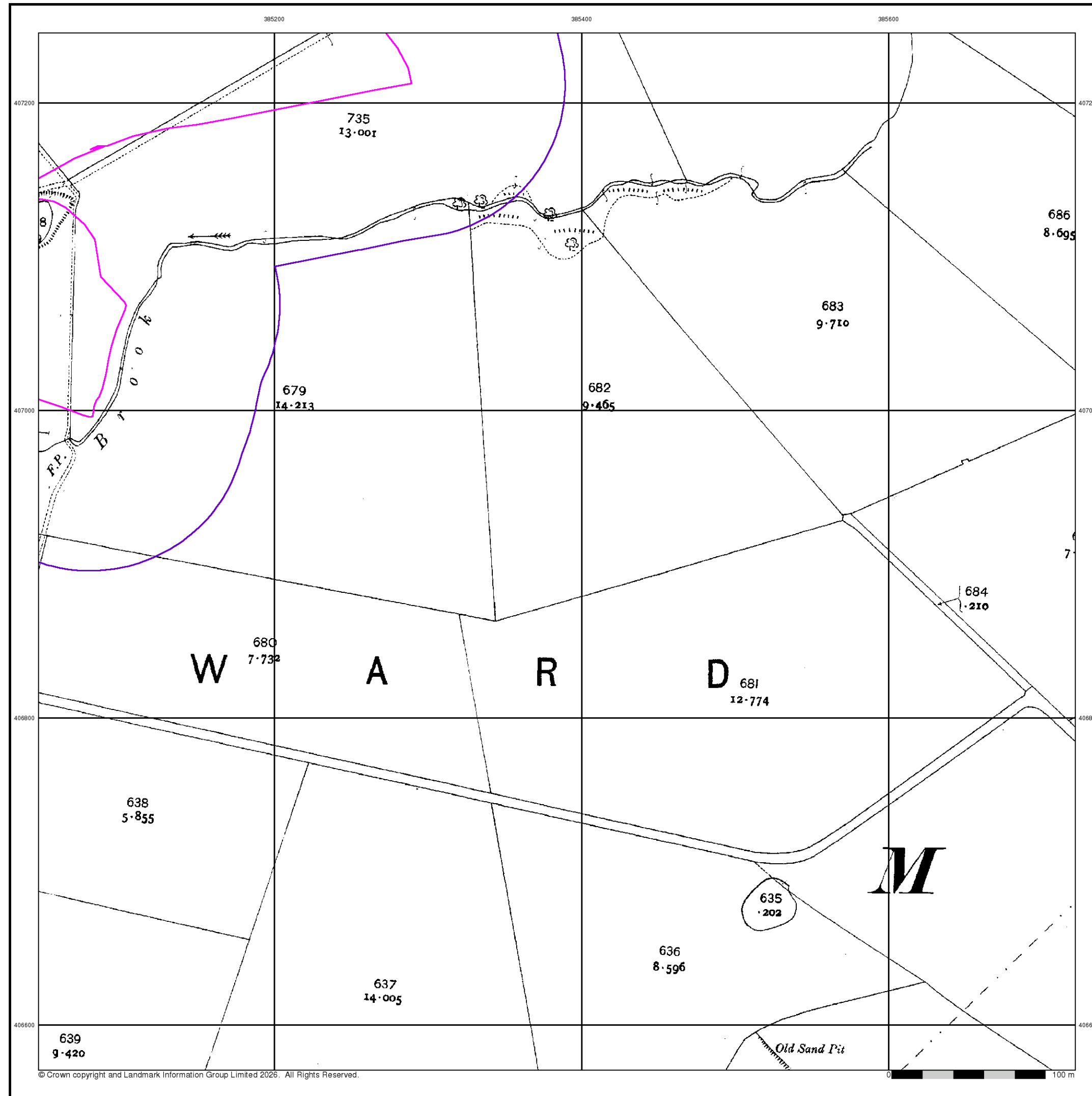
Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

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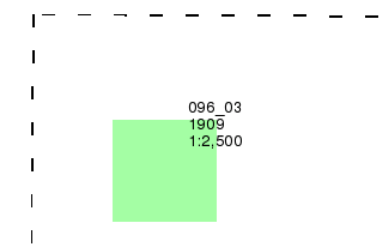
Lancashire And Furness

Published 1909

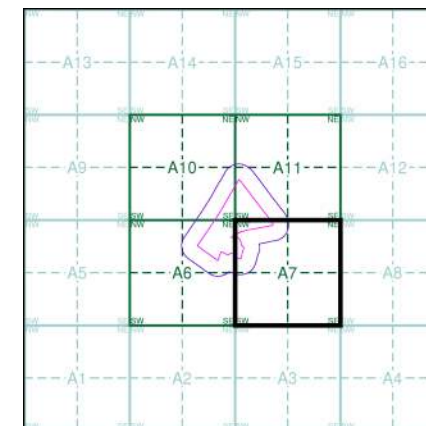
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A7



Order Details

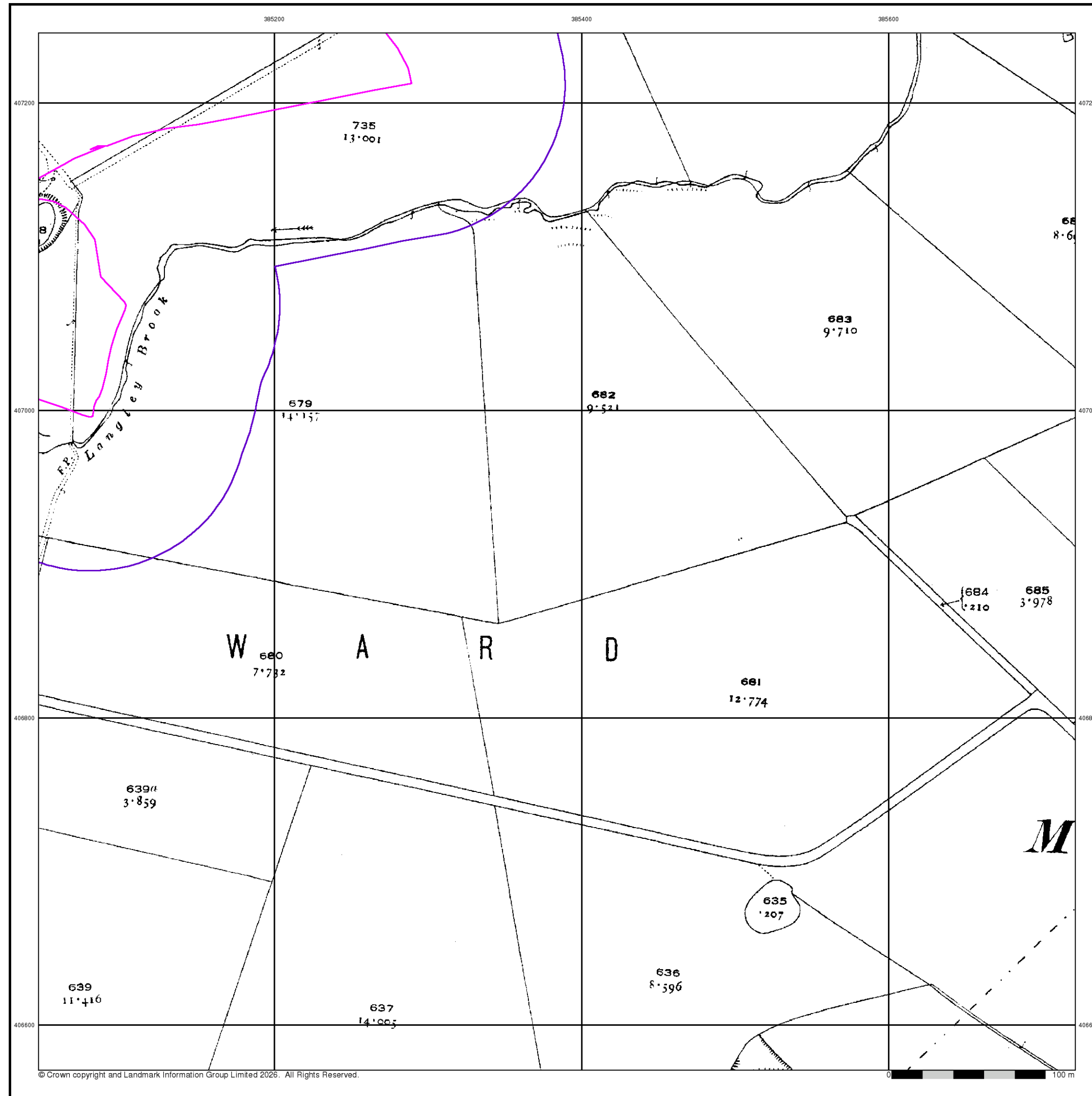
Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

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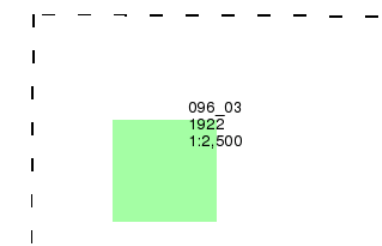
Lancashire And Furness

Published 1922

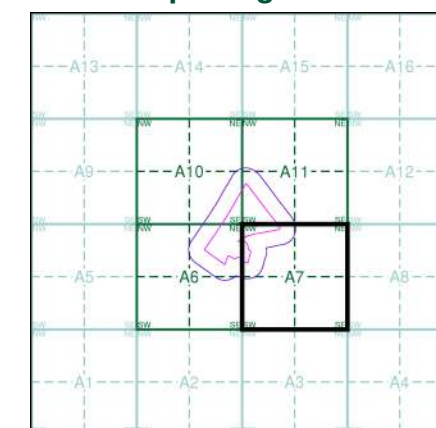
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A7

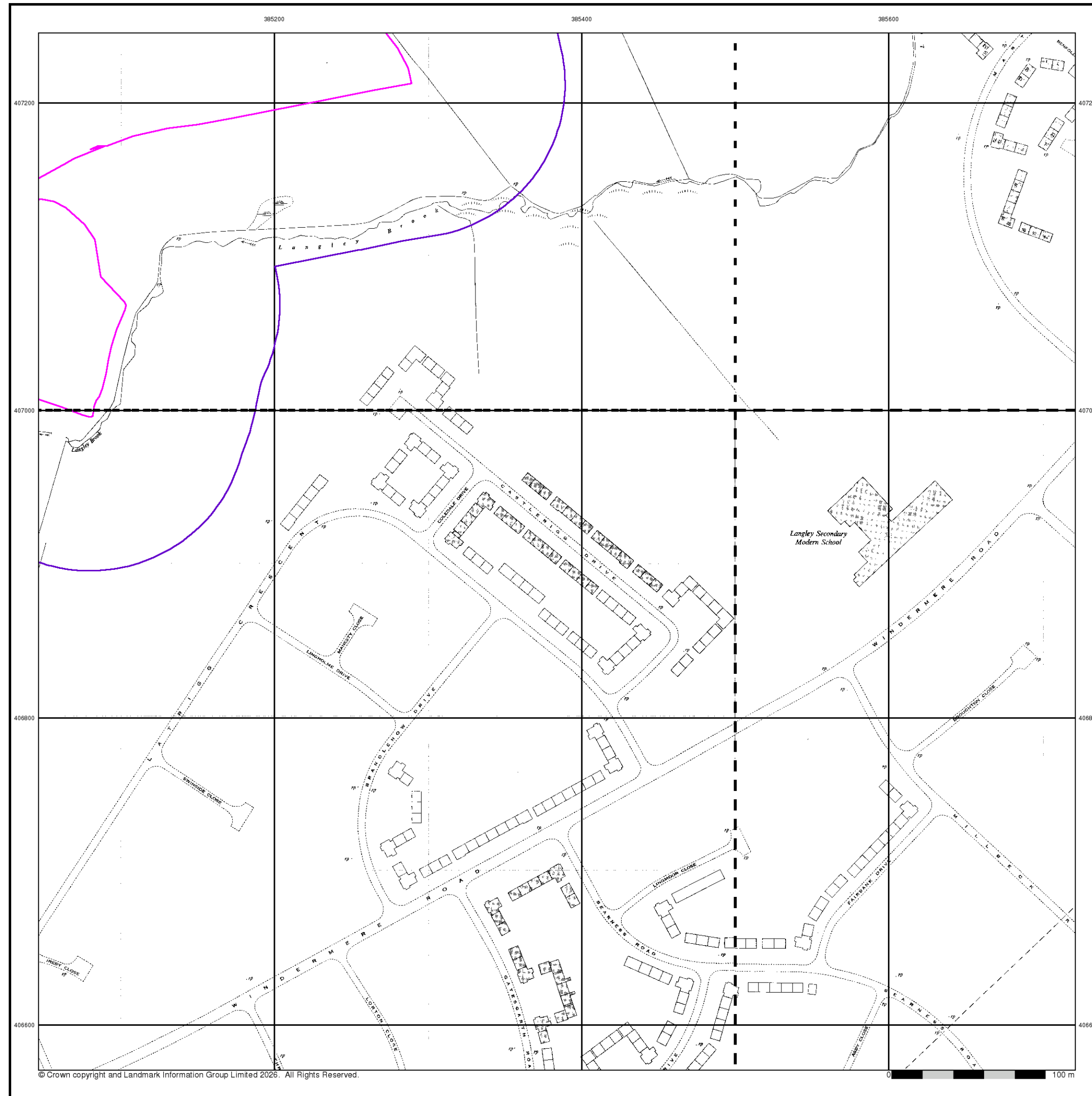


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1955

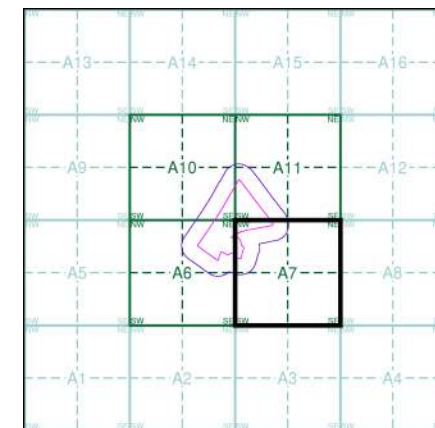
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD8507SW 1955 1:1,250	SD8507SE 1955 1:1,250
SD8506NW 1955 1:1,250	SD8506NE 1955 1:1,250

Historical Map - Segment A7



Order Details

Order Number: 404276436_1_1

Customer Ref: 10-2721

National Grid Reference: 385040, 407220

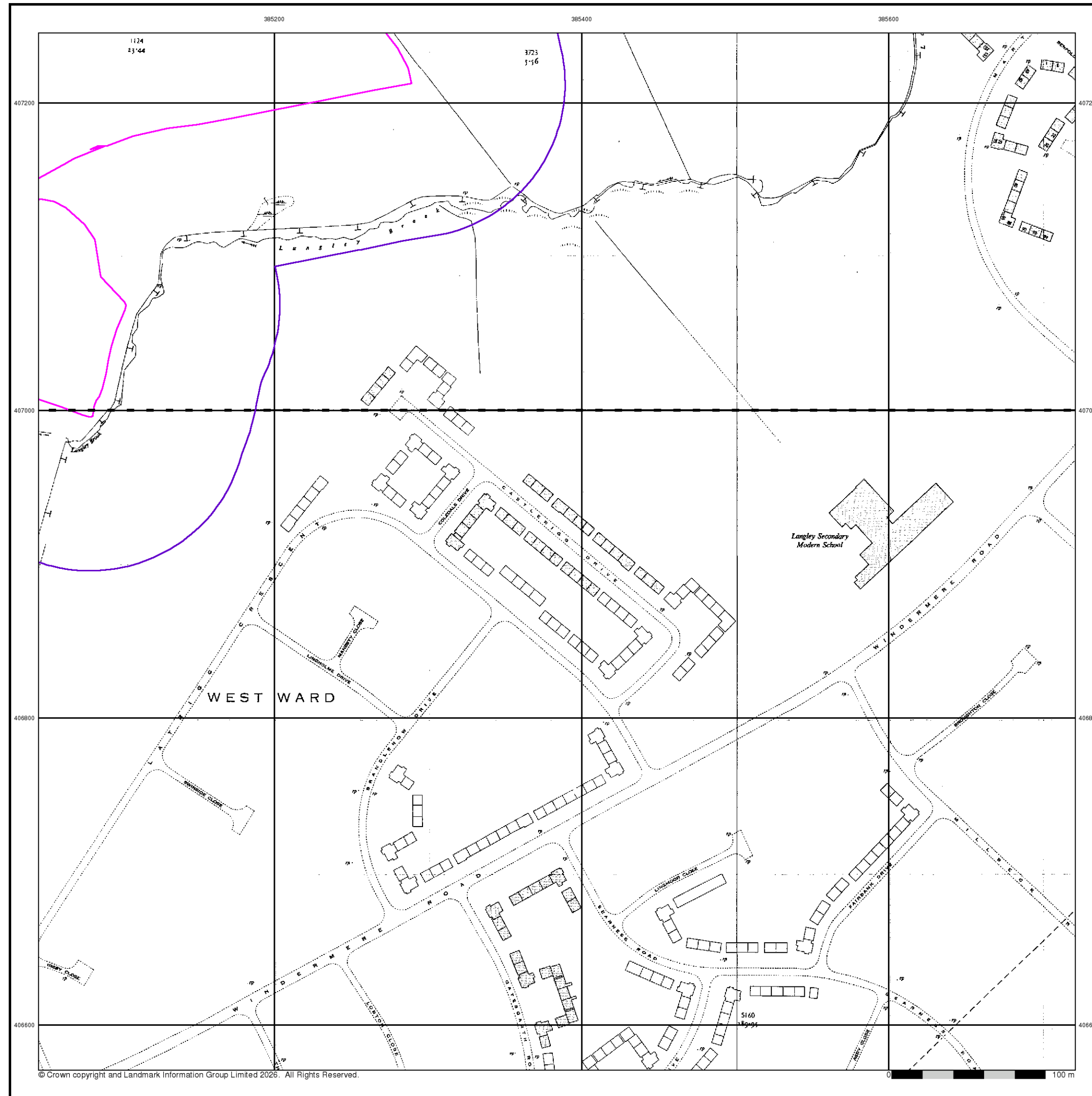
Slice: A

Site Area (Ha): 10.86

Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1955

Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SD8507
1955
1:2,500

SD8506
1955
1:2,500

Historical Map - Segment A7

N

Order Details

Order Number:

404276436_1_1

Customer Ref:

10-2721

National Grid Reference:

385040, 407220

Slice:

A

Site Area (Ha):

10.86

Search Buffer (m):

100

Site Details

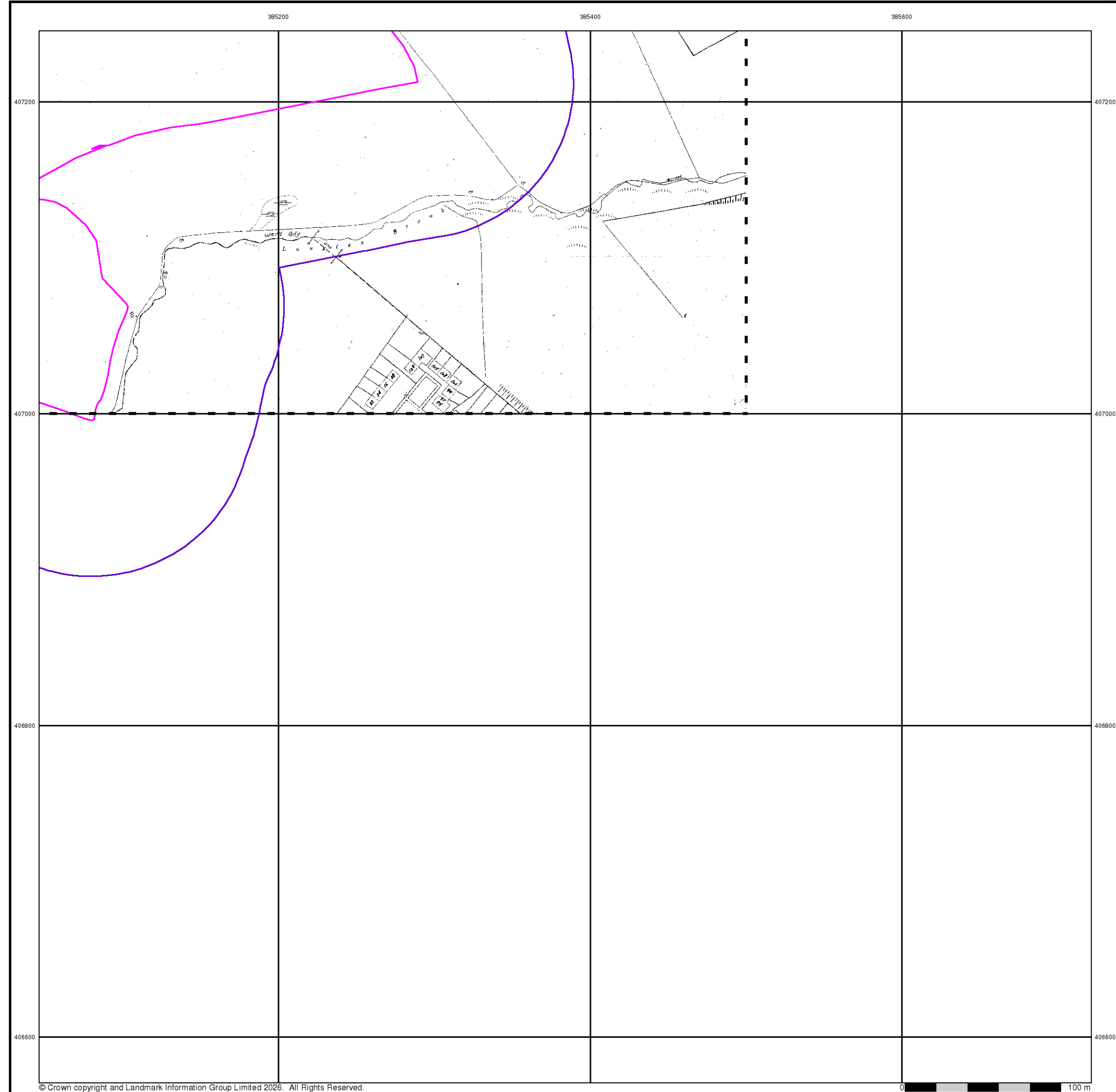
Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

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0 100 m

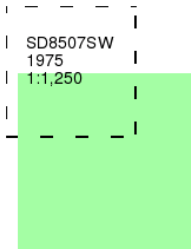
Supply of Unpublished Survey Information

Published 1975

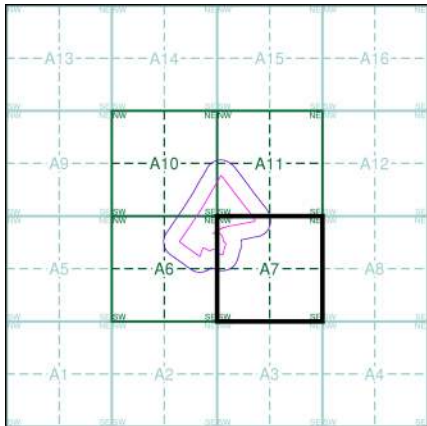
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A7



Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

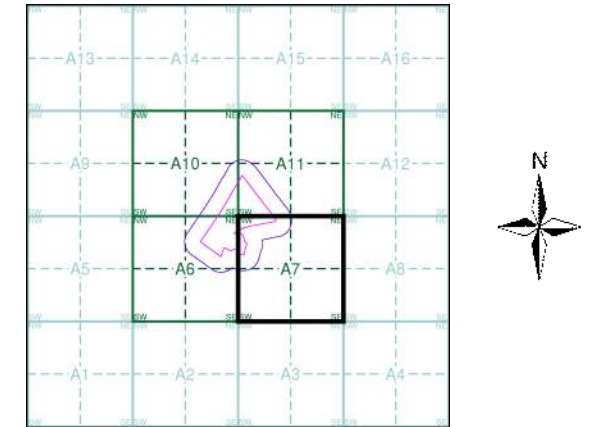


Historical Aerial Photography

Published 2000

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

Historical Aerial Photography - Segment A7



Order Details

Order Number:

404276436_1_1

Customer Ref:

10-2721

National Grid Reference:

385040, 407220

Slice:

A

Site Area (Ha):

10.86

Search Buffer (m):

100

Site Details

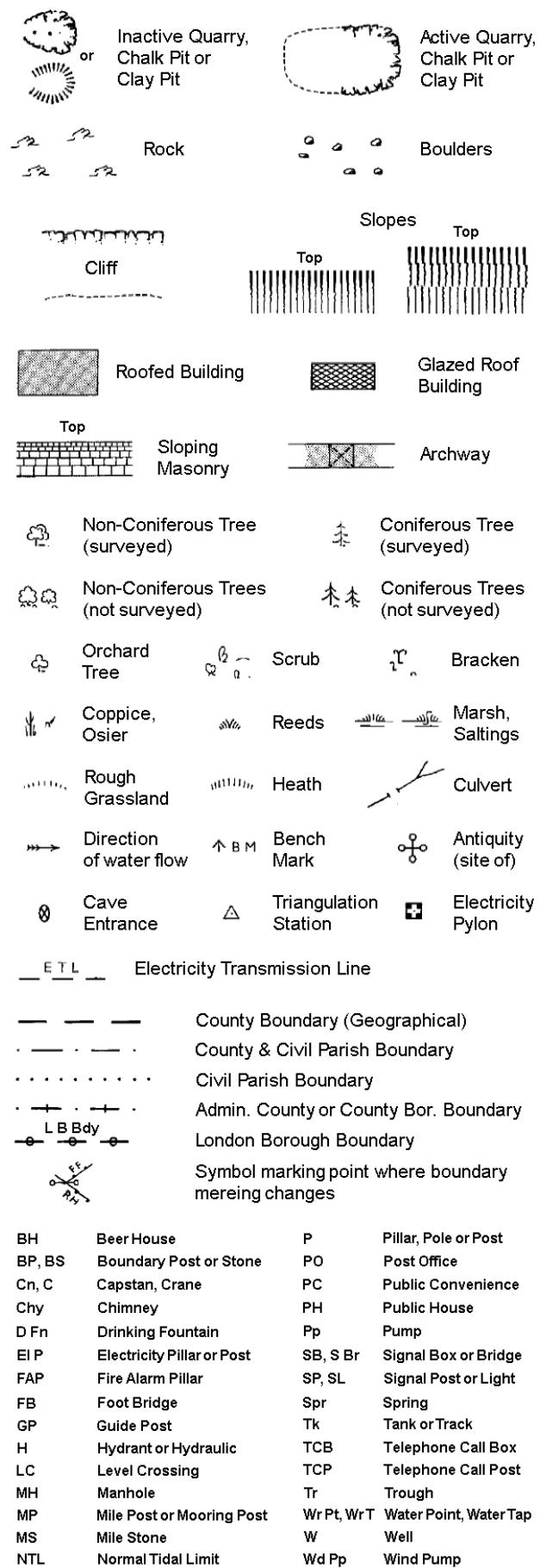
Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

Historical Mapping Legends

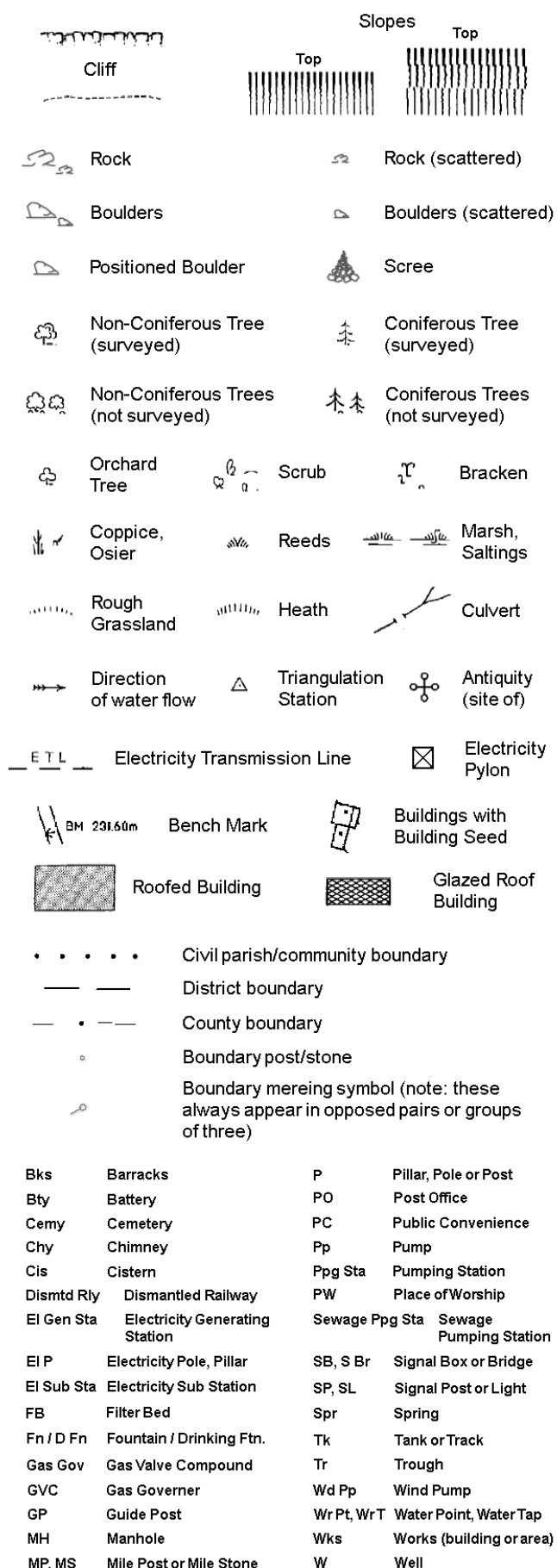
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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



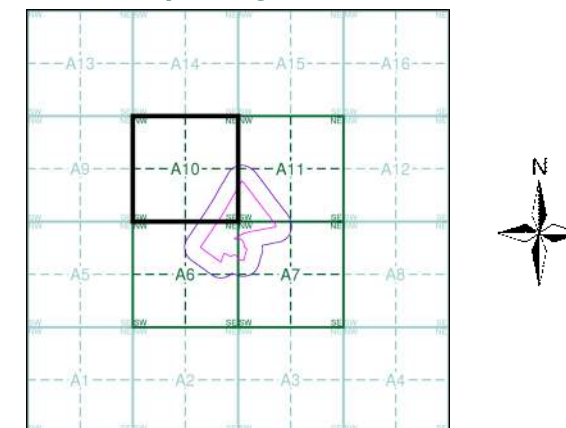
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1891 - 1893	2
Lancashire And Furness	1:2,500	1909	3
Lancashire And Furness	1:2,500	1922 - 1932	4
Ordnance Survey Plan	1:1,250	1955	5
Ordnance Survey Plan	1:2,500	1955 - 1956	6
Ordnance Survey Plan	1:1,250	1973	7
Supply of Unpublished Survey Information	1:1,250	1974 - 1975	8
Supply of Unpublished Survey Information	1:1,250	1975	9
Ordnance Survey Plan	1:2,500	1978	10
Large-Scale National Grid Data	1:1,250	1992	11
Large-Scale National Grid Data	1:2,500	1992	12
Historical Aerial Photography	1:2,500	2000	13

Historical Map - Segment A10



Order Details

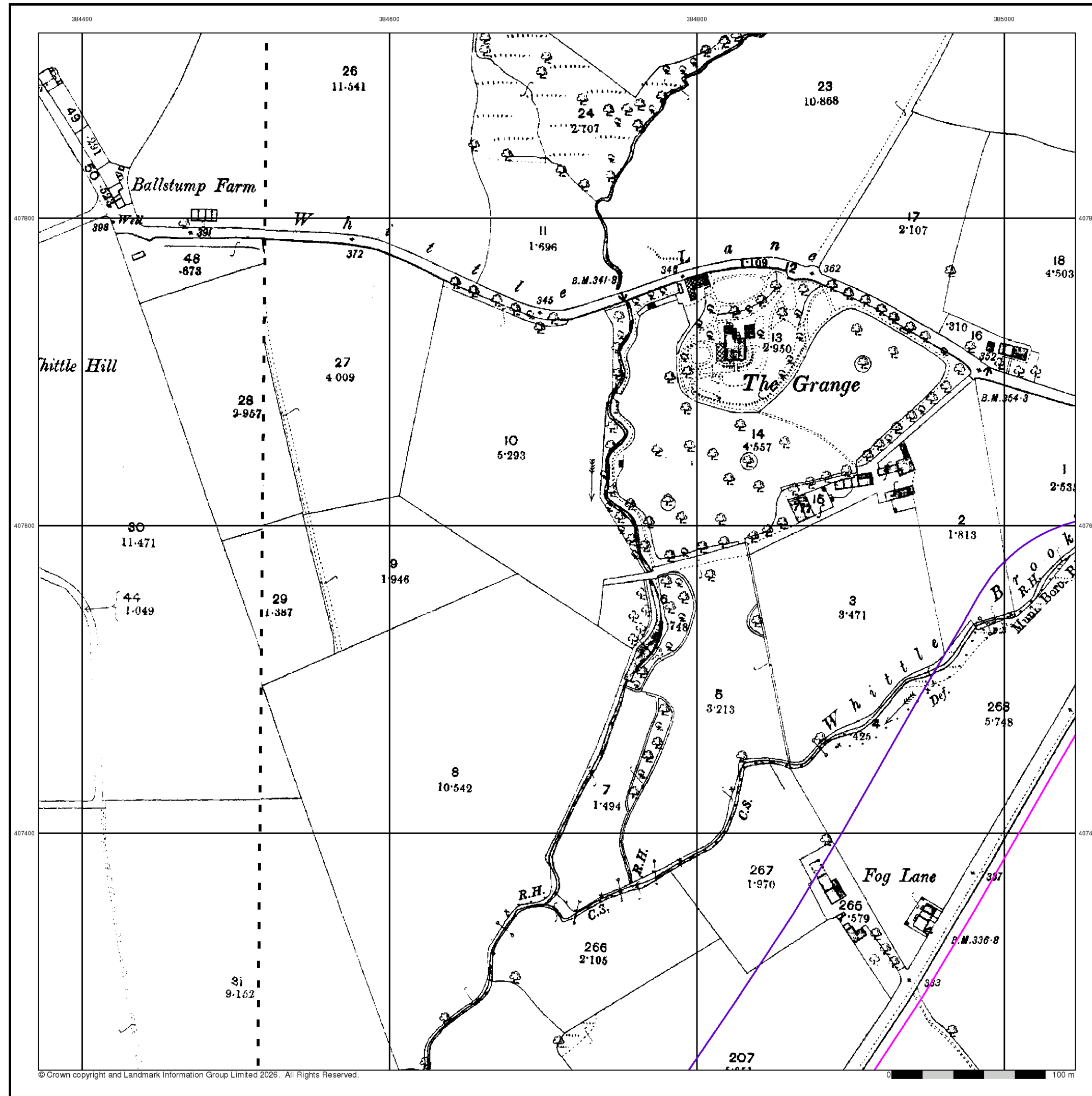
Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

Bowlee Park Community School, Windermere Road, Middleton,
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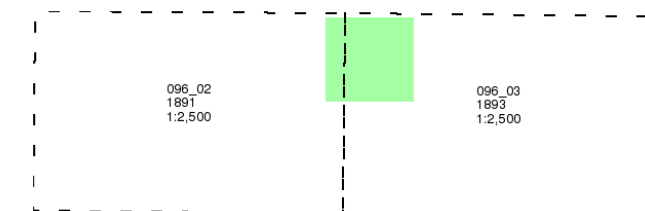
Lancashire And Furness

Published 1891 - 1893

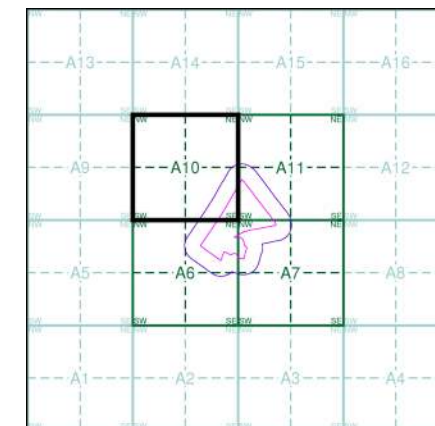
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

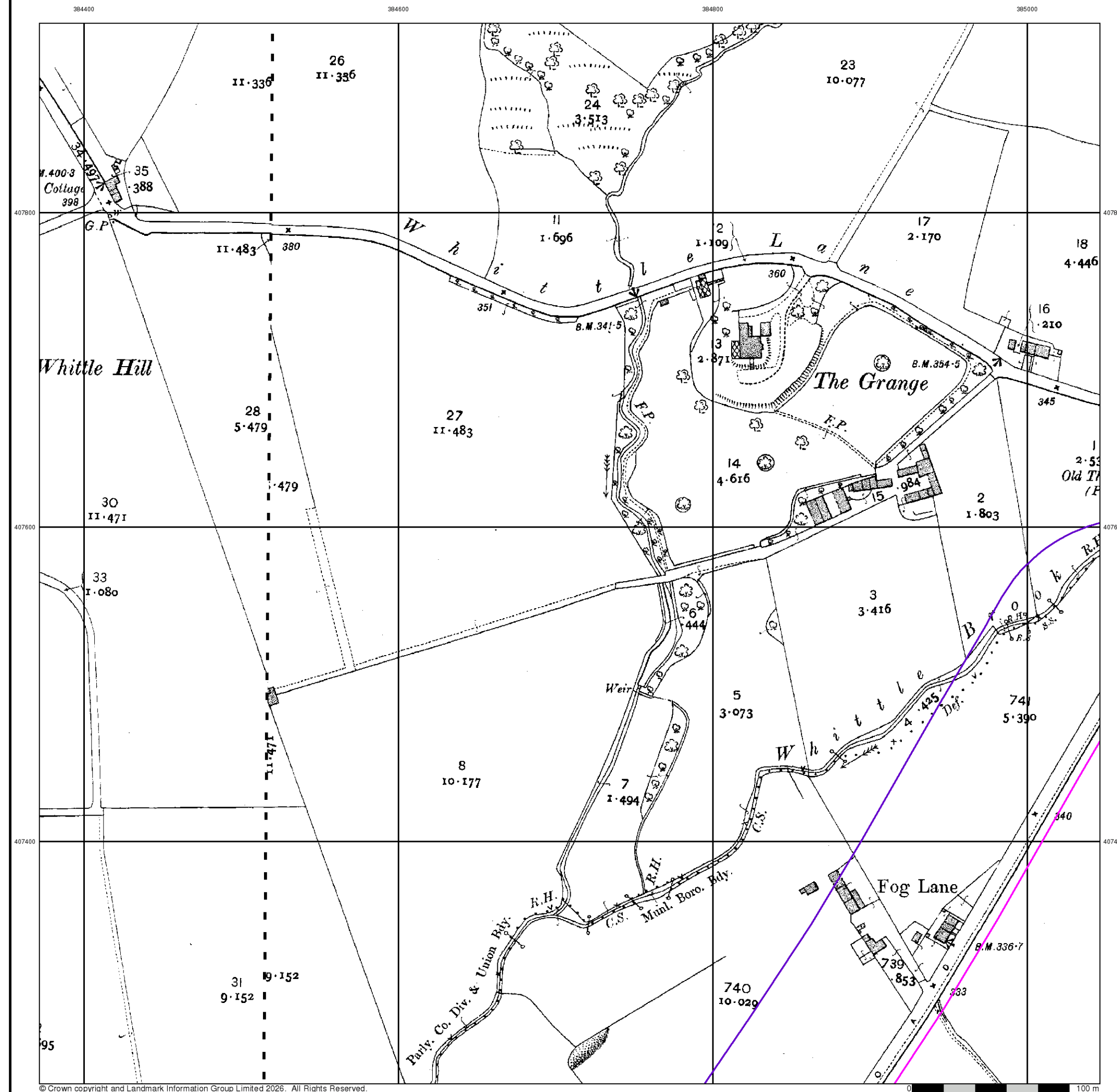
Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

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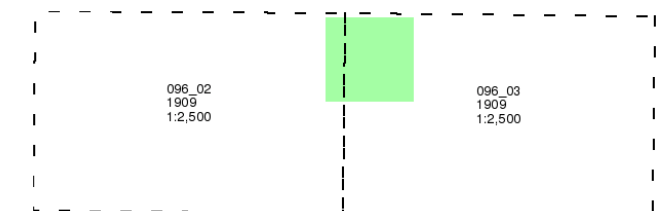
Lancashire And Furness

Published 1909

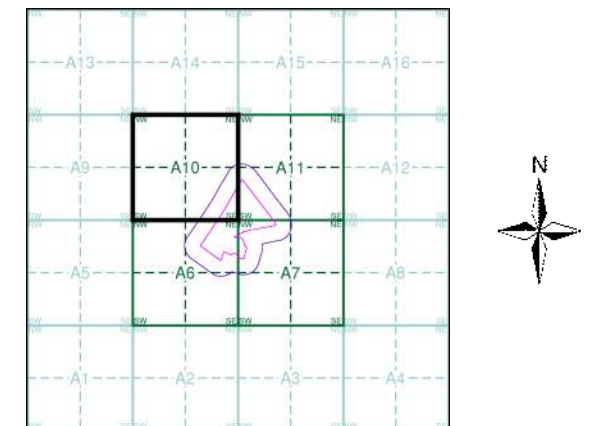
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10

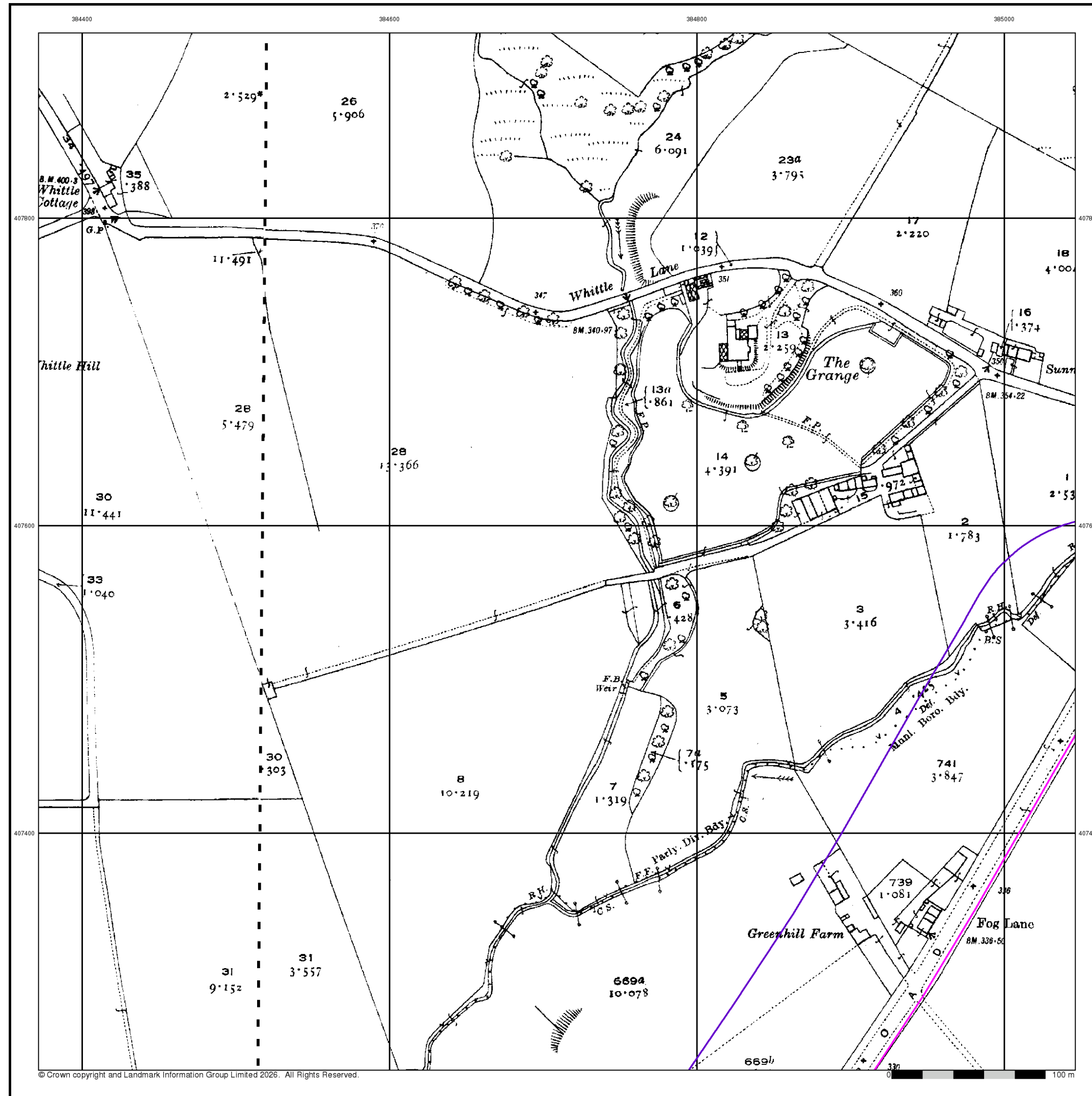


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

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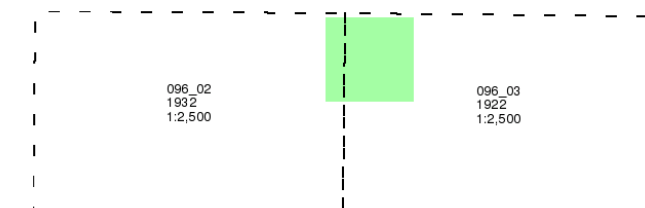
Lancashire And Furness

Published 1922 - 1932

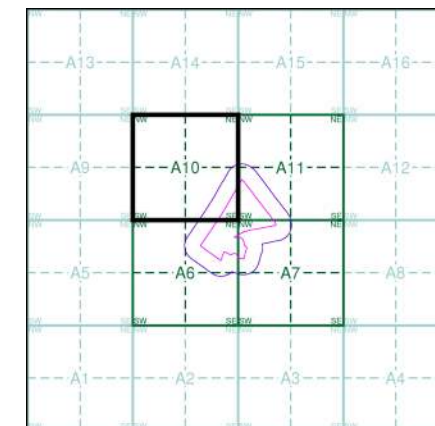
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

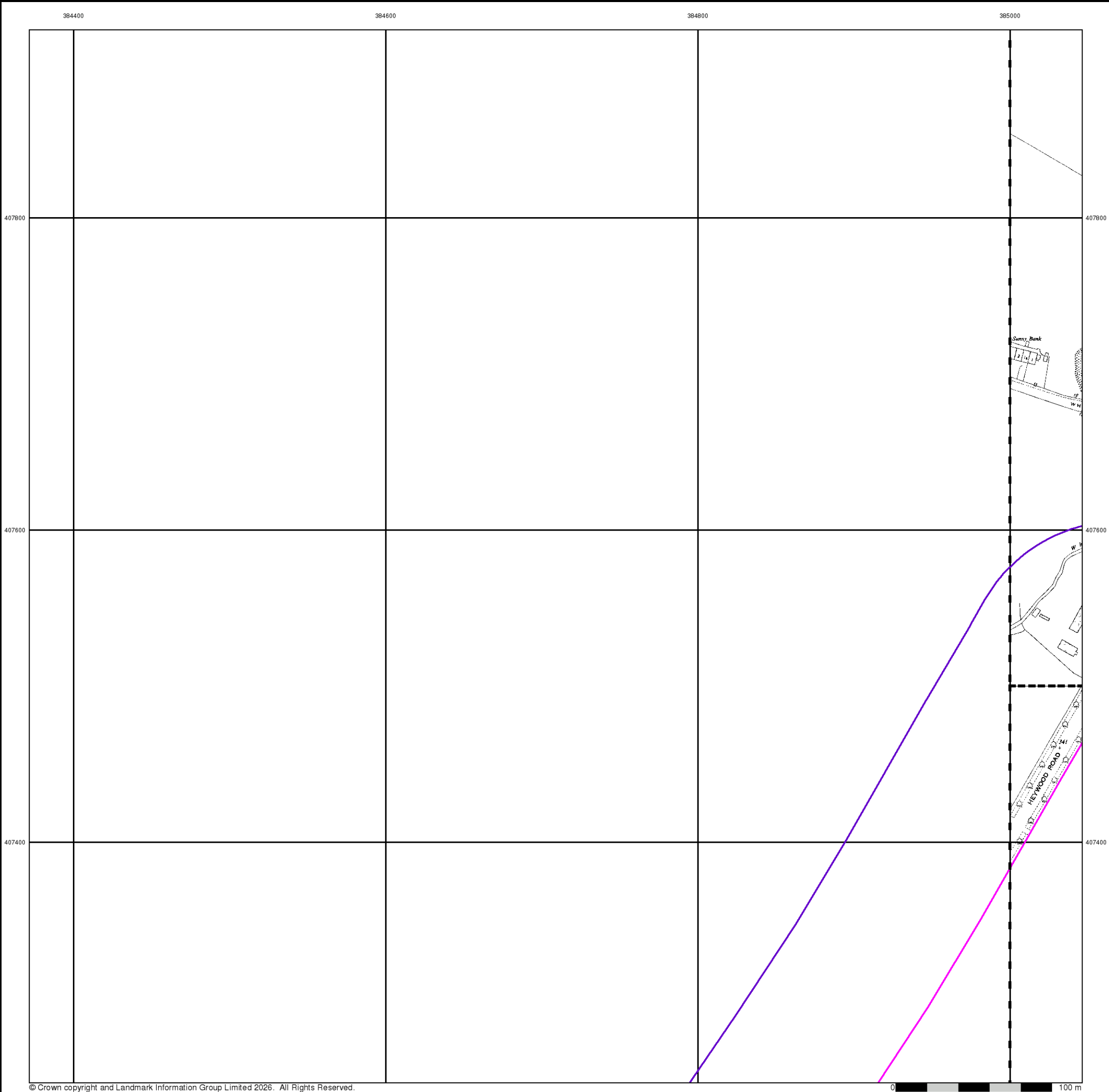
Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

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Ordnance Survey Plan

Published 1955

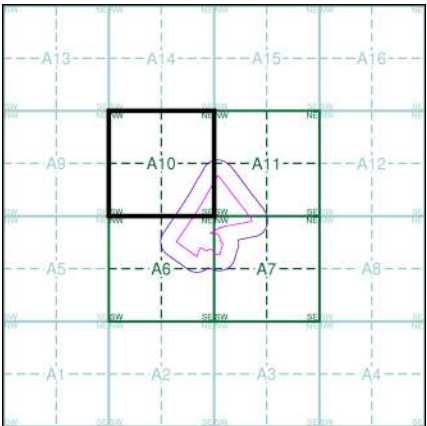
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD8507NW
1955
1:1,250
SD8507SW
1955
1:1,250

Historical Map - Segment A10

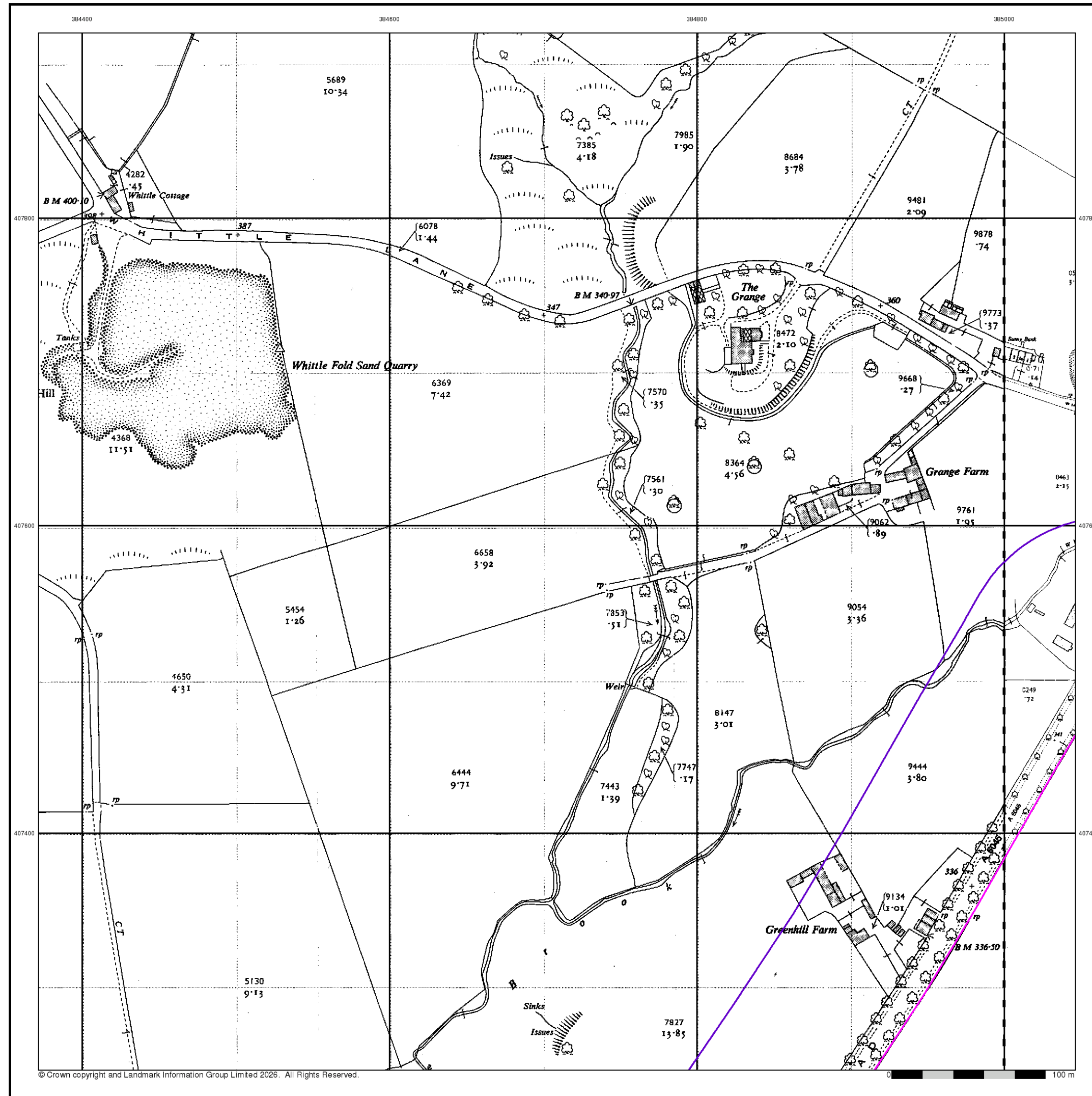


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



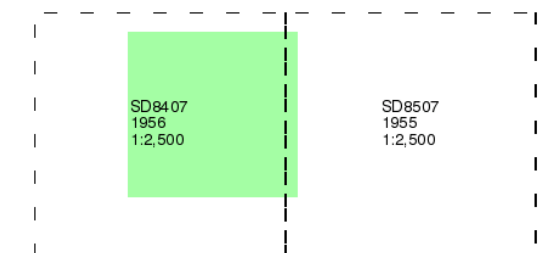
Ordnance Survey Plan

Published 1955 - 1956

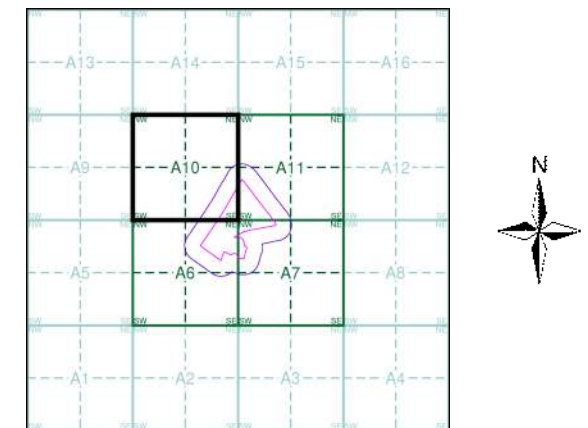
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 404276436_1_1

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National Grid Reference: 385040, 407220

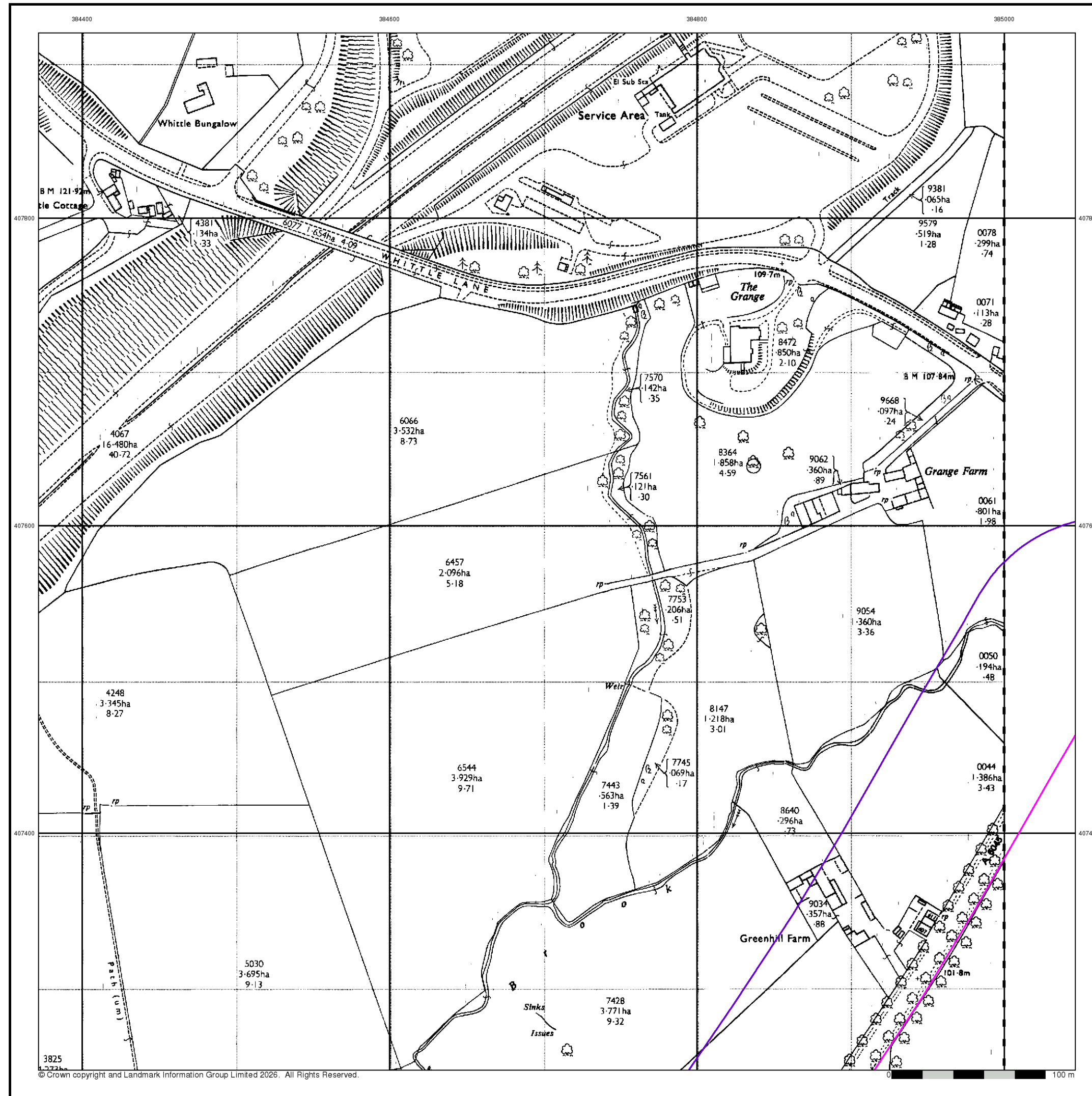
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Search Buffer (m): 100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



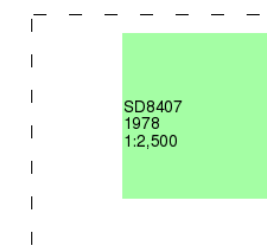
Ordnance Survey Plan

Published 1978

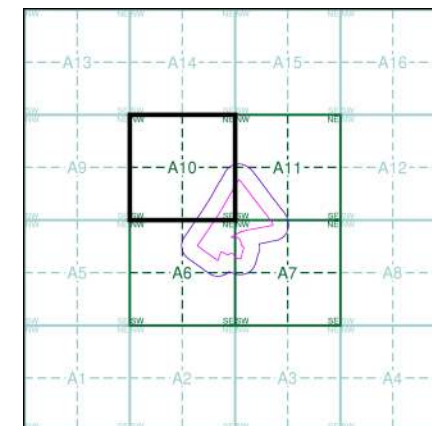
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 404276436_1_1

Customer Ref: 10-2721

National Grid Reference: 385040, 407220

Slice: A

Site Area (Ha): 10.86

Search Buffer (m): 100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



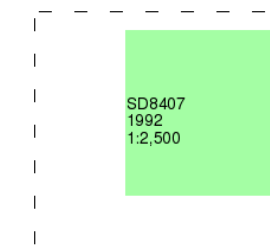
Large-Scale National Grid Data

Published 1992

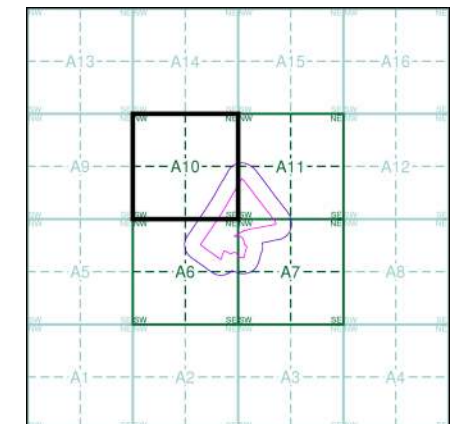
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
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Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

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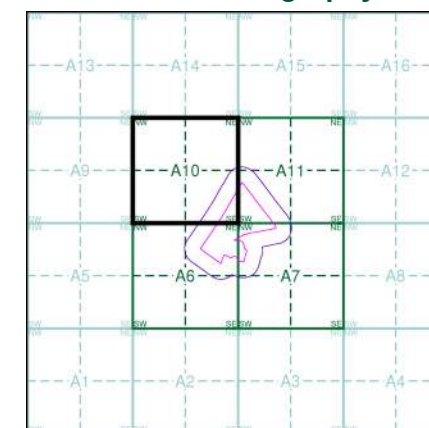
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Historical Aerial Photography

Published 2000

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

Historical Aerial Photography - Segment A10



Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

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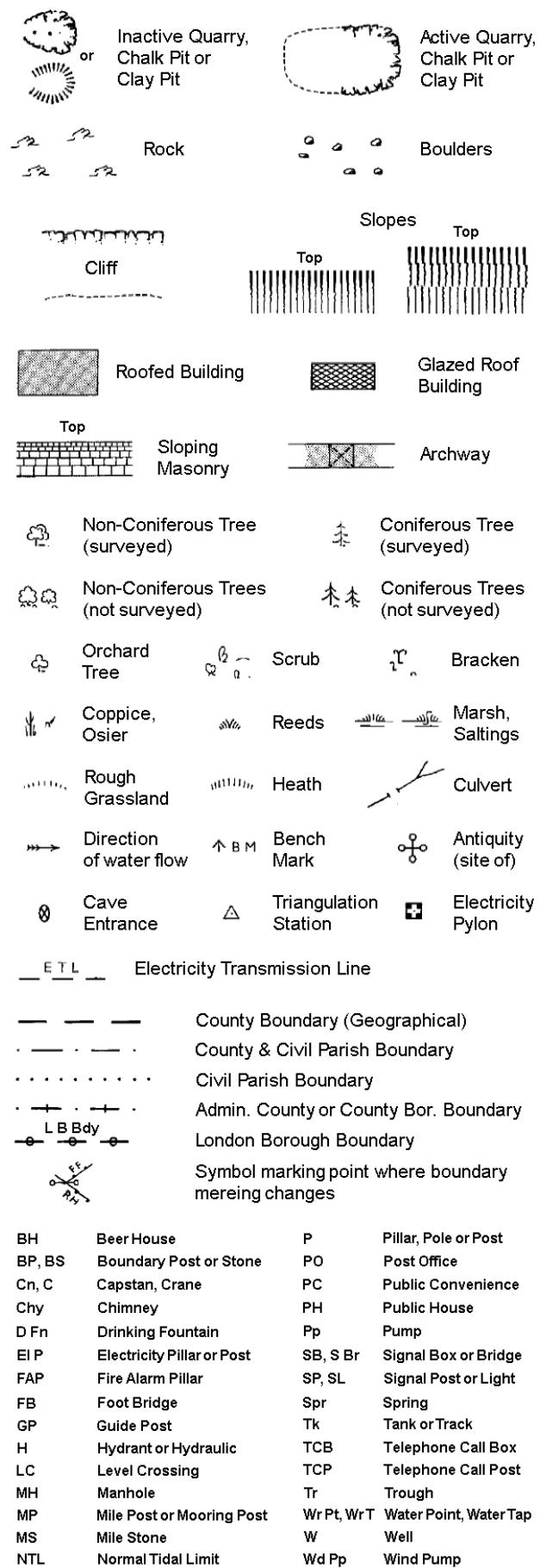
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Historical Mapping Legends

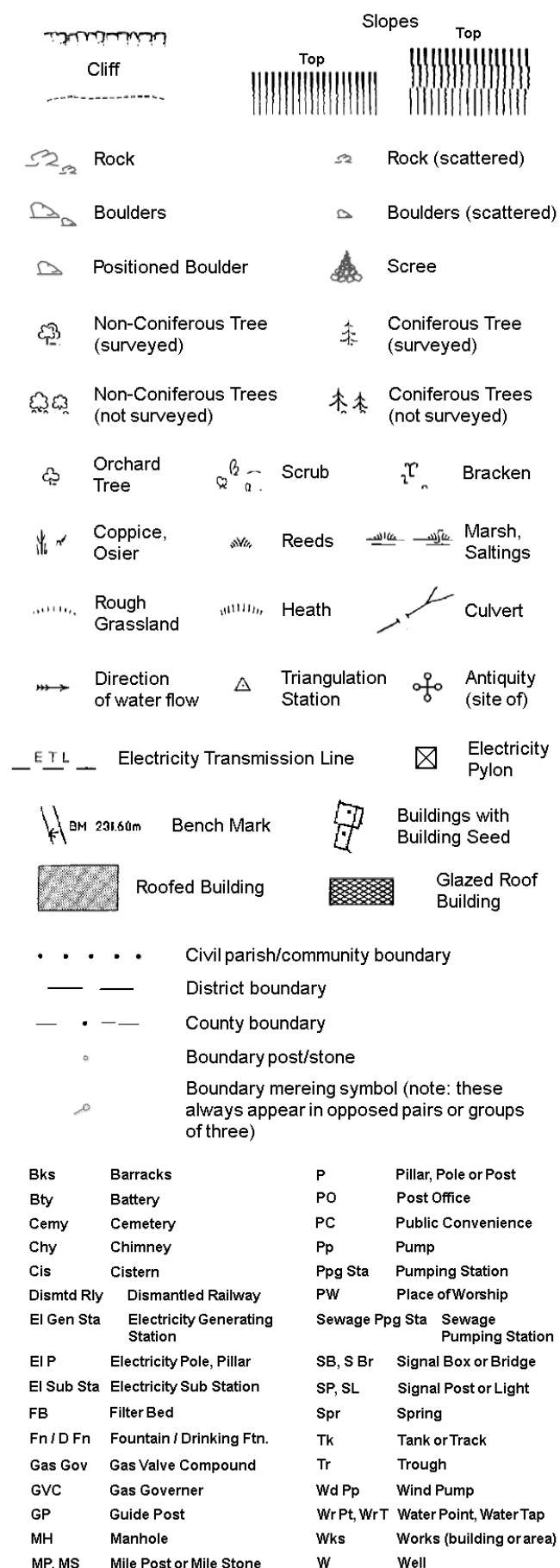
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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



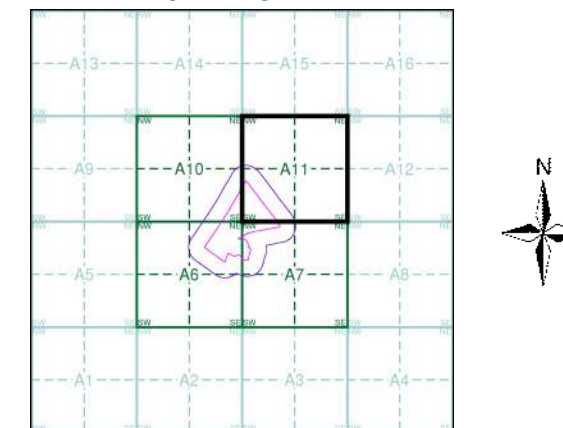
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1909	3
Lancashire And Furness	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1955	5
Ordnance Survey Plan	1:1,250	1955	6
Ordnance Survey Plan	1:1,250	1962 - 1973	7
Supply of Unpublished Survey Information	1:1,250	1974 - 1975	8
Supply of Unpublished Survey Information	1:1,250	1975	9
Additional SIMs	1:1,250	1983	10
Large-Scale National Grid Data	1:1,250	1992	11
Large-Scale National Grid Data	1:1,250	1993	12
Large-Scale National Grid Data	1:1,250	1994	13
Large-Scale National Grid Data	1:1,250	1995	14
Large-Scale National Grid Data	1:1,250	1996	15
Large-Scale National Grid Data	1:1,250	1996	16
Historical Aerial Photography	1:2,500	2000	17

Historical Map - Segment A11



Order Details

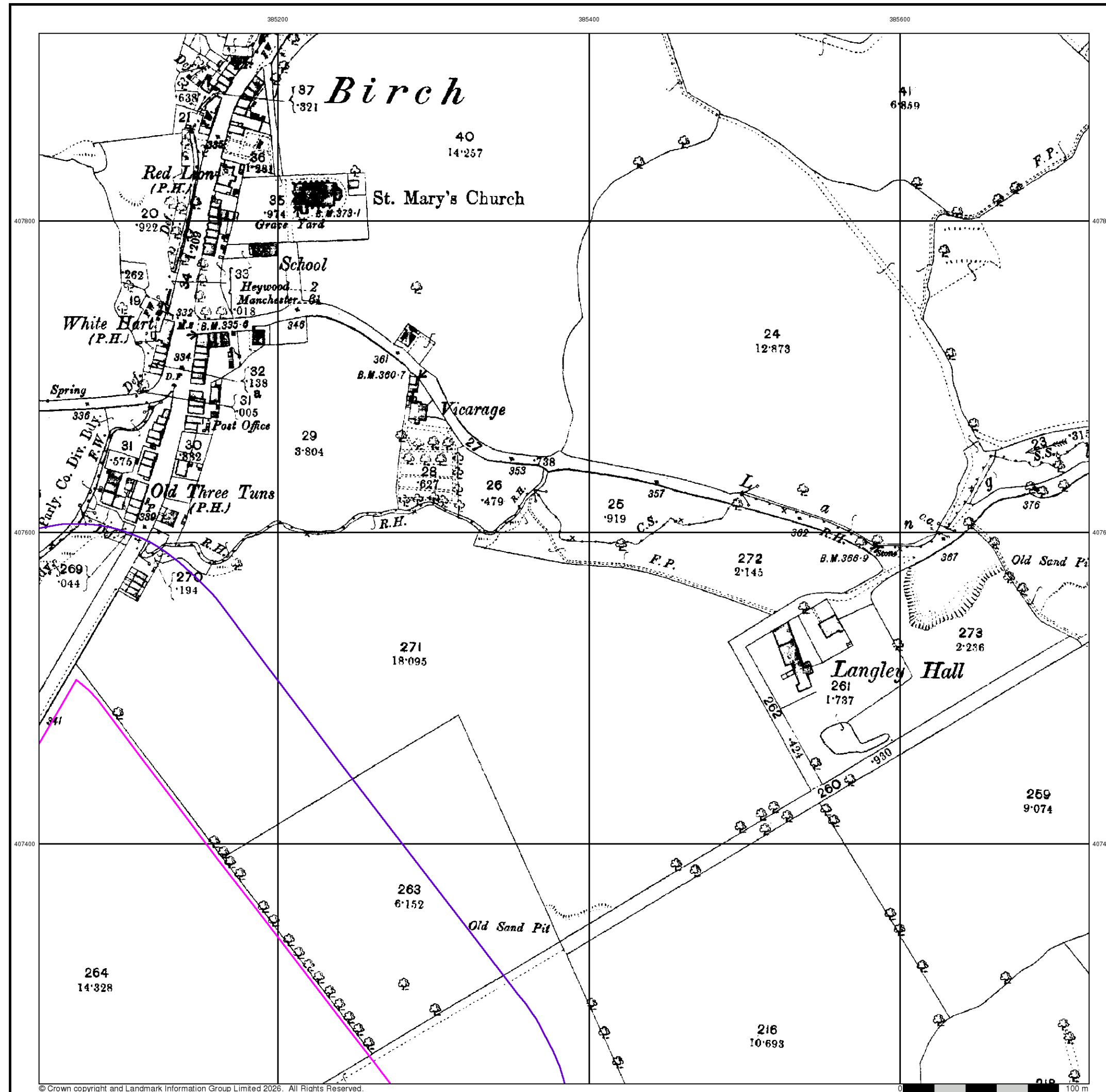
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Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

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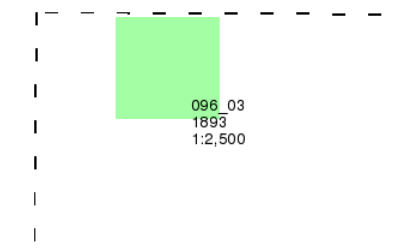
Lancashire And Furness

Published 1893

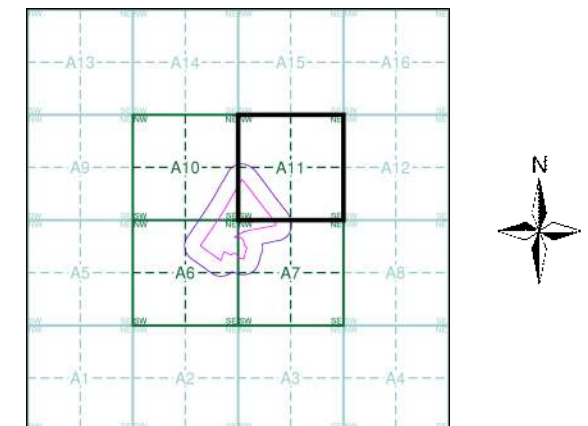
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

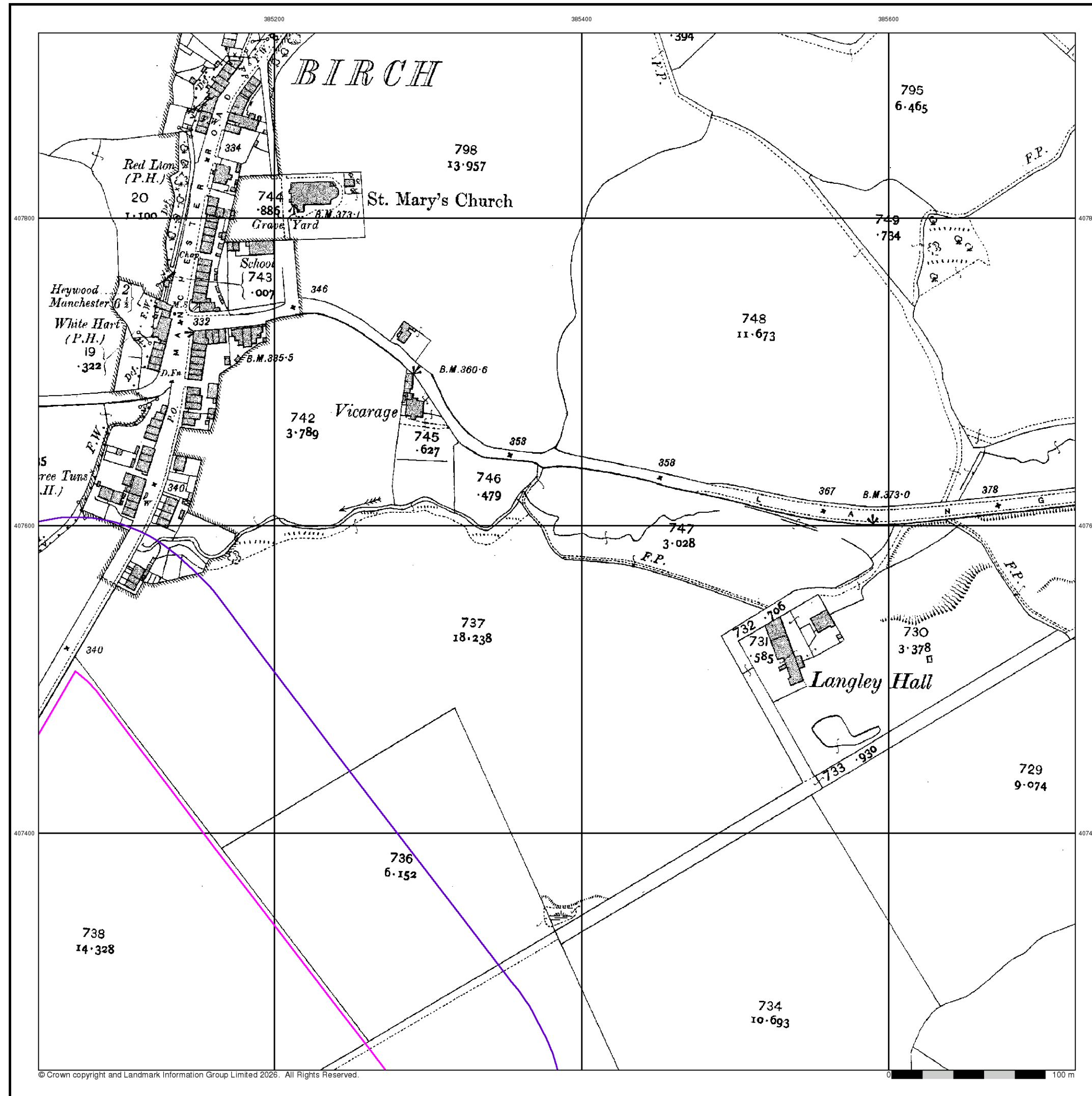
Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

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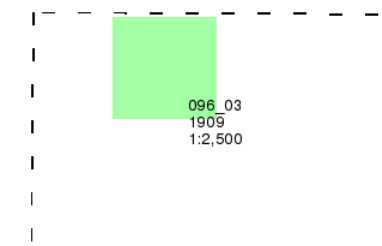
Lancashire And Furness

Published 1909

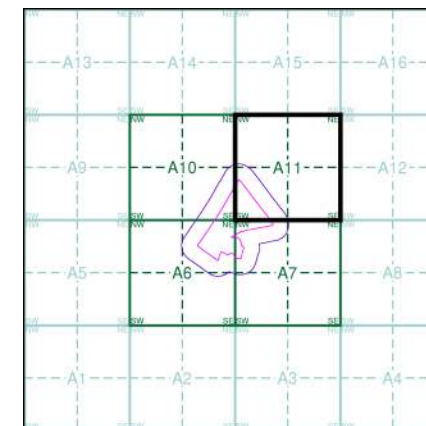
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

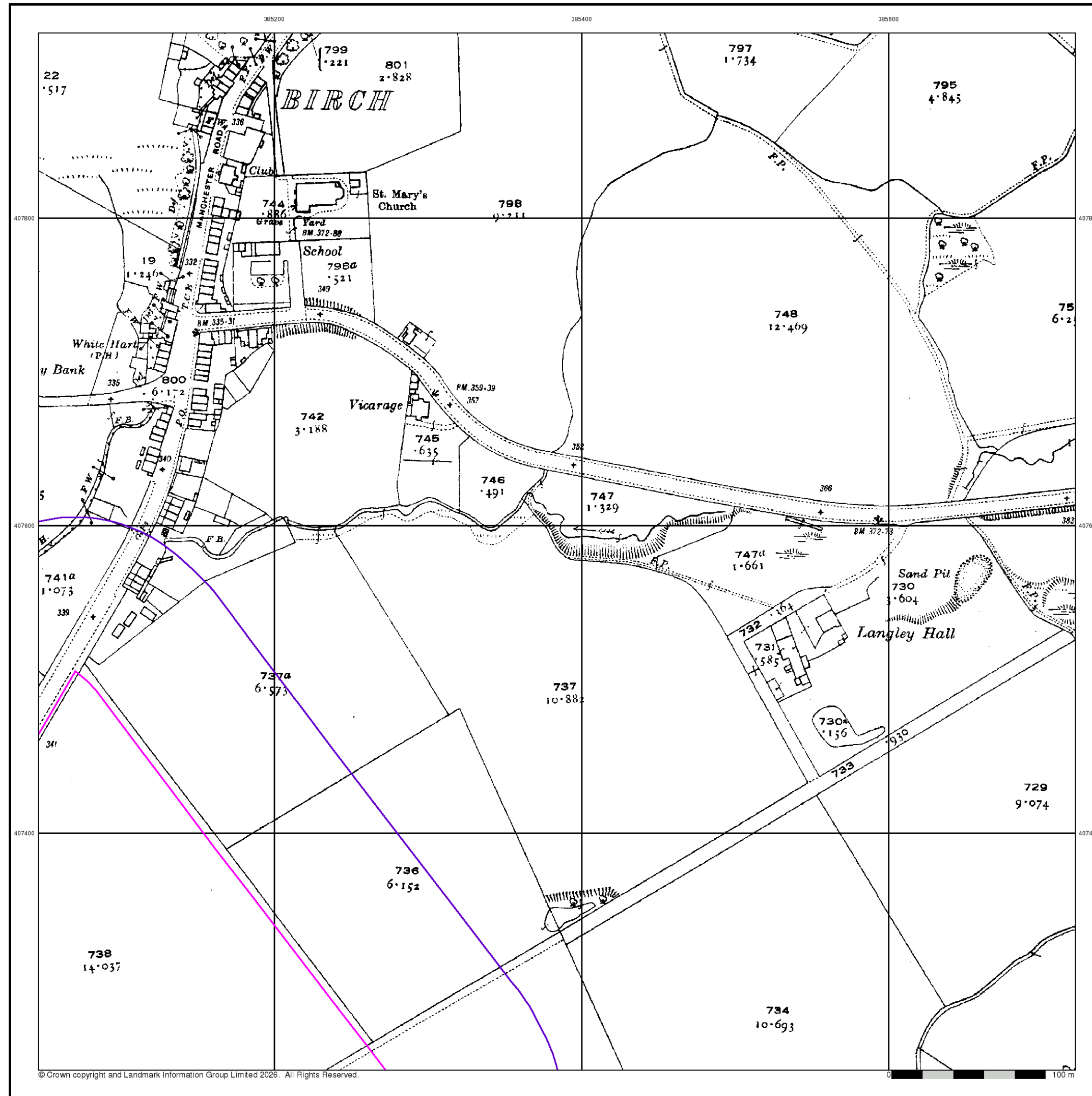
Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
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Site Details

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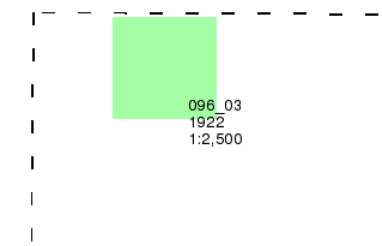
Lancashire And Furness

Published 1922

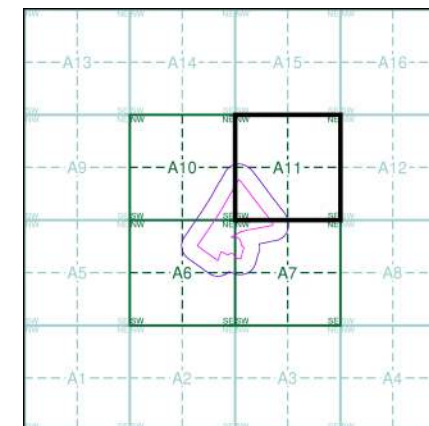
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11

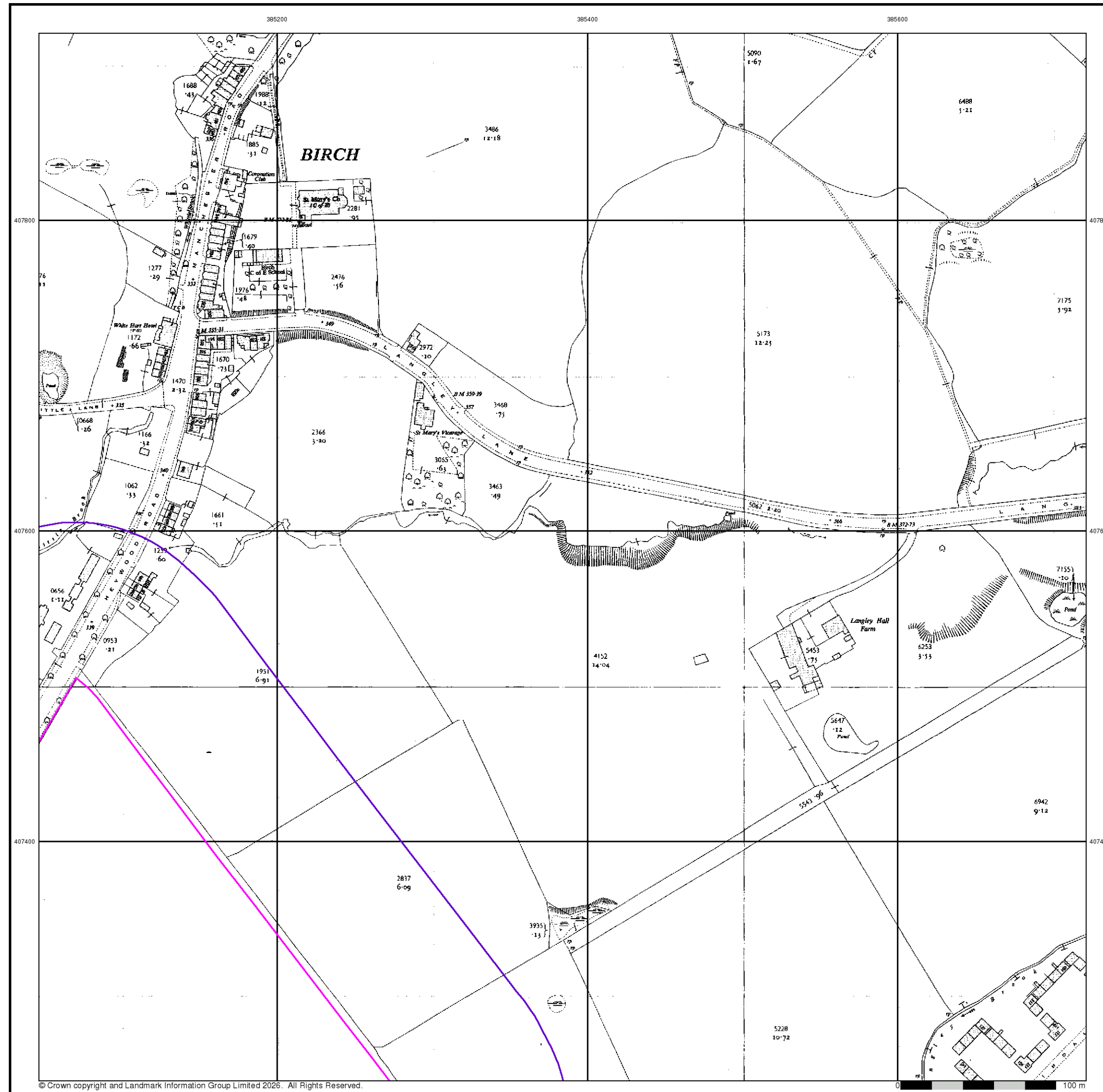


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

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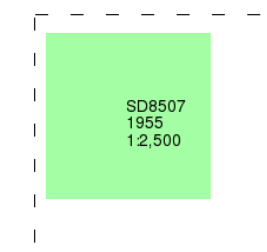
Ordnance Survey Plan

Published 1955

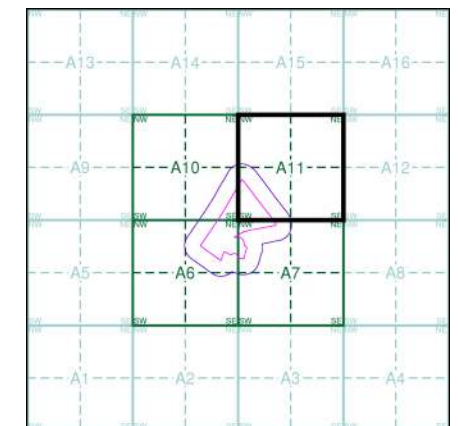
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)



Historical Map - Segment A11

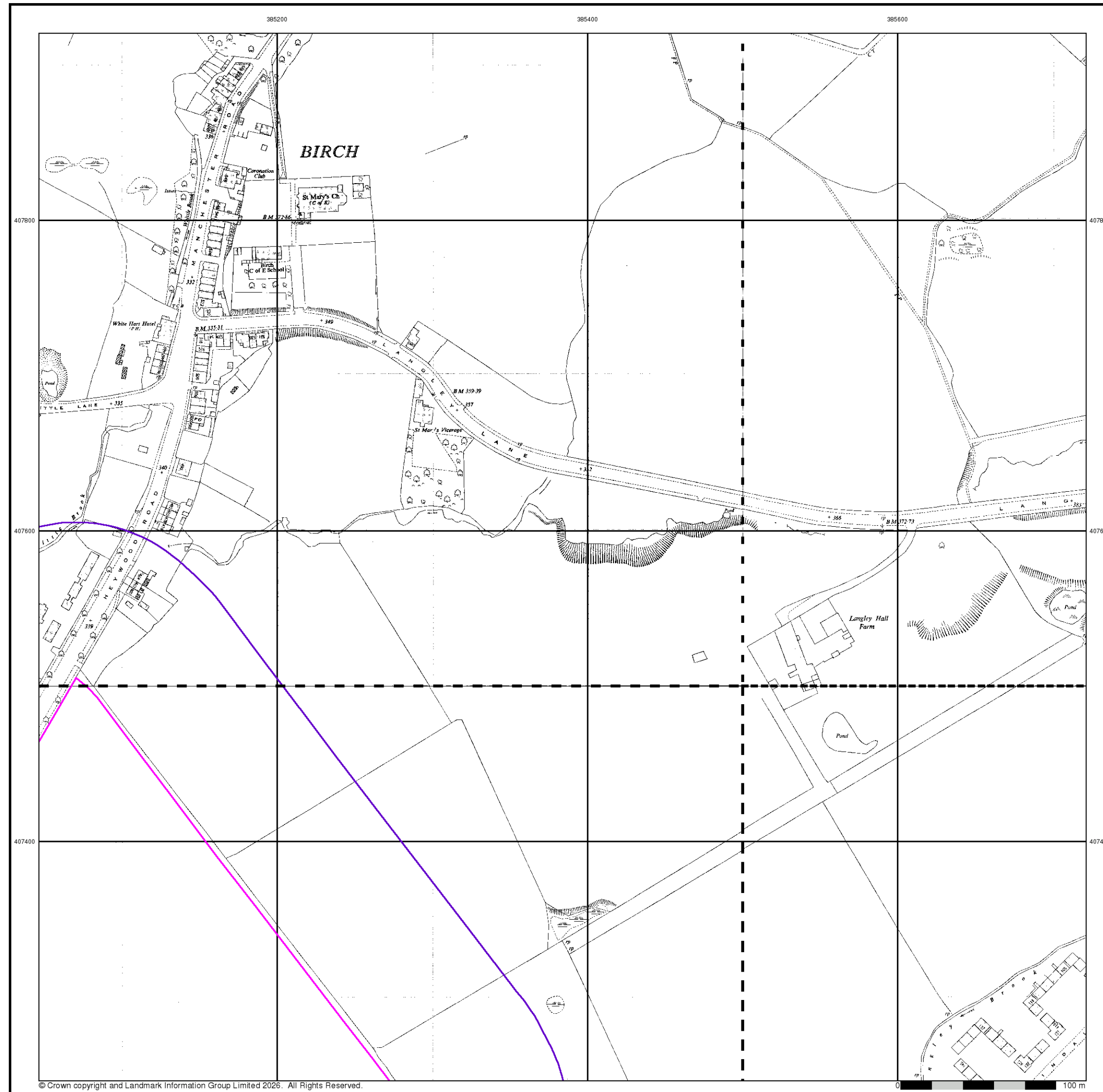


Order Details

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Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1955

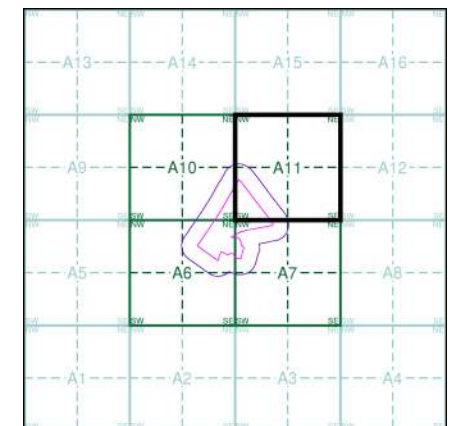
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD8507NW	SD8507NE
1955	1955
1:1,250	1:1,250
SD8507SW	SD8507SE
1955	1955
1:1,250	1:1,250

Historical Map - Segment A11



Order Details

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Slice: A
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Site Details

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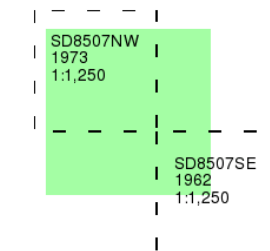
Ordnance Survey Plan

Published 1962 - 1973

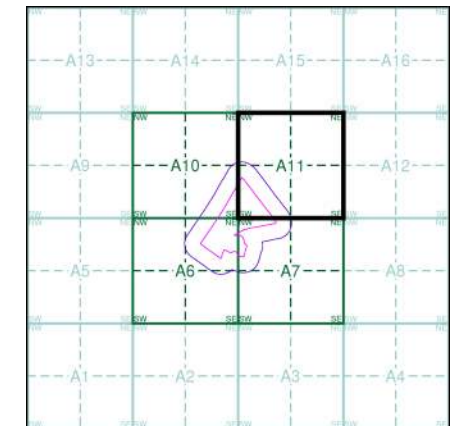
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A11

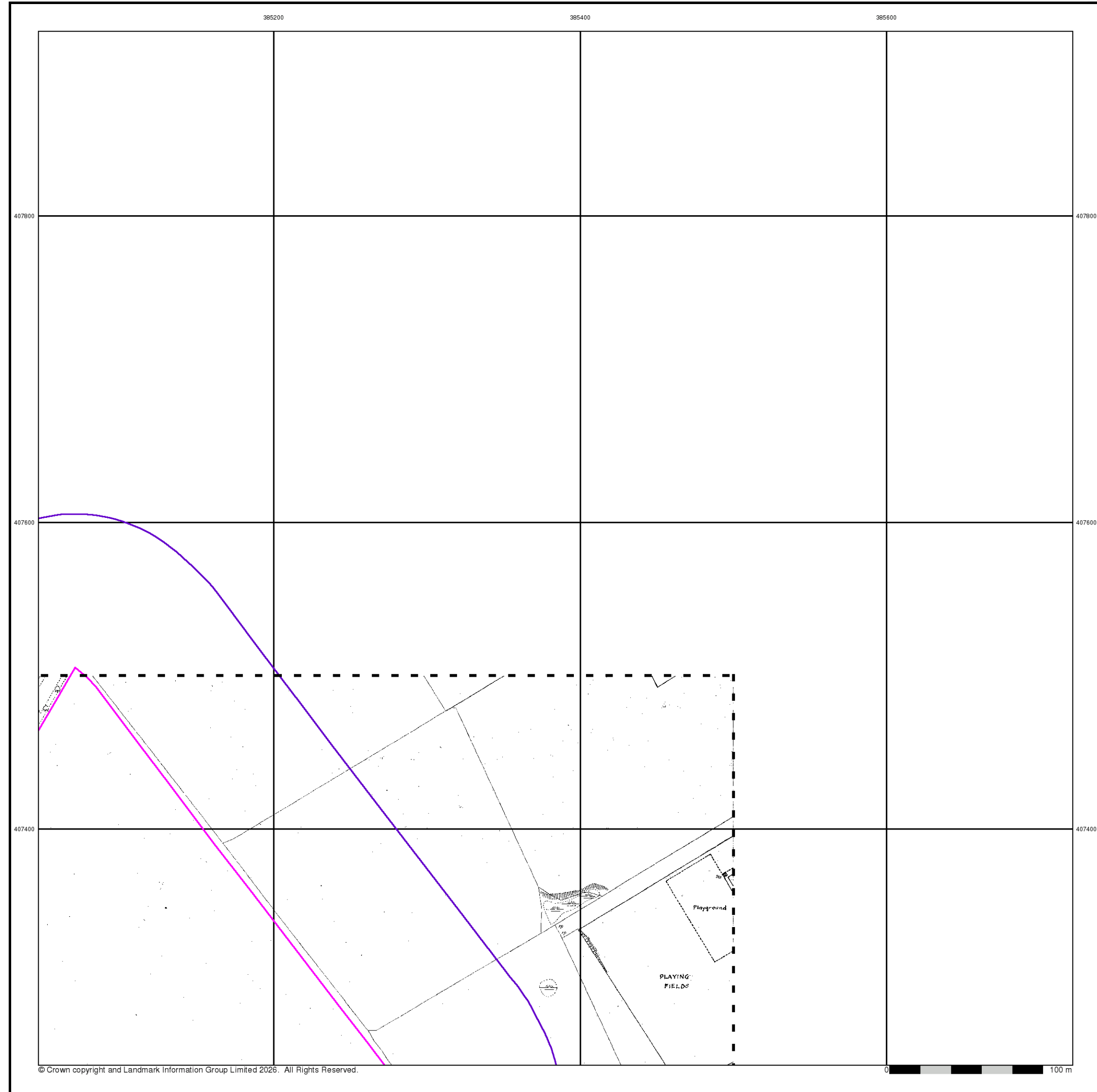


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 100

Site Details

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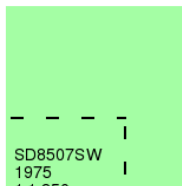
Supply of Unpublished Survey Information

Published 1975

Source map scale - 1:1,250

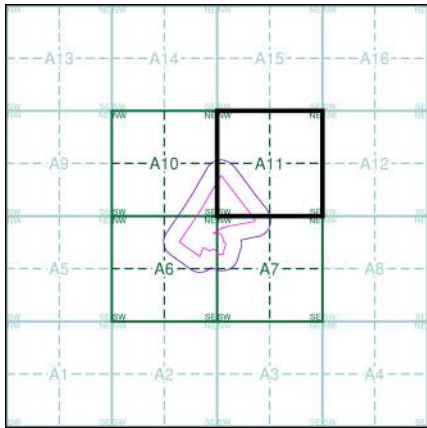
SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment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

Map Name(s) and Date(s)



SD8507SW
1975
1:1,250

Historical Map - Segment A11



Order Details

Order Number:	404276436_1_1
Customer Ref:	10-2721
National Grid Reference:	385040, 407220
Slice:	A
Site Area (Ha):	10.86
Search Buffer (m):	100

Site Details

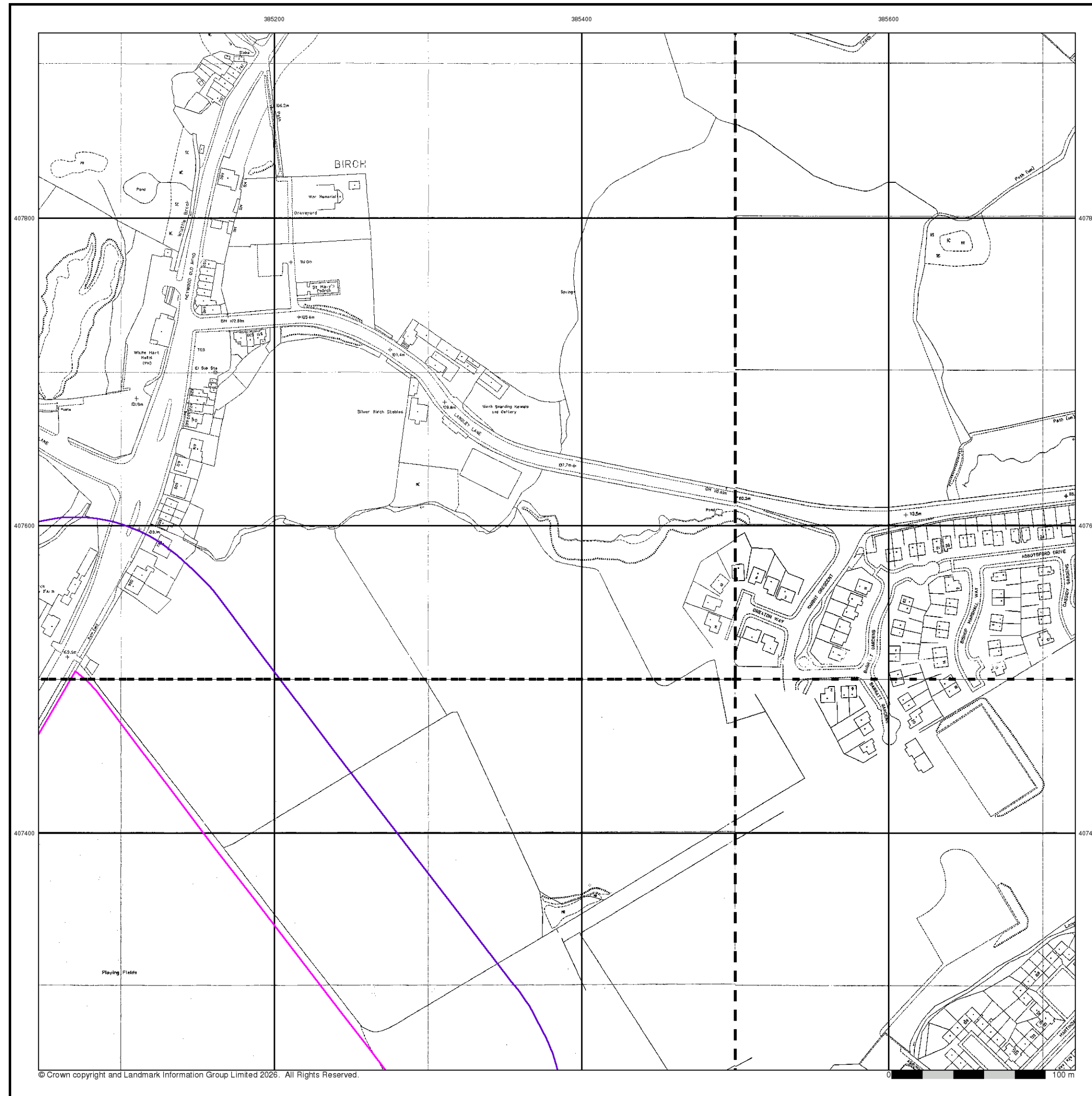
Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

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Large-Scale National Grid Data

Published 1992

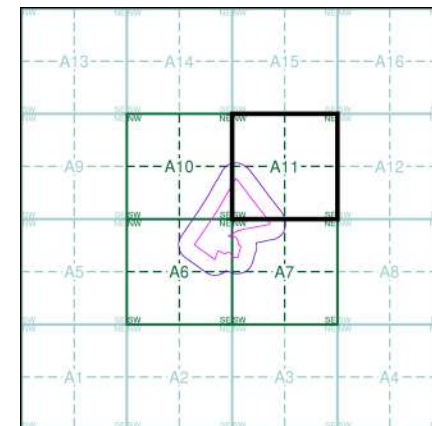
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD8507NW	SD8507NE
1992	1992
1:1,250	1:1,250
SD8507SW	SD8507SE
1992	1992
1:1,250	1:1,250

Historical Map - Segment A11



Order Details

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Customer Ref: 10-2721
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Site Details

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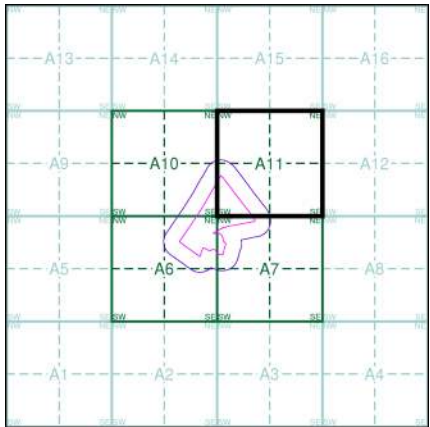
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Historical Aerial Photography

Published 2000

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

Historical Aerial Photography - Segment A11



Order Details

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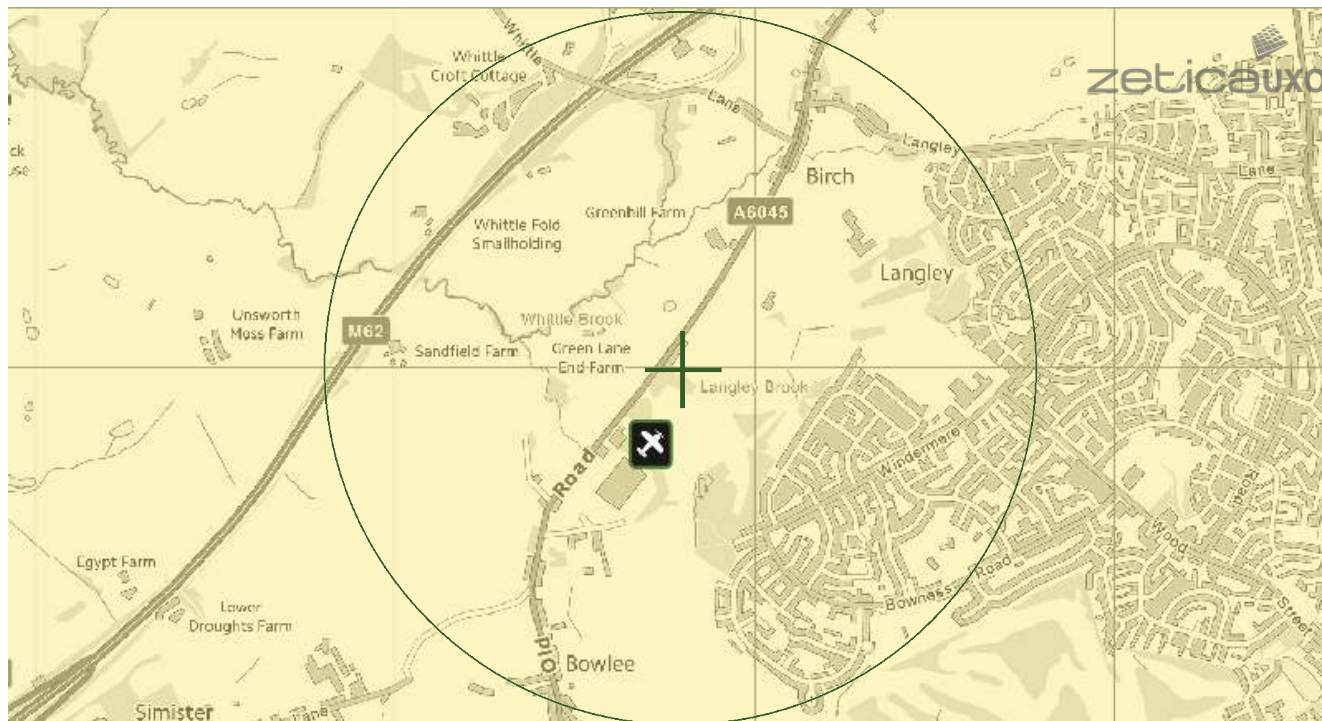
APPENDIX III
Zetica Bomb Risk Mapping

UNEXPLODED BOMB RISK MAP



SITE LOCATION

Location: M24 4SB,
Map Centre: 384765,407004



This map principally indicates a hazard from Unexploded Bombs (UXB) due to WWII bombardment. Other sources of Unexploded Ordnance (UXO) may be present. It should be noted that this map does not represent UXO risk and should not be reported as such when reproduced.

LEGEND

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

- Military**
- Industry**
- UXO find**
- Other**
- Transport**
- Docks**
- Luftwaffe targets**
- Utilities**
- Bombing decoy**
- Airfields**

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

This map indicates the potential for UXBs to be present because of World War Two (WWII) bombing. It can be incorporated into a technical report, such as a Phase 1 Desk Study, or similar document as an indication of the potential for UXO encounter on a Site. Other sources of UXO may also be indicated, although note that these are not comprehensive and more detailed research is required to confirm their presence.

What if my Site is in a moderate or high density area?

We typically recommend that a detailed UXO desk study and risk assessment is undertaken for sites in an area with a moderate or high bombing density. Additionally, if your site is in close proximity to a strategic target, military establishment, airfield or bombing decoy, then [additional detailed research](#) is recommended.

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

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

If you are unsure whether other sources of UXO may be present, you can request one of our [pre-desk study assessments \(PDSA\)](#) by emailing a site boundary and location to pdsa@zetica.com.

You should never plan site work or undertake a risk assessment using these maps alone. More detail is required, to include an assessment of the likelihood of a source of UXO hazard from other military activity not reflected on these maps.

If I have any questions, who do I contact?

tel: [+44 \(0\) 1993 886682](tel:+44201993886682) email: uxo@zetica.com web: www.zeticauxo.com

The information in this UXB risk map is derived from a range of sources and should be used with the [accompanying notes on our website](#).

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

APPENDIX IV
Geological Maps

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

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

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	HMGDD	Hummocky (Moundy) Glacial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFCD	Glaciofluvial Ice Contact Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	HMGDD	Hummocky (Moundy) Glacial Deposits, Devensian	Diamicton	Not Supplied - Devensian
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	LDE	Lacustrine Deposits	Sand and Gravel	Not Supplied - Quaternary
	PEAT	Peat	Peat	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHES	Chester Formation	Sandstone	Not Supplied - Olenekian
	MM	Manchester Marls Formation	Mudstone	Not Supplied - GUADALUPIAN
	PMCM	Pennine Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	PLCM	Pennine Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	RYSA	Royley Sandstone	Sandstone	Not Supplied - Westphalian
	OL	Old Lawrence Rock	Sandstone	Not Supplied - Westphalian
	PLCM	Pennine Lower Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	WH	Woodhead Hill Rock	Sandstone	Not Supplied - Westphalian
	BLR	Blentire Rock	Sandstone	Not Supplied - Westphalian
	HER	Helpet Edge Rock	Sandstone	Not Supplied - Westphalian
	ROSSE	Rossendale Formation	Mudstone and Siltstone	Not Supplied - Namurian
	RR	Rough Rock	Sandstone	Not Supplied - Namurian
		Rock Segments		
		Faults		

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Geology 1:50,000 Maps

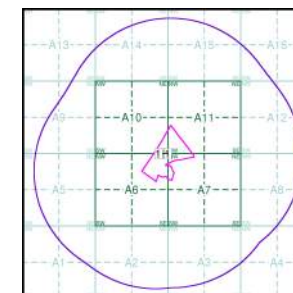
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

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

Geology 1:50,000 Maps - Slice A



Order Details:

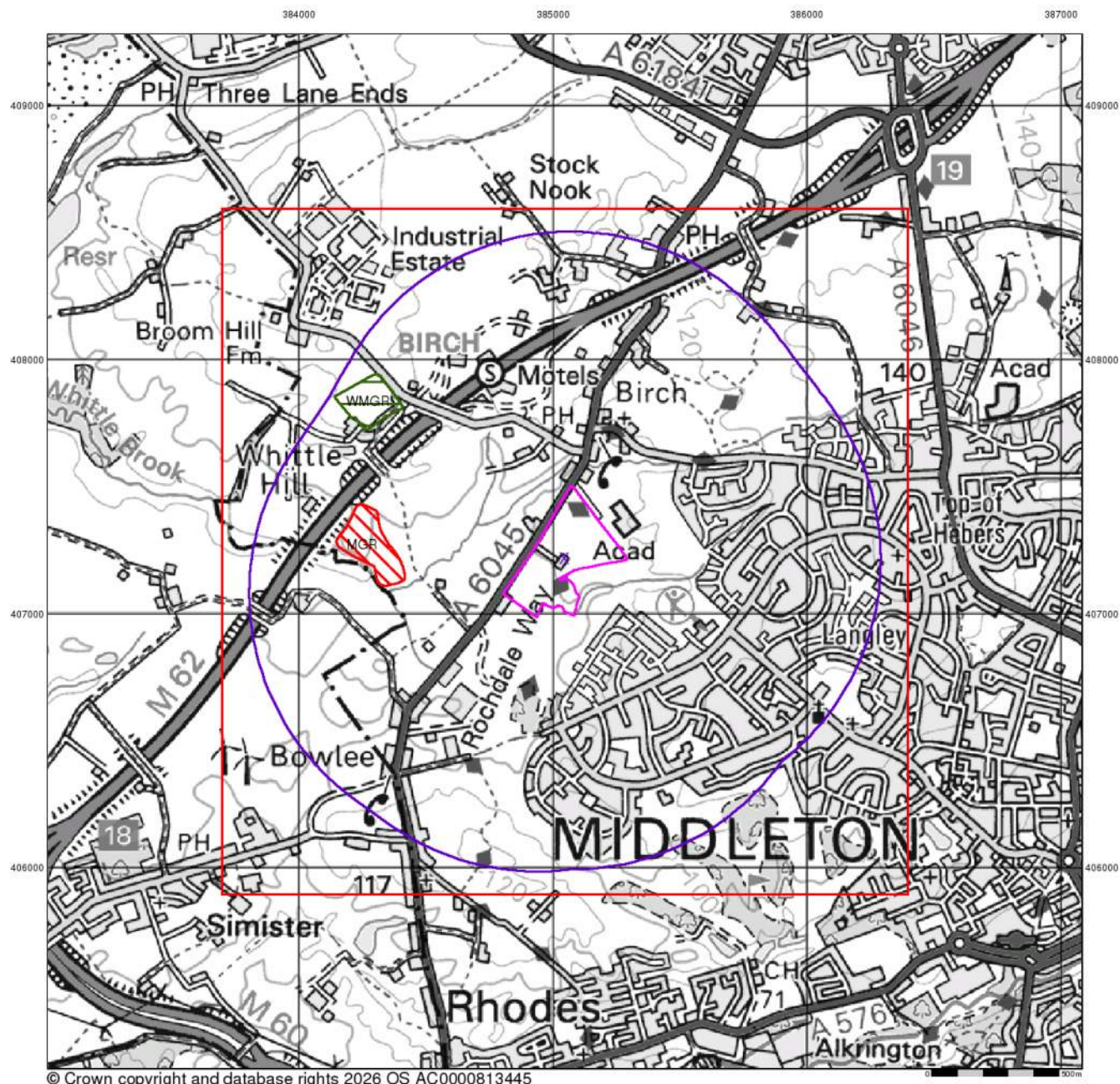
Order Number: 404276436_1_1
Customer Reference: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details:

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

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



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Artificial Ground and Landslip

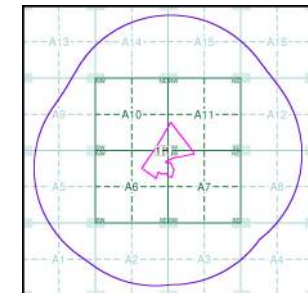
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

Order Number: 404276436_1_1
 Customer Reference: 10-2721
 National Grid Reference: 385040, 407220
 Slice: A
 Site Area (Ha): 10.86
 Search Buffer (m): 1000

Site Details:

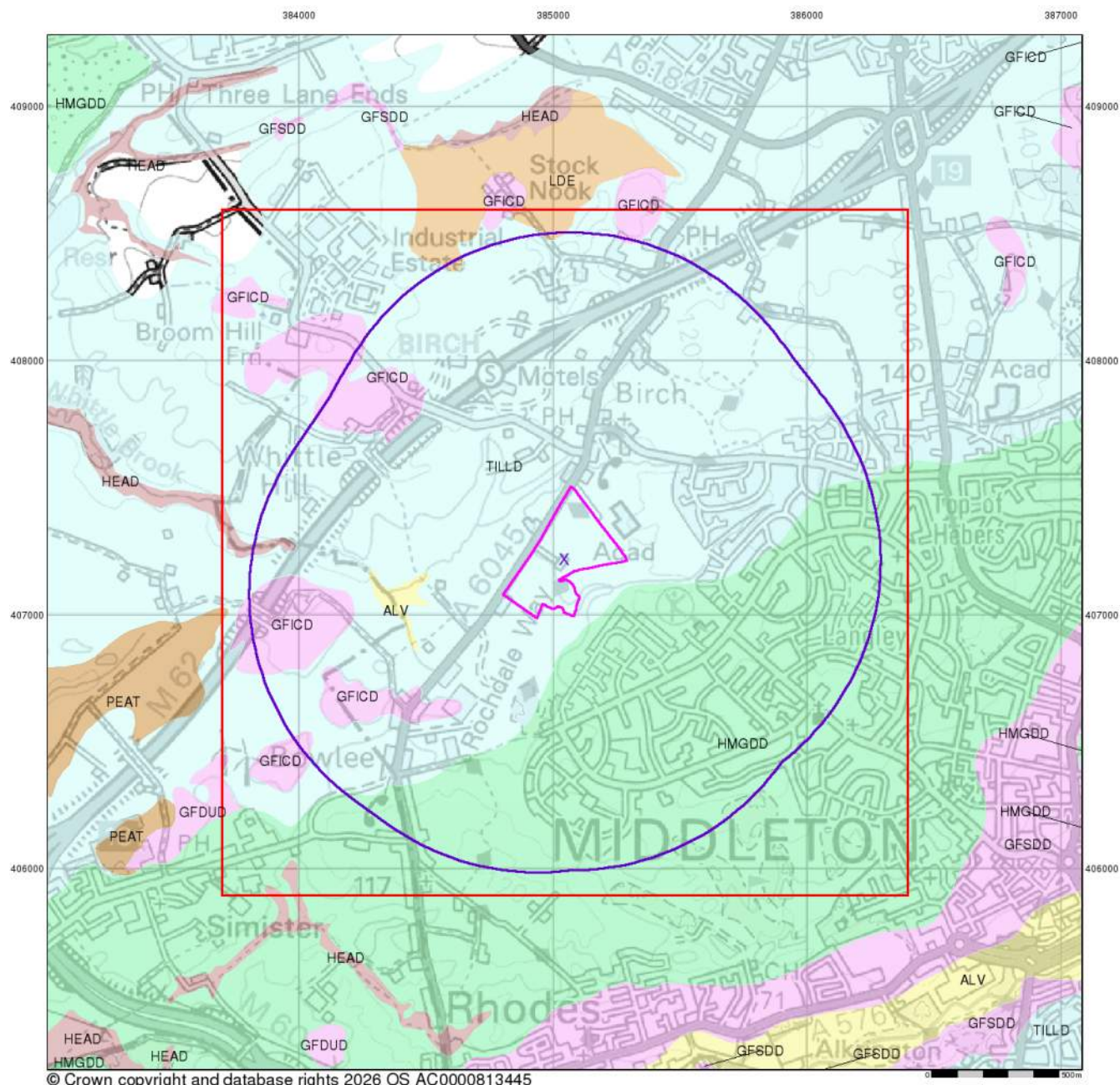
Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

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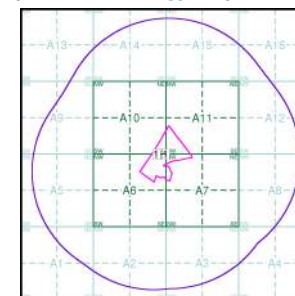
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

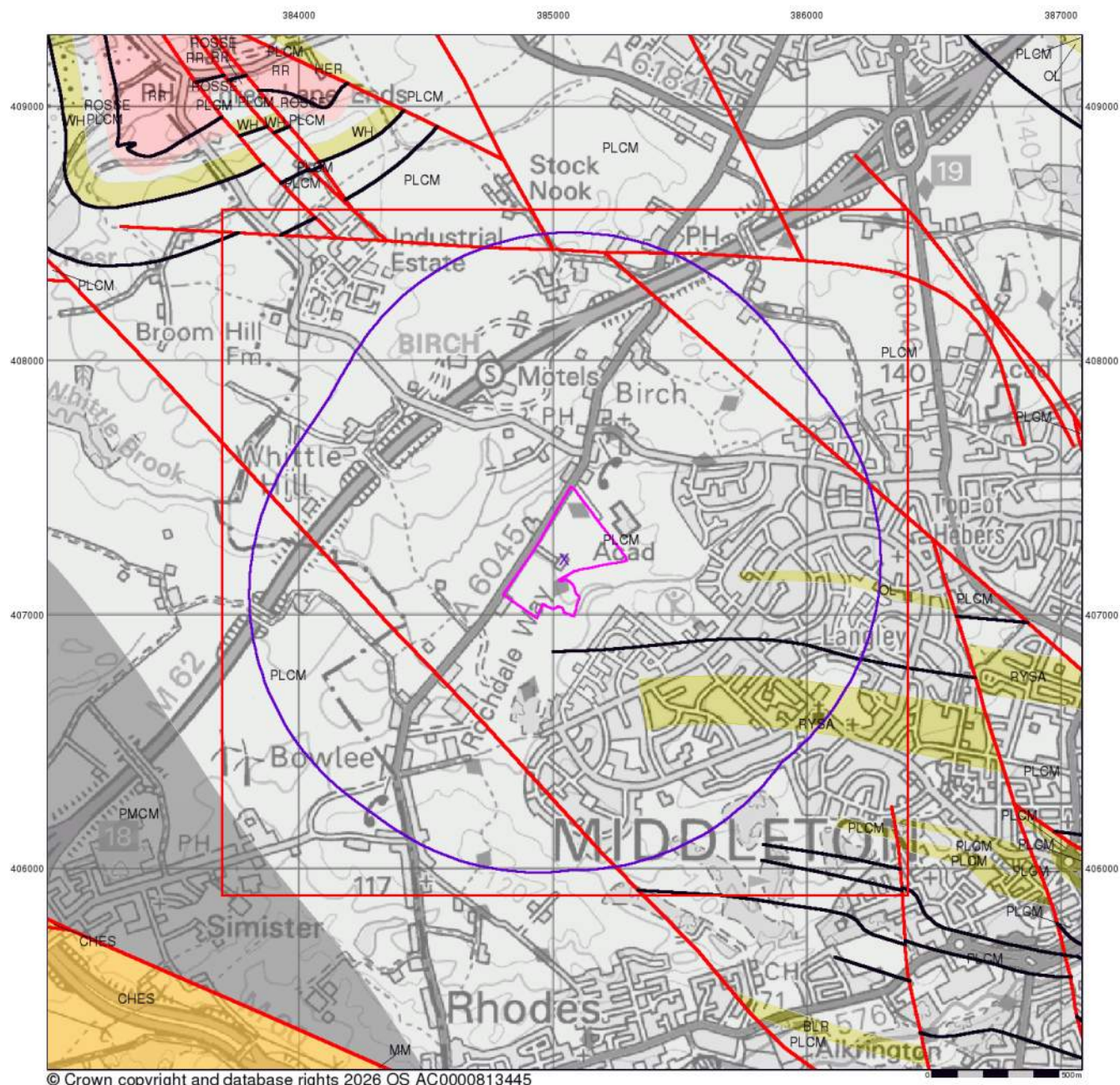
Order Number: 404276436_1_1
 Customer Reference: 10-2721
 National Grid Reference: 385040, 407220
 Slice: A
 Site Area (Ha): 10.86
 Search Buffer (m): 1000

Site Details:

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Bedrock and Faults

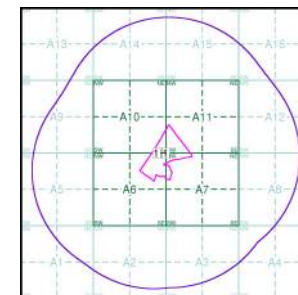
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

Order Number: 404276436_1_1
 Customer Reference: 10-2721
 National Grid Reference: 385040, 407220
 Slice: A
 Site Area (Ha): 10.86
 Search Buffer (m): 1000

Site Details:

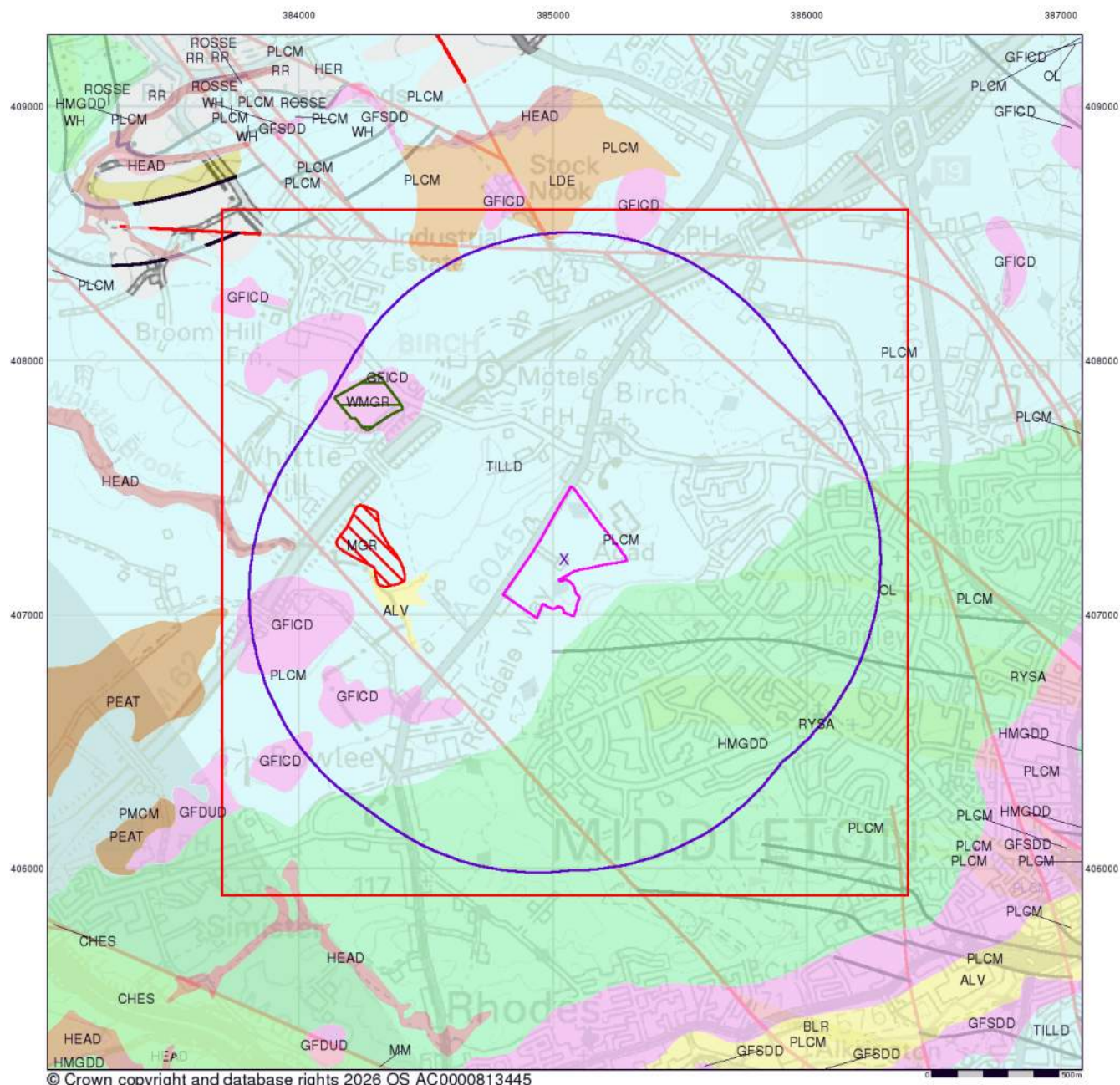
Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

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Combined Surface Geology

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

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

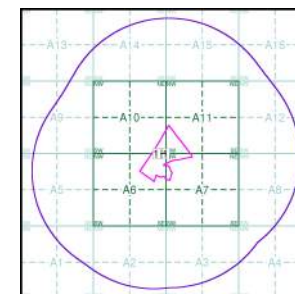
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

Order Number: 404276436_1_1
Customer Reference: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details:

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

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

APPENDIX V
Consultants Coal Mining Report



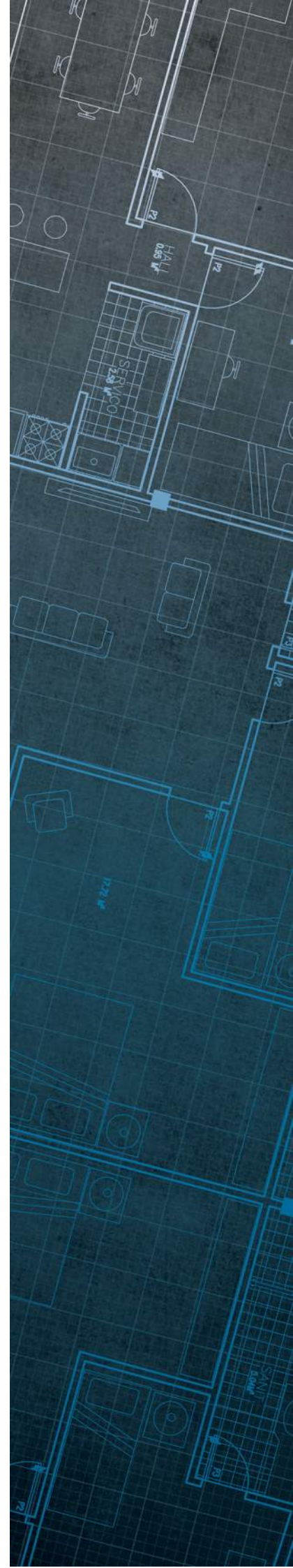
The Coal
Authority

Consultants Coal Mining Report

Bowlee Community Park
Heywood Old Rd
Middleton
Greater Manchester
M24 4LA

Date of enquiry:	10 June 2026
Date enquiry received:	10 June 2026
Issue date:	10 June 2026

Our reference:	51003575842001
Your reference:	404421500_1



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

NLIS Hub

Enquiry address

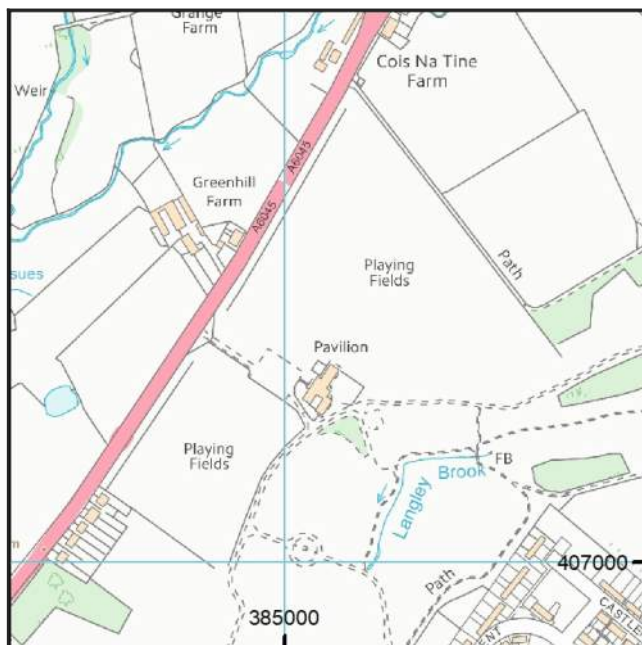
Bowlee Community Park
Heywood Old Rd
Middleton
Greater Manchester
M24 4LA

How to contact us

0345 762 6848 (UK)
+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

reports@miningremediation.gov.uk



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

No past mining recorded.

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

16820		
-------	--	--

For assistance in identifying the specific abandoned mine plans relevant to your requirements, **please contact us at InformationManagers@MiningRemediation.gov.uk**.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

Withdrawal of support notices

The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Section 4 – Further information

Based on the responses in this report, no further information has been highlighted.

Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority.

MINE GAS: Please note, if there are no recorded instances of mine gas within 500m of the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **email us at reports@miningremediation.gov.uk**.

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

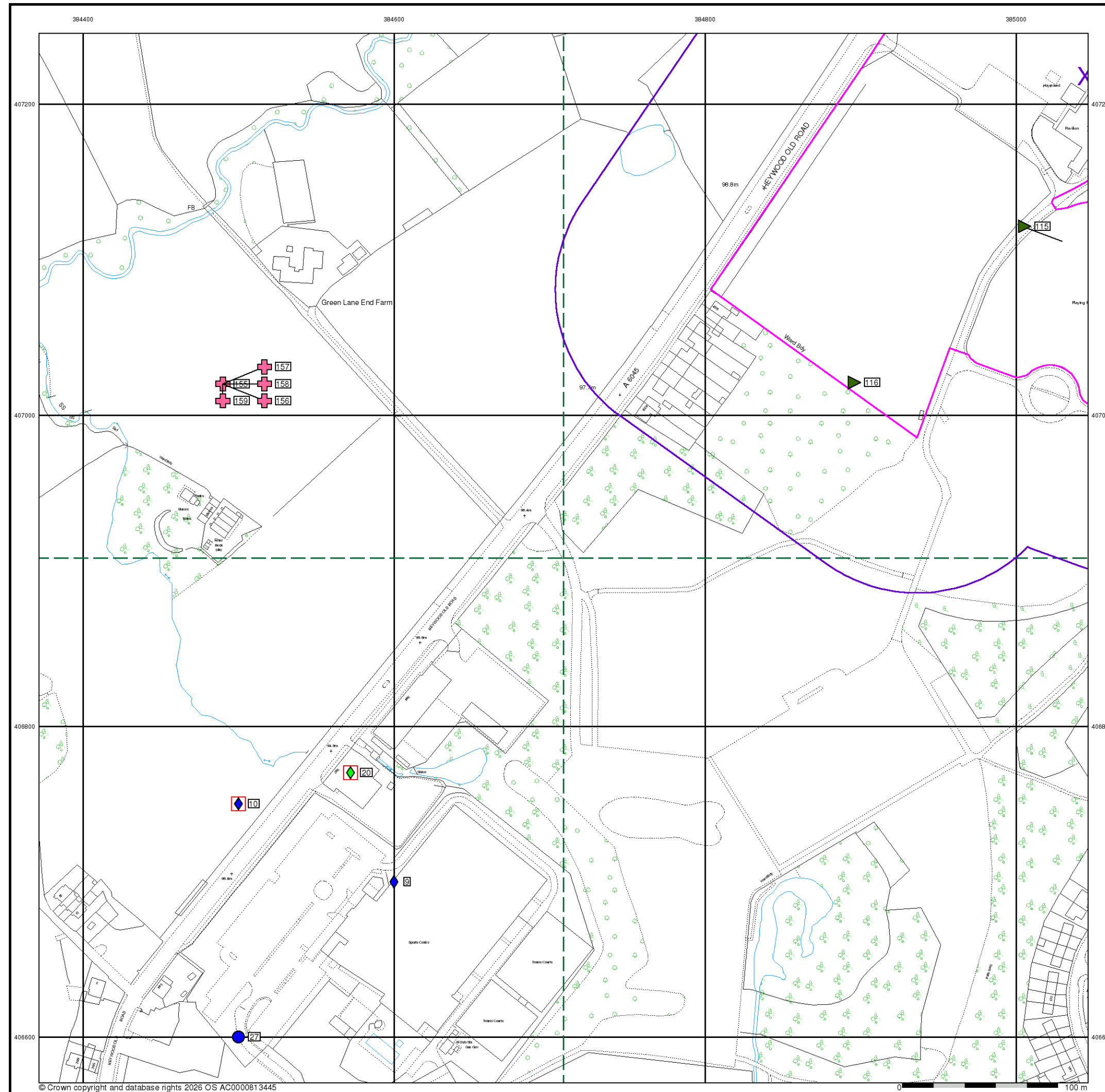
Withdrawal of support notices

Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land

Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

APPENDIX VI
EA Site Sensitivity & Flood Risk Maps



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General

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

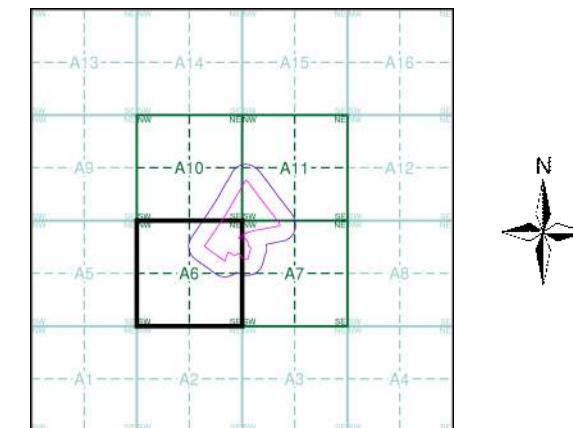
Agency and Hydrological

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

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement
- BGS Recorded Mineral Site
- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site
- Waste Exemption Permits

Site Sensitivity Map - Segment A6

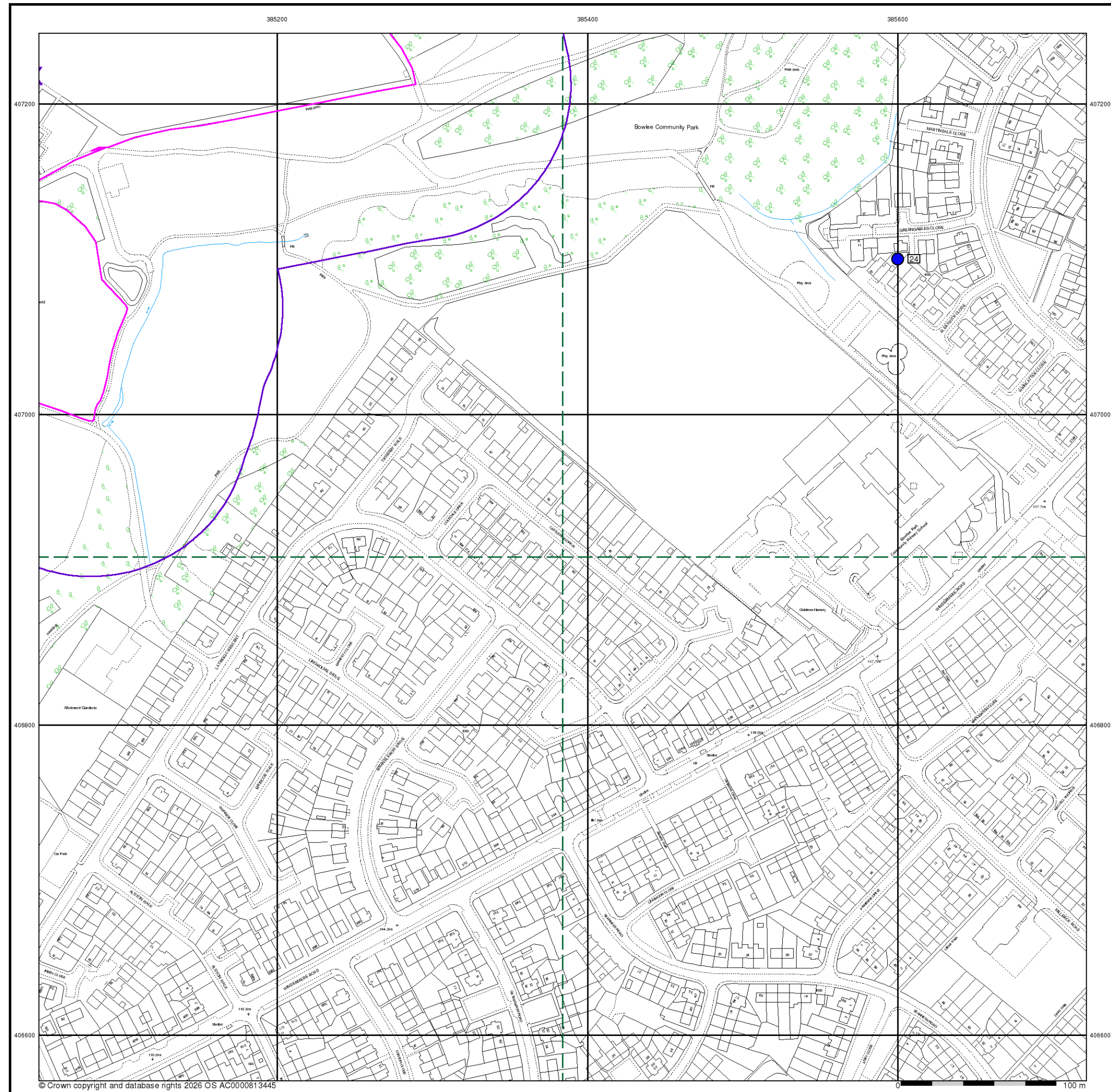


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Plot Buffer (m): 100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



- General

Specified Site

Several of Type at Location

Specified Buffer(s)

Pylon

Bearing Reference Point

Overhead Transmission Line

Map ID

Agency and Hydrological

Contaminated Land Register Entry or Notice (Location)

Contaminated Land Register Entry or Notice

Discharge Consent

Enforcement or Prohibition Notice

Integrated Pollution Control

Integrated Pollution Prevention Control

Local Authority Integrated Pollution Prevention and Control

Local Authority Pollution Prevention and Control

Local Authority Pollution Prevention and Control Enforcement

Pollution Incident to Controlled Waters

Historical Prosecutions

Prosecutions

Registered Radioactive Substance

River Network or Water Feature

Substantiated Pollution Incident Register

Water Abstraction

Water Industry Act Referral

BGS Recorded Landfill Site (Location)

BGS Recorded Landfill Site

EA Historic Landfill (Buffered Point)

EA Historic Landfill (Polygon)

Integrated Pollution Control Registered Waste Site

Licensed Waste Management Facility (Landfill Boundary)

Licensed Waste Management Facility (Location)

Local Authority Recorded Landfill Site (Location)

Local Authority Recorded Landfill Site

Potentially Infilled Land (Non-water)

Potentially Infilled Land (Non-water)

Potentially Infilled Land (Non-water)

Potentially Infilled Land (Water)

Potentially Infilled Land (Water)

Potentially Infilled Land (Water)

Potentially Infilled Land (Water)

Registered Landfill Site

Registered Landfill Site (Location)

Registered Landfill Site (Point Buffered to 100m)

Registered Landfill Site (Point Buffered to 250m)

Registered Waste Transfer Site (Location)

Registered Waste Transfer Site

Registered Waste Treatment or Disposal Site (Location)

Registered Waste Treatment or Disposal Site

Waste Exemption Permits

Hazardous Substances

COMAH Site

Explosive Site

NIHHS Site

Planning Hazardous Substance Consent

Planning Hazardous Substance Enforcement

BGS Recorded Mineral Site
- Site Sensitivity Map - Segment A7
- Order Details

Order Number:

404276436_1_1

Customer Ref:

10-2721

National Grid Reference:

385040, 407220

Slice:

A

Site Area (Ha):

10.86

Plot Buffer (m):

100
- Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA
- Landmark®

INFORMATION GROUP

Tel:

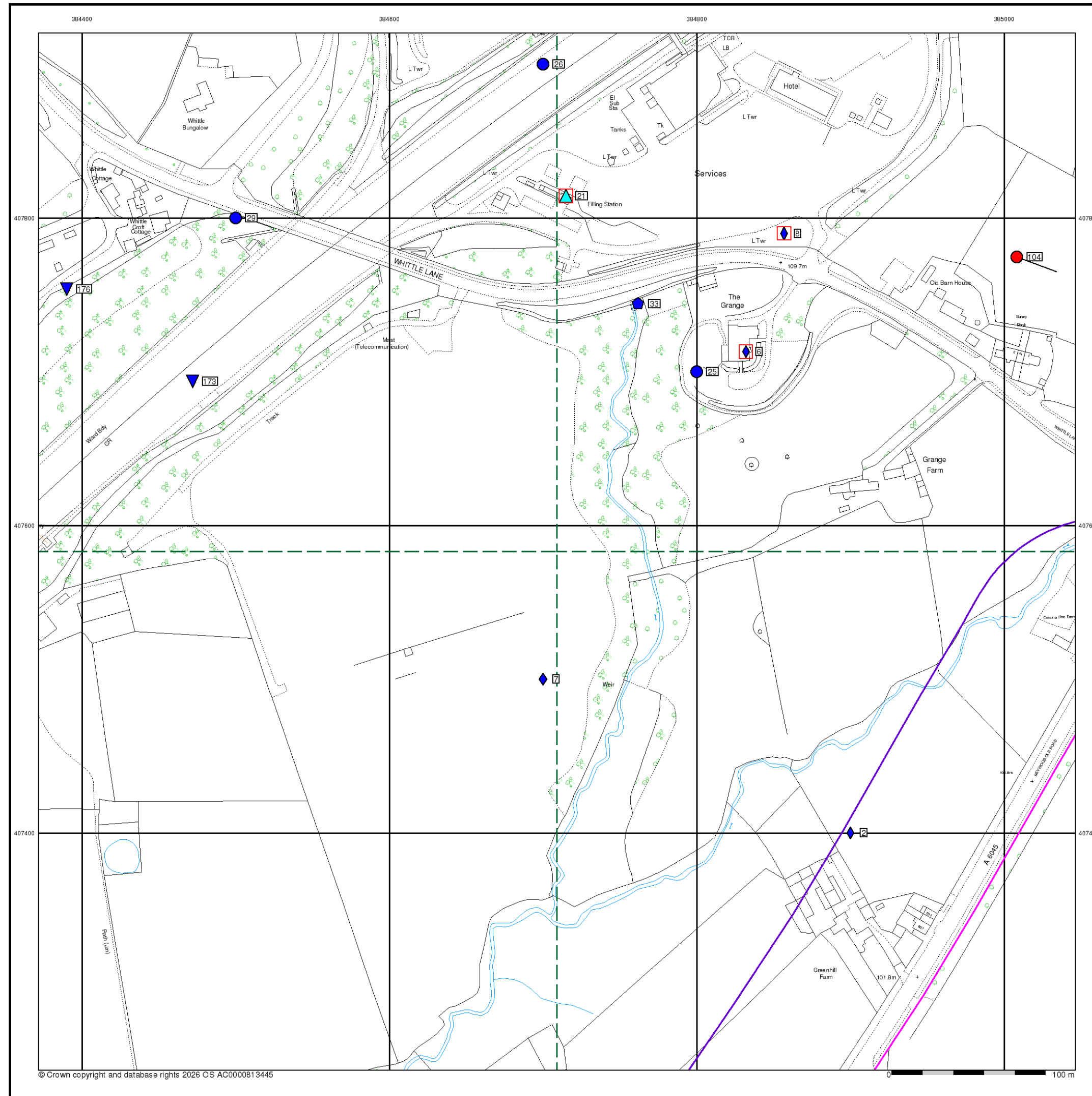
0844 844 9952

Fax:

0844 844 9951

Web:

www.envirocheck.co.uk
- A Landmark Information Group Service v50.0 09-Jun-2026 Page 2 of 8



- General**

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

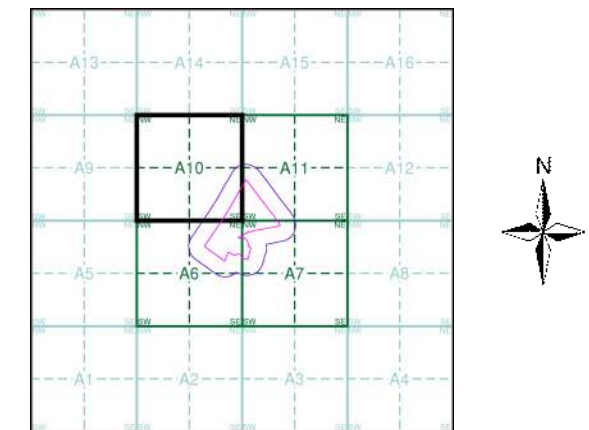
 - Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Historical Prosecutions
 - Prosecutions
 - Registered Radioactive Substance
 - River Network or Water Feature
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**

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

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

 - BGS Recorded Mineral Site

Site Sensitivity Map - Segment A10

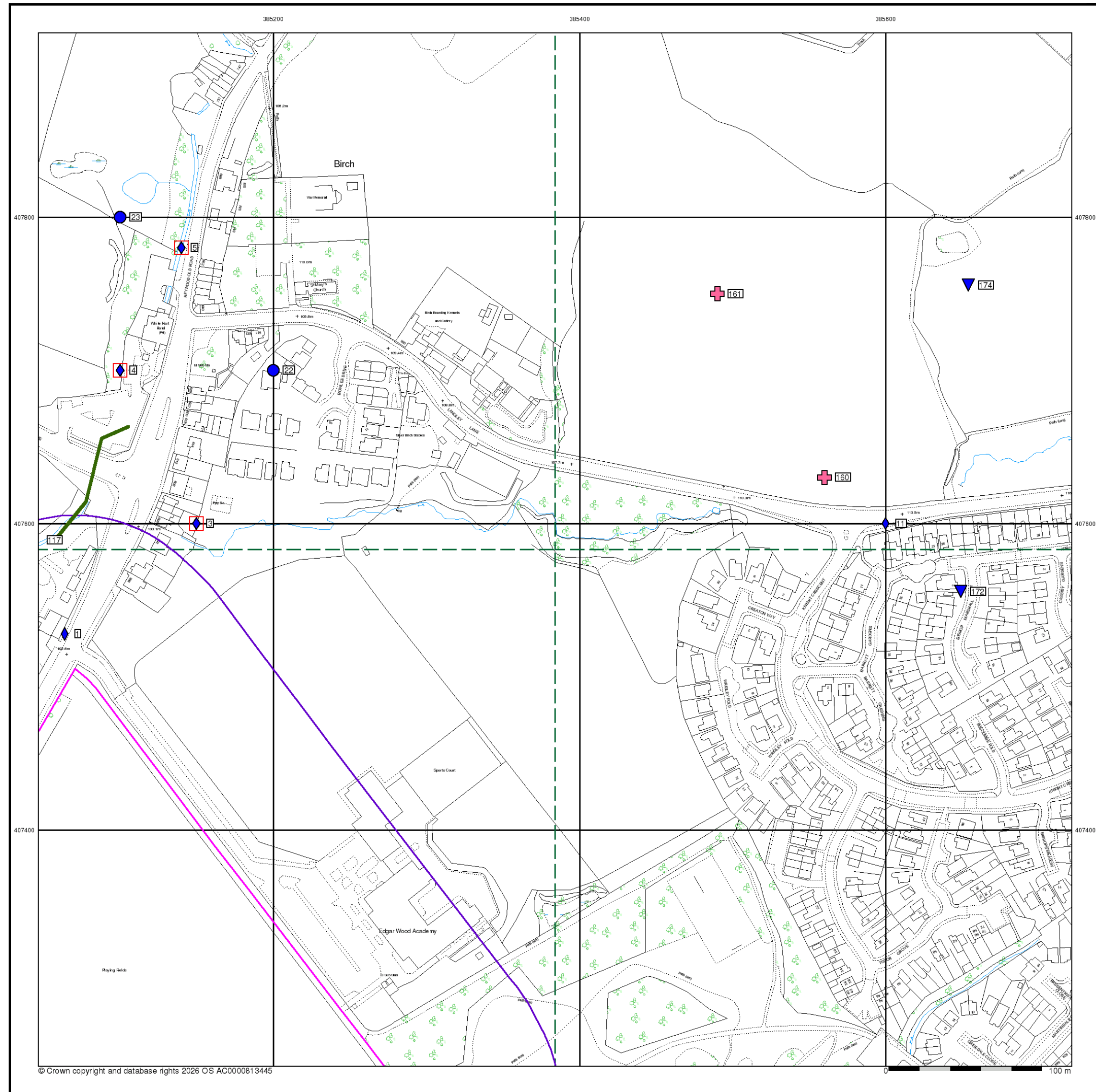


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Plot Buffer (m): 100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



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General

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

Agency and Hydrological

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

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- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site
- Waste Exemption Permits

Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A11

Order Details

Order Number:	404276436_1_1
Customer Ref:	10-2721
National Grid Reference:	385040, 407220
Slice:	A
Site Area (Ha):	10.86
Plot Buffer (m):	100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

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Radon Affected Areas and Protection Measures

General

Specified Site Specified Buffer(s) Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment A6

N

Order Details

Order Number:	404276436_1_1
Customer Ref:	10-2721
National Grid Reference:	385040, 407220
Slice:	A
Site Area (Ha):	10.86
Plot Buffer (m):	100

Site Details

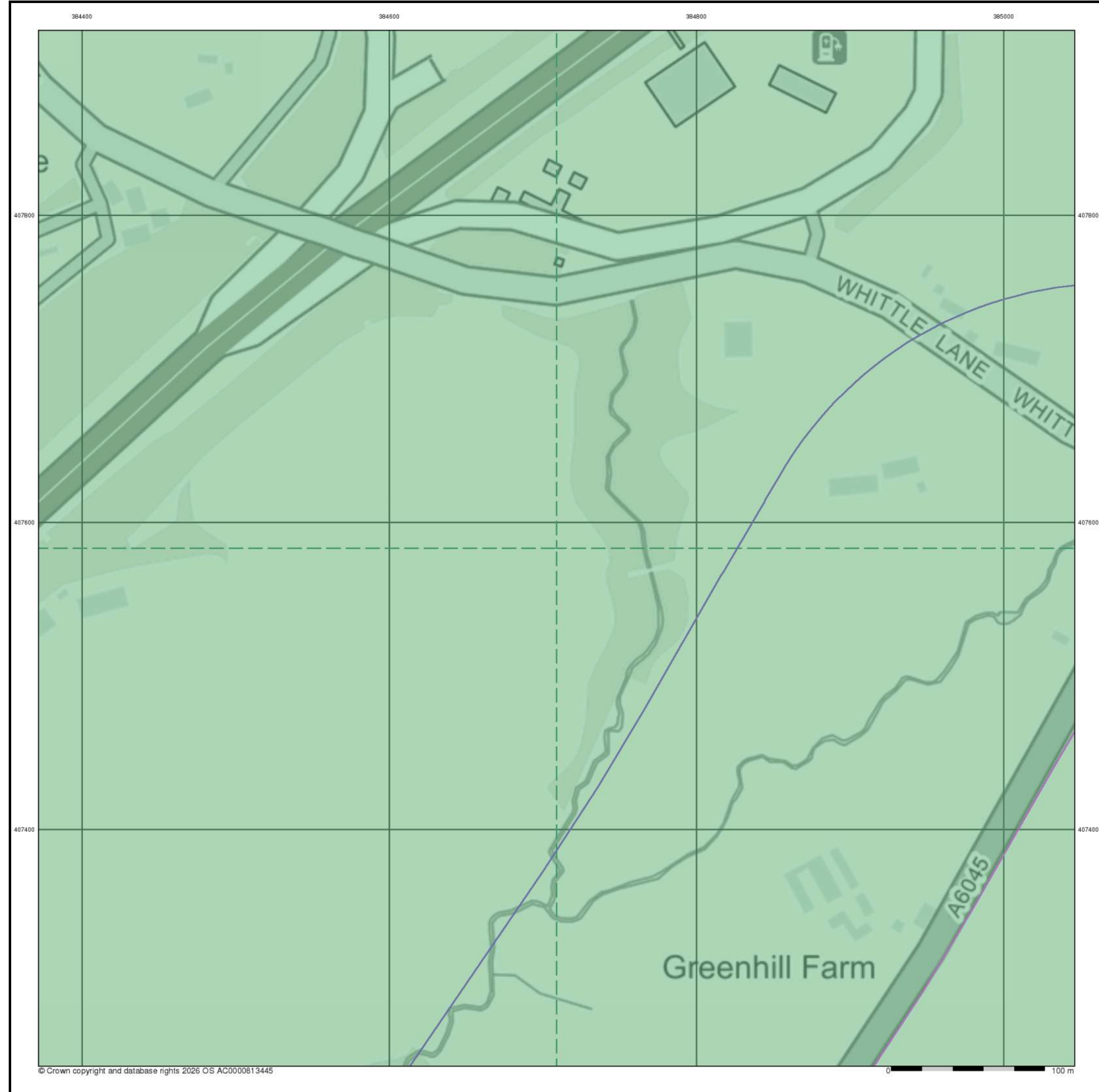
Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

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Radon Affected Areas and Protection Measures

General

Specified Site Specified Buffer(s) Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment A10

Order Details

Order Number:	404276436_1_1
Customer Ref:	10-2721
National Grid Reference:	385040, 407220
Slice:	A
Site Area (Ha):	10.86
Plot Buffer (m):	100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

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Radon Affected Areas and Protection Measures

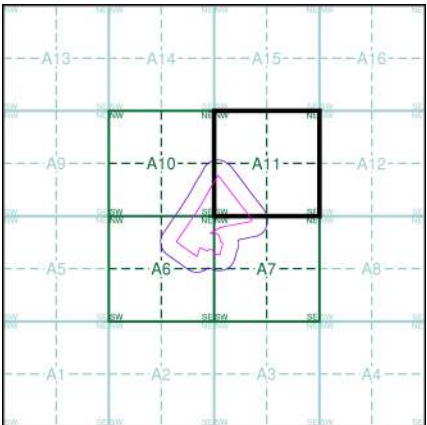
General

Specified Site Specified Buffer(s) Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment A11

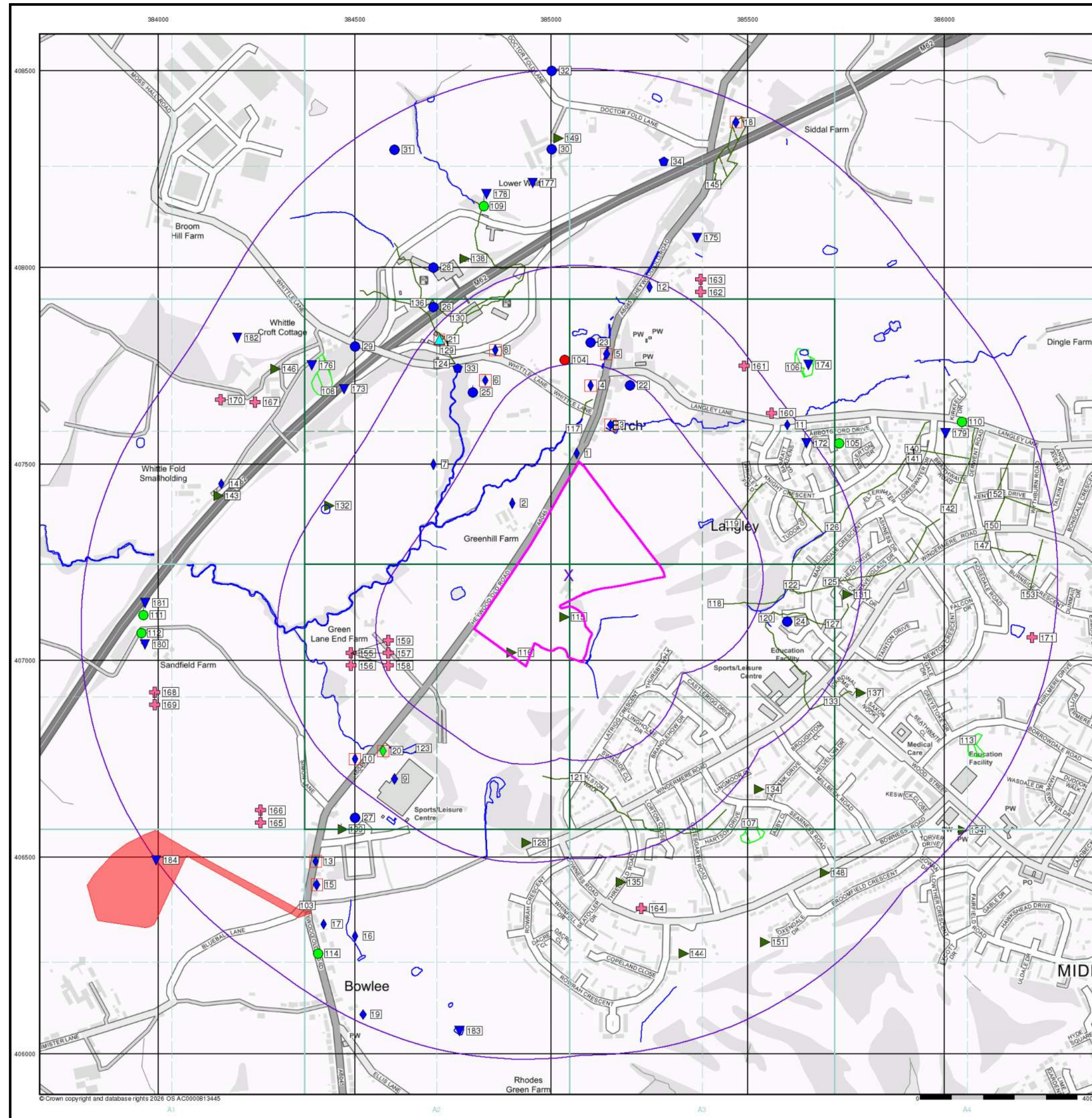


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Plot Buffer (m): 100

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



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General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention and Control
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- Local Authority Pollution Prevention and Control
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- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site
- Waste Exemption Permits

Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Slice A

Order Details

Order Number:	404276436_1_1
Customer Ref:	10-2721
National Grid Reference:	385040, 407220
Slice:	A
Site Area (Ha):	10.86
Search Buffer (m):	1000

Site Details

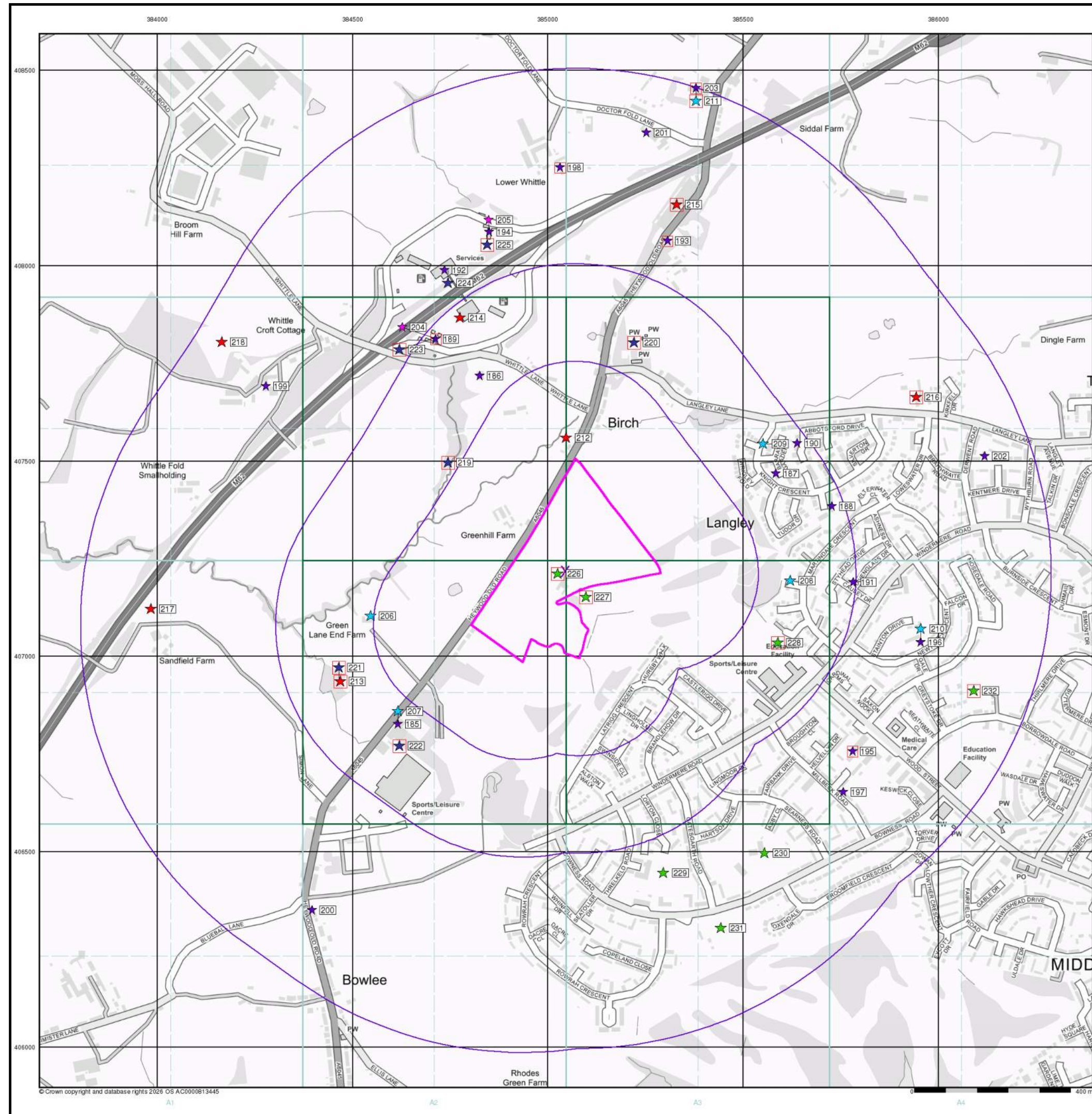
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Industrial Land Use Map

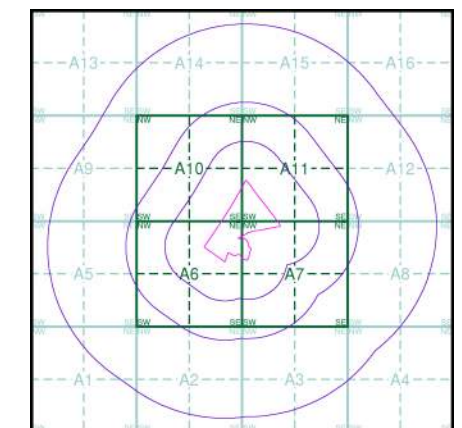
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Pollution Inventory - Substances
- Pollution Inventory - Waste Transfers
- Pollution Inventory - Radioactive Waste
- Underground Electrical Cables

Industrial Land Use Map - Slice A

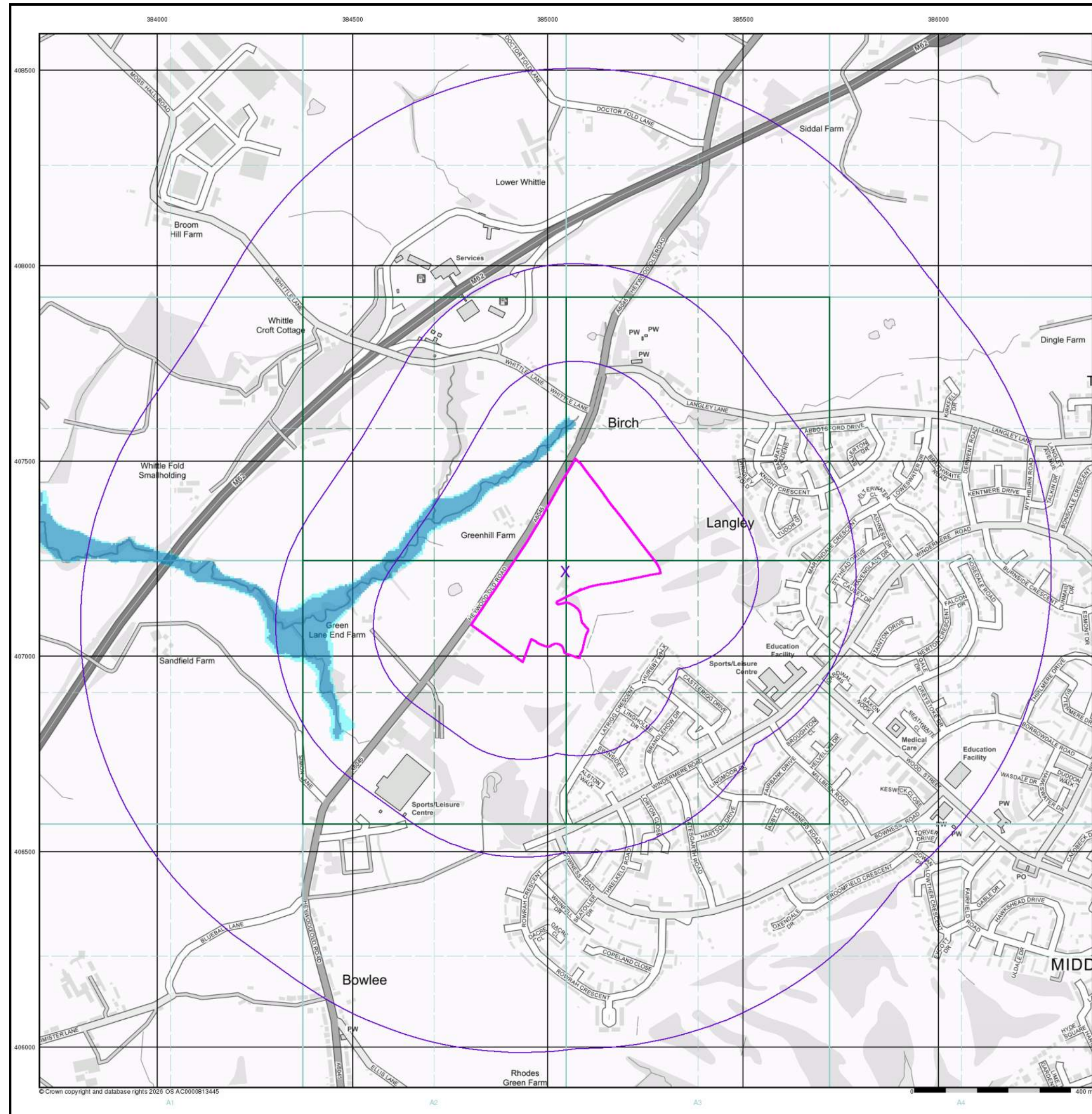


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



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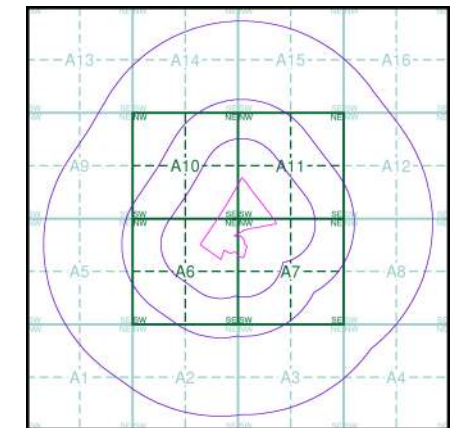
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A

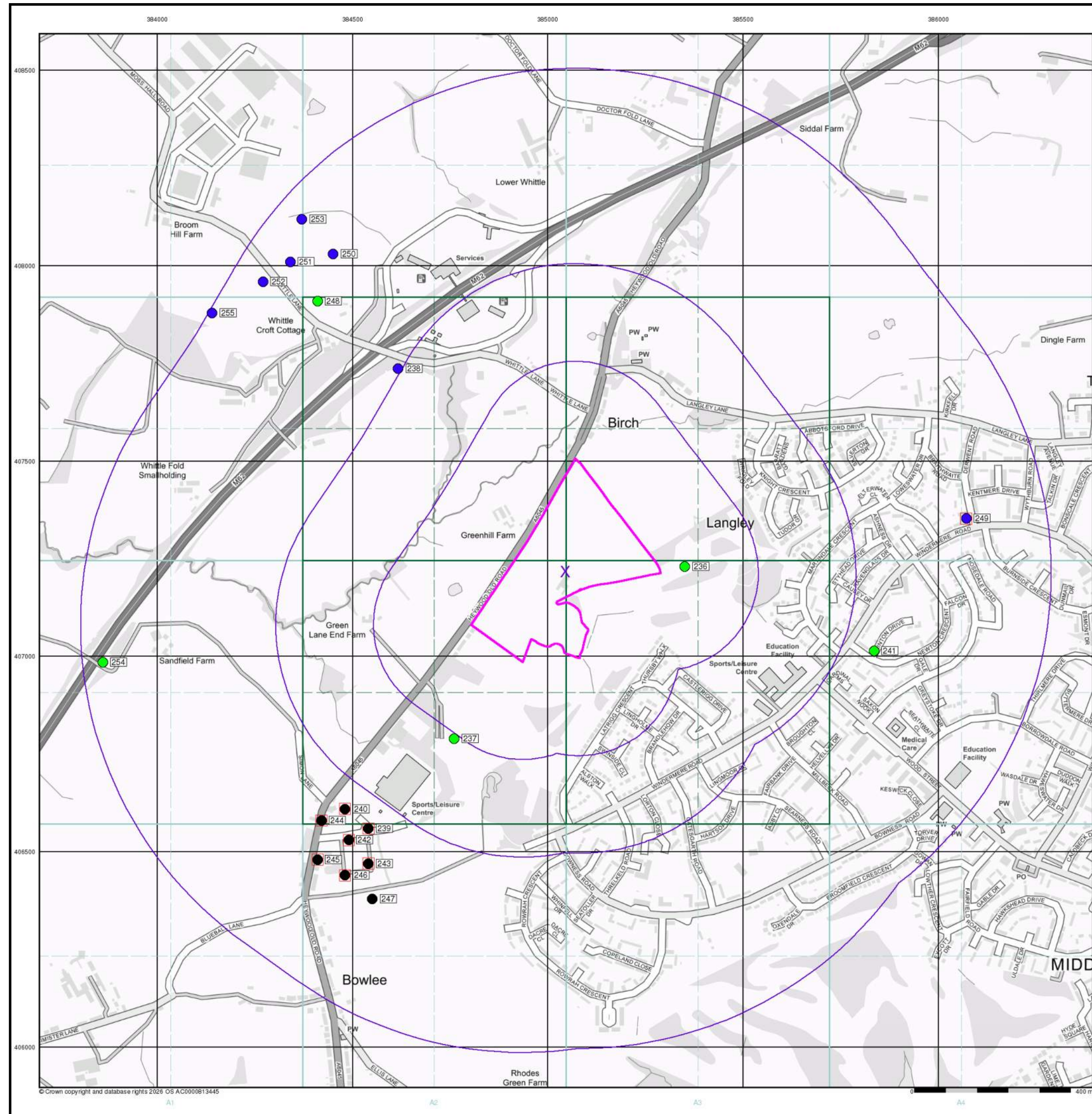


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



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General

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

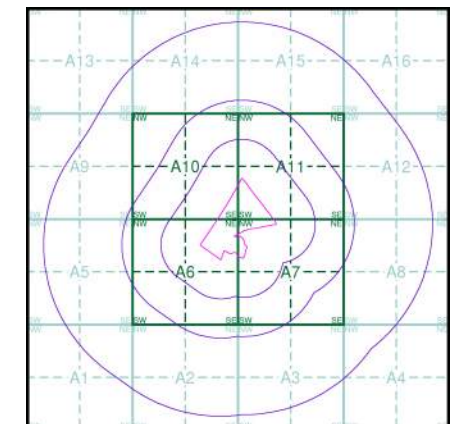
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

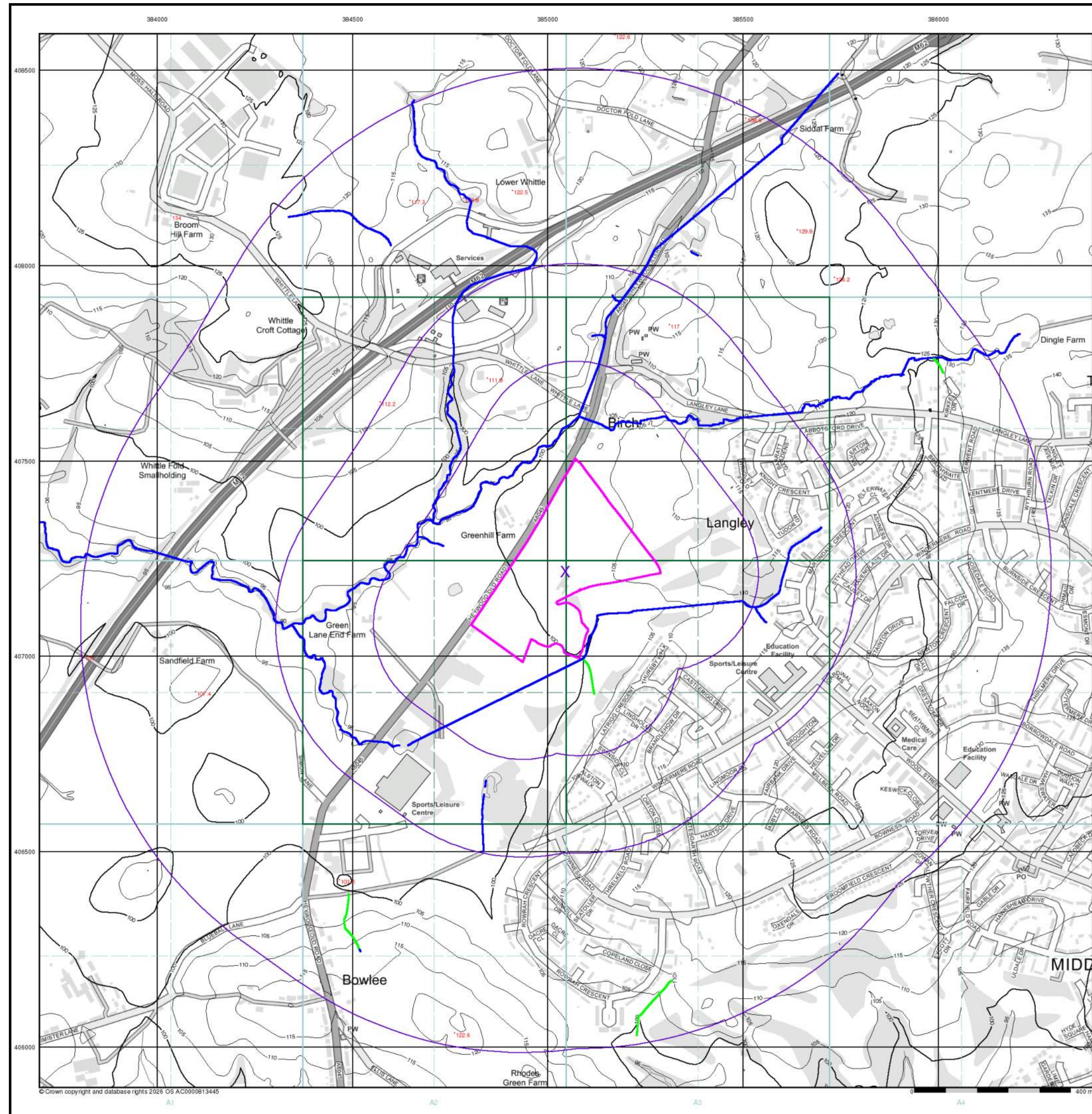


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



General

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

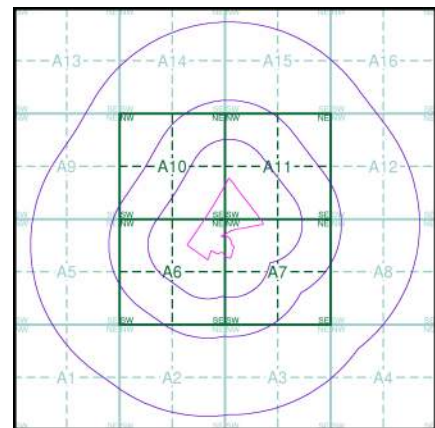
OS NGD Water Network Links Data

- | | |
|--------------|-------------|
| Canal | Drain |
| Canal Feeder | Other |
| Reservoir | Still Water |
| Foreshore | Leat |
| Marsh | Lock |
| Watercourse | Sea |
| Overflow | |

Contours (height in metres)

- Standard Contour: 105, 100, 95
- Master Contour: 105, 100, 95
- Spot Height: 167.3
- MLW: Mean Low Water
- MHW: Mean High Water

OS NGD Water Network Map - Slice A

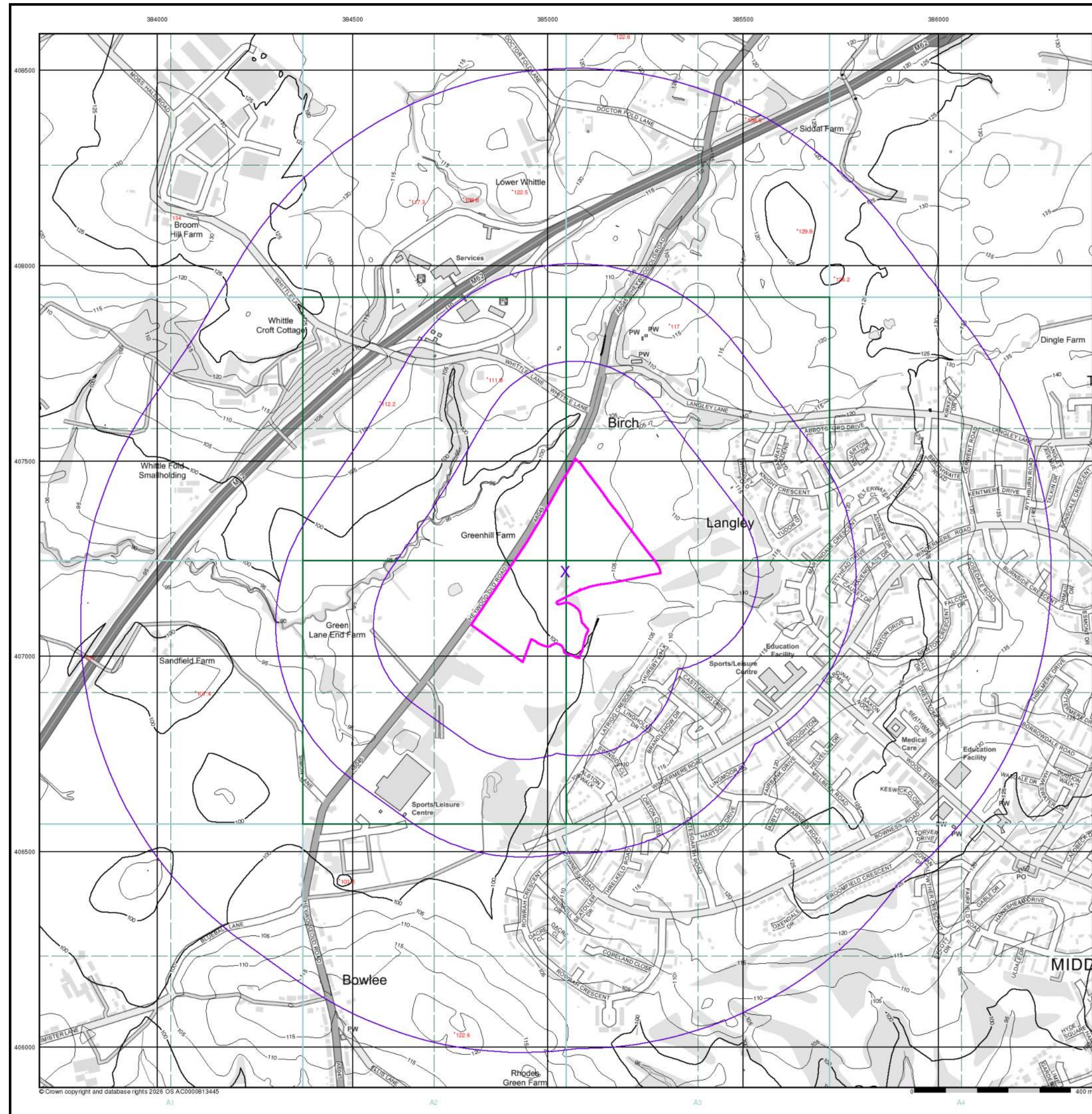


Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



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WFD Surface Waters Map

General

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

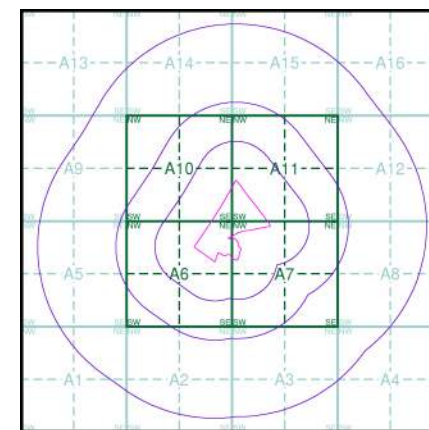
Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

Contours (height in meters)

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

WFD Surface Waters Map - Slice A



Order Details

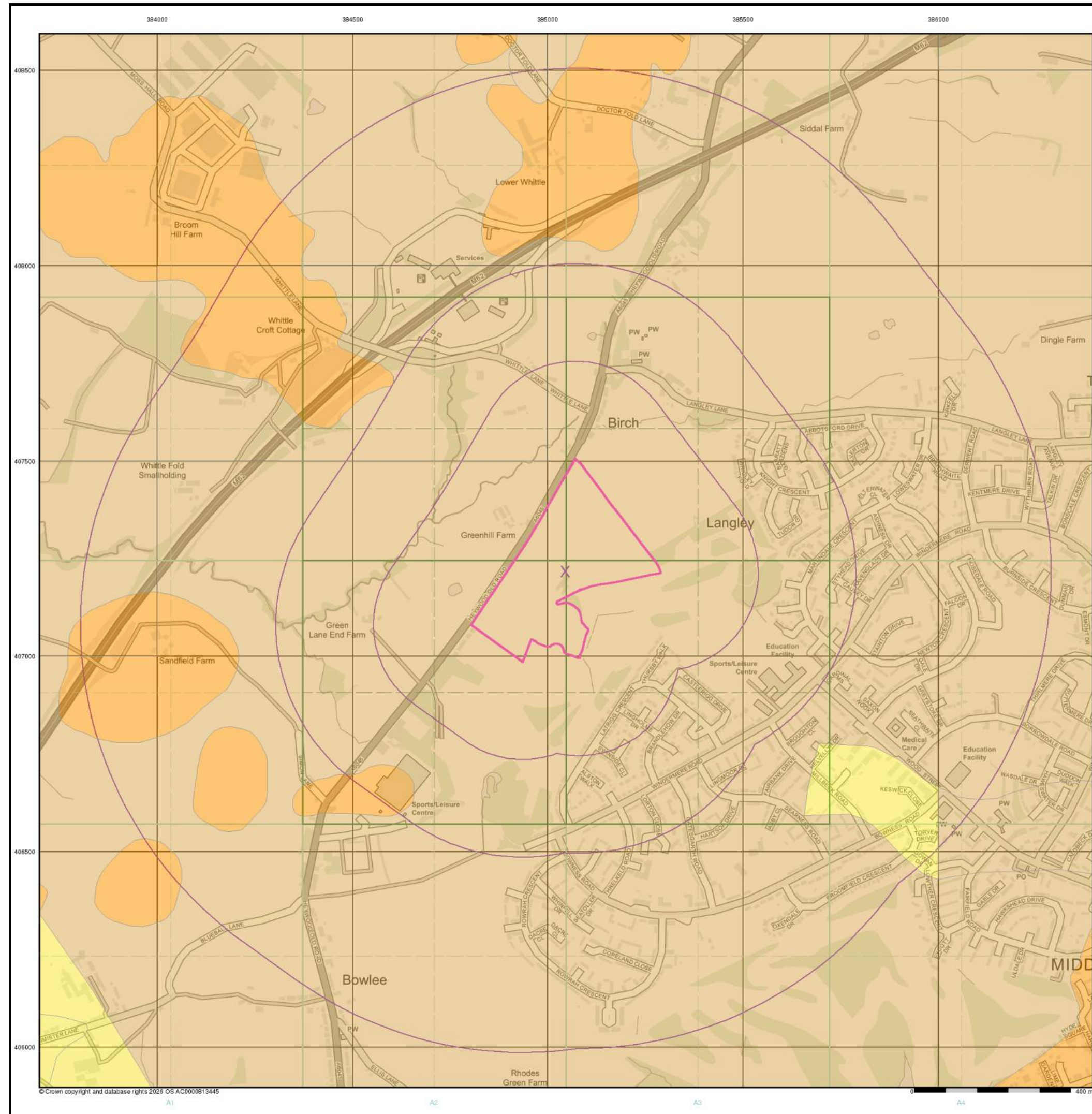
Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

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INFORMATION GROUP

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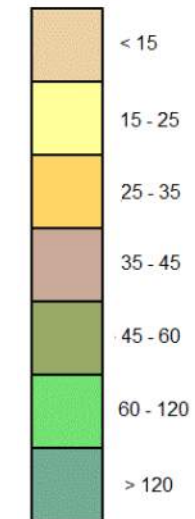


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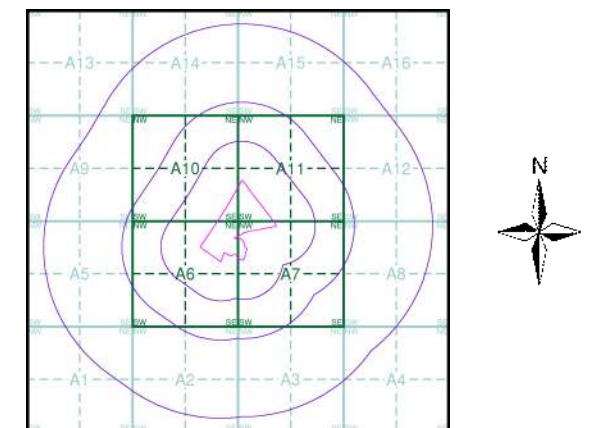
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



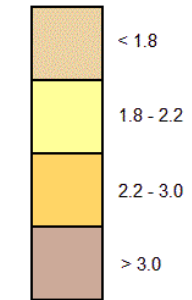
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General

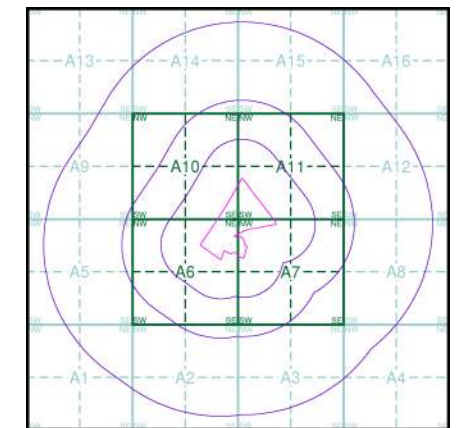
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

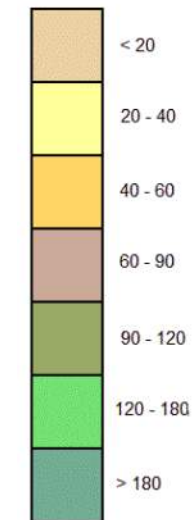


General

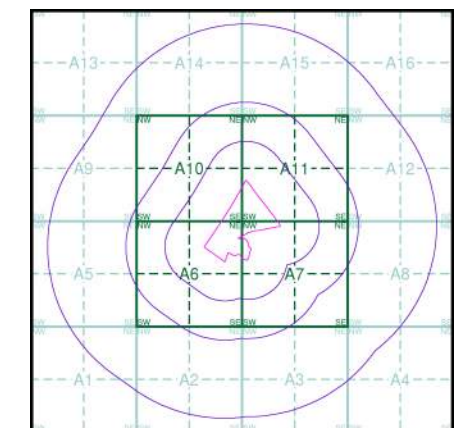
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

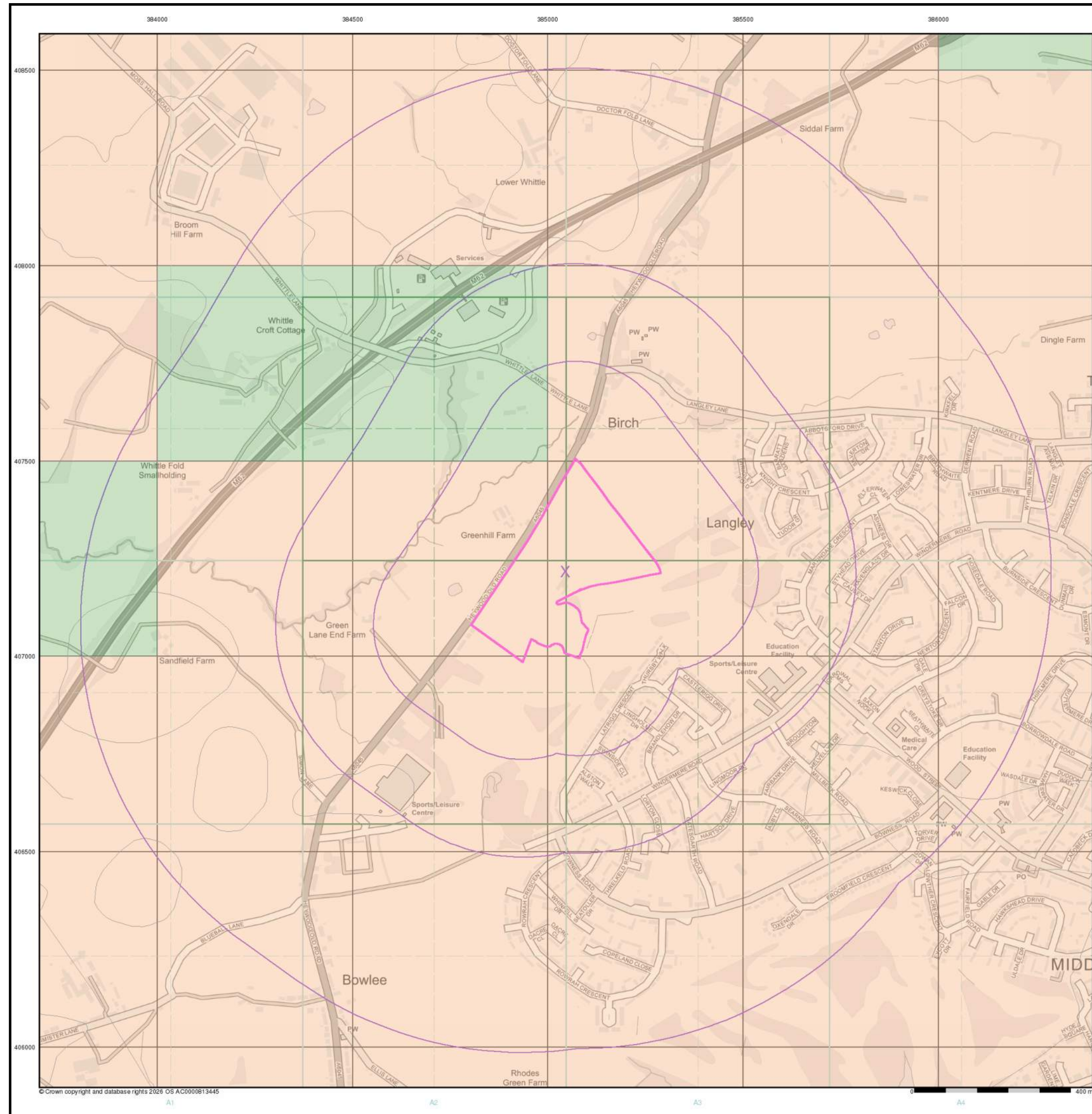


Order Details

Order Details: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



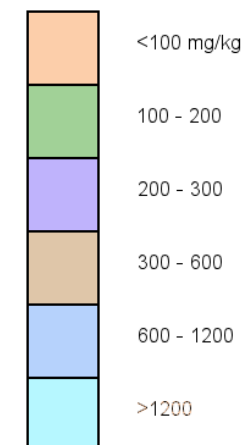
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General

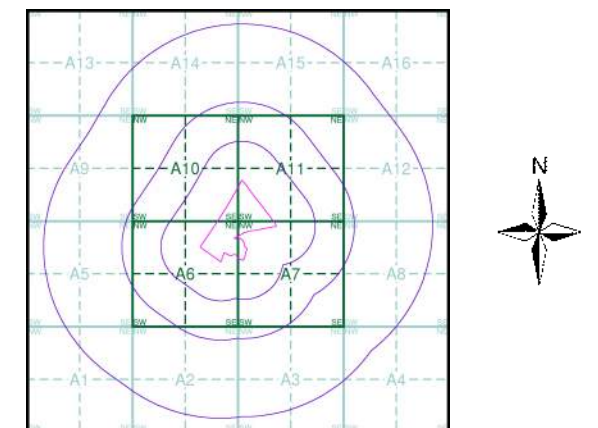
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 404276436_1_1
Customer Ref: 10-2721
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Slice: A
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Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

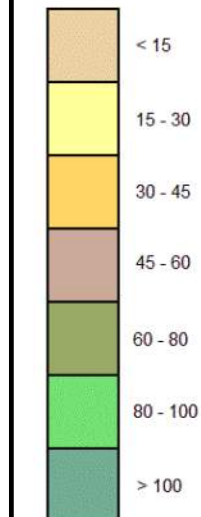


General

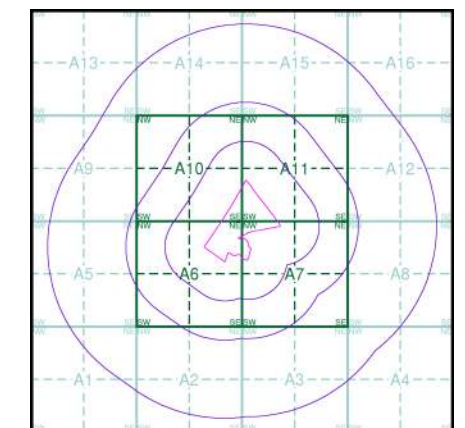
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A

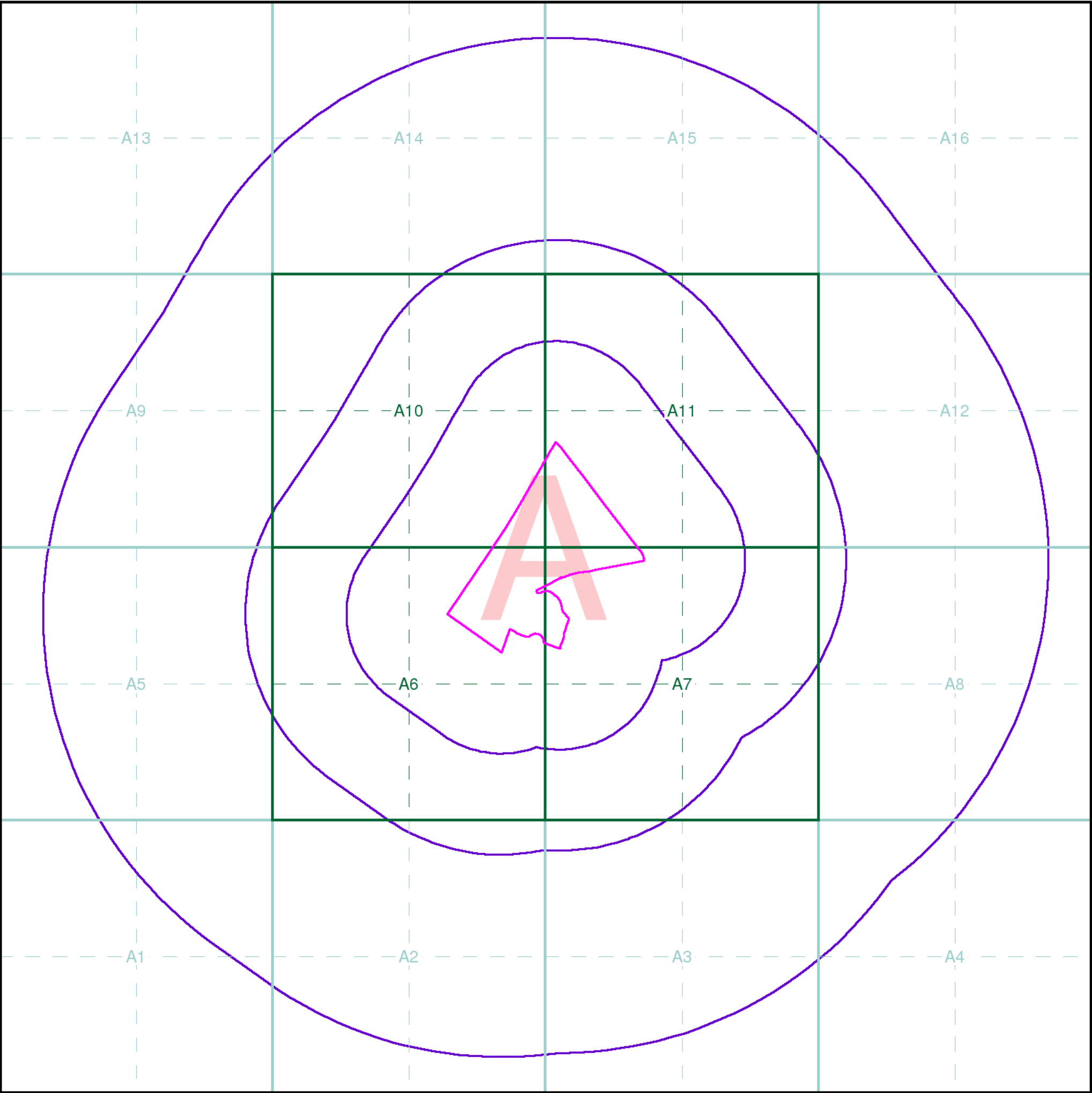


Order Details

Order Details: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



Index Map

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

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

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

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr Environmental, Clancy Consulting Ltd, 4th Floor,
Windmill Green, 24 Mount Street, Manchester,
Manchester, M2 3NX

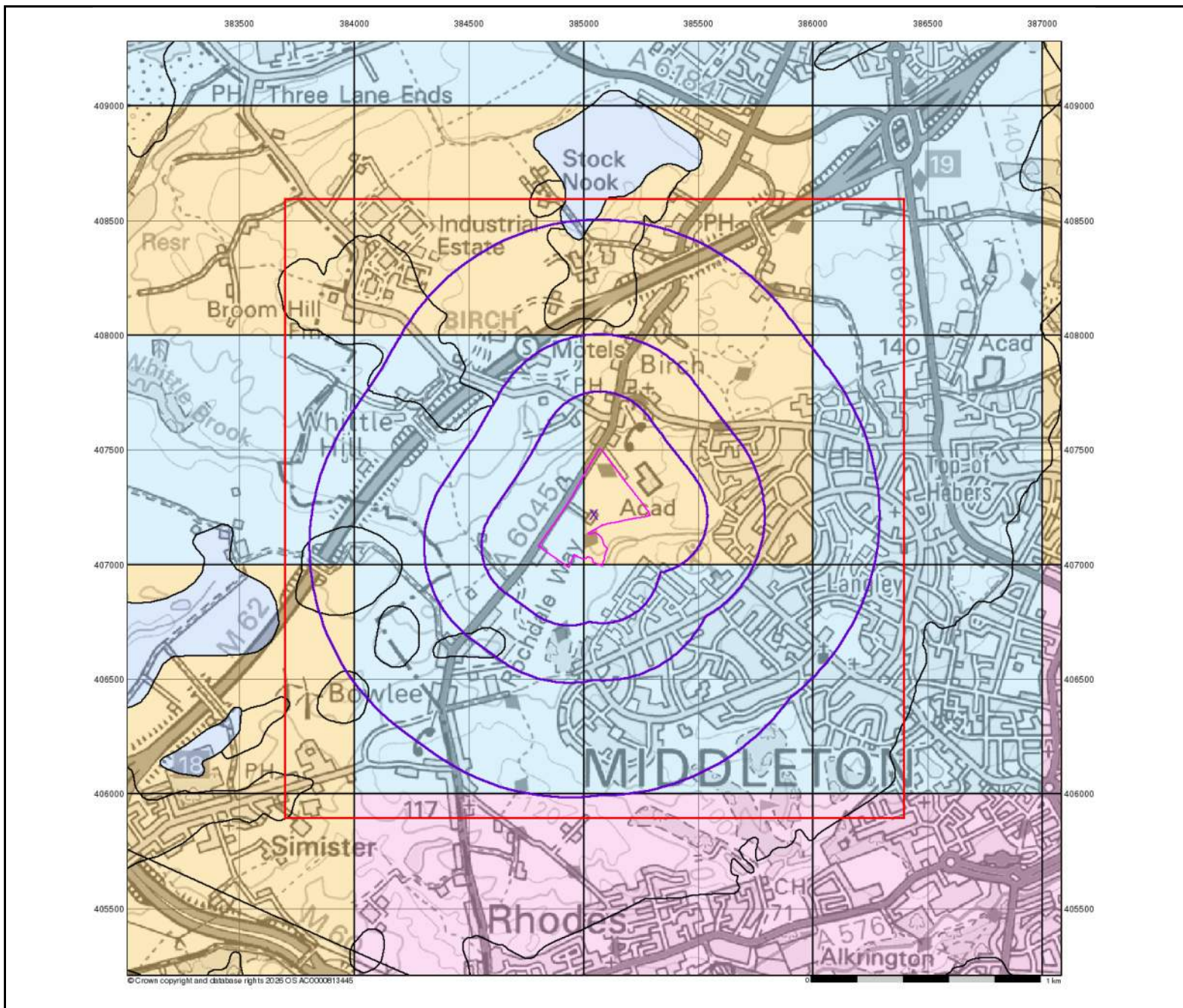
Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton,
Manchester, M24 4LA

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



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Groundwater Vulnerability

General

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

Agency and Hydrological

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

Unproductive Aquifer
Soluble Rock

Site Sensitivity Context Map - Slice A

Order Details

Order Number: 404276436_1_1
Customer Ref: 10-2721
National Grid Reference: 385040, 407220
Slice: A
Site Area (Ha): 10.86
Search Buffer (m): 1000

Site Details

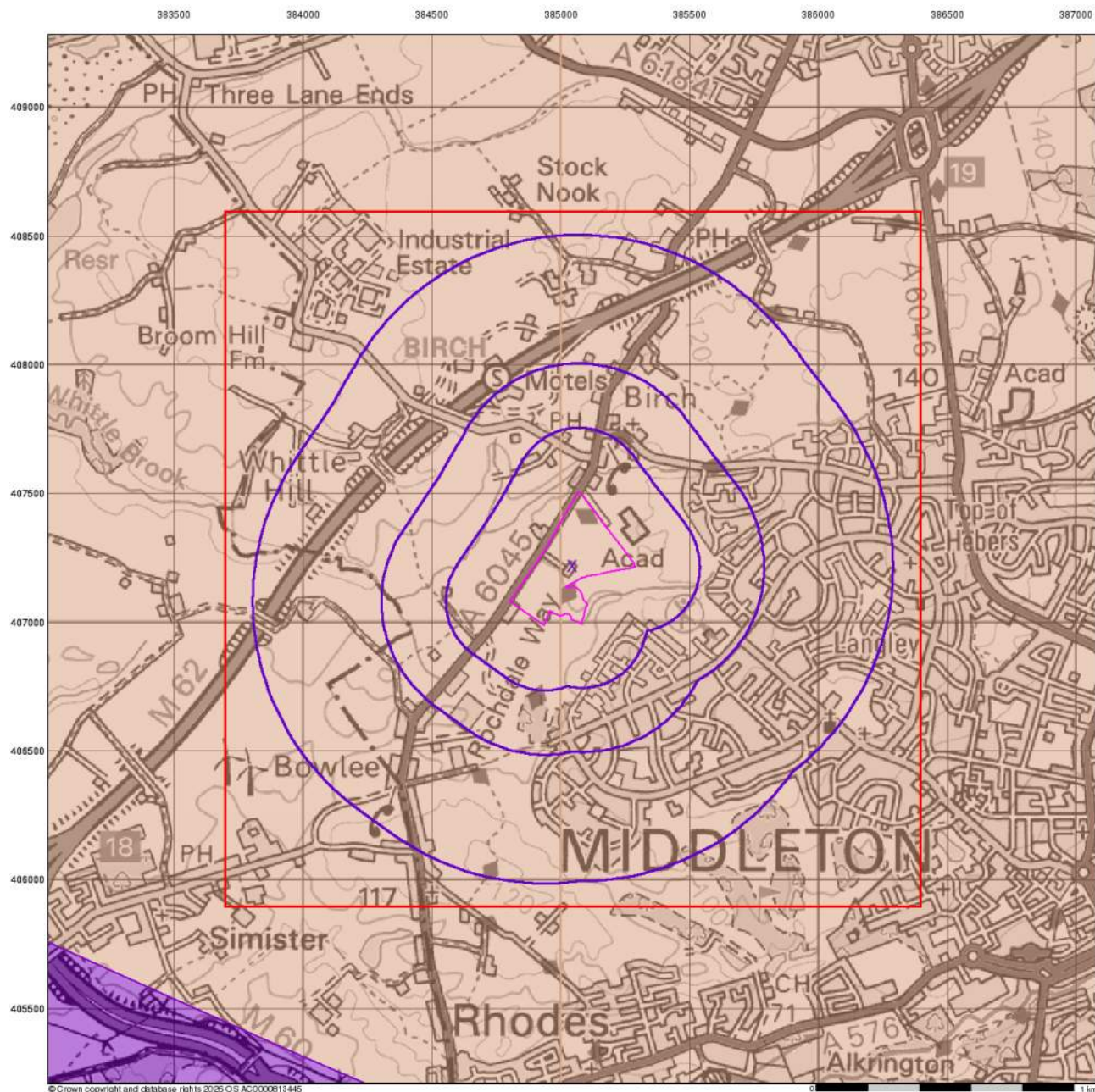
Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

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

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Bedrock Aquifer Designation

General

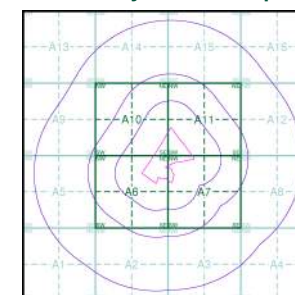
- ◊ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

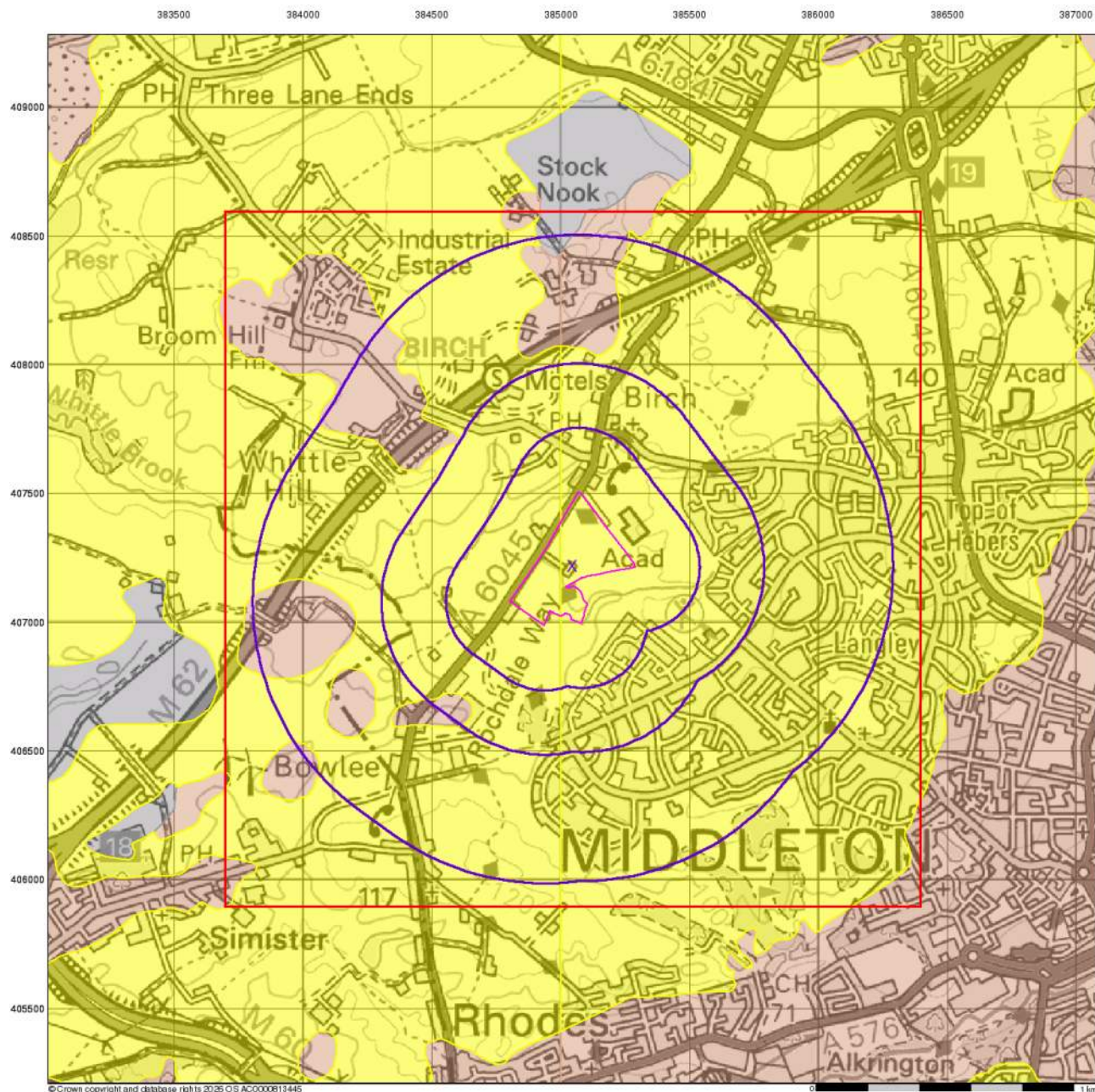
Order Number: 404276436_1_1
 Customer Ref: 10-2721
 National Grid Reference: 385040, 407220
 Slice: A
 Site Area (Ha): 10.86
 Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

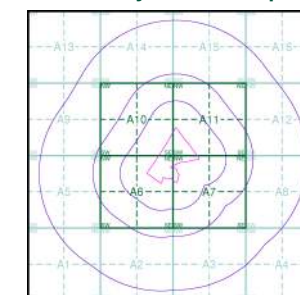
- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

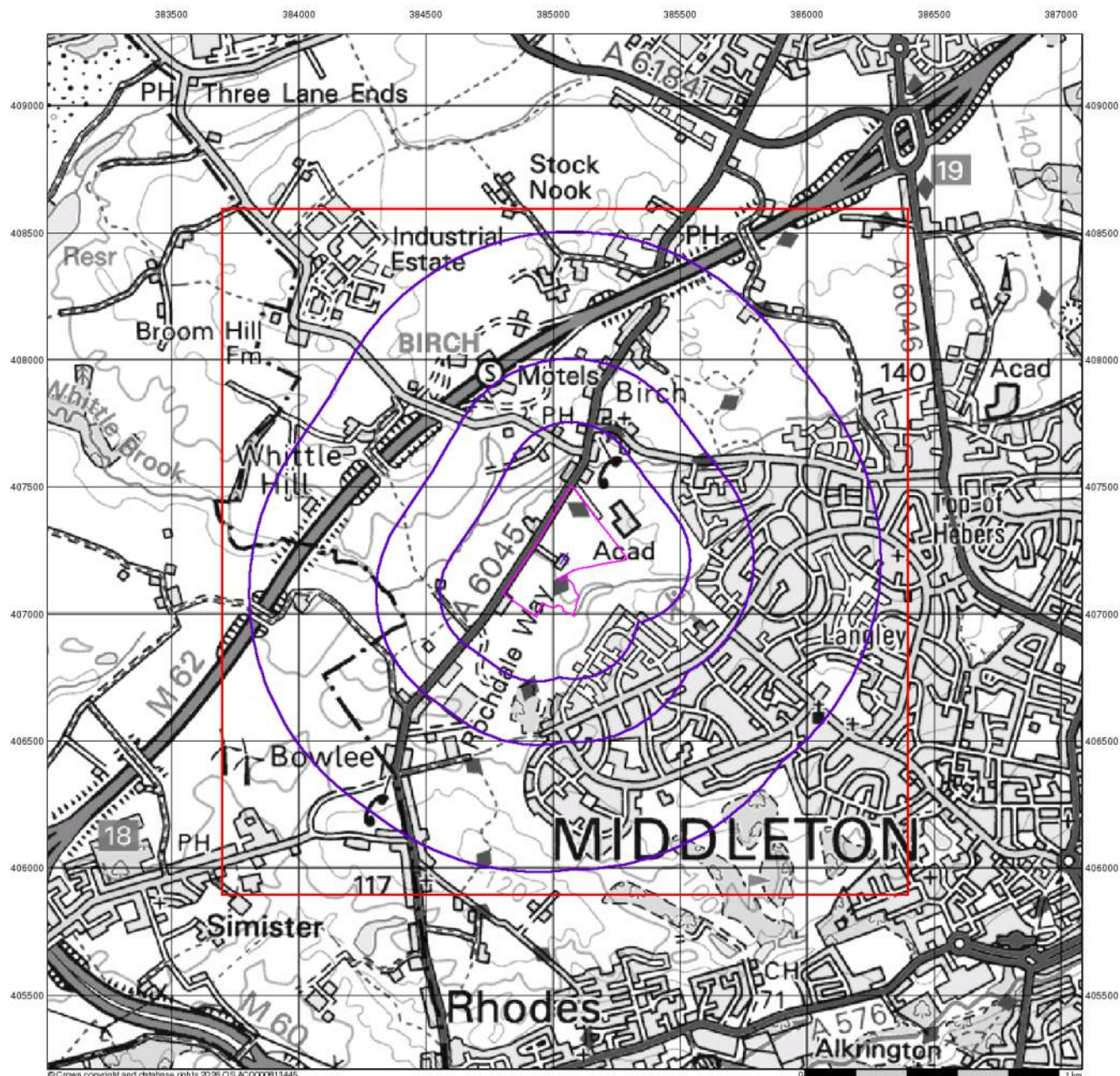


Order Details

Order Number: 404276436_1_1
 Customer Ref: 10-2721
 National Grid Reference: 385040, 407220
 Slice: A
 Site Area (Ha): 10.86
 Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA



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Source Protection Zones

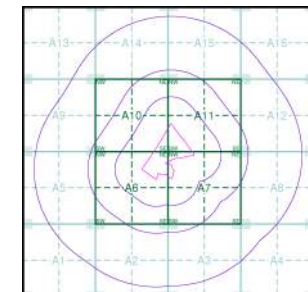
General

- ◆ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A

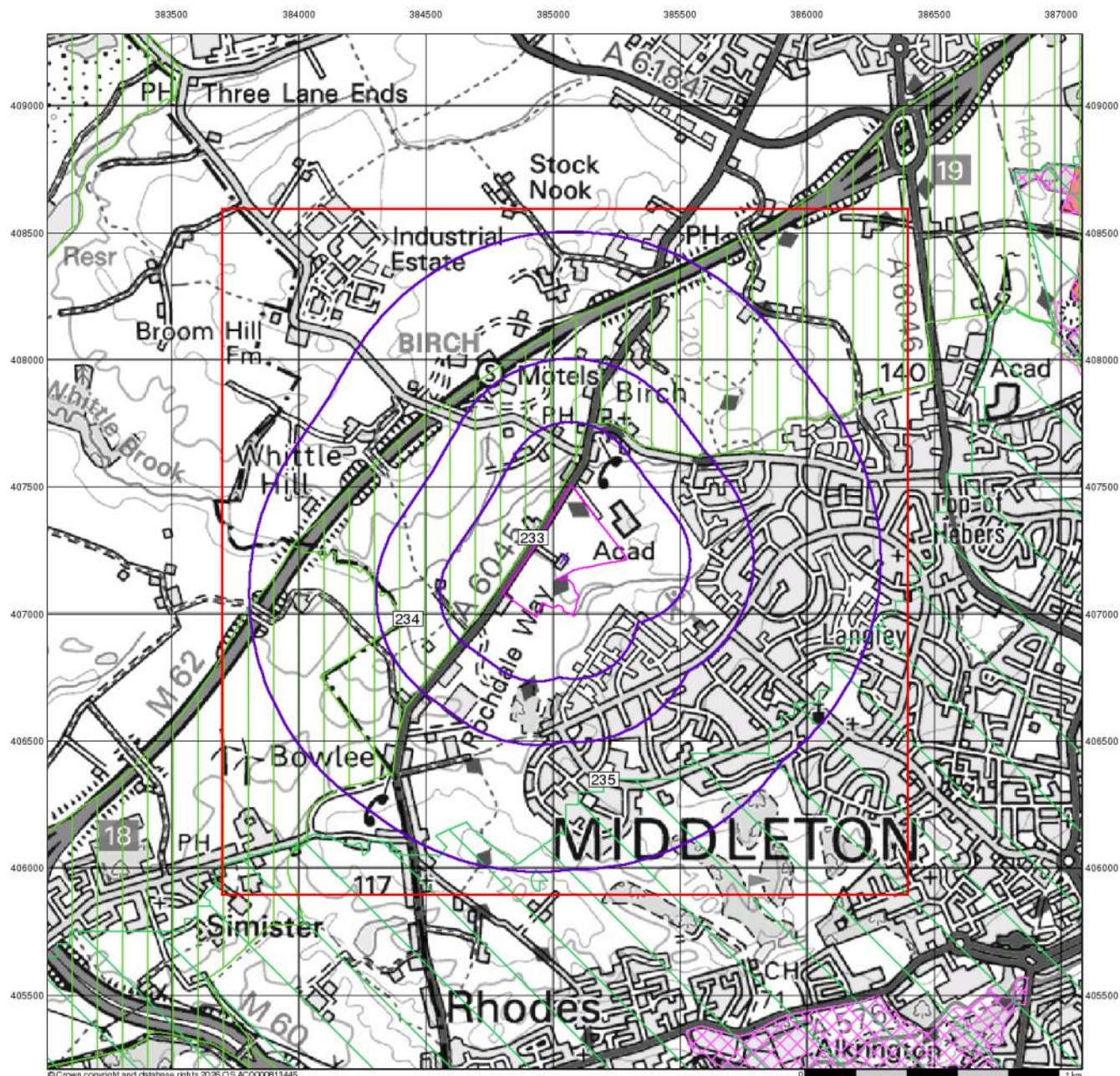


Order Details

Order Number: 404276436_1_1
 Customer Ref: 10-2721
 National Grid Reference: 385040, 407220
 Slice: A
 Site Area (Ha): 10.86
 Search Buffer (m): 1000

Site Details

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Sensitive Land Uses

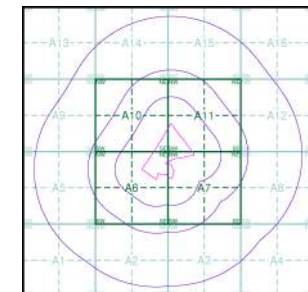
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

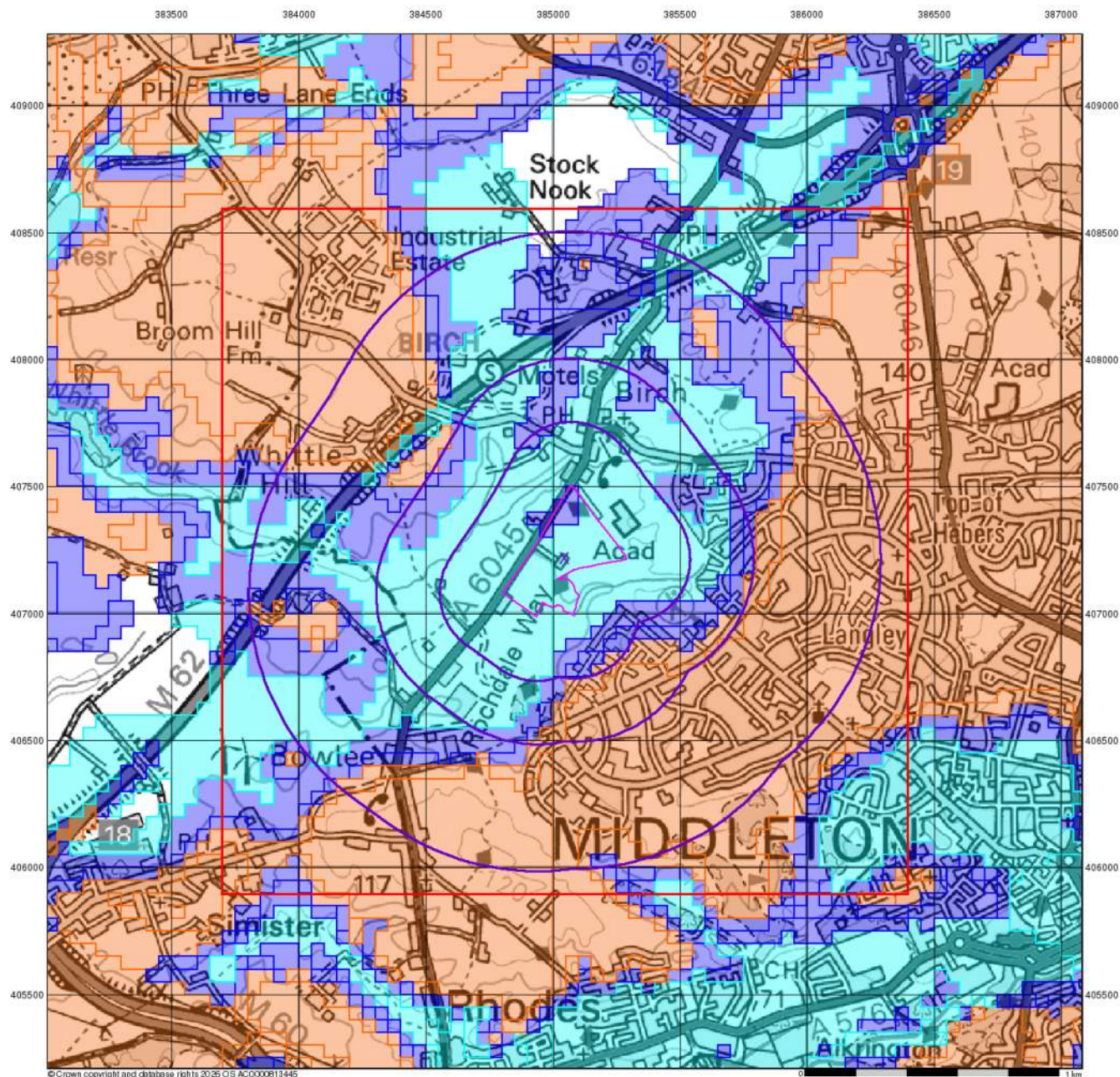
Order Number: 404276436_1_1
 Customer Ref: 10-2721
 National Grid Reference: 385040, 407220
 Slice: A
 Site Area (Ha): 10.86
 Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windmere Road, Middleton, Manchester, M24 4LA

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BGS Flood GFS Data

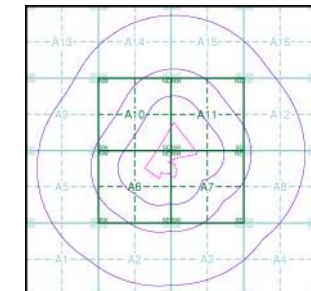
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 404276436_1_1
 Customer Ref: 10-2721
 National Grid Reference: 385040, 407220
 Slice: A
 Site Area (Ha): 10.86
 Search Buffer (m): 1000

Site Details

Bowlee Park Community School, Windermere Road, Middleton, Manchester, M24 4LA

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 Fax: 0844 844 9951
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APPENDIX VII
Environmental Datasheets

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

404276436_1_1

Customer Reference:

10-2721

National Grid Reference:

385040, 407220

Slice:

A

Site Area (Ha):

10.86

Search Buffer (m):

1000

Site Details:

Bowlee Park Community School, Windermere
Road
Middleton
Manchester
M24 4LA

Client Details:

Mr Environmental
Clancy Consulting Ltd
4th Floor
Windmill Green
24 Mount Street
Manchester
Manchester
M2 3NX

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	26
Hazardous Substances	-
Geological	32
Industrial Land Use	38
Sensitive Land Use	47
Data Currency	48
Data Suppliers	54
Useful Contacts	55

Introduction

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

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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England. The probability result is only valid for properties above ground. All basement and cellar areas are considered to be at additional risk from high radon levels. If an underground room such as a cellar or basement makes up part of the living or working accommodation, the property should be tested regardless of Radon Affected Area status.

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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		7	15	15
Prosecutions	pg 11			2	
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 12			2	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 12		Yes		
Pollution Incidents to Controlled Waters	pg 12		1	3	7
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register	pg 14			1	1
Water Abstractions	pg 14				(*4)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 15	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 16	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 16	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 16		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 16		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS NGD Water Network Links	pg 16		17	29	22
Water Framework Directive - Catchment	pg 24	Yes			Yes
Water Framework Directive - Groundwater	pg 24	Yes			
Water Framework Directive - Surface Waters	pg 25		Yes		

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 26				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 26			1	
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 26				10
Potentially Infilled Land (Water)	pg 27	2	3	13	22
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Waste Exemption Permits	pg 29			7	10
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 32	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 32	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 34			1	12
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 36	Yes	n/a	n/a	n/a
Mining Instability	pg 36	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 36	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 37	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 37	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 37	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 38			8	25
Fuel Station Entries	pg 41			1	1
Points of Interest - Commercial Services	pg 41			4	12
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 42		1	11	6
Points of Interest - Public Infrastructure	pg 44			17	6
Points of Interest - Recreational and Environmental	pg 46	2	2	2	5
Pollution Inventory					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 47		1	1	
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 47				1
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A6NE (NW)	0	1	385045 407218
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A6NE (W)	0	1	385000 407218
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SE (N)	0	1	385045 407350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SE (NW)	0	1	385000 407300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SE)	83	1	385250 407050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	147	1	385100 406850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SE)	153	1	385250 406950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7SW (SE)	188	1	385200 406850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NE (N)	189	1	384950 407650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (NE)	226	1	385400 407450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (S)	237	1	385000 406750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (S)	245	1	385045 406750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NE (N)	246	1	385045 407750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7SW (SE)	259	1	385250 406800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SW (NW)	334	1	384650 407450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (S)	336	1	384950 406650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (S)	337	1	385000 406650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6SE (S)	342	1	385045 406650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (N)	345	1	385250 407800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NW (NW)	368	1	384700 407600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (E)	377	1	385600 407000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (E)	396	1	385650 407050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (E)	411	1	385700 407218
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NW (NW)	412	1	384650 407600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A2NE (S)	436	1	384950 406550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A2NE (S)	437	1	385000 406550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SW (NW)	446	1	384550 407500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (NE)	448	1	385450 407750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (NE)	455	1	385650 407500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SW (NW)	459	1	384500 407450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (E)	461	1	385750 407218
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (E)	465	1	385750 407150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SW (NW)	473	1	384550 407550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NW (NW)	487	1	384650 407750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A2NE (S)	488	1	384900 406500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A5SE (SW)	489	1	384350 406900
1	Discharge Consents Operator: Mr Ronald Fitton Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 588 Heywood Old Rd, Birch, Heywood, Lancashire, OL10 2qn Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0169/1134 Permit Version: 1 Effective Date: 14th November 1969 Issued Date: 14th November 1969 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A11SW (N)	24	2	385064 407528

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Mrs Jean Cooper Kaberry Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 590 Heywood Rd Birch, Birch, Heywood, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0169/1133 Permit Version: 1 Effective Date: 14th November 1969 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A10SE (NW)	96	2	384900 407400
3	Discharge Consents Operator: Colin Skinner Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 600, 602,604,606 Heywood Old Rd, Middleton, Manchester, M24 4gs Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0174/2101 Permit Version: 1 Effective Date: 1st February 1974 Issued Date: 1st February 1974 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Whittle Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A11NW (N)	124	2	385150 407600
3	Discharge Consents Operator: Mr John Pye Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 614 Heywood Old Rd, Birch, Heywood, Lancashire, OL10 2qn Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0168/934 Permit Version: 1 Effective Date: 30th October 1968 Issued Date: 30th October 1968 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Whittle Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A11NW (N)	165	2	385150 407650
4	Discharge Consents Operator: Mitchells & Butlers Retail Limited Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: White Hart Hotel 701 Heywood Old Road, Birch, Heywood, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991441 Permit Version: 1 Effective Date: 11th August 1989 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A11NW (N)	197	2	385100 407700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: G.F. Gilbody Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 622 & 624 Heywood Road, Middleton, Manchester, OI10 2ql Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0171/1339 Permit Version: 1 Effective Date: 25th January 1971 Issued Date: 25th January 1971 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A11NW (N)	198	2	385100 407701
4	Discharge Consents Operator: Mr. I. Maddocks Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 622 & 624 Heywood Road, Middleton, Manchester, OI10 2ql Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0171/1339 Permit Version: 1 Effective Date: 25th January 1971 Issued Date: 25th January 1971 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A11NW (N)	198	2	385100 407701
5	Discharge Consents Operator: Rochdale Metropolitan Borough Council Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: 640-652 Heywood Old Road, Birch, Rochdale, Greater Manchester, OI10 2qh Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016993271 Permit Version: 1 Effective Date: 3rd July 1998 Issued Date: 3rd July 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A11NW (N)	284	2	385140 407780
5	Discharge Consents Operator: St Mary'S Church Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: St Mary'S Church Langley Lane, Birch-In-Hopwood, Middleton, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991065 Permit Version: 1 Effective Date: 20th December 1985 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A11NW (N)	291	2	385100 407795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: United Utilities Water Plc Property Type: Sewage Disposal Works - Water Company Location: Birch Tree Grange, Heywood, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Upper Mersey Reference: 016991289 Permit Version: 3 Effective Date: 1st November 1994 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	317	2	384832 407713
6	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Birch Tree Grange, Heywood, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991289 Permit Version: 2 Effective Date: 23rd December 1988 Issued Date: Not Supplied Revocation Date: 31st October 1994 Discharge Type: Storm /emergency overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	317	2	384832 407713
6	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Birch Tree Grange, Heywood, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991289 Permit Version: 1 Effective Date: 1st January 1900 Issued Date: Not Supplied Revocation Date: 22nd December 1988 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	317	2	384832 407713
6	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Birch Tree Grange, Heywood, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991289 Permit Version: 2 Effective Date: 23rd December 1988 Issued Date: Not Supplied Revocation Date: 31st October 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	317	2	384832 407713

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Birch Tree Grange, Heywood, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016991289 Permit Version: 3 Effective Date: 1st November 1994 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	317	2	384832 407713
7	Discharge Consents Operator: Mr & Mrs R Hopkinson Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Green Lane End Farm Swo, Hayward Old Road, Heywood, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991437 Permit Version: 1 Effective Date: 1st July 1991 Issued Date: Not Supplied Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A10SW (NW)	319	2	384700 407500
8	Discharge Consents Operator: Mr R Hyland Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 1 & 3 Whittle La, Heywood, Lancashire, OL10 2rb Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0170/1195 Permit Version: 1 Effective Date: 17th February 1970 Issued Date: 17th February 1970 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A10NE (N)	356	2	384857 407790
8	Discharge Consents Operator: Mr D Cronshaw Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 1 & 3 Whittle La, Heywood, Lancashire, OL10 2rb Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0170/1195 Permit Version: 1 Effective Date: 17th February 1970 Issued Date: 17th February 1970 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A10NE (N)	356	2	384857 407790

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Commercial Contract Eng. Ltd Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Bowlee Garage, Middleton, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016992505 Permit Version: 1 Effective Date: 21st September 1992 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Langley Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	429	2	384600 406700
10	Discharge Consents Operator: Mr. & Mrs. J. Slater Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 12, 14, 16 & 18 Simon Lane, Middleton, Manchester, M24 4qp Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0172/1759 Permit Version: 1 Effective Date: 3rd August 1972 Issued Date: 3rd August 1972 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Langley Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	450	2	384500 406750
10	Discharge Consents Operator: Mr & Mrs V. Corns Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 12, 14, 16 & 18 Simon Lane, Middleton, Manchester, M24 4qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0172/1759 Permit Version: 1 Effective Date: 3rd August 1972 Issued Date: 3rd August 1972 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Langley Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	450	2	384500 406750
11	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Langley Hall Farm, Langley Lane, Middleton, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016992225 Permit Version: 1 Effective Date: 1st October 1990 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Langley Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A11NE (NE)	476	2	385600 407600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: Clarke, Mallinson, Robson, Hammond, Lockett Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 759/763 Heywood Old Road Stp, Middleton, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016990360 Permit Version: 1 Effective Date: 5th May 1982 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A15SW (N)	480	2	385250 407950
13	Discharge Consents Operator: Susan Taylor Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 395, 397 & 399 Heywood Old Rd, Middleton, Manchester, M24 4gp Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0172/1854 Permit Version: 1 Effective Date: 17th October 1972 Issued Date: 17th October 1972 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Langley Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	709	2	384370 406520
13	Discharge Consents Operator: Miles Alexander Ridley & Sally Faye Byrne Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 395, 397 & 399 Heywood Old Rd, Middleton, Manchester, M24 4gp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0172/1854 Permit Version: 1 Effective Date: 17th October 1972 Issued Date: 17th October 1972 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Langley Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A1NE (SW)	709	2	384370 406520
13	Discharge Consents Operator: Mr. P. Moss Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 296, 298 & 300 Heywood Old Rd, Middleton, Manchester, M24 4qg Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0173/1881 Permit Version: 1 Effective Date: 31st January 1973 Issued Date: 31st January 1973 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Langley Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	716	2	384400 406490

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Discharge Consents Operator: V.C. Parr Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 296, 298 & 300 Heywood Old Rd, Middleton, Manchester, M24 4qg Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0173/1881 Permit Version: 1 Effective Date: 31st January 1973 Issued Date: 31st January 1973 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Langley Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	716	2	384400 406490
13	Discharge Consents Operator: Gladys Scott Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 296, 298 & 300 Heywood Old Rd, Middleton, Manchester, M24 4qg Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0173/1881 Permit Version: 1 Effective Date: 31st January 1973 Issued Date: 31st January 1973 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Langley Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	716	2	384400 406490
14	Discharge Consents Operator: Mr And Mrs Wardle Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Whittle Fold Smallholding Whittle Lane, Birch, Heywood, Lancs, OI10 2rd Authority: Environment Agency, North West Region Catchment Area: Roch Reference: 016993514 Permit Version: 1 Effective Date: 8th June 2004 Issued Date: 8th June 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Culvert Leading To Whittle Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SE (W)	743	2	384160 407450
15	Discharge Consents Operator: Mr & Mrs A G Hamer Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 302 - 308 Heywood Old Rd, Middleton, Bowlee, Manchester, M24 4qg Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0170/1235 Permit Version: 1 Effective Date: 1st May 1970 Issued Date: 1st May 1970 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Langley Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	763	2	384403 406430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Discharge Consents Operator: Miss Ann Ingram Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 302 - 308 Heywood Old Rd, Middleton, Bowlee, Manchester, M24 4qg Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0170/1235 Permit Version: 1 Effective Date: 1st May 1970 Issued Date: 1st May 1970 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Langley Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	763	2	384403 406430
15	Discharge Consents Operator: Ma & P M Caveney Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 302 - 308 Heywood Old Rd, Middleton, Bowlee, Manchester, M24 4qg Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0170/1235 Permit Version: 1 Effective Date: 1st May 1970 Issued Date: 1st May 1970 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Langley Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	763	2	384403 406430
15	Discharge Consents Operator: Census Turner Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 302 - 308 Heywood Old Rd, Middleton, Bowlee, Manchester, M24 4qg Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0170/1235 Permit Version: 1 Effective Date: 1st May 1970 Issued Date: 1st May 1970 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Langley Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	763	2	384403 406430
16	Discharge Consents Operator: Bass Lease Co Ltd Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Jolly Butcher Inn Bowlee, Middleton, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01m/211 Permit Version: 1 Effective Date: 12th December 1960 Issued Date: Not Supplied Revocation Date: 1st April 1998 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Unknown Environment: Receiving Water: Unknown Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	813	2	384500 406300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Discharge Consents Operator: Mr. Roy Lowe Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 276 Heywood Old Rd, Middleton, Manchester, M24 4gq Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0172/1714 Permit Version: 1 Effective Date: 5th May 1972 Issued Date: 5th May 1972 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Langley Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	834	2	384420 406330
18	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Doctor Fold Stw, Birch, Heywood, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982224 Permit Version: 1 Effective Date: 10th October 1990 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A15NE (N)	953	2	385470 408370
18	Discharge Consents Operator: J D A Purcon & L G Purcon Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: 365 Manchester Rd Stp, 365 Manchester Road, Heywood, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016993168 Permit Version: 1 Effective Date: 10th June 1997 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whittle Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A15NE (N)	998	2	385480 408415
19	Discharge Consents Operator: Mr Adam J. Heywood Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 238 Heywood Old Road, Middleton, Manchester, M24 4gq Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0173/2092 Permit Version: 1 Effective Date: 7th November 1973 Issued Date: 7th November 1973 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Langley Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A2SW (SW)	979	2	384520 406100
20	Prosecutions Location: Bowlee Mill, 382 Heywood Old Road Middleton, Manchester M24 4sb Prosecution Text: Not Supplied Prosecution Act: ENVIRONMENTAL PROTECTION ACT 1990, SECTION 34 (6) Hearing Date: 10th September 2004 Verdict: Guilty Fine: 2000 Cost: Not Supplied Positional Accuracy: Automatically positioned to the address	A6SW (SW)	388	2	384572 406770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Prosecutions Location: Langley Brook Middleton, Manchester M24 4sb Prosecution Text: Not Supplied Prosecution Act: WATER RESOURCES ACT 1991, SECTION 85 (3) (A) Hearing Date: 10th September 2004 Verdict: Guilty Fine: 8000 Cost: Not Supplied Positional Accuracy: Automatically positioned to the address	A6SW (SW)	388	2	384572 406770
21	Local Authority Pollution Prevention and Controls Name: Moto Hospitality Ltd Location: Whittle Lane, Heywood Old Road, Birch, ROCHDALE, Lancashire, OL10 2QH Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 96/09 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A10NE (NW)	471	3	384715 407813
21	Local Authority Pollution Prevention and Controls Name: Moto Hospitality Ltd Location: Birch Services (West), Heywood Old Road, Heywood, Lancashire, OL10 2QH Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 96/09 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location	A10NE (NW)	472	3	384715 407815
	Nearest Surface Water Feature	A7NW (S)	7	-	385100 407020
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Whittle Bk Incident Date: 30th July 1995 Incident Reference: 95621899 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A11NW (N)	234	2	385200 407700
23	Pollution Incidents to Controlled Waters Property Type: Private Sewage: Sewage Works And Septic Tanks Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Sewage - Septic Tank Effluent Note: Whittle Bk Incident Date: 19th June 1995 Incident Reference: 95621459 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Low Flow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A11NW (N)	296	2	385100 407800
24	Pollution Incidents to Controlled Waters Property Type: Water Treatment & Distribution: Other Location: Bowleys Stream, Martindale Crescent, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Organic Chemicals : Diesel Fuels Note: Not Supplied Incident Date: 29th July 1999 Incident Reference: 30763 Catchment Area: Roch Receiving Water: River Stretch (Freshwater) Cause of Incident: Other Cause Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (E)	331	2	385600 407100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Whittle Brook; Diesel Incident Date: 28th February 1996 Incident Reference: 96620376 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Road Traffic Accident Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A10NE (NW)	334	2	384800 407700
26	Pollution Incidents to Controlled Waters Property Type: Transport, Storage, Communications: Road Location: M62 West Bound, Between Junctions 19 to 20, ROCHDALE, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Milk Note: Not Supplied Incident Date: 29th September 1999 Incident Reference: 32848 Catchment Area: Roch Receiving Water: River Stretch (Freshwater) Cause of Incident: Accident Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A10NW (NW)	542	2	384700 407900
27	Pollution Incidents to Controlled Waters Property Type: Spillage; Accident In Transit Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Chemicals - Detergents/Surfactant Note: Whittle Brook; Detergent Incident Date: 16th July 1996 Incident Reference: 96611584 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	568	2	384500 406600
28	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; Oil Reported Incident Date: 12th August 1996 Incident Reference: 96621780 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (NW)	618	2	384700 408000
29	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Bent Brook; Crude Sewage Incident Date: 22nd October 1996 Incident Reference: 96622383 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Electrical Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A10NW (NW)	642	2	384500 407800
30	Pollution Incidents to Controlled Waters Property Type: Other Premises Location: Brook Off, The Brich Industrial Estate, ROCHDALE, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Contaminated Material : Urban Run Off Note: Not Supplied Incident Date: 7th June 1999 Incident Reference: 27919 Catchment Area: Rochdale Stw Stream Receiving Water: River Stretch (Freshwater) Cause of Incident: Drainage Failures : Highway Drainage Run-Off Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A14NE (N)	799	2	385001 408301

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Pollution Incidents to Controlled Waters Property Type: Wholesale & Retail Trade Location: Bent Brook, Lower Whittle Farm, Doctorfold Lane, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Contaminated Material : Urban Run Off Note: Not Supplied Incident Date: 5th August 1999 Incident Reference: 31021 Catchment Area: Roch Receiving Water: River Stretch (Freshwater) Cause of Incident: Drainage Failures : Urban Land Run-Off Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (N)	924	2	384600 408300
32	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: Not Supplied Incident Date: 29th July 1995 Incident Reference: 95611926 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (N)	998	2	385001 408501
33	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 6th March 2025 Incident Reference: 2364100 Water Impact: Category 2 - Significant Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage	A10NE (NW)	391	2	384762 407744
34	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 15th February 2020 Incident Reference: 1781845 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert : Construction / Demolition Material	A15NW (N)	794	2	385287 408269
	Water Abstractions Operator: Mr Fletcher Licence Number: 2569002247 Permit Version: 100 Location: Borehole At Siddall Fold Farm, Birch Authority: Environment Agency, North West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 5 Yearly Rate (m3): 236 Details: Lic. Holders Prem'S-Siddall Fold Fm Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th June 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16SW (NE)	1080	2	385900 408200
	Water Abstractions Operator: The New North Manchester Golf Club Ltd Licence Number: 2569005055 Permit Version: 101 Location: Reservoir Fed By Surface Drainage At North Manchester Golf C Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Manchester Golf Course Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(SE)	1533	2	385900 405700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: North Manchester Golf Club Licence Number: 2569005055 Permit Version: 100 Location: Reservoir Fed By Surface Drainage At North Manchester Golf Club Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 45 Yearly Rate (m3): 2273 Details: North Manchester Golf Course Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 21st February 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(SE)	1533	2	385900 405700
	Water Abstractions Operator: Costain Building & Civil Engineering Licence Number: 2569005057 Permit Version: Not Supplied Location: River Irk, Middleton, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Dust Suppression Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 20 Yearly Rate (m3): 4000 Details: Licence Status: Expired Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1981	2	384996 405006
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A6NE (S)	0	2	385000 407000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A6NE (W)	0	2	385000 407218

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: >10m Superficial Thickness: Low Superficial Recharge: Low	A6NE (S)	0	2	385045 407000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: >10m Superficial Thickness: Low Superficial Recharge: Low	A6NE (NW)	0	2	385045 407218
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A6NE (W)	0	2	385000 407218
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A6NE (NW)	0	2	385045 407218
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A6NE (W)	0	2	385000 407218
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A6NE (NW)	0	2	385045 407218
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10SE (NW)	61	2	384905 407445
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10SE (NW)	65	2	384895 407445
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
35	OS NGD Water Network Links Description: Watercourse Length: 478.215 Physical Level: Underground Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A7NW (S)	6	4	385088 406993

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	OS NGD Water Network Links Description: Watercourse Length: 31.137 Physical Level: Surface level Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A7NW (S)	8	4	385100 407020
37	OS NGD Water Network Links Description: Drain Length: 97.359 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NW (S)	8	4	385088 406993
38	OS NGD Water Network Links Description: Watercourse Length: 35.485 Physical Level: Surface level Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A7NW (S)	11	4	385112 407054
39	OS NGD Water Network Links Description: Watercourse Length: 5.16 Physical Level: Underground Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A7NW (SE)	13	4	385114 407058
40	OS NGD Water Network Links Description: Watercourse Length: 142.981 Physical Level: Surface level Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A7NW (SE)	14	4	385128 407104
41	OS NGD Water Network Links Description: Watercourse Length: 526.529 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A10SE (NW)	69	4	384898 407456
42	OS NGD Water Network Links Description: Watercourse Length: 279.427 Physical Level: Underground Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A7NW (SE)	82	4	385220 407116
43	OS NGD Water Network Links Description: Watercourse Length: 65.515 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A11NW (N)	106	4	385140 407592
44	OS NGD Water Network Links Description: Watercourse Length: 139.618 Physical Level: Underground Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A11NW (N)	110	4	385079 407615

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	OS NGD Water Network Links Description: Watercourse Length: 426.784 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A11SW (N)	111	4	385162 407579
46	OS NGD Water Network Links Description: Watercourse Length: 72.03 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A10SE (W)	173	4	384732 407282
47	OS NGD Water Network Links Description: Watercourse Length: 38.183 Physical Level: Surface level Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A7NE (E)	221	4	385498 407142
48	OS NGD Water Network Links Description: Watercourse Length: 515.536 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A10SW (W)	231	4	384667 407292
49	OS NGD Water Network Links Description: Watercourse Length: 452.234 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Hill Brook Catchment Name: Mersey Primacy: 1	A10SW (W)	231	4	384708 407351
50	OS NGD Water Network Links Description: Watercourse Length: 74.493 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A10SW (W)	232	4	384704 407345
51	OS NGD Water Network Links Description: Watercourse Length: 10.953 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A11NW (N)	247	4	385130 407745
52	OS NGD Water Network Links Description: Watercourse Length: 3.785 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (E)	257	4	385531 407126
53	OS NGD Water Network Links Description: Watercourse Length: 105.417 Physical Level: Surface level Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A7NE (E)	257	4	385531 407126

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	OS NGD Water Network Links Description: Watercourse Length: 10.791 Physical Level: Underground Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A11NW (N)	258	4	385133 407755
55	OS NGD Water Network Links Description: Watercourse Length: 3.944 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (E)	260	4	385533 407123
56	OS NGD Water Network Links Description: Watercourse Length: 41.763 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (E)	262	4	385534 407119
57	OS NGD Water Network Links Description: Watercourse Length: 53.368 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A11NW (N)	269	4	385136 407766
58	OS NGD Water Network Links Description: Watercourse Length: 61.992 Physical Level: Underground Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A7NE (E)	311	4	385599 407194
59	OS NGD Water Network Links Description: Still water Length: 57.214 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A6SE (S)	315	4	384842 406686
60	OS NGD Water Network Links Description: Still water Length: 13.061 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A11NW (N)	317	4	385114 407819
61	OS NGD Water Network Links Description: Watercourse Length: 23.506 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A11NW (N)	321	4	385146 407817
62	OS NGD Water Network Links Description: Watercourse Length: 37.111 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A11NW (N)	322	4	385148 407817

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	OS NGD Water Network Links Description: Still water Length: 51.759 Physical Level: Surface level Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A6SW (SW)	328	4	384659 406782
64	OS NGD Water Network Links Description: Watercourse Length: 118.028 Physical Level: Surface level Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A11SE (E)	330	4	385616 407254
65	OS NGD Water Network Links Description: Watercourse Length: 13.544 Physical Level: Underground Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A11NW (N)	358	4	385148 407854
66	OS NGD Water Network Links Description: Watercourse Length: 5.024 Physical Level: Underground Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A6SW (SW)	365	4	384610 406771
67	OS NGD Water Network Links Description: Watercourse Length: 19.467 Physical Level: Surface level Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A6SW (SW)	369	4	384606 406769
68	OS NGD Water Network Links Description: Watercourse Length: 45.758 Physical Level: Underground Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A6SW (SW)	370	4	384590 406779
69	OS NGD Water Network Links Description: Watercourse Length: 45.645 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A6SE (S)	371	4	384834 406630
70	OS NGD Water Network Links Description: Watercourse Length: 9.344 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A11NW (N)	371	4	385151 407867
71	OS NGD Water Network Links Description: Watercourse Length: 43.543 Physical Level: Underground Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A11NW (N)	379	4	385158 407874

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	OS NGD Water Network Links Description: Watercourse Length: 469.942 Physical Level: Surface level Permanence: Permanent Feature Name: Langley Brook Catchment Name: Mersey Primacy: 1	A6NW (W)	388	4	384429 406983
73	OS NGD Water Network Links Description: Still water Length: 4.979 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A11NE (NE)	391	4	385487 407608
74	OS NGD Water Network Links Description: Watercourse Length: 682.402 Physical Level: Underground Permanence: Permanent Feature Name: Whittle Hill Brook Catchment Name: Mersey Primacy: 1	A10NE (NW)	393	4	384758 407744
75	OS NGD Water Network Links Description: Watercourse Length: 158.168 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A11NE (NE)	396	4	385492 407610
76	OS NGD Water Network Links Description: Watercourse Length: 2.999 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A6SE (S)	415	4	384833 406584
77	OS NGD Water Network Links Description: Watercourse Length: 80.496 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A6SE (S)	418	4	384832 406581
78	OS NGD Water Network Links Description: Watercourse Length: 28.307 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A11NW (N)	418	4	385186 407907
79	OS NGD Water Network Links Description: Watercourse Length: 92.34 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A11NW (N)	418	4	385186 407907
80	OS NGD Water Network Links Description: Watercourse Length: 440.895 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A5NE (W)	458	4	384346 407081

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	OS NGD Water Network Links Description: Watercourse Length: 66.916 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A15SW (N)	506	4	385241 407981
82	OS NGD Water Network Links Description: Watercourse Length: 324.486 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A11NE (NE)	530	4	385649 407625
83	OS NGD Water Network Links Description: Watercourse Length: 425.838 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A15SW (N)	572	4	385273 408040
84	OS NGD Water Network Links Description: Watercourse Length: 18.707 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A15SW (NE)	608	4	385384 408026
85	OS NGD Water Network Links Description: Watercourse Length: 191.431 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Hill Brook Catchment Name: Mersey Primacy: 1	A14SE (N)	709	4	384804 408162
86	OS NGD Water Network Links Description: Watercourse Length: 299.566 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (NW)	723	4	384598 408053
87	OS NGD Water Network Links Description: Drain Length: 156.223 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A2NW (SW)	744	4	384491 406391
88	OS NGD Water Network Links Description: Watercourse Length: 88.871 Physical Level: Underground Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A5NE (W)	749	4	384073 407243
89	OS NGD Water Network Links Description: Watercourse Length: 10.313 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (NE)	789	4	385903 407720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	OS NGD Water Network Links Description: Watercourse Length: 39.063 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (NE)	797	4	385909 407725
91	OS NGD Water Network Links Description: Watercourse Length: 66.224 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (NE)	832	4	385925 407761
92	OS NGD Water Network Links Description: Watercourse Length: 557.516 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A9SW (W)	837	4	383988 407269
93	OS NGD Water Network Links Description: Still water Length: 4.223 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A2NW (SW)	848	4	384518 406248
94	OS NGD Water Network Links Description: Drain Length: 176.122 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A3SW (S)	859	4	385319 406170
95	OS NGD Water Network Links Description: Watercourse Length: 12.183 Physical Level: Underground Permanence: Permanent Feature Name: Whittle Hill Brook Catchment Name: Mersey Primacy: 1	A14NW (N)	870	4	384677 408281
96	OS NGD Water Network Links Description: Watercourse Length: 138.533 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Hill Brook Catchment Name: Mersey Primacy: 1	A14NW (N)	882	4	384669 408290
97	OS NGD Water Network Links Description: Drain Length: 24.039 Physical Level: Surface level Permanence: Intermittent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (NE)	882	4	386003 407744
98	OS NGD Water Network Links Description: Watercourse Length: 278.603 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (NE)	882	4	385986 407764

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	OS NGD Water Network Links Description: Drain Length: 5.189 Physical Level: Surface level Permanence: Intermittent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (NE)	882	4	385986 407764
100	OS NGD Water Network Links Description: Drain Length: 18.665 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (NE)	883	4	385989 407761
101	OS NGD Water Network Links Description: Watercourse Length: 13.779 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A15NE (NE)	966	4	385600 408313
102	OS NGD Water Network Links Description: Watercourse Length: 220.483 Physical Level: Surface level Permanence: Permanent Feature Name: Whittle Brook Catchment Name: Mersey Primacy: 1	A15NE (NE)	976	4	385598 408326
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Whittle Brook (Irwell) WaterBody ID: GB112069061250 Operational: Roch Irk Medlock Catchment: Irwell Management: Irwell Catchment: Irwell Catchment Name: Irwell	A6NE (NW)	0	2	385045 407218
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Irk (Wince to Irwell) WaterBody ID: GB112069061131 Operational: Roch Irk Medlock Catchment: Irwell Management: Irwell Catchment: Irwell Catchment Name: Irwell	A3NW (S)	596	2	385320 406450
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Irk (Source to Wince Brook) WaterBody ID: GB112069061161 Operational: Roch Irk Medlock Catchment: Irwell Management: Irwell Catchment: Irwell Catchment Name: Irwell	A8SE (E)	870	2	386060 406810
	Water Framework Directive - Groundwater Waterbody Name: Northern Manchester Carboniferous Aquifers Waterbody ID: GB41202G101800 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB41202G101800 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Good Year: 2019	A6NE (NW)	0	2	385045 407218

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Framework Directive - Surface Waters Class Code: River Waterbody Name: Whittle Brook (Irwell) Waterbody ID: GB112069061250 URL Address: Not Supplied Overall Rating: Not Assessed Chemical Rating: Not Assessed Classification Year: 2022	A7NW (S)	6	2	385088 406993

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	Historical Landfill Sites Licence Holder: Terry Adams Limited Location: Bluebell Lane, Bowlee, Bury Name: Bowlee Sand QuarryBluebell Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD30185 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: RD/LIC/338/84	A2NW (SW)	819	2	384380 406377
104	Licensed Waste Management Facilities (Locations) Licence Number: 402303 Location: Land Off Whittle Lane, Land Off Whittle Lane, Heywood, Lancashire, OL10 2QL Operator Name: LAND RECOVERY NORTHWEST LTD Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Use of waste in a deposit for recovery op Licence Status: Surrendered Issued: 3rd June 2015 Last Modified: 3rd June 2015 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NE (N)	263	2	385034 407765
	Local Authority Landfill Coverage Name: Rochdale Metropolitan Borough Council - Has no landfill data to supply		0	3	385045 407218
	Local Authority Landfill Coverage Name: Bury Metropolitan Borough Council - Has not been able to supply Landfill data		387	5	384429 406983
105	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A11SE (NE)	543	-	385720 407554
106	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A11NE (NE)	579	-	385617 407746
107	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A7SE (SE)	590	-	385505 406586
108	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A10NW (NW)	637	-	384439 407685
109	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A14SE (N)	721	-	384827 408183
110	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A12NW (E)	842	-	386045 407589
111	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A5NW (W)	845	-	383962 407146
112	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A5NW (W)	849	-	383956 407043

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A8SE (SE)	876	-	386060 406797
114	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A2NW (SW)	903	-	384406 406255
115	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A6NE (S)	0	-	385030 407112
116	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A6NE (SW)	0	-	384895 407021
117	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A11NW (N)	85	-	385058 407589
118	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (E)	147	-	385419 407145
119	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A11SE (E)	215	-	385462 407349
120	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (E)	280	-	385548 407108
121	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SW (S)	284	-	385067 406703
122	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (E)	323	-	385611 407192
123	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A6SW (SW)	323	-	384675 406777
124	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A10NE (NW)	402	-	384755 407755
125	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A7NE (E)	423	-	385712 407200
126	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A11SE (E)	446	-	385717 407339
127	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (E)	446	-	385719 407093
128	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A2NE (S)	449	-	384932 406537
129	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A10NE (NW)	454	-	384736 407812
130	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A10NE (NW)	461	-	384764 407872
131	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8NW (E)	464	-	385750 407168
132	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A10SW (W)	485	-	384431 407394

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
133	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SE)	530	-	385714 406897
134	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A7SE (SE)	549	-	385525 406673
135	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A3NW (S)	567	-	385173 406437
136	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A10NW (NW)	572	-	384667 407910
137	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (E)	576	-	385784 406918
138	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14SE (N)	596	-	384776 408023
139	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A6SW (SW)	601	-	384465 406585
140	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A12SW (E)	709	-	385920 407539
141	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A12SW (E)	709	-	385922 407537
142	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A12SW (E)	744	-	386012 407387
143	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9SE (W)	746	-	384149 407438
144	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A3NW (S)	782	-	385333 406255
145	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A15SE (N)	784	-	385412 408211
146	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9NE (NW)	791	-	384294 407743
147	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (E)	813	-	386097 407293
148	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A3NE (SE)	813	-	385692 406460
149	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14NE (N)	826	-	385014 408329
150	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (E)	844	-	386123 407343
151	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A3NE (SE)	847	-	385540 406284
152	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (E)	869	-	386132 407423
153	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (E)	928	-	386216 407169

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
154	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A4NW (SE)	993	-	386045 406569
155	Waste Exemption Permits Permit Reference: WEX298120 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989.	A6NW (W)	320	2	384490 407020
156	Waste Exemption Permits Permit Reference: WEX300515 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989.	A6NW (W)	320	2	384490 407020
157	Waste Exemption Permits Permit Reference: WEX356546 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989.	A6NW (W)	320	2	384490 407020
158	Waste Exemption Permits Permit Reference: WEX396024 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989.	A6NW (W)	320	2	384490 407020
159	Waste Exemption Permits Permit Reference: WEX391722 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989.	A6NW (W)	320	2	384490 407020
160	Waste Exemption Permits Permit Reference: WEX409993 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989.	A11NE (NE)	463	2	385560 407630
161	Waste Exemption Permits Permit Reference: WEX415118 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989.	A11NE (NE)	480	2	385490 407750
162	Waste Exemption Permits Permit Reference: WEX364114 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989.	A15SW (NE)	559	2	385380 407970
163	Waste Exemption Permits Permit Reference: WEX405836 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989.	A15SW (NE)	559	2	385380 407970
164	Waste Exemption Permits Permit Reference: WEX406260 Exemption Category: Treatment Exemption Sub-Category: Sort and denature controlled drugs for disposal. Exemption Definition: The T28 exemption allows pharmacies and similar places to denature controlled drugs to comply with Misuse of Drugs Regulations 2001.	A3NW (S)	644	2	385229 406370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
165	Waste Exemption Permits Permit Reference: WEX356537 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989.	A5SE (SW)	713	2	384260 406620
166	Waste Exemption Permits Permit Reference: WEX390855 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989.	A5SE (SW)	713	2	384260 406620
167	Waste Exemption Permits Permit Reference: WEX353284 Exemption Category: Storage Exemption Sub-Category: Storing waste in a secure place. Exemption Definition: The S2 waste exemption allows you to store specific waste at a secure intermediate site, separate to where the waste was produced, before transportation to another site for recovery. Exemption Category: Use Exemption Sub-Category: Use of waste in construction. Exemption Definition: The U1 exemption allows you to use suitable waste in construction as a recovery activity.	A9NE (NW)	786	2	384246 407658
168	Waste Exemption Permits Permit Reference: WEX356536 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989.	A5NW (W)	830	2	383990 406920
169	Waste Exemption Permits Permit Reference: WEX390851 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989.	A5NW (W)	830	2	383990 406920

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	Waste Exemption Permits Permit Reference: WEX336737 Exemption Category: Disposal Exemption Sub-Category: Depositing waste from dredging inland waters. Exemption Definition: The D1 exemption allows you to deposit dredging spoil on the banks of the water it was dredged from and treat it by screening and removing water. Exemption Category: Disposal Exemption Sub-Category: Depositing agricultural waste consisting of plant tissue under a Plant Health Notice. Exemption Definition: The D4 exemption allows you to deposit diseased crops where they were grown when a Plant Health Notice has been issued, to reduce the risk of spreading plant diseases or pests. Exemption Category: Disposal Exemption Sub-Category: Burning waste in the open. Exemption Definition: The D7 exemption allows you to burn plant tissue and untreated wood waste from joinery or manufacturing in the open air. Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989. Exemption Category: Treatment Exemption Sub-Category: Screening and blending waste. Exemption Definition: The T5 exemption allows you to temporarily treat waste on a small scale to produce aggregate or soil at a particular location, such as a construction or demolition site. Exemption Category: Treatment Exemption Sub-Category: Treating waste wood and waste plant matter by chipping, shredding, cutting or pulverising. Exemption Definition: The T6 exemption allows you to chip, shred, cut or pulverise waste wood and plant matter to make it easier to store and transport, or to convert it for use. Exemption Category: Treatment Exemption Sub-Category: Recovering scrap metal. Exemption Definition: The T9 exemption allows you to treat scrap metal for handling or recovery by sorting, grading, shearing by manual feed, baling, crushing or cutting with handheld equipment. Exemption Category: Treatment Exemption Sub-Category: Aerobic composting and associated prior treatment. Exemption Definition: The T23 exemption allows you to compost small volumes of vegetation, cardboard and food waste to spread on soil to add nutrients or improve the structure. Exemption Category: Treatment Exemption Sub-Category: Treatment of non-hazardous pesticide washings by carbon filtration for disposal. Exemption Definition: The T29 exemption allows you to treat non-hazardous pesticide washings before disposing of them to land. Exemption Category: Use Exemption Sub-Category: Spreading waste to benefit agricultural land. Exemption Definition: The U10 exemption allows you to spread specific waste on agricultural land to replace manufactured fertilisers or virgin materials (such as lime) to improve or maintain soil. Exemption Category: Use Exemption Sub-Category: Spreading waste on non-agricultural land. Exemption Definition: The U11 exemption allows you to spread waste on non-agricultural land to replace manufactured fertilisers or virgin materials (such as lime) to improve or maintain soil. Exemption Category: Use Exemption Sub-Category: Using mulch. Exemption Definition: The U12 exemption allows landscapers, farmers and growers to spread mulch as a protective covering onto land around trees, bushes or plants. Exemption Category: Use Exemption Sub-Category: Spreading plant matter to provide benefits. Exemption Definition: The U13 exemption allows you to spread cut plant material at the place of production for weed suppression or to provide nutrients to the soil.	A9NE (NW)	843	2	384181 407664
171	Waste Exemption Permits Permit Reference: WEX357237 Exemption Category: Use Exemption Sub-Category: Use of waste in construction. Exemption Definition: The U1 exemption allows you to use suitable waste in construction as a recovery activity.	A8NE (E)	947	2	386223 407059

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A6NE (NW)	0	1	385045 407218
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A6NE (NW)	0	1	385045 407218
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10SE (N)	59	1	385000 407500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A6SW (SW)	406	1	384635 406703
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NW (NW)	501	1	384597 407691
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SE (N)	537	1	384891 408026
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A7SE (SE)	594	1	385693 406778

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A5NE (W)	601	1	384206 407022
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A5SE (SW)	620	1	384262 406780
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A5NW (W)	804	1	384000 407164
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A5NW (W)	808	1	384000 407218
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (NW)	859	1	384369 408000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (SE)	897	1	386000 406666

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A14NE (N)	915	1	384980 408416
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A1NE (SW)	959	1	384047 406492
172	BGS Recorded Mineral Sites Site Name: Langley Hall Sand Pit Location: Middleton, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96875 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A11SE (NE)	489	1	385649 407557
173	BGS Recorded Mineral Sites Site Name: Whittle Fold Sand Quarry Location: Whittle Lane, Birch, Middleton, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 249282 Type: Opencast Status: Ceased Operator: Mr. Dawson Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Ice Contact Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A10NW (NW)	614	1	384472 407695
174	BGS Recorded Mineral Sites Site Name: Langley Hall Sand Pit Location: Middleton, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96874 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A11NE (NE)	615	1	385654 407757
175	BGS Recorded Mineral Sites Site Name: Manchester Road Sand Pit Location: Birch, Middleton, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 249283 Type: Opencast Status: Ceased Operator: Edmonson & Wyatt Ltd. Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A15SW (N)	648	1	385370 408080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	BGS Recorded Mineral Sites Site Name: Whittle Fold Sand Quarry Location: Whittle Lane, Birch, Middleton, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15038 Type: Opencast Status: Ceased Operator: Mr. Dawson Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A10NW (NW)	715	1	384390 407755
177	BGS Recorded Mineral Sites Site Name: Lower Whittle Sand Pit Location: Hopwood, Heywood, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96551 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A14SE (N)	724	1	384952 408219
178	BGS Recorded Mineral Sites Site Name: Lower Whittle Quarries Location: Hopwood, Heywood, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 249187 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SE (N)	726	1	384834 408191
179	BGS Recorded Mineral Sites Site Name: Top Of Hebens Brick Field Location: Middleton, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96877 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12SW (E)	802	1	386003 407583
180	BGS Recorded Mineral Sites Site Name: Sandfield Sand Pit Location: Bowlee, Middleton, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96881 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A5NW (W)	840	1	383965 407045
181	BGS Recorded Mineral Sites Site Name: Whittle Fold Sand Pit Location: Whitefield, Bury, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96873 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A5NW (W)	841	1	383966 407151

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
182	BGS Recorded Mineral Sites Site Name: Whittle Sandpit Location: Whittle Lane, Birch, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 3821 Type: Opencast Status: Ceased Operator: P. Casey Enviro Ltd. Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Ice Contact Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A9NE (NW)	914	1	384200 407825
183	BGS Recorded Mineral Sites Site Name: Rhodes Sand Pit Location: Rhodes, Middleton, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96929 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A2SE (S)	940	1	384766 406062
184	BGS Recorded Mineral Sites Site Name: Bow Lee Sand Pit Location: Bowlee, Middleton, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96882 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A1NW (SW)	999	1	383994 406496
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A6NE (NW)	0	6	385045 407218
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A6NE (NW)	0	-	385045 407218
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (W)	0	1	385000 407218
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (NW)	0	1	385045 407218
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6NE (W)	0	1	385000 407218
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6NE (NW)	0	1	385045 407218
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6NE (W)	0	1	385000 407218

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6NE (NW)	0	1	385045 407218
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (NW)	0	1	385045 407218
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (W)	0	1	385000 407218
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (W)	0	1	385000 407218
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (NW)	0	1	385045 407218
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (NW)	0	1	385045 407218
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (W)	0	1	385000 407218
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	64	1	385235 407050
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6SE (S)	213	1	385000 406783
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A6NE (W)	0	1	385000 407218
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A6NE (NW)	0	1	385045 407218
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A6NE (W)	0	1	385000 407218
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A6NE (NW)	0	1	385045 407218

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
185	Contemporary Trade Directory Entries Name: Mcquillan Boiler Services Location: 384, HEYWOOD OLD ROAD, MIDDLETON, M24 4SB Classification: Boiler Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A6SW (SW)	317	-	384616 406826
186	Contemporary Trade Directory Entries Name: Middleton Sheet Metal Co Ltd Location: The Grange, Whittle Lane, Heywood, Lancashire, OL10 2RB Classification: Machine Shops Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NE (NW)	325	-	384825 407718
187	Contemporary Trade Directory Entries Name: T W Communications Location: 10, Barratt Gardens, Middleton, Manchester, M24 5JU Classification: Radio Communication Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SE (NE)	383	-	385584 407468
188	Contemporary Trade Directory Entries Name: Home Solutions Furniture Repair Location: 7, Bishops Meadow, Middleton, Manchester, M24 5JJ Classification: Furniture - Repairing & Restoring Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (E)	469	-	385727 407384
189	Contemporary Trade Directory Entries Name: B P Service Station Location: M62 Motorway, Heywood, Lancashire, OL10 2QH Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A10NE (NW)	471	-	384713 407812
189	Contemporary Trade Directory Entries Name: B P Location: Birch West Motorway Services, M62 Motorway, Heywood, Lancashire, OL10 2QH Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned to the address or location	A10NE (NW)	471	-	384713 407812
190	Contemporary Trade Directory Entries Name: Geoff'S Carpets Location: 6, Bishop Marshall Way, Middleton, Manchester, M24 5NE Classification: Carpets & Rugs - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SE (NE)	473	-	385638 407546
191	Contemporary Trade Directory Entries Name: R J External Cleaning Location: 11, Causey Drive, Middleton, Manchester, M24 5PN Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (E)	494	-	385782 407189
192	Contemporary Trade Directory Entries Name: Moto Birch Eastbound Location: M62 Eastbound Between Junction 18 And 19, Heywood, Lancashire, OL10 2QH Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (N)	589	-	384735 407989
193	Contemporary Trade Directory Entries Name: H Matthews Mirror Manufacturer Location: 726, Heywood Old Road, Heywood, Lancashire, OL10 2QQ Classification: Mirrors & Decorative Glass Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (N)	606	-	385306 408063
193	Contemporary Trade Directory Entries Name: Arthur Morgan Kitchens & Bedrooms Ltd Location: Birch Mill Business Centre, Heywood Old Road, Heywood, Lancashire, OL10 2QQ Classification: Kitchen Furniture Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (N)	651	-	385305 408112

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
193	Contemporary Trade Directory Entries Name: J Lewis & Co Ltd Location: Birch Mill, Heywood Old Road, Heywood, Lancashire, OL10 2QQ Classification: Soft Furnishings - Manufacturers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A15SW (N)	651	-	385305 408112
193	Contemporary Trade Directory Entries Name: Flock & Wipers Ltd Location: Unit 1, Birch Mill Business Centre, Heywood Old Road, Heywood, Lancashire, OL10 2QQ Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (N)	651	-	385305 408112
194	Contemporary Trade Directory Entries Name: B P Location: M62 Motorway, Heywood, Lancashire, OL10 2QH Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned to the address or location	A14SE (N)	623	-	384849 408087
195	Contemporary Trade Directory Entries Name: Go 4 Raw Ltd Location: 12A, LAKELAND COURT, MIDDLETON, M24 5QJ Classification: Pet Foods & Animal Feeds Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (SE)	670	-	385780 406757
195	Contemporary Trade Directory Entries Name: Superwash 3 Location: A,12 Lakeland Ct, Middleton, Manchester, Lancashire, M24 5QJ Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (SE)	670	-	385780 406757
196	Contemporary Trade Directory Entries Name: Awaypests Location: 46, Newton Crescent, Middleton, Manchester, M24 5PB Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (E)	689	-	385955 407037
197	Contemporary Trade Directory Entries Name: Real Al-Haqq Ltd Location: 38, Millbeck Road, Middleton, Manchester, M24 4HG Classification: Agricultural Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (SE)	729	-	385756 406653
198	Contemporary Trade Directory Entries Name: Birch Farm Location: Lower Whittle Farm, Doctor Fold Lane, Heywood, OL10 2QE Classification: Ice Cream Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (N)	747	-	385031 408251
198	Contemporary Trade Directory Entries Name: Bulldog Fireworks Location: Lower Whittle Farm, Doctor Fold Lane, Heywood, Lancashire, OL10 2QE Classification: Firework Technicians, Manufacturers & Distribution Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (N)	752	-	385002 408254
199	Contemporary Trade Directory Entries Name: Sure Fit Tyres Ltd Location: Unit 1,Whittlefold Farm,Whittle Lane, Bury-Heywood-Prestwich-Whitefi, Heywood, Lancashire, OL10 2RD Classification: Tyre Repairs & Retreading Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NE (NW)	778	-	384278 407692
200	Contemporary Trade Directory Entries Name: Lancashire Vehicle Sales Location: 282, Heywood Old Road, Middleton, Manchester, Lancashire, M24 4QG Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A2NW (SW)	832	-	384396 406350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
201	Contemporary Trade Directory Entries Name: O B Trucks Ltd Location: Birch House, Doctor Fold Lane, Heywood, OL10 2QE Classification: Commercial Vehicle Breakdown & Recovery Services Status: Active Positional Accuracy: Automatically positioned to the address	A15NW (N)	854	-	385252 408340
202	Contemporary Trade Directory Entries Name: Fine Lays Chocolatiers Location: 11, Newlands Walk, Middleton, Manchester, M24 5LG Classification: Confectionery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (E)	881	-	386118 407513
203	Contemporary Trade Directory Entries Name: R G Motors Heywood Location: Unit 1 Birch Garage, Manchester Road, Heywood, Lancashire, OL10 2QD Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the address or location	A15NW (N)	998	-	385378 408455
203	Contemporary Trade Directory Entries Name: Birch Garage Location: Birch Garage, Manchester Road, Heywood, Lancashire, OL10 2QD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (N)	999	-	385379 408455
203	Contemporary Trade Directory Entries Name: Collision Assist (Uk) Location: Birch Garage, Manchester Road, Heywood, Lancashire, OL10 2QD Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (N)	999	-	385379 408455
203	Contemporary Trade Directory Entries Name: Foxdenton Accident Assist Centre Ltd Location: Birch Garage, Manchester Road, Heywood, Lancashire, OL10 2QD Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (N)	999	-	385379 408455
203	Contemporary Trade Directory Entries Name: Vehicle Concepts Location: UNIT 4, BIRCH GARAGE, MANCHESTER ROAD, HEYWOOD, OL10 2QD Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A15NW (N)	999	-	385379 408455
203	Contemporary Trade Directory Entries Name: Birch Garages Ltd Location: Unit 4 Manchester Road, Heywood, Lancashire, OL10 2QD Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the address or location	A15NW (N)	999	-	385379 408455
203	Contemporary Trade Directory Entries Name: Concept Assist Location: Birch Garage, Manchester Road, Heywood, OL10 2QD Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (N)	999	-	385379 408455
203	Contemporary Trade Directory Entries Name: Vehicle Concepts Location: UNIT 4, BIRCH GARAGE, MANCHESTER ROAD, HEYWOOD, OL10 2QD Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A15NW (N)	999	-	385379 408455
203	Contemporary Trade Directory Entries Name: Foxdenton Accident Assist Location: Birch Garage, Manchester Road, Heywood, Lancashire, OL10 2QD Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (N)	999	-	385379 408455

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
204	Fuel Station Entries Name: M62 Birch Moto Motorway Service Area Westbound Location: M62 J18-19 , Birch , Heywood, Greater Manchester, OL10 2QH Brand: Bp Premises Type: Service Area Status: Open Positional Accuracy: Manually positioned to the address or location	A10NE (NW)	471	-	384715 407814
205	Fuel Station Entries Name: M62 Birch Moto Motorway Service Area Eastbound Location: M62 J18-19 , Birch , Heywood, Greater Manchester, OL10 2QH Brand: Bp Premises Type: Service Area Status: Open Positional Accuracy: Manually positioned to the address or location	A14SE (N)	624	-	384848 408088
206	Points of Interest - Commercial Services Name: Mark Bates & Sons Location: Green Lane End Farm, Heywood Old Road, Middleton, Manchester, M24 4SD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A6NW (W)	259	7	384546 407103
207	Points of Interest - Commercial Services Name: Trans Bridge Freight Services Ltd Location: 384 Heywood Old Road, Middleton, Manchester, M24 4SB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A6SW (SW)	317	7	384616 406826
208	Points of Interest - Commercial Services Name: E-spark Installations Ltd Location: 2 Martindale Close, Middleton, M24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (E)	332	7	385620 407194
209	Points of Interest - Commercial Services Name: Silverbirch Same Day Location: 7 Barratt Gardens, Middleton, Manchester, M24 5JU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A11SE (NE)	420	7	385572 407544
210	Points of Interest - Commercial Services Name: Awaypests Location: 46 Newton Crescent, Middleton, M24 5PB Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A8NW (E)	689	7	385955 407037
211	Points of Interest - Commercial Services Name: R G Motors Location: Unit 1, Birch Garage, Manchester Rd, Heywood, Lancashire, OL10 2QD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	998	7	385378 408455
211	Points of Interest - Commercial Services Name: Banner Van Birch Garage Location: Birch Garage, Manchester Road, Heywood, OL10 2QD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	999	7	385379 408455
211	Points of Interest - Commercial Services Name: Vehicle Concepts Location: Unit 4 Birch Garage, Manchester Road, Heywood, OL10 2QD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	999	7	385379 408455
211	Points of Interest - Commercial Services Name: Concept Assist Location: Unit 4 Birch Garage, Manchester Road, Heywood, OL10 2QD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	999	7	385379 408455

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
211	Points of Interest - Commercial Services Name: R G Motors Heywood Location: Unit 1 Birch Garage, Manchester Road, Heywood, OL10 2QD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	999	7	385379 408455
211	Points of Interest - Commercial Services Name: Vehicle Concepts Location: Unit 4 Birch Garage, Manchester Road, Heywood, OL10 2QD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	999	7	385379 408455
211	Points of Interest - Commercial Services Name: Collision Assist (UK) Location: Birch Garage, Manchester Road, Heywood, OL10 2QD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	999	7	385379 408455
211	Points of Interest - Commercial Services Name: Birch Garages Location: Birch Garage, Manchester Road, Heywood, OL10 2QD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	999	7	385379 408455
211	Points of Interest - Commercial Services Name: Foxdenton Autos Location: Birch Garage, Manchester Road, Heywood, OL10 2QD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	999	7	385379 408455
211	Points of Interest - Commercial Services Name: Foxdenton Accident Assist Location: Birch Garage, Manchester Road, Heywood, OL10 2QD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	999	7	385379 408455
211	Points of Interest - Commercial Services Name: Birch Garages Ltd Location: Unit 4, Manchester Road, Heywood, OL10 2QD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	999	7	385379 408455
212	Points of Interest - Manufacturing and Production Name: Birch Poultry Farm Location: OL10 Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to an adjacent address or location	A11SW (N)	59	7	385047 407559
213	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A6NW (SW)	342	7	384494 406937
213	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A6NW (SW)	346	7	384491 406933
213	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A6NW (SW)	347	7	384485 406945
213	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A6NW (SW)	349	7	384489 406930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
213	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A6NW (SW)	351	7	384489 406926
213	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A6NW (SW)	351	7	384482 406941
213	Points of Interest - Manufacturing and Production Name: Tanks Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	352	7	384477 406951
213	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A6NW (SW)	359	7	384477 406934
213	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A6NW (SW)	363	7	384466 406949
213	Points of Interest - Manufacturing and Production Name: Tanks Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	366	7	384468 406936
214	Points of Interest - Manufacturing and Production Name: Tank Location: OL10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A10NE (NW)	468	7	384774 407867
215	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A15SW (N)	701	7	385330 408156
215	Points of Interest - Manufacturing and Production Name: Business Centre Location: OL10 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A15SW (N)	718	7	385330 408175
216	Points of Interest - Manufacturing and Production Name: S Thomas Location: Langley Lane, Middleton, Manchester, M24 5LJ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A12NW (NE)	789	7	385943 407663
216	Points of Interest - Manufacturing and Production Name: S Thomas Location: Langley Lane, Middleton, Manchester, M24 5LJ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A12NW (NE)	789	7	385943 407663
217	Points of Interest - Manufacturing and Production Name: Tank Location: OL10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A5NW (W)	822	7	383983 407121

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
218	Points of Interest - Manufacturing and Production Name: Sand Pit Location: OL10 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A9NE (NW)	934	7	384165 407805
219	Points of Interest - Public Infrastructure Name: Weir Location: OL10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A10SE (NW)	275	7	384749 407497
219	Points of Interest - Public Infrastructure Name: Weir Location: OL10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A10SE (NW)	279	7	384744 407496
220	Points of Interest - Public Infrastructure Name: Graveyard Location: OL10 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A11NW (N)	329	7	385213 407802
220	Points of Interest - Public Infrastructure Name: Graveyard Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A11NW (N)	334	7	385221 407803
221	Points of Interest - Public Infrastructure Name: Sluices Location: M24 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	352	7	384482 406938
221	Points of Interest - Public Infrastructure Name: Sluices Location: M24 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	353	7	384482 406937
221	Points of Interest - Public Infrastructure Name: Filter Beds (Disused) Location: M24 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	354	7	384489 406919
221	Points of Interest - Public Infrastructure Name: Filter Beds Location: M24 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	356	7	384488 406918
221	Points of Interest - Public Infrastructure Name: Sluices Location: M24 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	362	7	384470 406941
221	Points of Interest - Public Infrastructure Name: Sluices Location: M24 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	366	7	384465 406942
222	Points of Interest - Public Infrastructure Name: Sluice Location: M24 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	359	7	384620 406771

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
222	Points of Interest - Public Infrastructure Name: Sluice Location: M24 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	362	7	384619 406769
223	Points of Interest - Public Infrastructure Name: BP Service Station Location: M62 Motorway, Heywood, OL10 2QH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A10NE (NW)	471	7	384713 407812
223	Points of Interest - Public Infrastructure Name: BP Location: M62 Motorway, Heywood, OL10 2QH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A10NE (NW)	471	7	384713 407812
223	Points of Interest - Public Infrastructure Name: Birch West Motorway Service Area Location: M62 Motorway, Heywood, Lancashire, OL10 2QH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A10NE (NW)	471	7	384715 407814
223	Points of Interest - Public Infrastructure Name: M62 Birch Motorway Service Area Westbound Location: M62 J18-19, Birch, Heywood, OL10 2QH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A10NE (NW)	471	7	384715 407814
223	Points of Interest - Public Infrastructure Name: Moto Birch (South-West) Location: Moto Birch (South-West) Filling Station, Motorway Unit, Whittle Lane, Heywood, Lancashire, OL10 2R Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A10NW (NW)	478	7	384707 407815
224	Points of Interest - Public Infrastructure Name: Moto Birch Eastbound Location: M62 Eastbound Between Junction 18 and 19, Heywood, OL10 2QH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (N)	584	7	384744 407989
225	Points of Interest - Public Infrastructure Name: Birch East Motorway Service Area Location: M62 Motorway, Heywood, Lancashire, OL10 2QH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (N)	622	7	384851 408087
225	Points of Interest - Public Infrastructure Name: Moto Birch (North-East) Location: Moto Birch (North-East) Filling Station, Motorway Unit, Whittle Lane, Heywood, Lancashire, OL10 2R Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (N)	623	7	384845 408086
225	Points of Interest - Public Infrastructure Name: BP Service Station Birch East Motorway Services Location: M62 Motorway, Heywood, OL10 2QH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (N)	624	7	384848 408088
225	Points of Interest - Public Infrastructure Name: M62 Birch Moto Motorway Service Area Eastbound Location: M62 J18-19, Birch, Heywood, OL10 2QE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (N)	624	7	384848 408088

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
225	Points of Interest - Public Infrastructure Name: BP Location: M62 Motorway, Heywood, OL10 2QH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (N)	626	7	384844 408088
226	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A6NE (W)	0	7	385025 407211
226	Points of Interest - Recreational and Environmental Name: Playground Location: Heywood Old Road, M24 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A6NE (W)	0	7	385018 407210
227	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7NW (SE)	21	7	385097 407152
227	Points of Interest - Recreational and Environmental Name: Playground Location: Heywood Old Road, M24 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A7NW (SE)	21	7	385094 407152
228	Points of Interest - Recreational and Environmental Name: Play Area Location: M24 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7NE (E)	277	7	385534 407083
228	Points of Interest - Recreational and Environmental Name: Play Area Location: M24 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7NE (E)	349	7	385589 407035
229	Points of Interest - Recreational and Environmental Name: Play Area Location: M24 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A3NW (S)	591	7	385296 406446
230	Points of Interest - Recreational and Environmental Name: Play Area Location: M24 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A3NE (SE)	688	7	385554 406496
231	Points of Interest - Recreational and Environmental Name: Play Area Location: M24 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A3NE (SE)	781	7	385443 406304
232	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (E)	856	7	386090 406911
232	Points of Interest - Recreational and Environmental Name: Play Area Location: M24 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (E)	881	7	386135 406968

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
233	Areas of Adopted Green Belt Authority: Rochdale Metropolitan Borough Council Plan Name: Proposal Map Status: Adopted Plan Date: 21st March 2024	A10SE (NW)	26	9	384922 407301
234	Areas of Adopted Green Belt Authority: Bury Metropolitan Borough Council Plan Name: Proposal Map Status: Adopted Plan Date: 21st March 2024	A6NW (W)	389	5	384428 406982
235	Nitrate Vulnerable Zones Name: River Irk (Moston Brook To River Irwell) Nvz Description: Surface Water Source: Environment Agency, Head Office	A3NW (S)	657	2	385200 406350

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Oldham Metropolitan Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Environment Agency - Head Office Manchester City Council - Environmental Health Department Salford City Council - Environmental Health Department	December 2025 July 2025 June 2026 November 2023 November 2025 November 2025	Annual Rolling Update Annual Rolling Update Annually Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	April 2026	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	
Integrated Pollution Controls Environment Agency - North West Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North West Region	April 2026	Bi-Annually
Local Authority Integrated Pollution Prevention And Control Salford City Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	December 2020 February 2015 July 2014 March 2015 September 2014	Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Salford City Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	December 2020 February 2015 July 2014 March 2015 September 2014	Annual Rolling Update Not Applicable Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 March 2015 March 2015 September 2014	Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	March 2026	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	
Historical Prosecutions Environment Agency, North West Region	March 2013	Not Applicable
Prosecutions Environment Agency - Head Office	February 2024	Annually
Registered Radioactive Substances Environment Agency - North West Region Environment Agency - Head Office	May 2023 May 2023	Quarterly
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	April 2026	Quarterly
Water Abstractions Environment Agency - North West Region	April 2026	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	August 2025	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	April 2026	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS NGD Water Network Links Ordnance Survey	April 2026	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
Water Framework Directive - Catchment Environment Agency - Head Office	July 2025	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2025	Annually
Water Framework Directive - Surface Waters Environment Agency - Head Office	July 2025	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	November 2025	Bi-Annually
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - South Area	November 2025	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	April 2026	Bi-Annually
Local Authority Landfill Coverage Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North West Region - South Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area	June 2015	
Waste Exemption Permits Natural Resources Wales Environment Agency - Head Office	March 2026 May 2025	Quarterly Quarterly

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2026	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Salford City Council Rochdale Metropolitan Borough Council	February 2016 February 2016 February 2016 June 2016 May 2026	Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Bury Metropolitan Borough Council Salford City Council	August 2022 August 2022 June 2026 November 2022 September 2022	Variable Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	February 2026	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	June 2021	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	November 2025	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2025	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2026	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	May 2026	Quarterly
Points of Interest - Commercial Services PointX	June 2026	Quarterly
Points of Interest - Education and Health PointX	June 2026	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2026	Quarterly
Points of Interest - Public Infrastructure PointX	June 2026	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2026	Quarterly
Pollution Inventory Environment Agency - Head Office	February 2026	Annually
Underground Electrical Cables National Grid	January 2024	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	March 2026	Bi-Annually
Areas of Adopted Green Belt Bury Metropolitan Borough Council Manchester City Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Salford City Council	March 2026 March 2026 March 2026 March 2026 March 2026	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Bury Metropolitan Borough Council Manchester City Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Salford City Council	March 2026 March 2026 March 2026 March 2026 March 2026	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	April 2026	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	January 2026	Bi-Annually
Marine Nature Reserves Natural England	February 2026	Bi-Annually
National Nature Reserves Natural England	January 2026	Bi-Annually
National Parks Natural England	September 2025	Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 February 2026	Annually
Ramsar Sites Natural England	February 2026	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2026	Bi-Annually
Special Areas of Conservation Natural England	January 2026	Bi-Annually
Special Protection Areas Natural England	May 2026	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Rochdale Metropolitan Borough Council - Environmental Health Department P O Box 32, Telegraph House, Ballie Street, Rochdale, Greater Manchester, OL16 1JH	Telephone: 01706 864139 Fax: 01706 864185 Website: www.rochdale.gov.uk
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
5	Bury Metropolitan Borough Council Craig House, Bank Street, Bury, Lancashire, BL9 0DN	Telephone: 0161 253 5000 Fax: 0161 705 5290 Website: www.bury.gov.uk
6	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
7	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
9	Rochdale Metropolitan Borough Council PO Box 15, Town Hall, Rochdale, Greater Manchester, OL16 1AB	Telephone: 01706 647474 Fax: 01706 59475 Website: www.rochdale.gov.uk
10	Manchester City Council Town Hall, Albert Square, Manchester, Greater Manchester, M60 2JT	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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

APPENDIX VIII

Site Photographs





