







Longhurst Road

Phase 1 Preliminary Risk Assessment

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Client Name: Great Places Housing Group

Client Address: 2A Derwent Avenue Manchester, M21 7QP

Site Address: Longhurst Road, Manchester M9 8NS

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Executive Summary

Appointment	In March 2021 Curtins were instructed by One Manchester on behalf of Great Housing Places to undertake a Phase 1 Preliminary Risk Assessment of a plot of land known as Longhurst Road, Higher Blackley, Manchester, M9 8NS. The site is centred on NGR 384800, 403930 and covers an area of approximately 0.82 Ha. It is understood that the site is to be redeveloped into residential scheme comprising up to 38 residential plots (2 to 3 storeys) with associated roadways, open space and private gardens.
Current Site Status	The site is located south of Longhurst Road comprising an area of hardstanding (at surrounding area level) and retaining wall (circa 2.0m high) on the north-eastern corner, The remainder of the site is at a higher level comprising vacant vegetated land and woodland. All entrances to the site have been fenced or blocked off from the public. A previous ground investigation report on-site (obtained from the planning portal) detailed the potential presence of Japanese knotweed within the central area of the site (detailed as southern area in report as only focused on the northern parcel of land).
Site History	From earliest available mapping (1848) the site comprises two parcels (majority of the site and north-eastern parcel) of undeveloped land with woodland present. A footpath is present north to south across the site. In later 1909 mapping, the site has been cleared of woodland. In addition, a small structure is located within the north-eastern parcel, however has been removed by the 1930s and later replaced with a glass structure. In 1980s mapping the northern area comprises a Day Nursey, with parking and retaining structure located within north-eastern corner. The remainder of site is split into two parcels of undeveloped land. Between 2006 and 2020, the day nursey has been demolished on-site and site is within current configuration with hardstanding area and retaining wall remaining in the north-eastern corner. Throughout the site's history, its local surroundings are generally occupied by residential properties with limited contaminative potential.
Geology	BGS mapping indicates the site is underlain by Glacial Till Deposits, Devensian superficial deposits and Chester Formation bedrock. The BGS records two boreholes close to the site, the closet located 10m south of the site was advanced to depth of 13.00m bgl and encountered Made Ground to 2.90m bgl followed by medium dense brown silty gravelly sands with lenses of clay to 13.0m bgl (base not encountered). Groundwater was encountered at 4.50m bgl. In addition, previous ground investigation undertaken on-site (obtained from planning portal) within the former nursery footprint identified Made Ground up to 0.90m bgl, with predominately silty sand with clay lense to termination depths of 5.0m bgl. The site is located in a low probability radon area where <1% of homes are estimated to be at or above the radon Action Level.
Mining	The site is located within a Coal Mining reporting area. A review of available online data records details the site is not within or adjacent to a Coal Mining Development High Risk area. The risk from shallow coal mining is therefore considered to be **Low.**
Hydrogeology	The site is underlain by a Principal Aquifer associated with the bedrock formation. The superficial deposits are designated as a Secondary Undifferentiated Aquifer. The site is not located within a Source Protection Zone (SPZ). There are no potable groundwater abstraction points within 500m.
Hydrology	The nearest surface water feature is a brook located 47m west. There are no surface water abstractions within 1km. There are no discharge consents within 500m of the site.
Unexploded Ordnance	The risk from UXO associated with WWII bombing to construction workers is considered to be **Moderate,** owing to anecdotal evidence within previous investigation report detailing a bomber crashing adjacent to the site in 1944.
Initial Ground Contamination Assessment	The risk from Made Ground posed to the site's end-users is considered to be **Moderate** due to the proposed end use sensitivity and presence of Made Ground on-site. The risk posed to surface water and groundwater is considered to be **Very Low** and **Low** respectively due to the distance to the nearest surface water feature and limited potential for mobile and gross phase contamination on-site. The risk posed to site end-users

	from ground generating gases arising from organic / putrescible soils near the site is considered to be **Moderate**.
Recommendations	The following recommendations are made with regards to further works at the site: 1. Obtain a Detailed Unexploded Ordnance Risk Assessment ahead of intrusive works 2. Undertake a GQRA as part of the ground investigation; and 3. Undertake Ground Gas Monitoring over a period of two-three months for methane, carbon dioxide, oxygen, hydrogen sulphide, gas flow in l/hr, weather conditions and barometric pressure (with confirmation if falling, steady or rising). 4. Inspection of the site by a specialist for the presence of Japanese Knotweed. It is further recommended that this work is completed in advance of any development works taking place.

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1.0 Introduction

1.1 Project Background

In March 2021 Curtins were instructed by One Manchester Housing on behalf of Great Housing Places to undertake a Phase 1 Preliminary Risk Assessment of a currently vacant land off Longhurst Road, Manchester, M9 8NS.

The location and extent of the site is shown in *Figure 2.1* on the following page. It is understood that the site is to be developed for residential dwellings.

At the time of witing, an indicative site layout has been provided for review, with the proposed development comprising up to 38 residential plots (2 to 3 storeys) with associated roadways, open space and private gardens.

1.2 Scope of Services

The Phase 1 PRA is intended to provide an overview of the geo-environmental and geotechnical setting of the site, prior to the proposed development of the site.

Through this overview, the Phase 1 PRA aims to develop both a working conceptual and ground model for the site, as well as present an initial assessment of any risks that could be presented to the development including its intended end users and the wider environment.

Specifically, the Phase 1 PRA provides an initial assessment of the site regarding:

a) Potential on and offsite contamination from historical and/or current uses, including potential ground gas generating sources;
b) The potential impact on the wider environment by historical and or current use of the site of interest;
c) The potential impact from surrounding land uses and other environmental factors;
d) Potential problems associated with geological features such as faulting, mineral extraction, mining and land instability; and
e) The location of apparent sub-surface structures that may affect the proposed redevelopment.

Consideration of detailed flood risk, ecology and archaeological issues are outside of the scope of this report.

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2.0 Current Site and Surrounding Area Details

2.1 Site Location and Current Details

Site use, location and description are shown below in *Table 2.1* and *Figure 2.1*.

Table 2.1 – *Site Details*

Site Address	Longhurst Road, Manchester, M9 8NS.
NGR	384800, 403930
Area of Site	Approximately 0.82 Ha.
Current Site Use and Description	The site is located south of Longhurst Road comprising an area of hardstanding (at surrounding area level) and retaining wall (circa 2.0m high) on the north-eastern corner. The remainder of the site is at a higher level comprising vacant vegetated land and woodland. All entrances to the site have been fenced or blocked off from the public. The site slopes topographically from south to north.

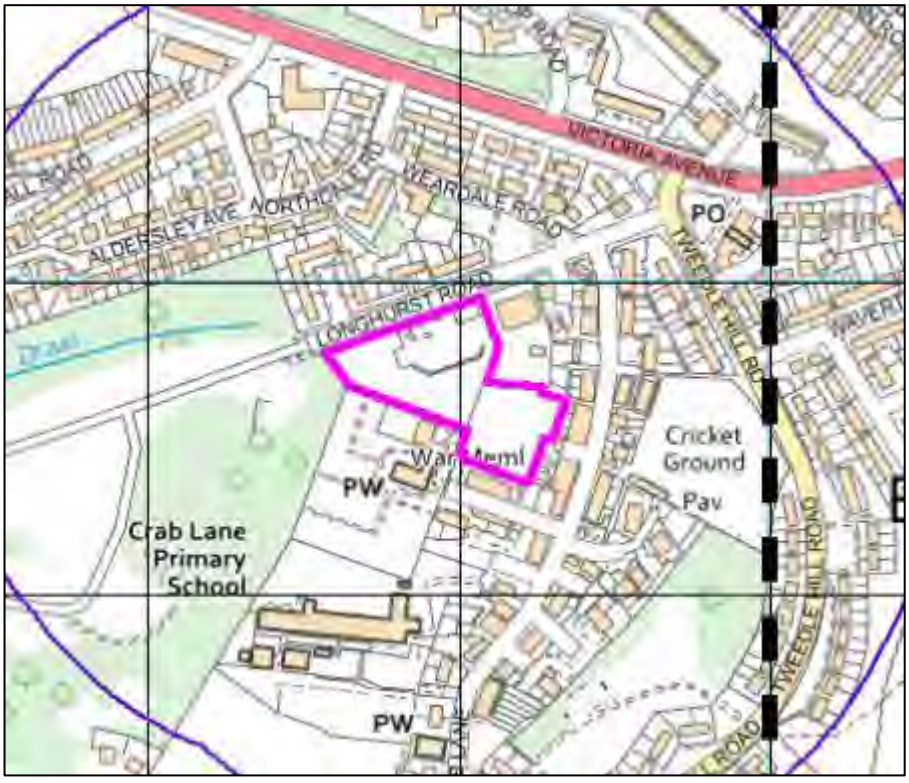


Figure 2.1 *– Site Location Plan (site boundary shown in pink and 250m buffer in purple). Crown Copyright. License Number 100022432.*

2.2 Surrounding Area Details

The following information was established through undertaking an environmental database search. The full Envirocheck report (1) is included in *Appendix B*.

Table 2.2 – *Surrounding Land Uses*

Surrounding Area	**N**	Longhurst Road aligned east to west with residential dwellings beyond.
	E	Community Centre with residential dwellings beyond.
	W	Undeveloped land.
	S	St Andrews Church and residential dwellings.

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3.0 Site History

A review of the available historical mapping and other information for the site, as presented within the Envirocheck Report (1), has been undertaken and is presented in *Table 3.0* below.

Table 3.0 – *Previous Site and Surrounding Area Uses and Potential Sources of Contamination.* ***Bold text refers to on-site activity.***

Date	Description	Potential Sources of Contamination
1848 – 1900s	**From the earliest available mapping (1848) the site comprises two parcels (majority of the site and north-eastern parcel) of undeveloped land with woodland present. A footpath is present north to south across the site.** On later 1890s mapping a rectory and graveyard is immediately south of the development site (pertaining to St Andrews Church). The surrounding area predominately comprises residential, public house and schools, with limited contaminative uses. A sand pit is located circa 200m north of the site.	• **No potential sources of contamination identified on--site.** • Potential for organic decomposition owing to graveyard and migration of ground gases onto site.
1900s-1980s	**In later 1909 mapping, a small structure is located within the north-eastern parcel, however, has been removed by the 1930s and later replaced with a glass structure.** The sand pit has been infilled to the north. Victoria Road (A6104) is constructed 250m north of the site, otherwise limited change in surrounding area. In later 1950s residential development has occurred to the north and the Community centre is present to the east.	• **Localised uncontrolled deposition of Made Ground within small structure (north-eastern)** • Potential ground gas source owing to infill of sand pit.
1980s-2000s	**In 1980s mapping the northern area comprises a Day Nursey, with parking and retaining structure located within north-eastern corner. The remainder of site is split into two parcels of undeveloped land.** No significant change, predominately residential, schools and places of worship within surrounding area.	• **Uncontrolled deposition of Made Ground within the northern area.**
2000s to present day	**Between 2006 and 2020, the day nursey has been demolished on-site and site is within current configuration with hardstanding area and retaining wall remaining in the north-eastern corner.** No significant change in surrounding land uses.	• **Uncontrolled deposition of Made Ground associated with demolition.**

Potential sources of on-site contamination are further discussed in *Section 6.0*. No potential sources of gross or mobile phase contamination have been noted within surrounding land uses (historically comprising residential, school and places of worship). Consequently, the risk from off-site contamination has been discounted. However, there is noted potential sources of off-site ground gas which could migrate onto the development site.

4.0 Geology, Hydrogeology and Hydrology

4.1 Geology and Hydrogeology

A study of the Envirocheck Report (1) and the British Geological Survey (BGS) 1:50,000 mapping records (Bedrock and Superficial Editions) for Manchester (Sheet 085) dated 2010 (2) indicates the following geological and hydrogeological succession underlying the site:

Table 4.1 – *Geological/Hydrogeological Succession*

Geology	Associated Hydrogeological Classification
Glacial Till – Devensian, Diamicton[1]	Secondary Aquifer, Undifferentiated[2]
Chester Formation – Sandstone[3]	Principal Aquifer[4]

Notes:
1. *A heterogenous mixture of clay, sand, gravel, and boulders varying widely in size and shape.*
2. *These layers have not been assigned an attribute either category A or B rock type due to not being possible. In most cases, this means that the layer in question has previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type.*
3. *Soft red sandstone with abundant beds of "millet seed" sand grains alternating with beds of fine-grained sharp sand (Tonks, and others, 1931); some interbedded grey sandstones locally.*
4. *Layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale. In most cases, principal aquifers are aquifers previously designated as major aquifer.*

BGS Records do not indicate the presence of Made Ground on site, however the site's historical land use within the northern portion, primarily as nursey constructed in the 1980s and demolished in recent years, suggests that made ground soils may be present beneath the site within the northern portion.

The nearest BGS recorded borehole logs are located approximately 10m south of the site, located off Crab Lane (3). These are summarised in *Table 4.2* below:

Table 4.2 – *BGS Borehole Records*

Record Reference	Location (NGR)	Details (bottom to top of strata/details/thickness of strata)
SD80SW935	10m south (384870,403879)	0.0 to 2.9m bgl MADE GROUND: Brown to dark brown clayey to very clayey gravelly SAND 2.9 to 3.1m bgl Brown SAND 3.1 to 3.5m bgl Firm to stiff brown sandy CLAY 3.5 to 5.0m bgl Brown slightly gravelly clayey very silty SAND with bands of firm sandy clay 5.0 to 9.9m bgl Medium dense brown slightly clayey slightly gravelly silty to very silty fine SAND 9.9 to 10.3m bgl Firm brown silty CLAY 10.3 to 12.6m bgl Very dense brown silty fine to medium SAND 12.6 to 13.0m bgl Dense grey brown slightly gravelly sandy clayey SILT. Groundwater encountered at 4.50m bgl.
SD80SW934	20m south (384864,403868)	0.0 to 3.0m bgl MADE GROUND: Firm brown very sandy CLAY/clayey SAND fill 3.0 to 8.8m bgl Medium dense brown slightly gravelly very silty SAND 8.8 to 12.2m bgl Dense brown silty fine to medium SAND with bands of firm sandy clay Groundwater was encountered at 5.30m rose to 5.0m bgl.

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There are three BGS recorded fault lines within 1km of the site. The nearest is located approximately 100m south-west of the site, orientated north-west to south-east. The fault identified the boundary between the Chester Formation and the Manchester Marls Formation. The other two faults are located approximately 900m north and south of the site.

The site is not situated within a Source Protection Zone (SPZ). There are no groundwater abstraction points within 500m of the site.

4.1.1 Mining

A review of the Coal Authority interactive mapping (4) for the area indicates that the site is located within a Coal Mining Reporting Area, however it is not located within a Development High-Risk Area.

There are no recorded mine entries within 1km of the site. There are no recorded coal workings and no probable coal workings within 1km of the site.

Consequently, the risk to development from historic coal mining is considered to be **Low**. No further actions are required to further asses the risk to development from historic coal mining.

The closest recorded BGS mineral sites is located 271m south-west of the site, an opencast site known as Higher Blackley Sand Pit which extracted sand from superficial soils (Till).

4.1.2 Other Ground Stability Issues

The Envirocheck Report (1) confirms that there is a no hazard to very low risk from the following ground stability hazards on the site; collapsible ground, compressible ground, ground dissolution, landslide ground, running sands and shrinking or swelling clay.

4.1.3 Ground Gas

Given historical development on site, it is possible that made ground soils may be present on site. These soils may act as a source of ground gas generation.

There are two historical landfills located within 500m, located 218m south-east and 427m south-west. The closest historical landfill was Land at Tweedle Hill. No further information regarding type of waste deposited or input dates is supplied. Additionally, the historical landfills were not evident on any of the historical mapping, as detailed in Section 3.0.

The nearest area of infilled land (non-water) is located 187m west, which is an infilled pit, quarry etc. dated 1986.Two infilled water features (Pond, marsh, river, stream etc.) are located 35m north-west and 47m southwest dated between 1938 and 1848 respectively.

The Envirocheck Report (1) and BGS Radon Mapping (5) confirms the site is situated in an area where <1% of homes are above the radon action level. Radon protection measures are therefore not considered necessary within the proposed development. However, where the new

development incorporates a basement the advice of a specialist Radon assessor must be obtained.

4.2 Hydrology

The nearest surface water feature is a brook located 47m west. No recorded pollution incidents to controlled waters have occurred within 500m of the site.

There are no surface water abstractions within 1km. There are no discharge consents located within 500m of the site.

4.3 Planning Information

A review of Manchester Planning Portal was undertaken to determine any potential geo-environmental pertinent information in regards to the subject site and surrounding area. It was evident, a former planning application (ref. 115904/VO/2017) on-site is available in regards to a residential development (located within footprint of former nursey).

As part of this planning application a Phase 1 and 2 Ground Investigation report is available undertaken by Caulmert Ltd in April 2017 (6). The reporting focused on the northern parcel of land. A review of the findings of the report is presented below.

As part of the site information section, it was detailed that Japanese Knotweed is potentially present in the southern area on sloped within the northern parcel. **Note: It is recommended that the presence of Japanese Knotweed is confirmed by a specialist.**

The reporting also included a preliminary UXO risk assessment which highlighted that through a local historical information search and several anecdotal accounts, it is understood that a Canadian Halifax Bomber crash landed in October 1944 within the immediate proximity of St Andrew's Church and the site.

4.3.1 Scope of Ground Investigation

The previous ground investigation works on-site comprised two hand excavated pits up to 1.10m bgl, four window sample boreholes to depths up to 5.0m bgl and installation of two combined gas and groundwater monitoring wells. All locations were located within the former nursery area and the northern parcel of the site.

4.3.2 Encountered Ground Conditions

Topsoil was encountered within select locations to depths up to 0.30m bgl comprising a soft dark brown silty sandy CLAY with many rootlets. Made Ground was encountered to base depths ranging from 0.25m to 0.90m bgl. The unit comprised both granular and cohesive material with anthropogenic material of ash, brick, clinker, limestone and concrete.

Thereafter variable Till deposits was encountered varying from soft grey and brown mottled silty slightly sandy CLAY to circa 1.50m to 3.00m bgl. Followed by orange brown fine to medium SAND to base depths (5.0m bgl) with occasional bands of firm brown silty sandy CLAY.

Groundwater was encountered from 1.50m to 2.10m bgl. Return groundwater monitoring visits recorded groundwater at depths of 0.67m to 0.70m bgl.

Ground gas monitoring was undertaken over two visits which recorded a maximum methane concentration of 0.3%v/v and maximum carbon dioxide concentration of 4.5%v/v. Flow rates of <0.1l/hr were recorded.

4.3.3 Environmental Testing

As part of the ground investigation, a total of 3 Made Ground samples were submitted for a range of environmental testing (heavy metals, Asbestos, Total TPH, speciated PAH, pH and sulphate).

An initial review of the environmental testing has highlighted that the Made Ground soils have arsenic and lead concentrations which are likely to be in exceedance of Residential screening criteria. In addition, Asbestos (amosite) fibres were encountered within the Made Ground.

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5.0 Unexploded Ordnance Risk Assessment

Military activities including those conducted as part of both the First and Second World Wars have resulted in a legacy of unexploded ordnance (UXO) being present within the shallow soils of the UK.

UXO result from various sources including both allied (military training) and German (bombing raids) with a guide figure of approximately 10% of all munitions failing to function as designed.

The likelihood of UXO being encountered on a development site is influenced by several factors including; the proximity to strategic targets, the nature of the development works being undertaken and evidence of local damage in the post-war periods amongst others. To determine the likelihood of UXO being present on a site, a step-wise risk assessment process is followed. This process is outlined within CIRIA C681 Unexploded Ordnance: A Guide for the Construction Industry (7) with the following commentary considered to represent a Preliminary Risk Assessment intended to guide if and where there is a requirement for a Detailed Risk Assessment.

5.1 Preliminary UXO Assessment

Risk mapping for UXO's (8) has placed the site in a **Moderate** risk area. Moderate-risk regions are those with a bombing density of 15 to 49 bombs per 1000 acres. These areas are considered to have a potential significant UXB risk. In general, further action to mitigate the risk is considered prudent, although not essential. Care is required when assessing the risk for specific sites where the risk may be higher because of local wartime activity.

A review of the available historical mapping did not identify any evidence of bomb damage onsite or within close proximity of the site boundary. Additionally, no bombing targets were identified on-site or within surrounding area. No ruins were recorded in the immediate vicinity of the development site, and no buildings appear to have been demolished following WWII on or surrounding the site. Detailed bomb strike mapping does not record any strikes or damage on the site.

However, as highlighted in Section 4.3 a preliminary UXO assessment was provided within the previous investigation data for the site, which highlighted that a bomber crashed adjacent to the site in 1944. Additionally, the preliminary risk assessment highlighted the requirement for a Detailed UXO Risk to further determine this risk.

Considering the above, the risk of encountering potential UXO as part of future intrusive works is considered **Moderate**. Consequently, a Detailed Unexploded Ordnance Risk Assessment is recommended ahead of any future intrusive works to further determine UXO risk on-site.

6.0 Conceptual Site Model & Qualitative Risk Assessment

The conceptual site model (CSM) and Qualitative Risk Assessment (QRA) are presented in the table within this section.

The CSM details the source-pathway-receptor linkages or potential pollutant linkages (PPL) that have been identified for the site. The QRA details the associated level of risk relating to these potential pollutant linkages.

The CSM and QRA concern risk to human health and water environment with additional, more specific risk assessment protocols contained within the main body of this reporting, as detailed in *Section 6.1* below.

The QRA follows the framework outlined within CIRIA C552 (9) which is summarised within *Appendix C.*

The 'risk rating' within the QRA refers to the risk that the source, pathway, receptor linkage or PPL is complete. Unless specifically stated it does not necessarily refer to an immediate risk and is intended to be used as a tool to assess the necessity for further assessment/investigation.

6.1 Additional Risk Assessments

The following risk assessments, listed below, are not included within the main CSM and QRA but nonetheless can be of critical importance to the onward development of the site:

- The risk presented by Mining is discussed and assessed in *Section 4.1.1*.
- The risk presented by Radon is discussed and assessed in *Section 4.1.3*.
- The risk presented by Unexploded Ordnance is discussed and assessed in *Section 5.0*.

Under current health and safety legislation, employers are required to carry out their own appropriate risk assessments and mitigation to protect themselves and their employees, other human receptors and the environment from potential contamination. Such risks must be adequately mitigated by law, specifically the Construction Design Management (CDM) Regulations, 2015 (10) which require that potential risks to human health and the environment from construction activities are appropriately identified and all necessary steps taken to eliminate / manage that risk. It has been assumed that any future construction works on site will be undertaken in compliance with these requirements.

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- The table below represents the first stage in the land quality risk assessment process: The Qualitative Risk Assessment.
- For a development site to be deemed 'suitable for use', the level of risk needs to be brought down to acceptable levels, i.e. low to very low risk. The purpose of each stage of risk assessment is ultimately to establish, if there is a requirement for additional levels of assessment to be made to have sufficient confidence to support a risk characterisation or management decision, e.g. remedial action.
- In the absence of specific site data, a Generic Quantitative Risk Assessment is invariably recommended.

Conceptual Site Model			Qualitative Risk Assessment			Recommended Actions
Source	**Pathway(s)**	**Receptor(s)**	**Consequence**	**Likelihood of Occurrence**	**Risk Rating**	
Potential sources of on-site contamination: • Made Ground of unknown composition from uncontrolled deposition of materials onsite during the construction of the properties onsite • In addition, as detailed within previous investigation data concentrations of lead and Arsenic within the Made Ground above Residential screening criteria and presence of Asbestos. Potential sources of off-site contamination: • No potential sources of mobile or gross phase contamination highlighted within historical surrounding land uses.	Direct contact, ingestion, inhalation (dust and vapours)	**End-user of site** (Residents) **& Construction Workers**	**Medium** Chronic health risk	**Likely** Historically the site has had a single phase of development and investigation data has highlighted limited Made Ground on-site. However the Made Ground is noted to comprise solid-phase contaminants (i.e. ash and clinker) and concentrations of contaminants which given the sensitivity of the site (residential) is likely to present a potential risk to future site users within areas of soft landscaping. Likelihood of construction workers coming into contact with contamination on site can reduced by appropriate PPE.	**Moderate**	**Generic Quantitative Risk Assessment** Recommended as part of the ground investigation.
	Vertical migration through the superficial deposits (soils) May occur due to existing service corridors and physical processes including; capillary action and downwards into the natural deposits through infiltration.	**Controlled Waters** (Groundwater) Principal Aquifer (Bedrock), overlain by Glacial Till Deposits (Secondary Aquifer – Undifferentiated). There are no potable groundwater abstraction points within 5km. The site is not within a designated Source Protection Zone.	**Medium** Pollution of sensitive water resources	**Unlikely** While there is the potential for localised contamination to migrate vertically through the superficial deposits to the bedrock Secondary A Aquifer, there is a low likelihood of significant contamination being present in the Made Ground due to lack of historical industrial land use and taking into account the lack of an SPZ or abstraction points within 1km.	**Low**	No further action required
	Horizontal migration over and through the superficial deposits (soils)	**Controlled Waters** (Surface Water) Nearest surface water feature is a brook 47m-west. No surface water abstraction points within 1km.	**Mild** Pollution of non-sensitive water resources	**Unlikely** Considering the distance from the site to the nearest surface water receptor and the expected low levels of contamination within the Made Ground (i.e. no gross or mobile phase contamination), this pathway is considered unlikely.	**Very Low**	No further action required
Potential sources of ground gas (on-site and off-site: • Historical graveyard to the south-west • Historical landfill 218m west of the site.	Vertical and horizontal migration through existing service corridors and the underlying superficial deposits	**End-user of site** (Residents)	**Medium** Human health risk	**Likely** There is potential for gas generation from any localised off-site organic material associated with graveyard and historical landfill which could migrate onto site.	**Moderate**	**Generic Quantitative Risk Assessment** Recommended as part of the ground investigation.

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7.0 Conclusion and Recommendations

The qualitative risk assessment (QRA) determined a varied level of level of risk associated with the proposed development.

The QRA concluded by recommending that generic quantitative risk assessments (GQRA) were conducted to confirm the assessment of risk ascribed to each of the respective potential pollutant linkages (PPLs). It is recommended that the GQRA is conducted as part of a ground investigation in support of the engineering design of the proposed development.

In summary, the following recommendations are made:

- Obtain a Detailed Unexploded Ordnance Risk Assessment for the site;
- Undertake a GQRA as part of the ground investigation;
- Undertake ground gas monitoring over a period of two-three months for potential hazardous gases; and,
- A specialist to undertake an inspection of the site for the presence of Japanese knotweed.

It is further recommended that the site investigation works are completed in advance of any development works taking place.

7.1 Contaminants of Concern

Potential contaminants of concern associated with the sources identified within the Conceptual Site Model in *Section 6.0* of this reporting include but are not limited to: broad range aliphatic and aromatic hydrocarbons present within any fuel oils; polycyclic aromatic hydrocarbons (PAHs); inorganic compounds including heavy metals; and asbestos present in discarded building materials.

Potential contaminants associated with the airborne dust/particulates include but are not limited to: polycyclic aromatic hydrocarbons and inorganic compounds including toxic metals that are also accounted for by potential onsite contaminants of concern.

7.2 Other Considerations

The requirement for additional surveys, e.g. arboricultural and ecological surveys, should be confirmed through advice from a suitably qualified and experienced professional.

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8.0 References

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2. **British Geological Survey.** *BGS 1:50,000 Geological Mapping, Solid and Drift - Sheet No.85, Manchester.* 2010.

3. **British Geological Survey (BGS).** *BGS Opengeoscience, https://www.bgs.ac.uk/data/mapViewers/home.html.* accesssed March 2021.

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6. **Caulmert Ltd.** *Phase 1 and 2 Ground Investigation - Longhurst Road.* April 2017.

7. **CIRIA.** *Unexploded Ordnance: A Guide for the Construction Industry (report no. C681).* 2009.

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9. **CIRIA.** *Contaminated Land Risk Assessment. A guide to good practice (report no. C552).* 2001.

10. **Health & Safety Executive.** *Construction (Design and Management) Regulations.* 2015.

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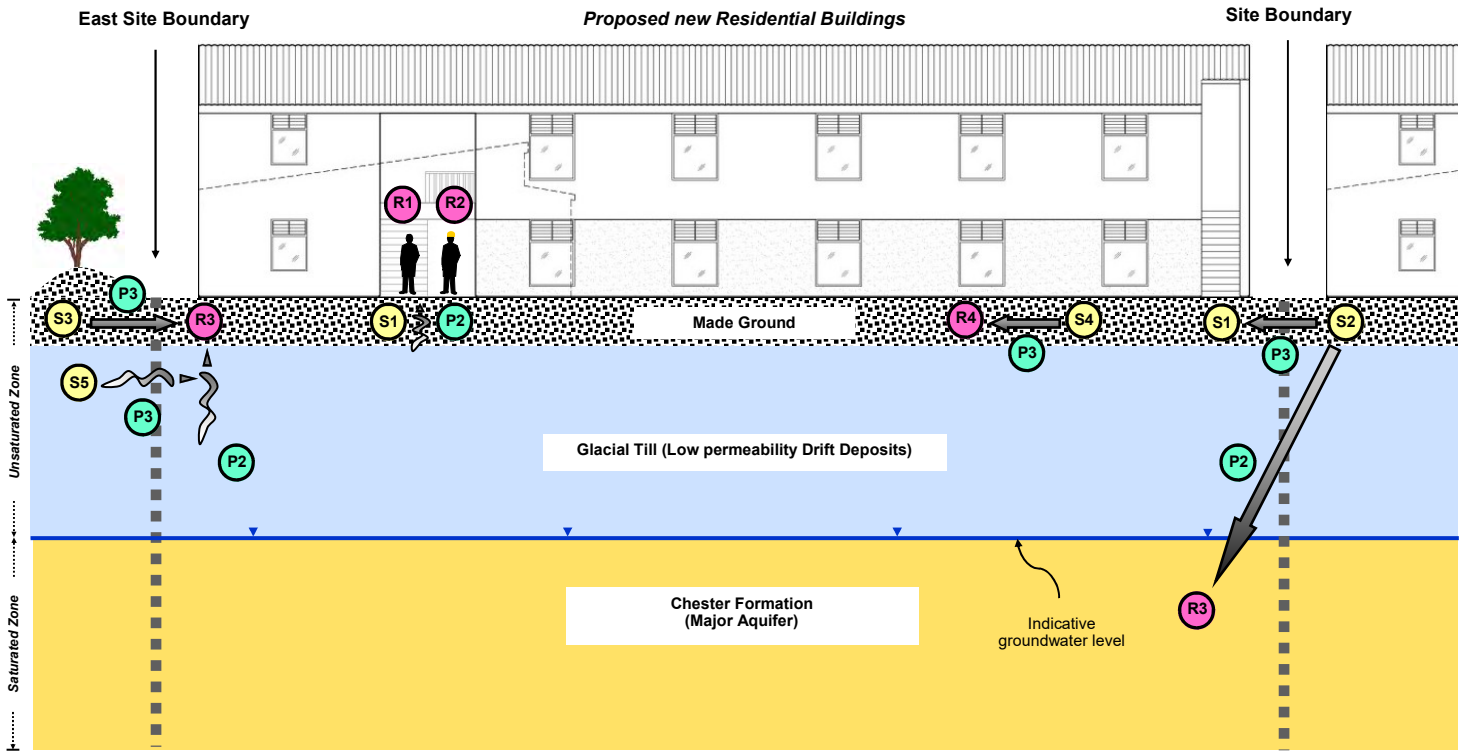
Appendix A Drawings

- Curtins, Conceptual Site Model, 077873-CUR-00-XX-DR-GE-005-V01_Diagrammatic_CSM, 27/04/21

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Longhurst Road

077873-CUR-00-XX-DR-GE-05-V01



Sources

- S1 Made Ground soils (on-site)
- S2 Made Ground soils (off-site)
- S3 Historic former landfill
- S4 Infilled Ground (on-site)
- S5 Ground gas generating sources

Pathways

- P1 Direct contact, ingestion and or inhalation
- P2 Vertical migration
- P3 Horizontal migration

Receptors

- R1 End users (Commercial)
- R2 Construction Workers
- R3 Groundwater
- R4 Surface water

curtins
Merchant Exchange,
17-19 Whitworth Street West,
Manchester, M1 5WG

Project	Job Reference	Author	Client
Longhurst Road	B077873.05	RA	One Manchester
Drawing Title	**Date**	**Checked**	**Scale**
Diagrammatic Conceptual Model	27/04/2021	SH	Not to scale

Appendix B Envirocheck Report

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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
273937983_1_1

Customer Reference:
EBMA2711

National Grid Reference:
384800, 403930

Slice:
A

Site Area (Ha):
0.82

Search Buffer (m):
1000

Site Details:

Day Nursery, Longhurst Road
Manchester
M9 8NS

Client Details:

Ms S Hyde
Curtins Consulting Ltd
Merchant Exchange
17-19 Whitworth Street West
Manchester
M1 5WG

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Introduction

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

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Report Version v53.0

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2				32
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 10		1	1	3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 10		Yes		
Pollution Incidents to Controlled Waters	pg 11				21
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 14				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 14				13 (*3)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 18	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 18	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 18	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 19		3	4	63

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 27		1	1	5
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 28				1
Licensed Waste Management Facilities (Locations)	pg 28				1
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 28		2	3	19
Potentially Infilled Land (Water)	pg 30		7	21	53
Registered Landfill Sites	pg 34				3
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 36	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 36	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 38			2	7
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 39	Yes	n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 39	Yes	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 39	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 40	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 40	Yes	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 41		10	5	29
Fuel Station Entries	pg 44		1		2
Points of Interest - Commercial Services	pg 45		2	4	5
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 45				9
Points of Interest - Public Infrastructure	pg 46		6	4	18
Points of Interest - Recreational and Environmental	pg 49		2	1	4
Gas Pipelines					
Underground Electrical Cables					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 50				2
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 50			1	
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 50	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: Limited Potential for Groundwater Flooding to Occur	A13NE (NW)	0	1	384796 403933
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	102	1	384750 403800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	132	1	385000 403933
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	201	1	384950 403700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	242	1	384650 403700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	259	1	384700 403650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	270	1	385000 403650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	271	1	384796 403600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	283	1	384650 403650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	305	1	384700 403600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	312	1	384600 403650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	326	1	384650 403600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	328	1	384550 403650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	338	1	384950 403550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	350	1	384400 403800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	352	1	384600 403600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	357	1	385000 403550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	379	1	384350 403850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	385	1	384950 404350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	402	1	385000 403500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	405	1	385000 404350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	439	1	384300 404100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	447	1	385200 403600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	449	1	385000 403450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	471	1	384796 403400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	474	1	384250 404050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	487	1	384250 404100
1	**Discharge Consents** Operator: Paul Mcveigh Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Litchfield Park Swo, Boothroyd Road, Blackley, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991234 Permit Version: 1 Effective Date: 18th January 1988 Issued Date: Not Supplied Revocation Date: 9th January 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Uncontam Surface Water; Outfall To Watercourse; Licence Status: Revoked **Status:** **Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	636	2	385300 404400
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Victoria Avenue/Glenbrook Cso 512 Victoria Avenue, Higher Blackley, Manchester, Greater Manchester, M9 0pl Authority: Environment Agency, North West Region Catchment Area: Irk Reference: 016993670 Permit Version: 2 Effective Date: 4th December 2019 Issued Date: 4th December 2019 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk Via Sws **Status:** **Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A12NW (W)	680	2	384042 404054
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Victoria Avenue/River Irk Cso Victoria Avenue Adj To River Irk, Higher Blackley, Manchester, Greater Manchester, M9 0pl Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0094 Permit Version: 3 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 4th February 2016 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status:** **Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A12NW (W)	681	2	384040 404050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Victoria Avenue/River Irk Cso Victoria Avenue Adj To River Irk, Higher Blackley, Manchester, Greater Manchester, M9 0pl Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0094 Permit Version: 2 Effective Date: 14th April 2009 Issued Date: 14th April 2009 Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A12NW (W)	681	2	384040 404050
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Victoria Avenue/River Irk Cso Victoria Avenue Adj To River Irk, Higher Blackley, Manchester, Greater Manchester, M9 0pl Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0094 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 13th April 2009 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A12NW (W)	681	2	384040 404050
2	**Discharge Consents** Operator: United Utilities Water Plc (?) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Victoria Avenue/Glenbrook Cso 512 Victoria Avenue, Higher Blackley, Manchester, Greater Manchester, M9 0pl Authority: Environment Agency, North West Region Catchment Area: Irk Reference: 016993670 Permit Version: 1 Effective Date: 24th May 2005 Issued Date: 24th May 2005 Revocation Date: 3rd December 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **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	A12NW (W)	683	2	384040 404060
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Victoria Avenue/Glenbrook Cso 512 Victoria Avenue, Higher Blackley, Manchester, Greater Manchester, M9 0pl Authority: Environment Agency, North West Region Catchment Area: Irk Reference: 01MAN0093 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: 1st January 1995 Revocation Date: 23rd May 2005 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Consent revoked or revised: New Consent issued (Section 37(1))** Positional Accuracy: Located by supplier to within 100m	A12NW (W)	683	2	384040 404060

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Victoria Avenue/River Irk Cso Victoria Avenue Adj To River Irk, Higher Blackley, Manchester, Greater Manchester, M9 0pl Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0094 Permit Version: 5 Effective Date: 23rd October 2019 Issued Date: 23rd October 2019 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A12NW (W)	687	2	384034 404051
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Victoria Avenue/River Irk Cso Victoria Avenue Adj To River Irk, Higher Blackley, Manchester, Greater Manchester, M9 0pl Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0094 Permit Version: 4 Effective Date: 5th February 2016 Issued Date: 5th February 2016 Revocation Date: 22nd October 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A12NW (W)	687	2	384034 404051
3	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Glenbrook Rd Exter Rd Cso 281vu 15 Glenbrook Road, ., ., Manchester, M9 Opp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0125 Permit Version: 3 Effective Date: 25th June 2018 Issued Date: 25th June 2018 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	729	2	384149 404415
3	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Glenbrook Rd Exter Rd Cso 281vu 15 Glenbrook Road, ., ., Manchester, M9 Opp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0125 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 24th June 2018 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Watercourse **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	732	2	384150 404420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Glenbrook Rd Exter Rd Cso 281vu 15 Glenbrook Road, ., ., Manchester, M9 Opp Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0125 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Into And/Or Watercourse Receiving Water: Unnamed Watercourse **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	732	2	384150 404420
3	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Dexter Rd Heaton Park Rd Cso 133 Heaton Park Road, ., ., Manchester, M9 0pe Authority: Environment Agency, North West Region Catchment Area: Irk Reference: 016993739 Permit Version: 2 Effective Date: 1st April 2018 Issued Date: 12th March 2018 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status:** **Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	765	2	384150 404470
3	**Discharge Consents** Operator: United Utilities Water Plc (?) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Dexter Rd Heaton Park Rd Cso 133 Heaton Park Road, ., ., Manchester, M9 0pe Authority: Environment Agency, North West Region Catchment Area: Irk Reference: 016993739 Permit Version: 1 Effective Date: 1st June 2005 Issued Date: 1st June 2005 Revocation Date: 31st March 2018 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **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	A17SE (NW)	765	2	384150 404470
3	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Dexter Rd Heaton Park Rd Cso 133 Heaton Park Road, ., ., Manchester, M9 0pe Authority: Environment Agency, North West Region Catchment Area: Irk Reference: 01MAN0126 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: 1st January 1995 Revocation Date: 31st May 2005 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: The River Irk **Status:** **Consent revoked or revised: New Consent issued (Section 37(1))** Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	765	2	384150 404470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Middleton Road/Victoria Avenue Cso Acorns, Middleton Road, Manchester, Greater Manchester, M8 4nb Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0096 Permit Version: 5 Effective Date: 23rd October 2019 Issued Date: 23rd October 2019 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of River Irk **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A12NW (W)	833	2	383882 403985
4	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Middleton Road/Victoria Avenue Cso Acorns, Middleton Road, Manchester, Greater Manchester, M8 4nb Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0096 Permit Version: 4 Effective Date: 22nd March 2016 Issued Date: 22nd March 2016 Revocation Date: 22nd October 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A12NW (W)	833	2	383882 403985
5	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Manchester Old Road Cso 775 Manchester Old Road, Middleton, Manchester, Greater Manchester, M24 4re Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982916 Permit Version: 2 Effective Date: 8th November 1995 Issued Date: Not Supplied Revocation Date: 22nd March 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	833	2	384440 404740
5	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Manchester Old Road Cso 775 Manchester Old Road, Middleton, Manchester, Greater Manchester, M24 4re Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982916 Permit Version: 1 Effective Date: 10th May 1995 Issued Date: Not Supplied Revocation Date: 7th November 1995 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	833	2	384440 404740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Middleton Road/Victoria Avenue Cso Acorns, Middleton Road, Manchester, Greater Manchester, M8 4nb Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0096 Permit Version: 3 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 21st March 2016 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A12NW (W)	861	2	383860 404060
6	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Middleton Road/Victoria Avenue Cso Acorns, Middleton Road, Manchester, Greater Manchester, M8 4nb Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0096 Permit Version: 2 Effective Date: 14th April 2009 Issued Date: 14th April 2009 Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A12NW (W)	861	2	383860 404060
6	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Middleton Road/Victoria Avenue Cso Acorns, Middleton Road, Manchester, Greater Manchester, M8 4nb Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0096 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 13th April 2009 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A12NW (W)	861	2	383860 404060
7	**Discharge Consents** Operator: Whelmar Homes Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Whelmar Res Development Swo, Boothroyden Road, Blackley, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991312 Permit Version: 1 Effective Date: 1st November 1994 Issued Date: Not Supplied Revocation Date: 1st November 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A18NW (N)	884	2	384730 404870

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**Discharge Consents** Operator: French Barn Lane Horticultural Society Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: French Barn Lane Allotments, French Barn Lane, Blackley, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991084 Permit Version: 1 Effective Date: 25th February 1986 Issued Date: Not Supplied Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Approximate location provided by supplier	A8SE (S)	885	2	385000 403000
9	**Discharge Consents** Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Kelvin Ave/Lister Rd, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01roc0010 Permit Version: 1 Effective Date: 15th September 1993 Issued Date: Not Supplied Revocation Date: 15th September 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A18NW (N)	892	2	384620 404860
10	**Discharge Consents** Operator: Belden (Uk) Ltd Property Type: MAKING OF MACHINERY/ENGINE/PUMP/FURNACE/TRACTOR Location: Delauneys Road Premises, Blackley, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016993100 Permit Version: 1 Effective Date: 7th November 1995 Issued Date: Not Supplied Revocation Date: 6th July 2002 Discharge Type: Trade Discharges - Cooling Water Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A8SW (S)	905	2	384600 403000
11	**Discharge Consents** Operator: United Utilities Water Plc (?) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Boothroyden Road Cso 120m Sw Of 1 Boothroyden Close, Middleton, Manchester, Greater Manchester, M24 4rw Authority: Environment Agency, North West Region Catchment Area: Irk Reference: 016993590 Permit Version: 2 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 8th January 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: The River Irk **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A23SE (N)	973	2	384970 404950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**Discharge Consents** Operator: United Utilities Water Plc (?) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Boothroyden Road Cso 120m Sw Of 1 Boothroyden Close, Middleton, Manchester, Greater Manchester, M24 4rw Authority: Environment Agency, North West Region Catchment Area: Irk Reference: 016993590 Permit Version: 1 Effective Date: 20th July 2005 Issued Date: 20th July 2005 Revocation Date: 30th March 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: The River Irk **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	A23SE (N)	973	2	384970 404950
11	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Boothroyden Road Cso 120m Sw Of 1 Boothroyden Close, Middleton, Manchester, Greater Manchester, M24 4rw Authority: Environment Agency, North West Region Catchment Area: Irk Reference: 016993590 Permit Version: 3 Effective Date: 9th January 2020 Issued Date: 9th January 2020 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: The River Irk **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A23SE (N)	981	2	384977 404957
11	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Boothroyden Road Cso 120m Sw Of 1 Boothroyden Close, Middleton, Manchester, Greater Manchester, M24 4rw Authority: Environment Agency, North West Region Catchment Area: Irk Reference: 01ROC0018 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: 1st January 1995 Revocation Date: 20th July 2005 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Consent revoked or revised: New Consent issued (Section 37(1))** Positional Accuracy: Located by supplier to within 100m	A23SE (N)	994	2	384980 404970
12	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: South Of Blackley New Road Cso 80m South Of 244 Blackley New Rd, Manchester, ., Greater Manchester, M8 4pt Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982986 Permit Version: 2 Effective Date: 6th June 2005 Issued Date: 6th June 2005 Revocation Date: 12th November 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	983	2	384360 403010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: South Of Blackley New Road Cso 80m South Of 244 Blackley New Rd, Manchester, ., Greater Manchester, M8 4pt Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982986 Permit Version: 3 Effective Date: 13th November 2019 Issued Date: 13th November 2019 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irk **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	987	2	384360 403005
13	**Local Authority Pollution Prevention and Controls** Name: Kp Hill Service Station Location: 355 Victoria Avenue, Higher Blackley, MANCHESTER, M9 8WQ Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/017/05 Dated: 20th December 2001 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status: Authorised** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	163	3	384694 404120
14	**Local Authority Pollution Prevention and Controls** Name: Blackley CrematoriumC/O City Engineer M.C.C. Location: Victoria Avenue, Higher Blackley, MANCHESTER, Lancashire, M9 0RA Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/B/12/05/AW Dated: 14th March 1996 Process Type: Local Authority Air Pollution Control Description: PG5/2 Crematoria **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	A12SE (SW)	463	3	384355 403662
15	**Local Authority Pollution Prevention and Controls** Name: Sainsbury'S Supermarkets Ltd Location: 170 Heaton Park Road, Blackley, MANCHESTER, Lancashire, M9 0GH Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/033/05 Dated: 9th December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	753	3	384217 404519
15	**Local Authority Pollution Prevention and Controls** Name: Persil Service Ltd - C/O Sainsbury'S Ltd Location: 170 Heaton Park Road, Middleton, Manchester Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/DC/RM/14/07 Dated: 1st February 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	757	3	384226 404532
16	**Local Authority Pollution Prevention and Controls** Name: Belden Communications Division Location: Delaunays Road, Blackley, Manchester, Lancashire, M9 8fp Authority: Manchester City Council, Environmental Health Department Permit Reference: 68/94 Dated: 11th March 1994 Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 10m	A8SW (S)	883	3	384723 402997
	Nearest Surface Water Feature	A13NW (W)	47	-	384672 403973

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Not Supplied Incident Date: 11th November 1995 Incident Reference: 95612776 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Land Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	587	2	384500 404500
18	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Not Given Note: None Pollution Found Incident Date: 10th September 1992 Incident Reference: 92611634 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	682	2	384300 404495
18	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: River Irk Incident Date: 21st July 1995 Incident Reference: 95611829 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	686	2	384300 404500
19	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Sewage Treatment Works Location: Foam On Irk Under Motorway, Heaton Park Authority: Environment Agency, North West Region Pollutant: Sewage - Treated Effluent Note: Not Supplied Incident Date: 11th July 1998 Incident Reference: SO981254 Catchment Area: Irk Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	712	2	384405 404595
19	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Sewage Treatment Works Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: River Irk Incident Date: 22nd February 1993 Incident Reference: 93610302 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	719	2	384400 404600
20	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Sewage Treatment Works Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Sewage - Treated Effluent Note: River Irk Incident Date: 28th April 1993 Incident Reference: 93610874 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	768	2	384300 404600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	**Pollution Incidents to Controlled Waters** Property Type: Pollution Found Source Not Determined Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: River Irk Incident Date: 29th July 1995 Incident Reference: 95611904 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	775	2	384500 404700
22	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: BLACKLEY Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: Irk; Foam Incident Date: 3rd April 1997 Incident Reference: 97610541 Catchment Area: Irk Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	822	2	384100 404500
23	**Pollution Incidents to Controlled Waters** Property Type: Spillage; Accident - Static Site Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Paints / Dyes Note: River Irk Incident Date: 4th June 1993 Incident Reference: 93611133 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	826	2	384200 403300
24	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: River Irk Incident Date: 7th June 1995 Incident Reference: 95611361 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	838	2	384600 404800
25	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Not Given Note: None Pollution Found Incident Date: 29th July 1992 Incident Reference: 92611371 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	846	2	384000 403500
26	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Not Given Note: River Irk; None Pollution Found Incident Date: 11th August 1993 Incident Reference: 93611584 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	854	2	384300 404700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	**Pollution Incidents to Controlled Waters** Property Type: Pollution Found Source Not Determined Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: River Irk Incident Date: 24th February 1995 Incident Reference: 95610379 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	862	2	384505 404795
27	**Pollution Incidents to Controlled Waters** Property Type: Pollution Found Source Not Determined Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Detergents/Surfactant Note: River Irk Incident Date: 28th September 1994 Incident Reference: 94612168 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	864	2	384500 404795
27	**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: 15th August 1995 Incident Reference: 95612091 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	867	2	384505 404800
27	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: River Irk Incident Date: 18th August 1993 Incident Reference: 93612359 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	869	2	384500 404800
28	**Pollution Incidents to Controlled Waters** Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Detergents/Surfactant Note: River Irk Incident Date: 27th October 1992 Incident Reference: 92611902 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	888	2	383900 403600
29	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Natural Foam Incident Date: 18th April 1996 Incident Reference: 96610840 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	899	2	384000 404500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	**Pollution Incidents to Controlled Waters** Property Type: Boats/Ships Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Found Incident Date: 10th March 1994 Incident Reference: 94610452 Catchment Area: Irk Receiving Water: Groundwater Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	905	2	384200 403200
31	**Pollution Incidents to Controlled Waters** Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Unknown Sewage Note: River Irk Incident Date: 17th March 1992 Incident Reference: 92610451 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	910	2	384800 404900
32	**Pollution Incidents to Controlled Waters** Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Unknown Sewage Note: River Irk Incident Date: 30th March 1992 Incident Reference: 92610520 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	914	2	384900 404900
	River Quality Name: Irk GQA Grade: River Quality E Reach: Wince Bk To Moston Bk Estimated Distance (km): 10.3 Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000	A17SE (NW)	627	2	384382 404488
33	**Water Abstractions** Operator: Oakbest Limited Licence Number: 2569005041 Permit Version: Not Supplied Location: Two Boreholes, Higher Blackley, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 1818 Yearly Rate (m3): 181840 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	714	2	384400 404595

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	**Water Abstractions** Operator: Balfour Beatty Major Projects Licence Number: 2569005059 Permit Version: Not Supplied Location: MIDDLETON, CR7 7XA Authority: Environment Agency, North West Region Abstraction: Dust Suppression Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 240 Yearly Rate (m3): 40000 Details: The River Irk; Construction; Type: Abstraction; Status: Current Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Unknown	A18NE (N)	909	2	384900 404895
35	**Water Abstractions** Operator: British Cables Company Limited Licence Number: 2569005044 Permit Version: 106 Location: Boreholes X 2 At Blackley Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th October 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SW (S)	912	2	384610 402990
35	**Water Abstractions** Operator: Bt Cables Limited Licence Number: 2569005044 Permit Version: 105 Location: Boreholes X 2 At Blackley Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th October 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SW (S)	912	2	384610 402990
35	**Water Abstractions** Operator: Manchester Cables Ltd Licence Number: 2569005044 Permit Version: 104 Location: Boreholes X 2 At Blackley Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th May 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SW (S)	912	2	384610 402990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	**Water Abstractions** Operator: Belden (Uk) Ltd Licence Number: 2569005044 Permit Version: 103 Location: Boreholes X 2 At Blackley Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SW (S)	912	2	384610 402990
35	**Water Abstractions** Operator: Belden (Uk) Ltd Licence Number: 2569005044 Permit Version: 102 Location: 2 Boreholes At Blackley, Manchester $121 Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SW (S)	912	2	384610 402990
36	**Water Abstractions** Operator: British Cables Company Limited Licence Number: 2569005044 Permit Version: 106 Location: 2 Boreholes At Blackley, Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th October 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SE (S)	922	2	384890 402950
36	**Water Abstractions** Operator: Bt Cables Limited Licence Number: 2569005044 Permit Version: 105 Location: 2 Boreholes At Blackley, Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th October 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SE (S)	922	2	384890 402950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	**Water Abstractions** Operator: Manchester Cables Ltd Licence Number: 2569005044 Permit Version: 104 Location: 2 Boreholes At Blackley, Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th May 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SE (S)	922	2	384890 402950
36	**Water Abstractions** Operator: Belden (Uk) Ltd Licence Number: 2569005044 Permit Version: 103 Location: 2 Boreholes At Blackley, Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SE (S)	922	2	384890 402950
36	**Water Abstractions** Operator: Belden (Uk) Ltd Licence Number: 2569005044 Permit Version: 102 Location: 2 Boreholes At Blackley, Manchester Authority: Environment Agency, North West Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 909 Yearly Rate (m3): 318181 Details: Land & Premises At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SE (S)	922	2	384890 402950
37	**Water Abstractions** Operator: Avecia Ltd Licence Number: 2569005012 Permit Version: 101 Location: Borehole At Blackley, Manchester Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1000 Yearly Rate (m3): 1000 Details: Licence Holders Land At Blackley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st July 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NE (S)	983	2	385001 402901

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A23SE (N)	1032	2	384996 405006
	Water Abstractions Operator: Oakbest Ltd Licence Number: 2569005042 Permit Version: Not Supplied Location: Reservoir Fed By Un-Named Tributary, River Irk; Heaton Park, HIGHER BLACKLEY Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: River Daily Rate (m3): 623 Yearly Rate (m3): 109104 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1180	2	383800 404700
	Water Abstractions Operator: Rexmore Textiles Limited Licence Number: 2569005047 Permit Version: Not Supplied Location: Un-Named Tributary Of River Irk, Heaton Park, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Drinking; Cooking; Sanitary; Washing For Industrial Premises & Manufacturing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 546 Yearly Rate (m3): 122742 Details: Additional Purposes: Boiler feed; Domestic - industrial; Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NW (W)	1315	2	383400 404000
	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	A13NE (NW)	0	4	384796 403933
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NE (NW)	0	4	384796 403933
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (NW)	0	4	384796 403933

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (W)	47	5	384672 403973
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (W)	71	5	384645 403971
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 201.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (W)	77	5	384639 403970
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	269	5	384450 403907
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 131.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	275	5	384444 403902
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 530.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (NE)	438	5	385014 404379
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (SW)	495	5	384469 403513

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (SW)	505	5	384463 403505
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 53.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	607	5	384108 403940
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 137.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	614	5	384768 404602
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 79.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	621	5	384127 403751
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	629	5	384106 403795
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 96.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	632	5	384085 403894
51	**OS Water Network Lines** Watercourse Form: Reservoir Watercourse Length: 103.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	654	5	384189 403565
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	655	5	384078 403799
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	676	5	384063 403776

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 307.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A12NW (W)	677	5	384038 403985
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 62.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	677	5	384038 403985
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 197.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A12NW (W)	677	5	384037 403966
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 78.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	677	5	384061 403774
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 168.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	700	5	384211 403464
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 107.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	719	5	385458 403496
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 118.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A18NW (N)	723	5	384692 404703
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 115.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	724	5	385328 403332
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 262.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A18NW (N)	725	5	384674 404701

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 116.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	729	5	383987 404006
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 512.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A17SE (NW)	732	5	384141 404408
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	739	5	385029 403156
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1070.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A12SW (W)	742	5	383988 403803
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 118.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	777	5	384009 404281
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 138.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	777	5	385457 403393
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 57.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A18NW (N)	779	5	384756 404767
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	782	5	384257 403311
71	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 186.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	785	5	384262 403303

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 274.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	794	5	385032 403100
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 87.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	800	5	385430 403326
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 43.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	816	5	384251 403273
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 688.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	826	5	383890 403991
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 138.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A17NE (NW)	828	5	384415 404725
77	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 352.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	828	5	384415 404725
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 257.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	835	5	384289 404673
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 594.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A18NW (N)	836	5	384746 404823
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A17SW (NW)	854	5	383930 404292

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	857	5	385284 404707
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 57.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	861	5	385284 404711
83	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 29.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (W)	865	5	383918 404293
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 43.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (W)	865	5	383918 404293
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 49.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	884	5	383936 404374
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	884	5	383936 404374
87	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	885	5	385259 404755
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (SE)	887	5	385485 403257
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	891	5	383908 404333

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 140.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	894	5	385345 404709
91	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	899	5	385270 404764
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 251.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9SE (SE)	902	5	385488 403240
93	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	923	5	385308 404770
94	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	925	5	385279 404790
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	928	5	385280 404792
96	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	928	5	385280 404792
97	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	930	5	385285 404792
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (SE)	930	5	385581 403304

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	939	5	383900 404422
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 985.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A8SW (S)	942	5	384466 402997
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 48.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	945	5	383895 404426
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 53.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	951	5	385277 404820
103	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 55.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (SW)	954	5	384192 403145
104	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (SW)	960	5	384153 403166
105	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 196.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	985	5	385262 404868
106	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	989	5	383867 404464
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 152.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	996	5	383864 404473

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Plant Hill Road, Higher Blackley, Manchester, Greater Manchester Name: Land at Tweedle Hill Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16274 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F002	A13SE (E)	218	2	385076 403860
109	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Riverdale Road, Crumpsall, Manchester, Greater Manchester Name: Land at Riverdale Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16303 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F033	A8NW (SW)	427	2	384527 403558
110	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Higher Blackley, Manchester, Greater Manchester Name: Land at Pike Fold Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16307 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F043	A8NE (SE)	557	2	385122 403388
111	**Historical Landfill Sites** Licence Holder: Wills Fabrics Limited Location: Higher Blackley, Manchester, Greater Manchester Name: Land Off Heaton Park Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16216 First Input Date: 31st December 1947 Last Input Date: 31st December 1986 Specified Waste Type: Deposited Waste included Inert and Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9032 BGS Ref: Not Supplied Other Ref: F034, RD/LIC/133/77	A18SW (NW)	668	2	384472 404577
112	**Historical Landfill Sites** Licence Holder: Heaton Mills Printing Company Limited Location: Rochdale, Greater Manchester Name: Land at Kelvin Avenue Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD18072 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: RD/LIC/133/77/P2,D065	A18NW (N)	803	2	384584 404759

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	**Historical Landfill Sites** Licence Holder: Earl of Wilton Location: Blackley New Road, Crumpsall, Manchester, Greater Manchester Name: South of Blackley New Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16331 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F017	A8SW (S)	826	2	384576 403091
114	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Boothroyden Road, Higher Blackley, Manchester, Greater Manchester Name: Land at Boothroyden Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16197 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F047	A19NW (NE)	876	2	385231 404760
115	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Boothroyden Terrace Licence Number: 53662 Location: Boothroyden Road, Manchester, M9 0SB Licence Holder: The Director Dept Of Transport North West Construction Programme Division Authority: Environment Agency - North West Region, South Area Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied **Licence Status: Closure** Issued: 7th April 1995 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A18SE (N)	596	2	384829 404586
116	**Licensed Waste Management Facilities (Locations)** Licence Number: 53662 Location: Boothroyden Road, Manchester, M9 0SB Operator Name: The Director Dept Of Transport North West Construction Programme Division Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Household, Commercial And Industrial Waste Landfills **Licence Status: Surrendered** Issued: 7th April 1995 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 27th November 2020 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	772	2	384940 404751
	Local Authority Landfill Coverage Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency		0	6	384796 403933
	Local Authority Landfill Coverage Name: Rochdale Metropolitan Borough Council - Has no landfill data to supply		798	7	384486 404721
	Local Authority Landfill Coverage Name: Bury Metropolitan Borough Council - Has not been able to supply Landfill data		834	8	384375 404716
117	**Potentially Infilled Land (Non-Water)** Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A13SW (SW)	187	-	384598 403802

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	**Potentially Infilled Land (Non-Water)** Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A13NW (NW)	201	-	384660 404147
119	**Potentially Infilled Land (Non-Water)** Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A13SW (SW)	274	-	384492 403795
120	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A18SW (N)	450	-	384648 404409
121	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A14SW (E)	474	-	385342 403920
122	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A8SE (S)	636	-	384979 403249
123	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A8SE (S)	694	-	384953 403186
124	**Potentially Infilled Land (Non-Water)** Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A7NE (SW)	731	-	384293 403347
125	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A14NE (E)	741	-	385590 404093
126	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A9SW (SE)	741	-	385138 403191
127	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A12NW (W)	780	-	383934 403957
128	**Potentially Infilled Land (Non-Water)** Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A17SE (NW)	806	-	384163 404543
129	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A9NW (SE)	824	-	385458 403321
130	**Potentially Infilled Land (Non-Water)** Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A17NE (NW)	826	-	384241 404631
131	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A18NW (N)	829	-	384467 404746
132	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A9NE (SE)	855	-	385479 403299
133	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A8SW (S)	859	-	384471 403095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A9NE (SE)	861	-	385624 403503
135	**Potentially Infilled Land (Non-Water)** Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A19NW (NE)	886	-	385345 404699
136	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A8SE (S)	889	-	384859 402983
137	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A17SW (W)	917	-	383857 404280
138	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A9NE (E)	961	-	385750 403539
139	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A9NE (SE)	962	-	385727 403484
140	**Potentially Infilled Land (Non-Water)** Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A17NE (NW)	969	-	384286 404823
141	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NW (NW)	35	-	384749 404007
142	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	47	-	384722 403887
143	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	114	-	384639 403864
144	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (W)	157	-	384591 403856
145	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (SE)	173	-	384996 403788
146	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13SW (SW)	181	-	384695 403743
147	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13SW (SW)	228	-	384603 403744
148	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (W)	252	-	384480 404048
149	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (E)	276	-	385127 403827
150	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	306	-	384481 404153
151	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NE (NE)	316	-	385058 404191
152	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NE (NE)	321	-	385087 404159

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (W)	322	-	384393 403940
154	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A12SE (SW)	345	-	384453 403727
155	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13SW (SW)	354	-	384477 403687
156	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14SW (SE)	357	-	385180 403744
157	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	367	-	384723 404346
158	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14NW (E)	371	-	385227 404018
159	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14NW (E)	371	-	385236 403968
160	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SE (N)	383	-	384798 404373
161	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12SE (W)	391	-	384341 403836
162	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14SW (SE)	391	-	385196 403697
163	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (W)	392	-	384341 403834
164	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	405	-	384482 403613
165	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (W)	440	-	384300 403806
166	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14SW (E)	450	-	385308 403830
167	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A9NW (SE)	470	-	385205 403570
168	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8NW (SW)	493	-	384540 403471
169	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18SE (N)	517	-	384862 404505
170	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8NW (S)	523	-	384714 403365
171	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A7NE (SW)	534	-	384447 403481
172	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (NE)	556	-	385366 404171
173	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A19SW (NE)	575	-	385237 404378

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
174	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A7NE (SW)	590	-	384384 403455
175	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A14NW (E)	613	-	385443 404136
176	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14NW (NE)	614	-	385388 404250
177	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A17SE (NW)	642	-	384357 404487
178	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A9NW (SE)	644	-	385413 403568
179	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14NE (E)	646	-	385514 403958
180	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8SE (S)	658	-	384902 403215
181	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	667	-	385210 403313
182	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	670	-	384066 403785
183	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	671	-	385235 403326
184	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A17SE (NW)	675	-	384381 404546
185	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	681	-	385199 403291
186	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A7NE (SW)	682	-	384283 403419
187	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	691	-	385201 403279
188	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (SW)	693	-	384481 403274
189	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A7NE (SW)	696	-	384274 403407
190	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A14NE (E)	707	-	385558 404082
191	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A17SE (NW)	741	-	384298 404567
192	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A7NE (SW)	747	-	384280 403338
193	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	749	-	384798 403124
194	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8SE (S)	753	-	384898 403120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
195	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A19SE (NE)	765	-	385504 404348
196	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A19NW (NE)	772	-	385190 404664
197	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9SW (SE)	775	-	385294 403241
198	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	797	-	384724 404782
199	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14SE (E)	799	-	385658 403805
200	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	804	-	384094 403442
201	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A19SE (NE)	813	-	385591 404297
202	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A19SE (NE)	814	-	385505 404432
203	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	817	-	383979 403598
204	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A14SE (E)	819	-	385685 403875
205	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A18NW (N)	823	-	384464 404738
206	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	824	-	384717 404808
207	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	836	-	384348 403186
208	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	850	-	383966 403550
209	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A14NE (E)	857	-	385679 404204
210	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	858	-	385719 404037
211	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A17NE (NW)	907	-	384405 404806
212	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	913	-	384745 402963
213	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	934	-	383914 403470
214	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	938	-	384877 402933
215	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14NE (E)	940	-	385799 404059

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
216	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A3NE (S)	961	-	384923 402914
217	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	979	-	385581 404598
218	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A9SW (SE)	985	-	385435 403083
219	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A18NW (N)	993	-	384500 404931
220	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A15NW (E)	997	-	385856 404059
221	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A9NE (E)	1000	-	385795 403547
222	**Registered Landfill Sites** Licence Holder: Wills Fabrics Ltd Licence Reference: 00133/77/M3 Site Location: Heaton Park Road, Higher Blackley, Manchester, Greater Manchester Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: 44 George Street, Manchester, Greater Manchester Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: Waste produced/controlled by licence holder Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 22nd September 1983 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste Construction And Demolition Wastes Prohibited Waste Liquid/Slurry/Sludge Wastes	A18SW (NW)	666	2	384465 404571

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
223	**Registered Landfill Sites** Licence Holder: Dept Of Transport (N.W. Constr'N Prog) Licence Reference: 00828/M02 Site Location: Rhodes/Higher Blakely, Boothroyden Terrace, Manchester, Greater Manchester Licence Easting: 384900 Licence Northing: 404700 Operator Location: Sunley Tower, Piccadilly Plaza, MANCHESTER, Greater Manchester, M1 4BE Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source Restrictions: Waste produced/controlled by licence holder Status: Site Closed Dated: 7th April 1995 Preceded By Licence: 00828/92 Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Gmwda Group 1 - Non/V.Slow Decomp.Wast Gmwda Group 2 - Slow Decomp./Slight So Gmwda Group 3 - Decomp./Sol.Waste = No Max.Waste Permitted By Licence Prohibited Waste: Asbestos Contaminated Soil Explosive Waste Liquid Wastes Press'D Containers Or Waste Therein Sludge Wastes Waste At Higher Than Ambient Temp(30c) Waste In Skips Waste N.O.S Whether/Not Pack./Pre-Trt Waste Reacting Violently With Water Waste With Flash Pt < 30 C Waste With Ph < 2.0 Waste With Ph > 12.0	A18NE (N)	715	2	384900 404700
223	**Registered Landfill Sites** Licence Holder: Dept Of Transport (N.W. Constr'N Prog) Licence Reference: 00828/92 Site Location: Rhodes/Higher Blakely, Boothroyden Terrace, Manchester, Greater Manchester Licence Easting: 384900 Licence Northing: 404700 Operator Location: Sunley Tower, Piccadilly Plaza, MANCHESTER, Greater Manchester, M1 4BE Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Record supersededSuperseded Dated: 1st April 1993 Preceded By Licence: Not Given Superseded By Licence: 00828/M02 Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Asbestos Fibre/Powder Asbestos Lagging Asbestos Sheet/Piping Composite Bonded Gmwda Group 1 - Non/V.Slow Decomp.Wast Gmwda Group 2 - Slow Decomp./Slight So Gmwda Group 3 - Decomp./Sol.Waste = No Max.Waste Permitted By Licence Prohibited Waste: Explosive Waste Liquid Wastes Malodorous Waste Mineral Processing Wastes Pressurized Containers/Waste Therein Sludge Wastes Violently Reactive Waste Waste N.O.S. Waste With Flash Pt < 30 C Waste With Ph < 3.0 Waste With Temp. > 30 C	A18NE (N)	715	2	384900 404700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13NE (NW)	0	1	384796 403933
	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: 30 - 45 mg/kg	A13NE (NW)	0	1	384796 403933
	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: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	118	1	384727 403794
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SW (N)	308	1	384683 404279
	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: 30 - 45 mg/kg	A13SW (SW)	348	1	384549 403631
	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: 30 - 45 mg/kg	A17SE (NW)	496	1	384333 404271
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NE (W)	573	1	384141 403965

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 Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12SW (W)	777	1	383938 403925
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NW (N)	818	1	384580 404774
	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: 30 - 45 mg/kg	A17SE (NW)	821	1	384189 404585
	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	A19NW (NE)	874	1	385277 404731
	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	A19NW (NE)	878	1	385330 404700
	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	A23SW (N)	978	1	384772 404967

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
224	**BGS Recorded Mineral Sites** Site Name: Higher Blackley Sand Pit Location: Higher Blackley, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96920 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	A13SW (SW)	271	1	384495 403795
225	**BGS Recorded Mineral Sites** Site Name: Heaton Mill Sand Pit Location: Higher Blackley, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96898 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	A18SW (N)	464	1	384654 404425
226	**BGS Recorded Mineral Sites** Site Name: Pike Fold Clay Pit Location: Higher Blackley, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96919 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Permian Geology: Manchester Marls Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	672	1	385243 403330
227	**BGS Recorded Mineral Sites** Site Name: South Lodge Sand Pit Location: Higher Blackley, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96899 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Alluvium Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A12NW (W)	736	1	383978 403947
228	**BGS Recorded Mineral Sites** Site Name: Pike Fold Sand Pit Location: Higher Blackley, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96918 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	A9SW (SE)	739	1	385147 403197
229	**BGS Recorded Mineral Sites** Site Name: Pike Fold Sand Pit Location: Higher Blackley, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96904 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	A9NW (SE)	791	1	385363 403274

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
230	**BGS Recorded Mineral Sites** Site Name: Blackley Sand Pit Location: Blackley, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96909 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	A8SE (S)	902	1	384881 402970
231	**BGS Recorded Mineral Sites** Site Name: Heaton Park Sand Pit Location: Higher Blackley, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96897 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	A17SW (W)	911	1	383871 404298
232	**BGS Recorded Mineral Sites** Site Name: Haze Bottom Top Sand Pit Location: Higher Blackley, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96905 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	A9NE (E)	960	1	385751 403545
	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.	A13NE (NW)	0	9	384796 403933
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	384796 403933
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	132	1	385000 403933
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	384796 403933
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	132	1	385000 403933
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	384796 403933
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	132	1	385000 403933
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	384796 403933

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	132	1	385000 403933
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	384796 403933
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	132	1	385000 403933
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	384796 403933
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	132	1	385000 403933
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	384796 403933
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	384796 403933

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
233	**Contemporary Trade Directory Entries** Name: Lang Furniture Restoration Location: 25d, Northdale Road, Manchester, M9 8WG Classification: Furniture - Repairing & Restoring **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	85	-	384682 404032
234	**Contemporary Trade Directory Entries** Name: Tex'S Tyres Location: 355, Victoria Avenue, Manchester, M9 8WQ Classification: Tyre Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	163	-	384694 404120
234	**Contemporary Trade Directory Entries** Name: Esso Location: 355, Victoria Avenue, Manchester, M9 8WQ Classification: Petrol Filling Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	163	-	384694 404120
234	**Contemporary Trade Directory Entries** Name: K P Hill Service Station Location: 355, Victoria Avenue, Manchester, M9 8WQ Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	163	-	384694 404120
234	**Contemporary Trade Directory Entries** Name: Blakeley Tyres Location: 355, Victoria Avenue, Manchester, M9 8WQ Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	163	-	384694 404120
234	**Contemporary Trade Directory Entries** Name: K P M O T Centre Location: Manchester, M9 8WQ Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	164	-	384698 404122
234	**Contemporary Trade Directory Entries** Name: Esso Location: 355, Victoria Avenue, Manchester, M9 8WQ Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	174	-	384693 404131
234	**Contemporary Trade Directory Entries** Name: M & C Cars Location: Victoria Av, Manchester, M9 8WQ Classification: Car Dealers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NW (N)	183	-	384714 404148
235	**Contemporary Trade Directory Entries** Name: Karate Cards Location: 100, Broomhall Road, Manchester, M9 8PA Classification: Greeting Card Publishers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	163	-	384624 404090
236	**Contemporary Trade Directory Entries** Name: D T R Supplies Location: 373, Victoria Avenue, Manchester, M9 8WQ Classification: Painting & Decorating Supplies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	213	-	384624 404147
237	**Contemporary Trade Directory Entries** Name: Atkinsons Location: 19, Stanwick Avenue, Manchester, M9 8PD Classification: Boilers - Servicing, Replacements & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	273	-	384444 403991
238	**Contemporary Trade Directory Entries** Name: Enterprise Motorcycle Services Location: 19, Wilma Avenue, Manchester, M9 8LW Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	273	-	385138 403963

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
239	**Contemporary Trade Directory Entries** Name: Claims Solutions Location: 454, Victoria Avenue, Manchester, M9 0PL Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	422	-	384365 404192
240	**Contemporary Trade Directory Entries** Name: Blackley Cemetery & Crematorium Location: Manchester, M9 0NG Classification: Cemeteries & Crematoria **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (SW)	461	-	384369 403646
241	**Contemporary Trade Directory Entries** Name: Goodluck Cleaning Services Location: 2, Sherwell Road, Manchester, M9 8JB Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (S)	492	-	384999 403404
242	**Contemporary Trade Directory Entries** Name: Cleaning Service Location: 1, Melverley Road, Manchester, M9 0PR Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	564	-	384209 404206
243	**Contemporary Trade Directory Entries** Name: Craft In Iron Location: 193, Victoria Avenue, Manchester, M9 0RA Classification: Gate Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	588	-	385407 404159
244	**Contemporary Trade Directory Entries** Name: Harrison Cleaning Specialists Location: 32, Gildersdale Drive, Manchester, M9 0SN Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	613	-	385077 404544
244	**Contemporary Trade Directory Entries** Name: Ace Asphalt Co Location: 34, Gildersdale Drive, Manchester, M9 0SN Classification: Asphalt & Coated Macadam Laying Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	623	-	385069 404558
244	**Contemporary Trade Directory Entries** Name: Ace Asphalt Ltd Location: 34, Gildersdale Drive, Manchester, M9 0SN Classification: Asphalt & Coated Macadam Laying Contractors **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	623	-	385069 404558
244	**Contemporary Trade Directory Entries** Name: Ace Asphalt Co Location: 34, Gildersdale Drive, Manchester, M9 0SN Classification: Asphalt & Coated Macadam Laying Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	623	-	385069 404558
244	**Contemporary Trade Directory Entries** Name: Ace Asphalt Location: 34, Gildersdale Drive, Manchester, M9 0SN Classification: Asphalt & Coated Macadam Laying Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	623	-	385069 404558
244	**Contemporary Trade Directory Entries** Name: Ace Asphalt Ltd Location: 34, Gildersdale Drive, Manchester, M9 0SN Classification: Asphalt & Coated Macadam Laying Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	623	-	385069 404558
245	**Contemporary Trade Directory Entries** Name: J A M Medical Location: 14, Glanford Avenue, Manchester, M9 8HP Classification: Medical Equipment Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	617	-	384497 403352

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
246	**Contemporary Trade Directory Entries** Name: Currys Location: Heaton Park Road, Manchester, M9 0QS Classification: Electrical Goods Sales, Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	707	-	384398 404586
246	**Contemporary Trade Directory Entries** Name: Sainsbury'S Petrol Station Location: Heaton Park Road, Manchester, Greater Manchester, M9 0QS Classification: Petrol Filling Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	723	-	384415 404612
247	**Contemporary Trade Directory Entries** Name: Mojo Rooster Guitars Ltd Location: Flat 17, Arundel Court, Beadham Drive, Manchester, M9 0GY Classification: Musical Instrument - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	724	-	384064 404273
248	**Contemporary Trade Directory Entries** Name: Boothroyden Horse Transport Location: Boothroyden Cottage, Boothroyden Terrace, Manchester, M9 0SB Classification: Horse Boxes & Transporting **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	759	-	385079 404702
249	**Contemporary Trade Directory Entries** Name: Asna Shipping Services Ltd Location: 158, Blackley New Road, Manchester, M9 8EG Classification: Freight Forwarders **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	781	-	384836 403090
249	**Contemporary Trade Directory Entries** Name: A S N A Shipping Services Location: 158, Blackley New Road, Manchester, M9 8EG Classification: Road Haulage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	781	-	384836 403090
249	**Contemporary Trade Directory Entries** Name: Failsworth Builders Ltd Location: 158, Blackley New Road, Manchester, M9 8EG Classification: Timber Preservation Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	781	-	384836 403090
249	**Contemporary Trade Directory Entries** Name: A1 Garage Mcr Ltd Location: 158, Blackley New Road, Manchester, M9 8EG Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	781	-	384836 403090
249	**Contemporary Trade Directory Entries** Name: National Tyres And Autocare Location: 158, Blackley New Road, Manchester, M9 8EG Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	781	-	384836 403090
249	**Contemporary Trade Directory Entries** Name: North West Location: 158, Blackley New Road, Manchester, M9 8EG Classification: Builders' Tools & Equipment Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	781	-	384836 403090
249	**Contemporary Trade Directory Entries** Name: Northwest Concrete Ltd Location: 158, Blackley New Road, Manchester, M9 8EG Classification: Concrete & Mortar Ready Mixed **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	781	-	384836 403090
250	**Contemporary Trade Directory Entries** Name: Persil Service Ltd Location: 170 Heaton Pk Rd West, Manchester, Lancashire, M9 0TZ Classification: Dry Cleaners **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	781	-	384124 404466

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
251	**Contemporary Trade Directory Entries** Name: Broomwood Property Care Location: Flat 48, Sandyhill Court, Sandyhill Road, Manchester, M9 8JS Classification: Damp & Dry Rot Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	822	-	384404 403169
252	**Contemporary Trade Directory Entries** Name: Tonge & Young Ltd Location: Blackley New Rd, Manchester, M9 8ER Classification: Dyers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	900	-	384996 402984
252	**Contemporary Trade Directory Entries** Name: Smartkem Location: Delaunays Rd, Manchester, Lancashire, M9 8FP Classification: Chemical Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	940	-	385024 402949
252	**Contemporary Trade Directory Entries** Name: British Cables Company Location: Delaunays Road, Manchester, M9 8FP Classification: Wire Products - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	940	-	385024 402949
253	**Contemporary Trade Directory Entries** Name: Kendall Plumbing Services Location: 62, Kendall Road, Manchester, M8 4NF Classification: Boilers - Servicing, Replacements & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	916	-	383901 403532
254	**Contemporary Trade Directory Entries** Name: Energy Brokers Location: 21, Beardwood Road, Manchester, M9 6RW Classification: Energy Efficient Products and Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	931	-	385799 403896
254	**Contemporary Trade Directory Entries** Name: All Done Cleaning Contracts Location: 2, Courtfield Avenue, Manchester, M9 6RT Classification: Cleaning Services - Commercial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A15SW (E)	948	-	385816 403889
255	**Contemporary Trade Directory Entries** Name: Crumpsall Plastics & Engineering Ltd Location: French Barn Lane, Manchester, M9 6PB Classification: Engineers - General **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SE (SE)	946	-	385516 403204
256	**Fuel Station Entries** Name: K P Hill Service Location: 365, Victoria Avenue Broomhall Road, , Manchester, Greater Manchester, M9 8WQ Brand: Esso Premises Type: Petrol Station **Status: Open** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	163	-	384694 404120
257	**Fuel Station Entries** Name: Sainsburys Heaton Park Location: Heaton Park Heaaton Park Road West, , Manchester, Greater Manchester, M9 0QS Brand: Sainsburys Premises Type: Hypermarket **Status: Open** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	750	-	384222 404520
258	**Fuel Station Entries** Name: Heaton Park Filling Station Location: Middleton Road , Crumpsall , Manchester, Greater Manchester, M8 4NB Brand: Obsolete Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A12SW (W)	962	-	383803 403645

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
259	**Points of Interest - Commercial Services** Name: K P M O T Centre Location: 355 Victoria Avenue, Manchester, M9 8WQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	162	10	384694 404119
259	**Points of Interest - Commercial Services** Name: Bubbles Location: 355 Victoria Avenue, Manchester, M9 8WQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (NW)	163	10	384694 404120
260	**Points of Interest - Commercial Services** Name: Speciality Valeting Mobile Services Location: 6 Torksey Walk, Manchester, M9 0NN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NE (NE)	273	10	385010 404180
261	**Points of Interest - Commercial Services** Name: Enterprise Motorcycle Services Location: 19 Wilma Avenue, Manchester, M9 8LW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	273	10	385138 403963
262	**Points of Interest - Commercial Services** Name: Claims Solutions Location: 454 Victoria Avenue, Manchester, M9 0PL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (NW)	422	10	384365 404192
262	**Points of Interest - Commercial Services** Name: Claims Solutions Services Location: 454 Victoria Avenue, Manchester, M9 0PL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (NW)	422	10	384365 404192
263	**Points of Interest - Commercial Services** Name: Sainsburys Heaton Park Location: Heaton Park, Heaaton Park Road West, Manchester, M9 0QS Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SE (NW)	750	10	384222 404520
263	**Points of Interest - Commercial Services** Name: Car Wash Location: Heaton Park, Heaaton Park Road West, Manchester, Lancashire, M9 0QS Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SE (NW)	750	10	384222 404520
264	**Points of Interest - Commercial Services** Name: Asna Shipping Location: 158 Blackley New Road, Manchester, M9 8EG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8SE (S)	781	10	384836 403090
264	**Points of Interest - Commercial Services** Name: A1 Garage McR Ltd Location: 158 Blackley New Road, Manchester, M9 8EG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SE (S)	781	10	384836 403090
264	**Points of Interest - Commercial Services** Name: A S N A Shipping Services Location: 158 Blackley New Road, Manchester, M9 8EG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8SE (S)	781	10	384836 403090
265	**Points of Interest - Manufacturing and Production** Name: Works Location: M9 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A8SW (S)	860	10	384750 403017

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
265	**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	A8SW (S)	863	10	384710 403019
266	**Points of Interest - Manufacturing and Production** Name: Works Location: M9 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A8SE (S)	932	10	384999 402952
266	**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	A8SE (S)	955	10	385025 402933
267	**Points of Interest - Manufacturing and Production** Name: Works Location: M9 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SE (SE)	938	10	385512 403212
267	**Points of Interest - Manufacturing and Production** Name: Works Location: M9 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SE (SE)	940	10	385490 403188
267	**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	A9SE (SE)	943	10	385494 403188
268	**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	A8SE (S)	952	10	384858 402919
268	**Points of Interest - Manufacturing and Production** Name: Works Location: M9 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	952	10	384858 402919
269	**Points of Interest - Public Infrastructure** Name: Esso Location: 355 Victoria Avenue, Manchester, M9 8WQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	162	10	384694 404119
269	**Points of Interest - Public Infrastructure** Name: K P Hill Service Station Location: 355 Victoria Avenue, Manchester, M9 8WQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	163	10	384694 404120
269	**Points of Interest - Public Infrastructure** Name: K P Hill Service Station Location: 355 Victoria Avenue, Manchester, M9 8WQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	163	10	384694 404120
269	**Points of Interest - Public Infrastructure** Name: Hill Service Station Location: 365 Victoria Avenue, Broomhall Road, Manchester, Lancashire, M9 8WQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	163	10	384694 404120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
269	**Points of Interest - Public Infrastructure** Name: Esso Location: 355 Victoria Avenue, Manchester, M9 8WQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	174	10	384693 404131
270	**Points of Interest - Public Infrastructure** Name: Blackley Cemetery Location: M9 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	220	10	384548 403809
271	**Points of Interest - Public Infrastructure** Name: Crematorium Location: M9 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A12SE (SW)	455	10	384373 403651
271	**Points of Interest - Public Infrastructure** Name: Blackley Cemetery & Crematorium Location: Chapel Lane, Manchester, M9 8JP Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A12SE (SW)	459	10	384371 403647
271	**Points of Interest - Public Infrastructure** Name: Blackley Cemetery Location: Chapel Lane, Manchester, M9 8JP Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A12SE (SW)	459	10	384372 403647
272	**Points of Interest - Public Infrastructure** Name: Blackley Cemetery Location: M9 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	477	10	384243 404026
273	**Points of Interest - Public Infrastructure** Name: Blackley Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	501	10	384254 403757
273	**Points of Interest - Public Infrastructure** Name: Blackley Cemetery Location: M9 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	533	10	384220 403755
274	**Points of Interest - Public Infrastructure** Name: Plant Hill Police Station Location: Police Station, Plant Hill Road, Manchester, M9 8LU Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A9NW (SE)	533	10	385170 403450
275	**Points of Interest - Public Infrastructure** Name: Blackley Cemetery Location: M9 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	621	10	384303 403483
276	**Points of Interest - Public Infrastructure** Name: Weir Location: M8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	682	10	384039 403858
276	**Points of Interest - Public Infrastructure** Name: Weir Location: M8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	686	10	384035 403858

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
277	**Points of Interest - Public Infrastructure** Name: Weir Location: M9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	734	10	384004 404140
277	**Points of Interest - Public Infrastructure** Name: Weir Location: M9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	737	10	384001 404138
278	**Points of Interest - Public Infrastructure** Name: Sainsbury's Heaton Park Location: Heaton Park, Heaaton Park Road West, Manchester, M9 0QS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17SE (NW)	750	10	384222 404520
278	**Points of Interest - Public Infrastructure** Name: Sainsbury's Petrol Station Location: Heaton Park Road, Manchester, M9 0QS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17SE (NW)	755	10	384234 404536
279	**Points of Interest - Public Infrastructure** Name: Weir Location: M9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	796	10	384478 404715
279	**Points of Interest - Public Infrastructure** Name: Weir Location: M9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	797	10	384478 404716
279	**Points of Interest - Public Infrastructure** Name: Weir Location: M9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	805	10	384485 404727
279	**Points of Interest - Public Infrastructure** Name: Weir Location: M9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	805	10	384485 404727
280	**Points of Interest - Public Infrastructure** Name: Cemetery Location: M9 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A9SW (S)	954	10	385184 402980
280	**Points of Interest - Public Infrastructure** Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A9SW (S)	955	10	385190 402981
281	**Points of Interest - Public Infrastructure** Name: Weir Location: M24 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	997	10	384982 404973
281	**Points of Interest - Public Infrastructure** Name: Weir Location: M24 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	997	10	384985 404972

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
282	**Points of Interest - Recreational and Environmental** Name: Playground Location: Bradney Close, M9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	159	10	384876 403715
282	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	160	10	384876 403714
283	**Points of Interest - Recreational and Environmental** Name: Play Area Location: M9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	367	10	385074 404249
284	**Points of Interest - Recreational and Environmental** Name: Play Area Location: M9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	641	10	384505 403320
285	**Points of Interest - Recreational and Environmental** Name: Skatepark Location: M9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	790	10	385632 403724
286	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	819	10	385684 403849
286	**Points of Interest - Recreational and Environmental** Name: Playground Location: Ashdown Avenue, M9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	819	10	385684 403849

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
287	**Areas of Adopted Green Belt** Authority: Manchester City Council Plan Name: Proposals Map **Status: Adopted** Plan Date: 11th July 2012	A17SW (NW)	852	12	383945 404319
288	**Areas of Adopted Green Belt** Authority: Bury Metropolitan Borough Council Plan Name: Bury Unitary Development Plan **Status: Adopted** Plan Date: 29th August 1997	A17NE (NW)	913	8	384267 404749
289	**Local Nature Reserves** Name: Blackley Forest Multiple Area: Y Area (m2): 342103.02 Source: Natural England Designation Date: 20th June 2005	A13SW (SW)	309	11	384604 403647
290	**Nitrate Vulnerable Zones** Name: River Irk (Moston Brook To River Irwell) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NE (NW)	0	4	384796 403933

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
Salford City Council - Environmental Health Department	November 2013	Annual Rolling Update
Bury Metropolitan Borough Council - Environmental Health Department	October 2013	Annual Rolling Update
Rochdale Metropolitan Borough Council - Environmental Health Department	October 2017	Annually
Oldham Metropolitan Borough Council - Environmental Health Department	September 2013	Annual Rolling Update
Manchester City Council - Environmental Health Department	September 2014	Annual Rolling Update
Discharge Consents		
Environment Agency - North West Region	January 2021	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - North West Region	March 2013	Annual Rolling Update
Integrated Pollution Controls		
Environment Agency - North West Region	October 2008	Variable
Integrated Pollution Prevention And Control		
Environment Agency - North West Region	January 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Bury Metropolitan Borough Council - Environmental Health Department	February 2015	Variable
Rochdale Metropolitan Borough Council - Environmental Health Department	July 2014	Variable
Oldham Metropolitan Borough Council - Environmental Health Department	March 2015	Variable
Salford City Council - Environmental Health Department	March 2015	Variable
Manchester City Council - Environmental Health Department	September 2014	Variable
Local Authority Pollution Prevention and Controls		
Bury Metropolitan Borough Council - Environmental Health Department	February 2015	Not Applicable
Rochdale Metropolitan Borough Council - Environmental Health Department	July 2014	Annual Rolling Update
Oldham Metropolitan Borough Council - Environmental Health Department	March 2015	Annual Rolling Update
Salford City Council - Environmental Health Department	March 2015	Annual Rolling Update
Manchester City Council - Environmental Health Department	September 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Bury Metropolitan Borough Council - Environmental Health Department	February 2015	Variable
Rochdale Metropolitan Borough Council - Environmental Health Department	July 2014	Variable
Salford City Council - Environmental Health Department	March 2015	Variable
Oldham Metropolitan Borough Council - Environmental Health Department	September 2013	Variable
Manchester City Council - Environmental Health Department	September 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	October 2020	
Pollution Incidents to Controlled Waters		
Environment Agency - North West Region	January 2000	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - North West Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters		
Environment Agency - North West Region	March 2013	Annual Rolling Update
Registered Radioactive Substances		
Environment Agency - North West Region	June 2016	
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - North West Region - South Area	January 2021	Quarterly

Data Currency

Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - North West Region	January 2021	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2020	Quarterly
Flood Defences Environment Agency - Head Office	September 2020	Quarterly
OS Water Network Lines Ordnance Survey	September 2020	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - North West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - North West Region - South Area	January 2021	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - North West Region - South Area	January 2021	Quarterly
Local Authority Landfill Coverage		
Bury Metropolitan Borough Council	May 2000	Not Applicable
Manchester City Council - Planning Department	May 2000	Not Applicable
Oldham Metropolitan Borough Council	May 2000	Not Applicable
Rochdale Metropolitan Borough Council - Environmental Health Department	May 2000	Not Applicable
Salford City Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Bury Metropolitan Borough Council	May 2000	Not Applicable
Manchester City Council - Planning Department	May 2000	Not Applicable
Oldham Metropolitan Borough Council	May 2000	Not Applicable
Rochdale Metropolitan Borough Council - Environmental Health Department	May 2000	Not Applicable
Salford City Council - Environmental Health Department	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - North West Region - South Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - North West Region - South Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - North West Region - South Area	March 2003	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Bury Metropolitan Borough Council	February 2016	Variable
Manchester City Council - Planning Department	February 2016	Variable
Oldham Metropolitan Borough Council	February 2016	Variable
Rochdale Metropolitan Borough Council	February 2016	Variable
Salford City Council	June 2016	Variable
Planning Hazardous Substance Consents		
Bury Metropolitan Borough Council	February 2016	Variable
Manchester City Council - Planning Department	February 2016	Variable
Oldham Metropolitan Borough Council	February 2016	Variable
Rochdale Metropolitan Borough Council	February 2016	Variable
Salford City Council	June 2016	Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2020	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	**Version**	**Update Cycle**
Contemporary Trade Directory Entries Thomson Directories	January 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	September 2020	Quarterly
Gas Pipelines National Grid	January 2021	
Points of Interest - Commercial Services PointX	December 2020	Quarterly
Points of Interest - Education and Health PointX	December 2020	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2020	Quarterly
Points of Interest - Public Infrastructure PointX	December 2020	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2020	Quarterly
Underground Electrical Cables National Grid	December 2020	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt		
Bury Metropolitan Borough Council	June 2020	As notified
Manchester City Council	June 2020	As notified
Oldham Metropolitan Borough Council	June 2020	As notified
Rochdale Metropolitan Borough Council	June 2020	As notified
Salford City Council	June 2020	As notified
Areas of Unadopted Green Belt		
Bury Metropolitan Borough Council	June 2020	As notified
Manchester City Council	June 2020	As notified
Oldham Metropolitan Borough Council	June 2020	As notified
Rochdale Metropolitan Borough Council	June 2020	As notified
Salford City Council	June 2020	As notified
Areas of Outstanding Natural Beauty		
Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	February 2021	Bi-Annually
Marine Nature Reserves		
Natural England	July 2019	Bi-Annually
National Nature Reserves		
Natural England	January 2021	Bi-Annually
National Parks		
Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones		
Environment Agency - Head Office	December 2017	Bi-Annually
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
Ramsar Sites		
Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2021	Bi-Annually
Special Areas of Conservation		
Natural England	July 2020	Bi-Annually
Special Protection Areas		
Natural England	September 2020	Bi-Annually

Data Suppliers

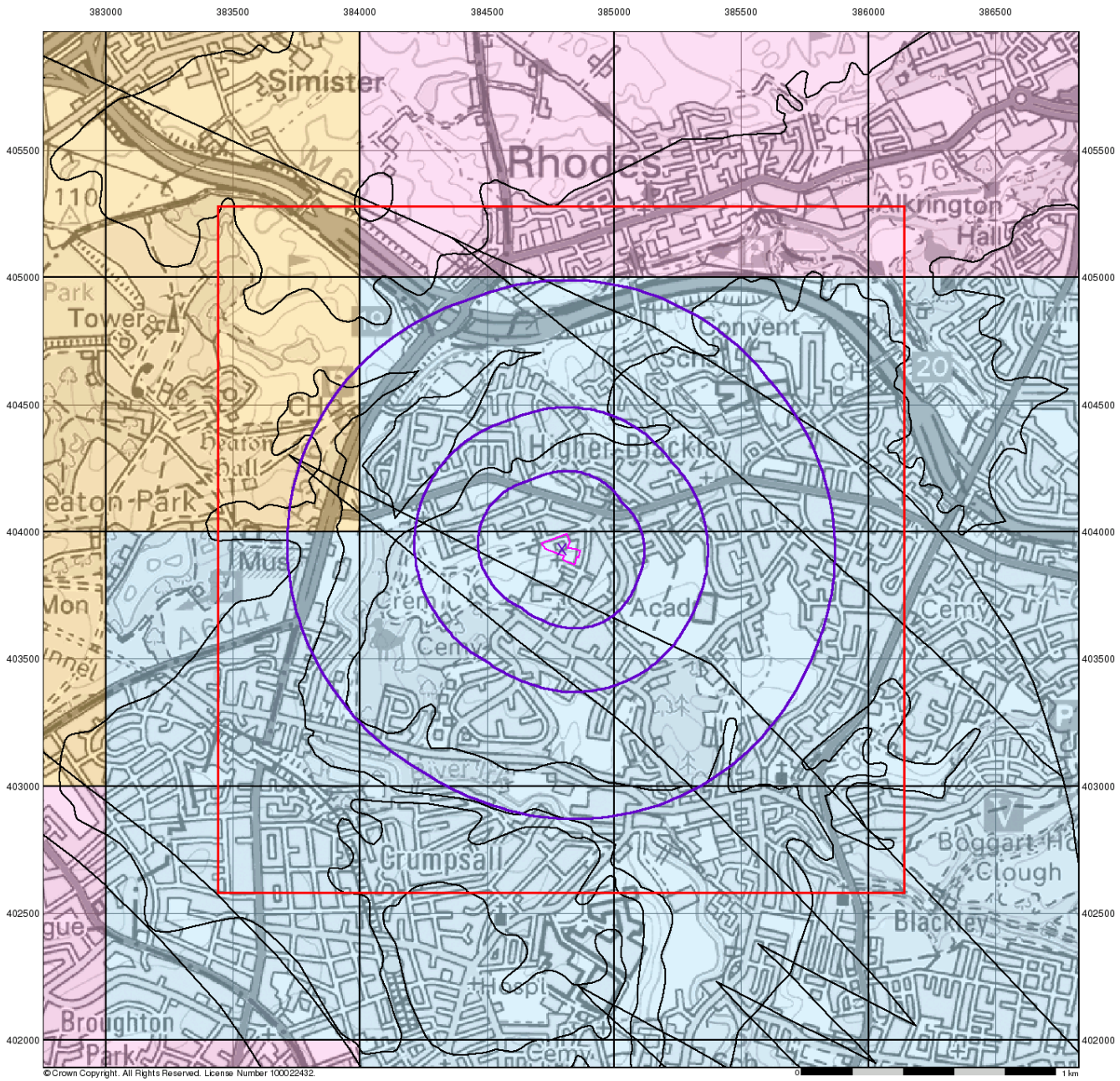
A selection of organisations who provide data within this report

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

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Manchester City Council - Environmental Health Department** PO Box 463, Town Hall Extension, Albert Square, Manchester, Greater Manchester, M60 3NY	Telephone: 0161 234 4884 / 234 4873. Fax: 0161 234 4508 Website: www.manchester.gov.uk
4	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	**Manchester City Council - Planning Department** Town Hall, Manchester, Greater Manchester, M60 2LA	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
7	**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
8	**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
9	**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
10	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
11	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
12	**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** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



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Groundwater Vulnerability

General

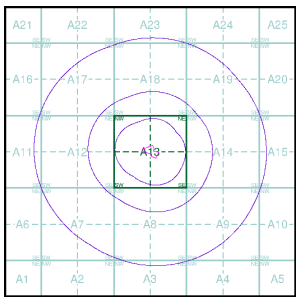
Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

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



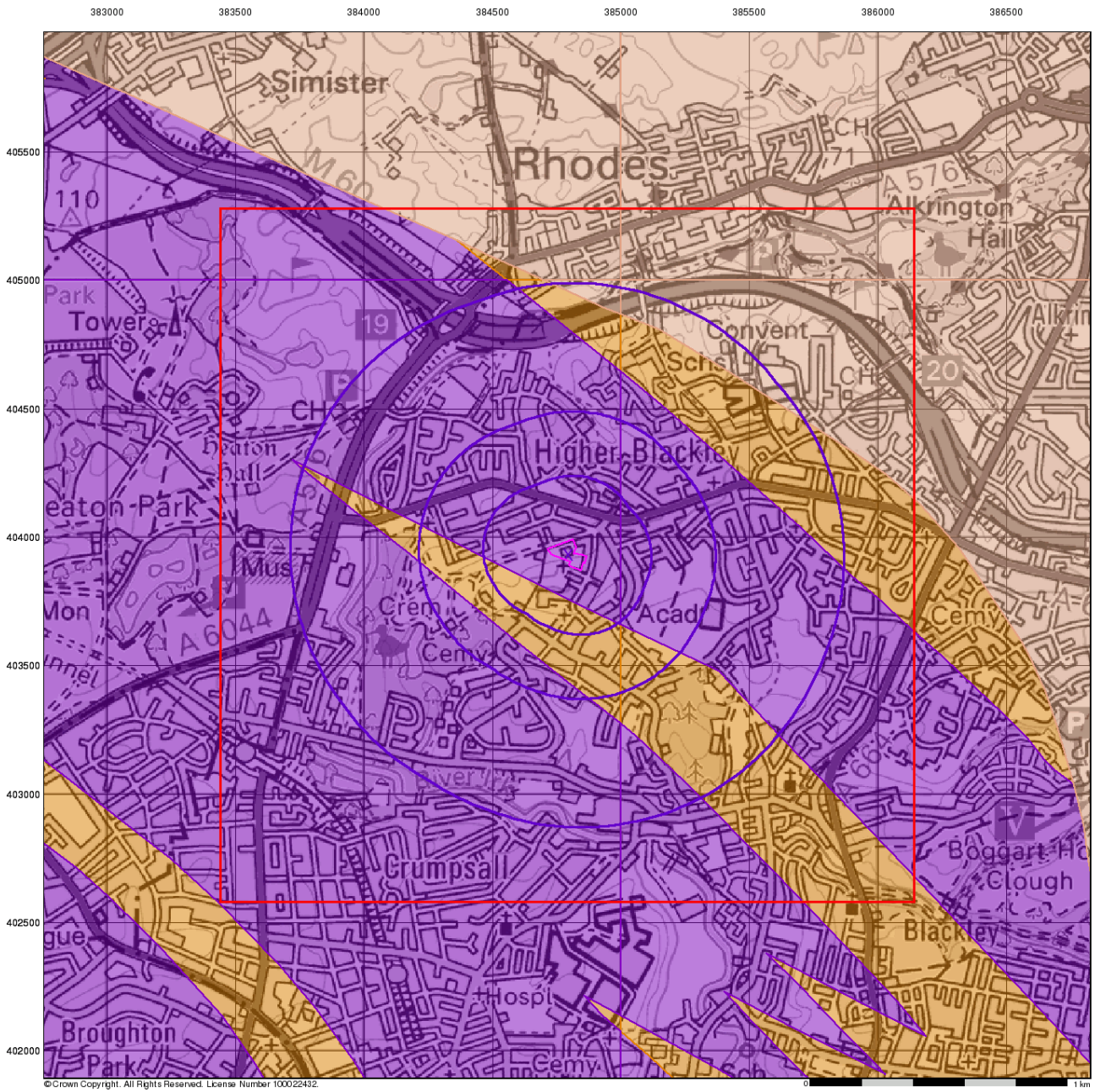
Order Details

Order Number:	273937983_1_1
Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

Day Nursery, Longhurst Road, Manchester, M9 8NS

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Web: www.envirocheck.co.uk



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LANDMARK INFORMATION GROUP®

Bedrock Aquifer Designation

General

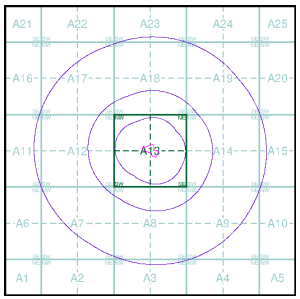
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

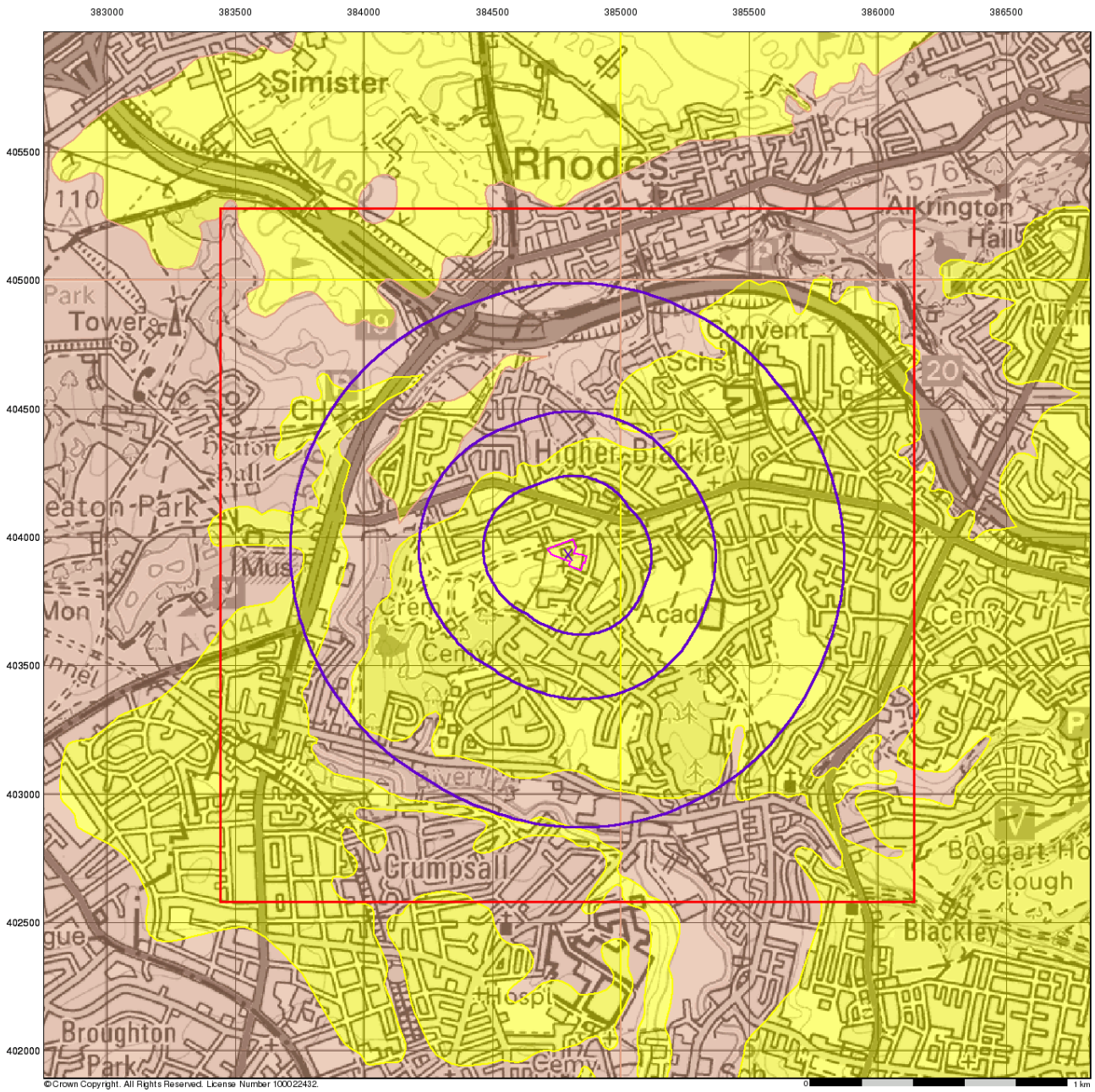
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Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

Day Nursery, Longhurst Road, Manchester, M9 8NS

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Superficial Aquifer Designation

General

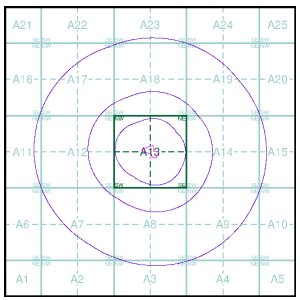
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

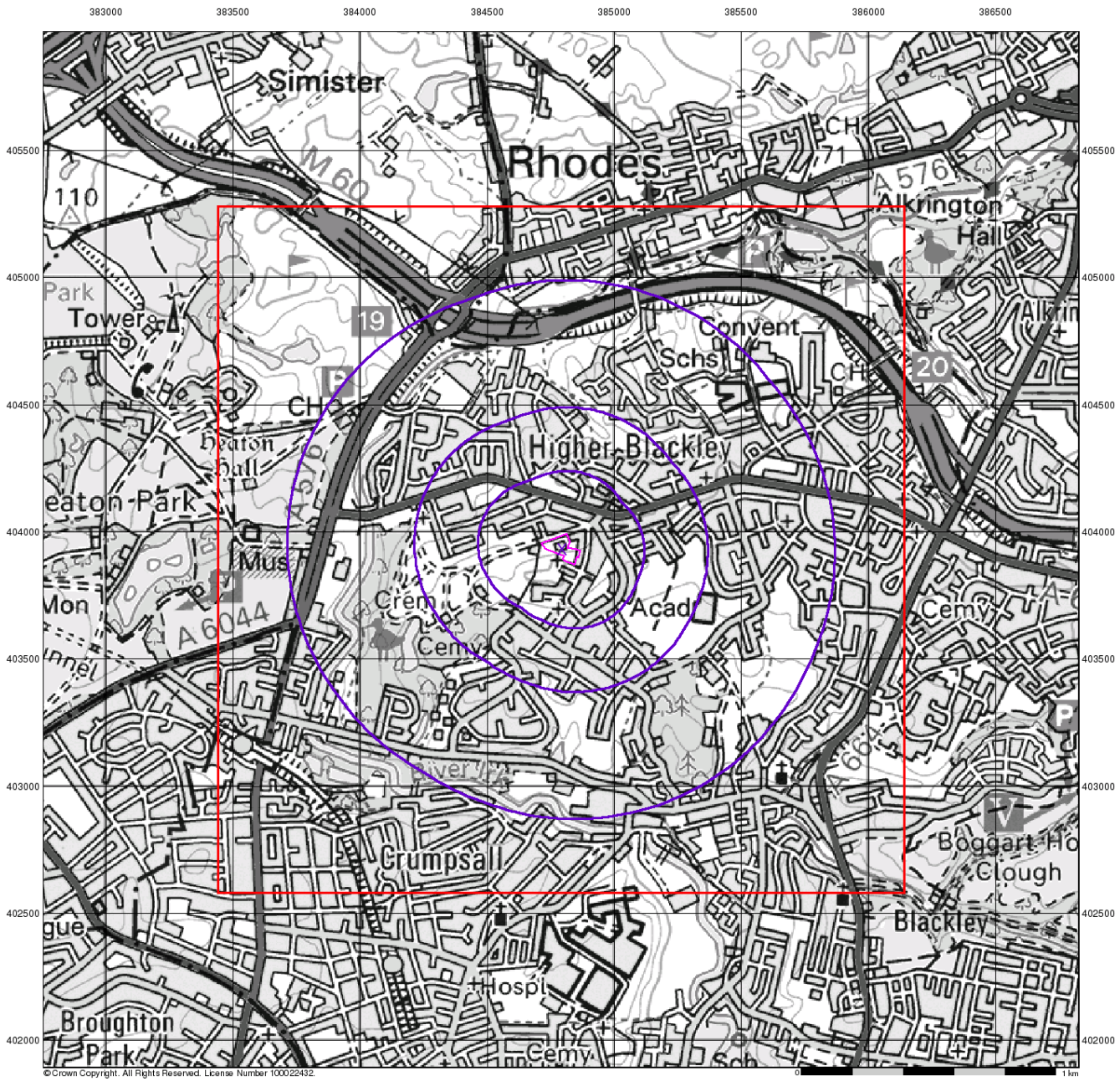


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Source Protection Zones

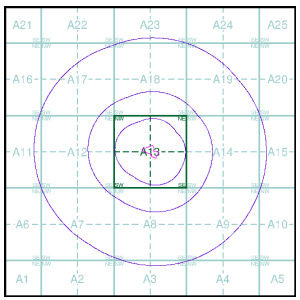
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



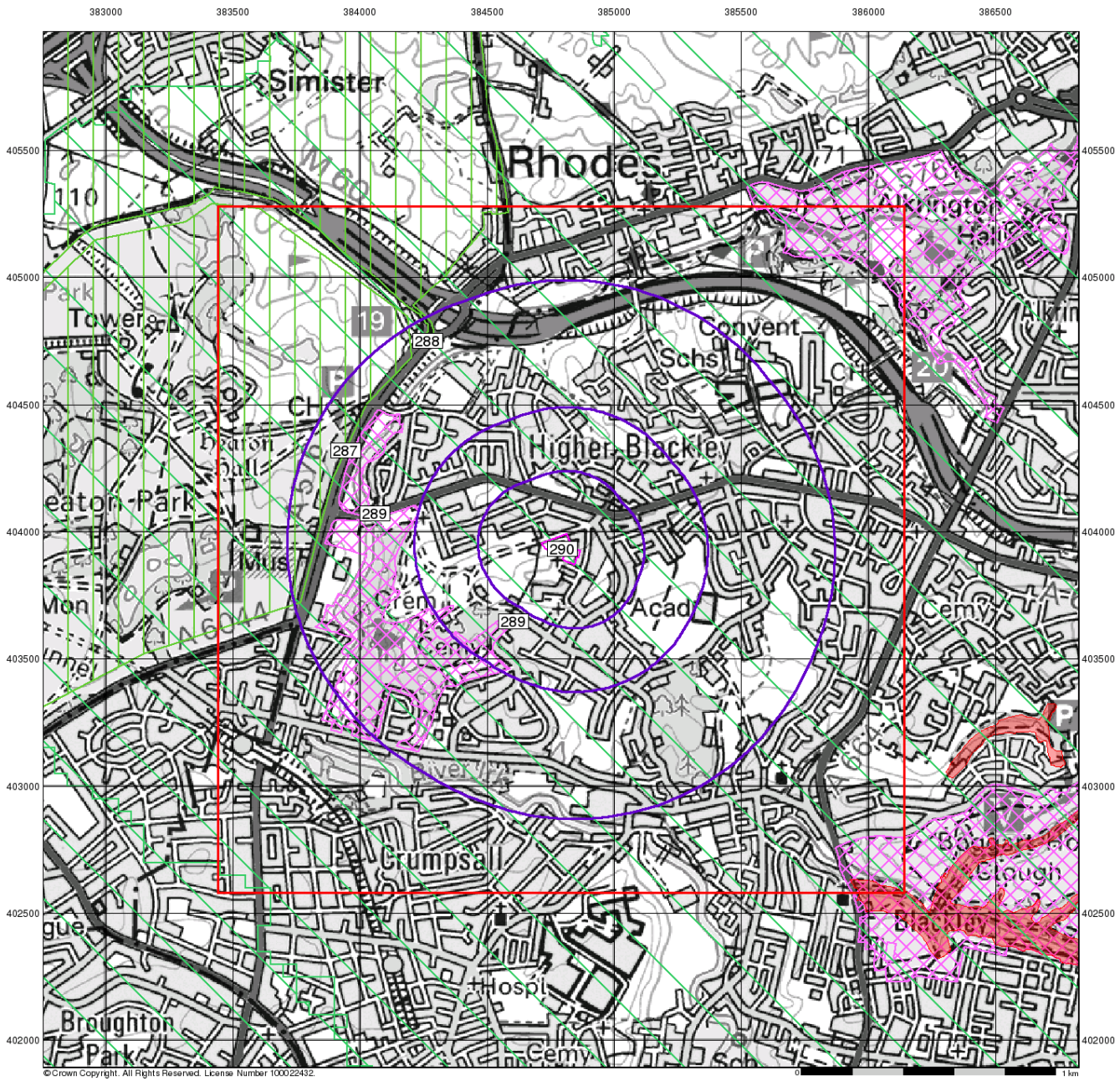
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Sensitive Land Uses

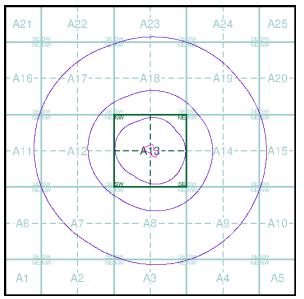
General

- 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

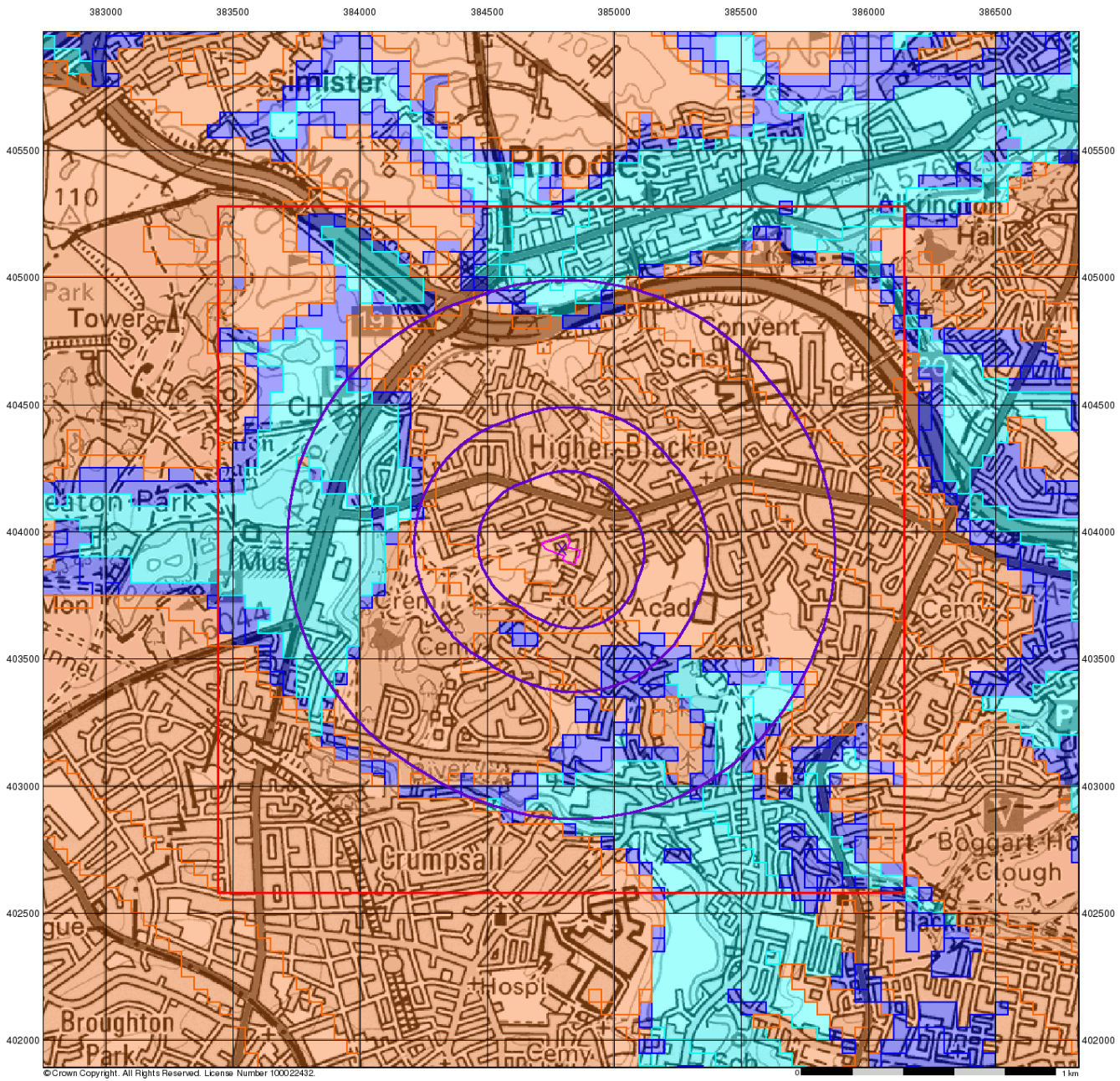
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BGS Flood GFS Data

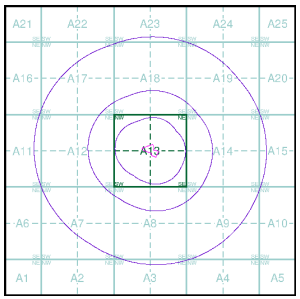
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

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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
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	HMGDD	Hummocky (Moundy) Glacial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFICD	Glaciofluvial Ice Contact Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	HEAD	Head	Clay, Silt, Sand and Gravel	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
	CS	Collyhurst Sandstone Formation	Sandstone	Not Supplied - Cisuralian
	PMCM	Pennine Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	HNC	Huncliffe Rock	Sandstone	Not Supplied - Westphalian
	BAR	Bardsley Rock	Sandstone	Not Supplied - Westphalian
	PLCM	Pennine Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	BLR	Blenfire Rock	Sandstone	Not Supplied - Westphalian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PLCM	Pennine Lower Coal Measures Formation	Sandstone	Not Supplied - Westphalian
		Faults		
		Rock Segments		

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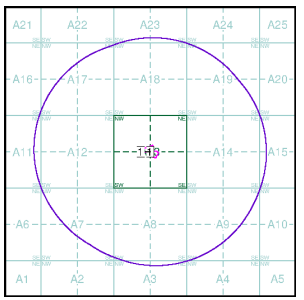
Geology 1:50,000 Maps

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



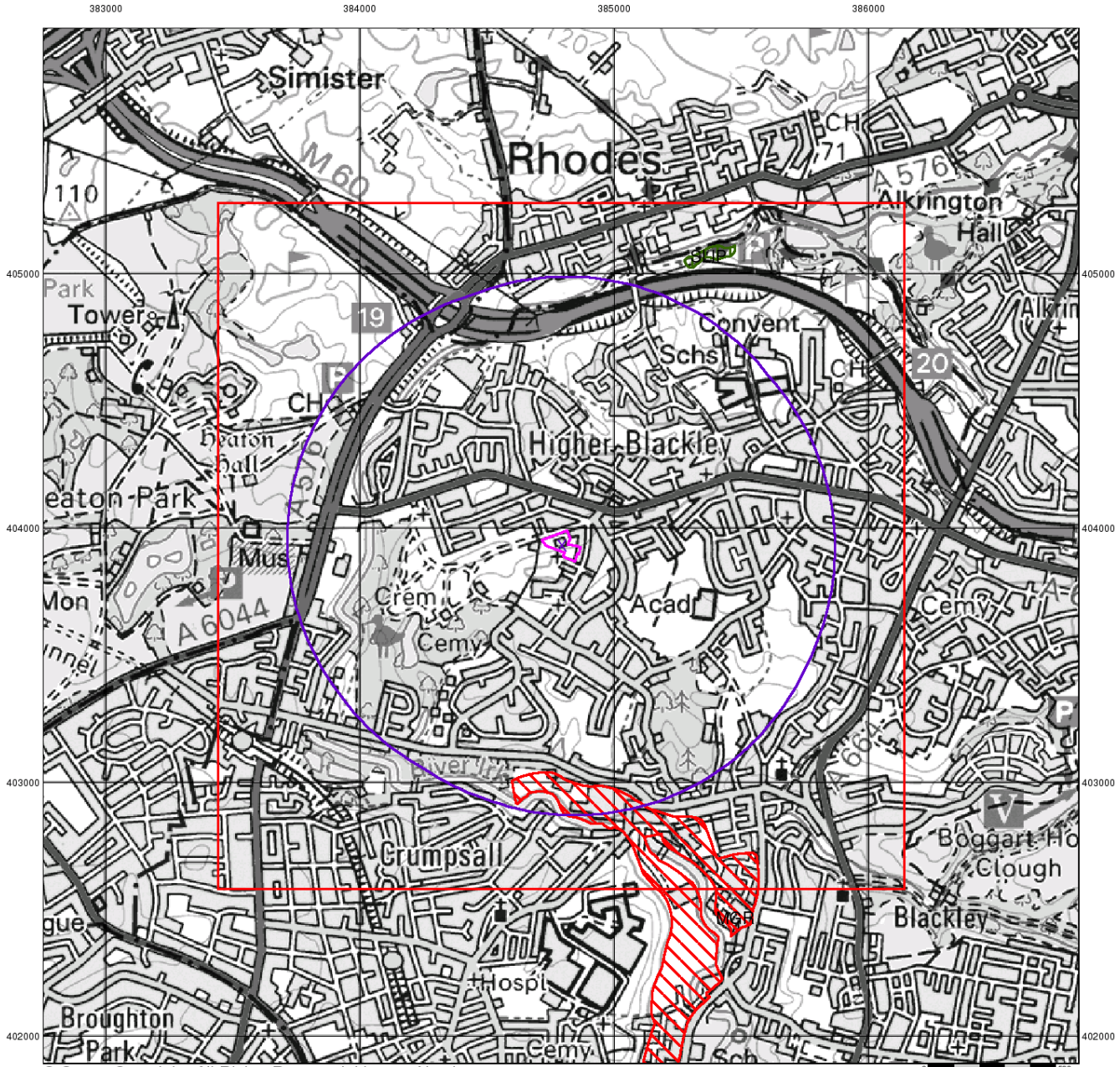
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Artificial Ground and Landslip

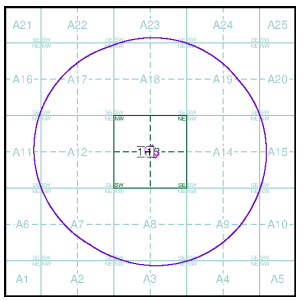
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



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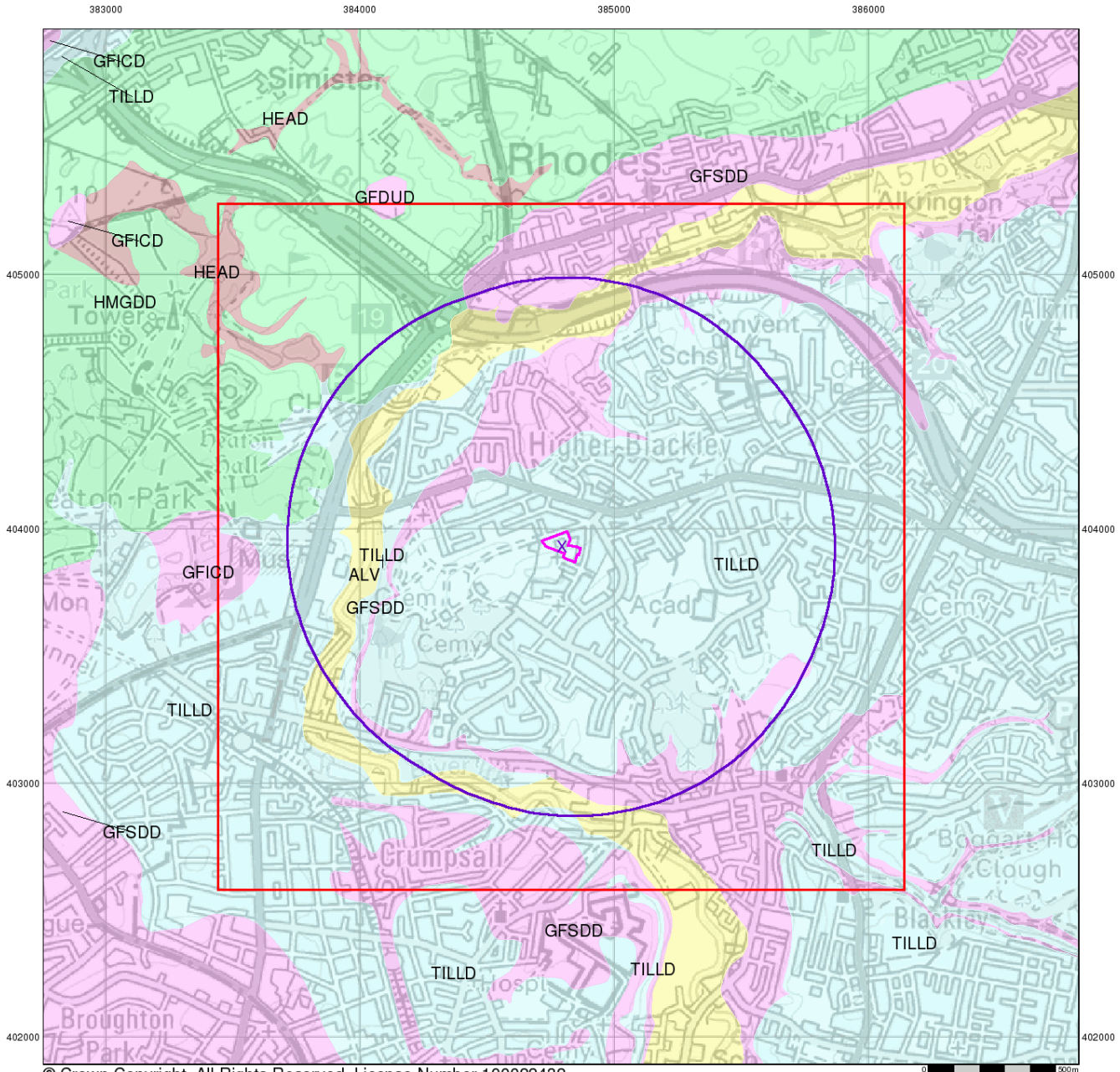
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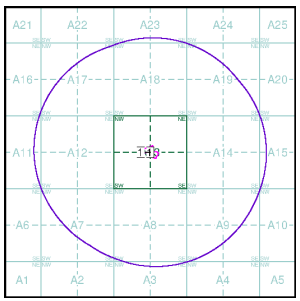
Superficial Geology

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



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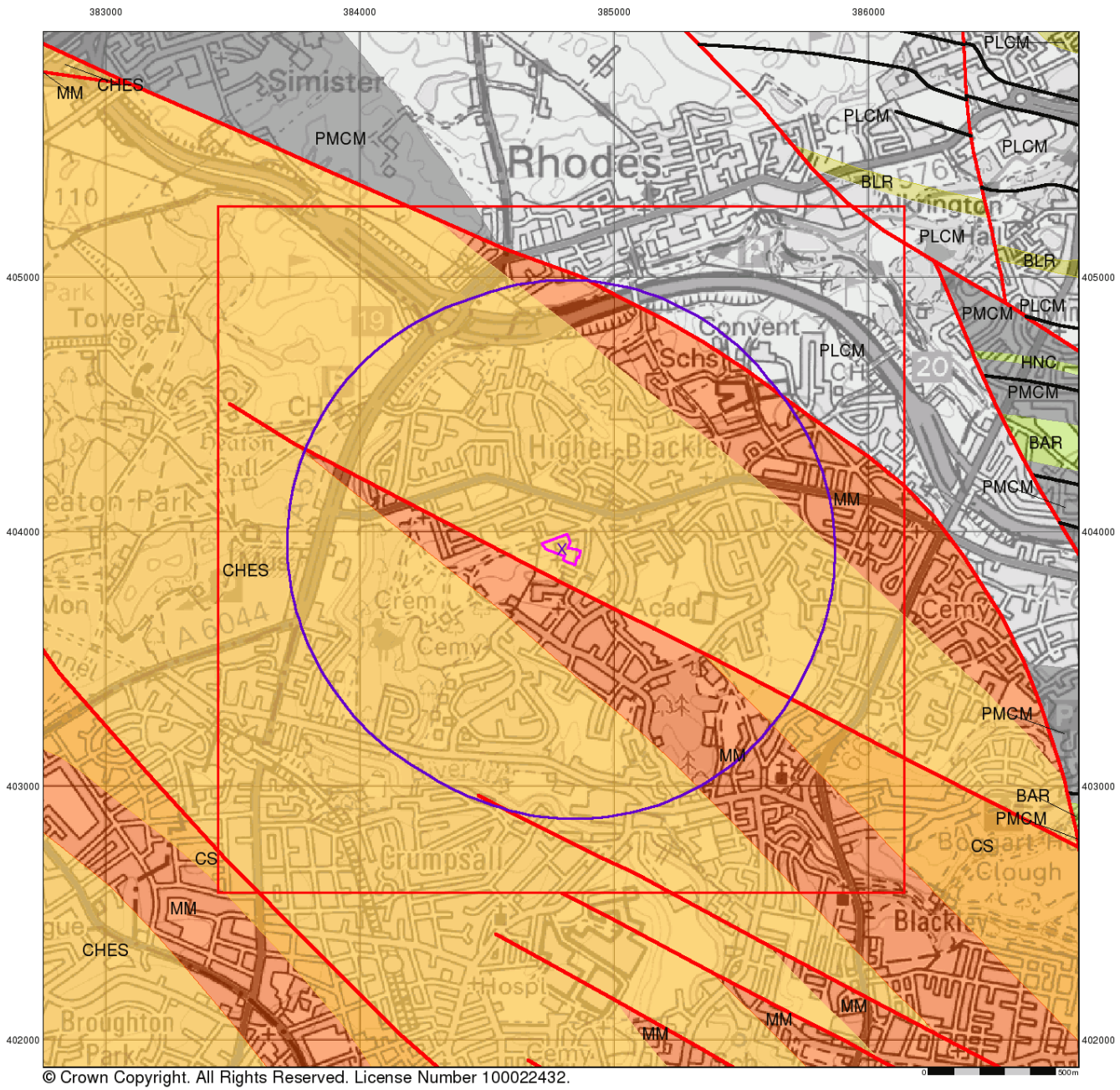
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Bedrock and Faults

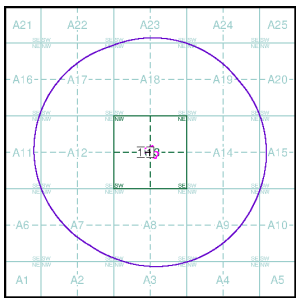
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



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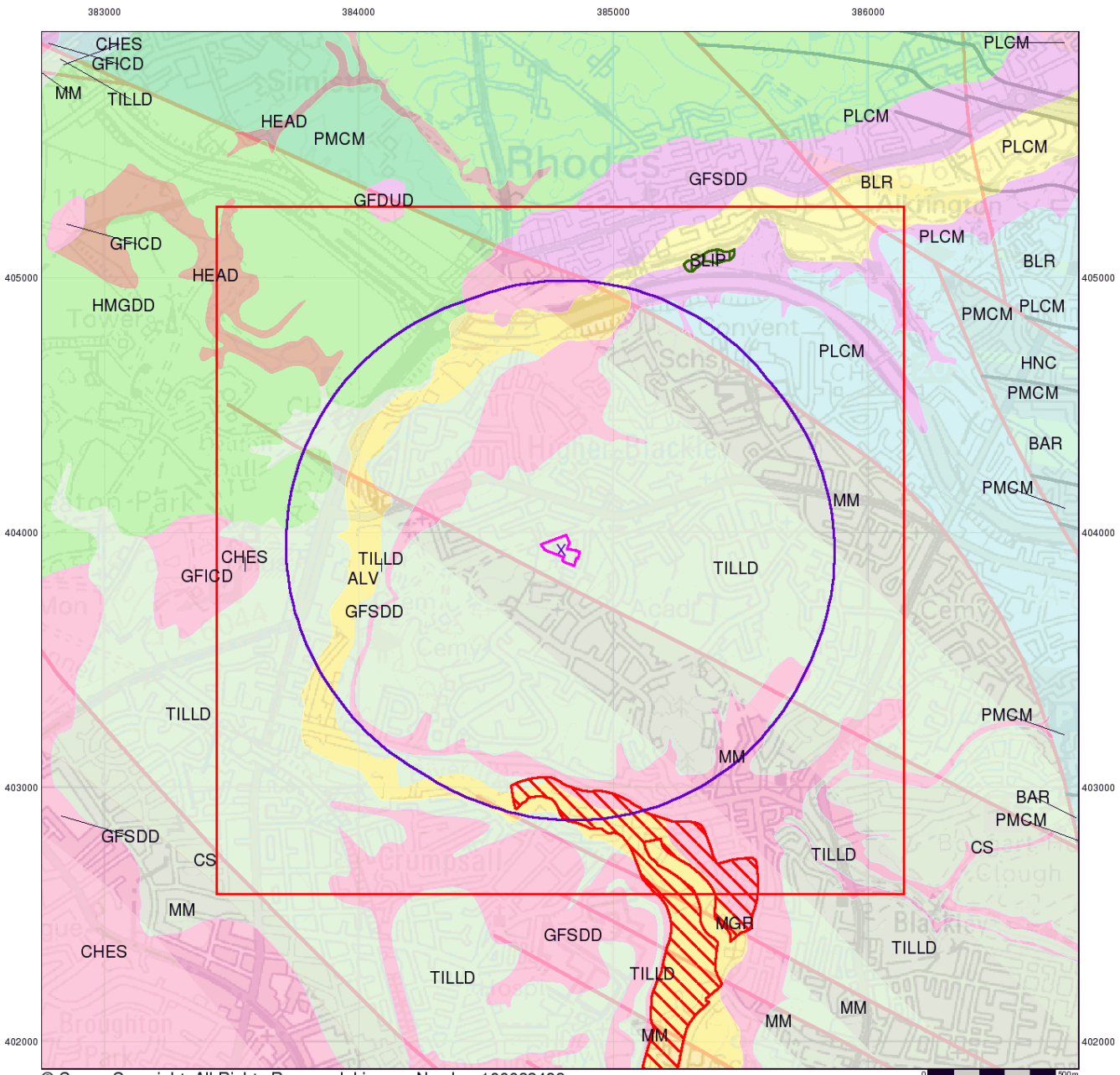
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Combined Surface Geology

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.

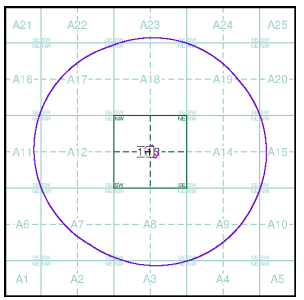
Additional Information

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

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Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A

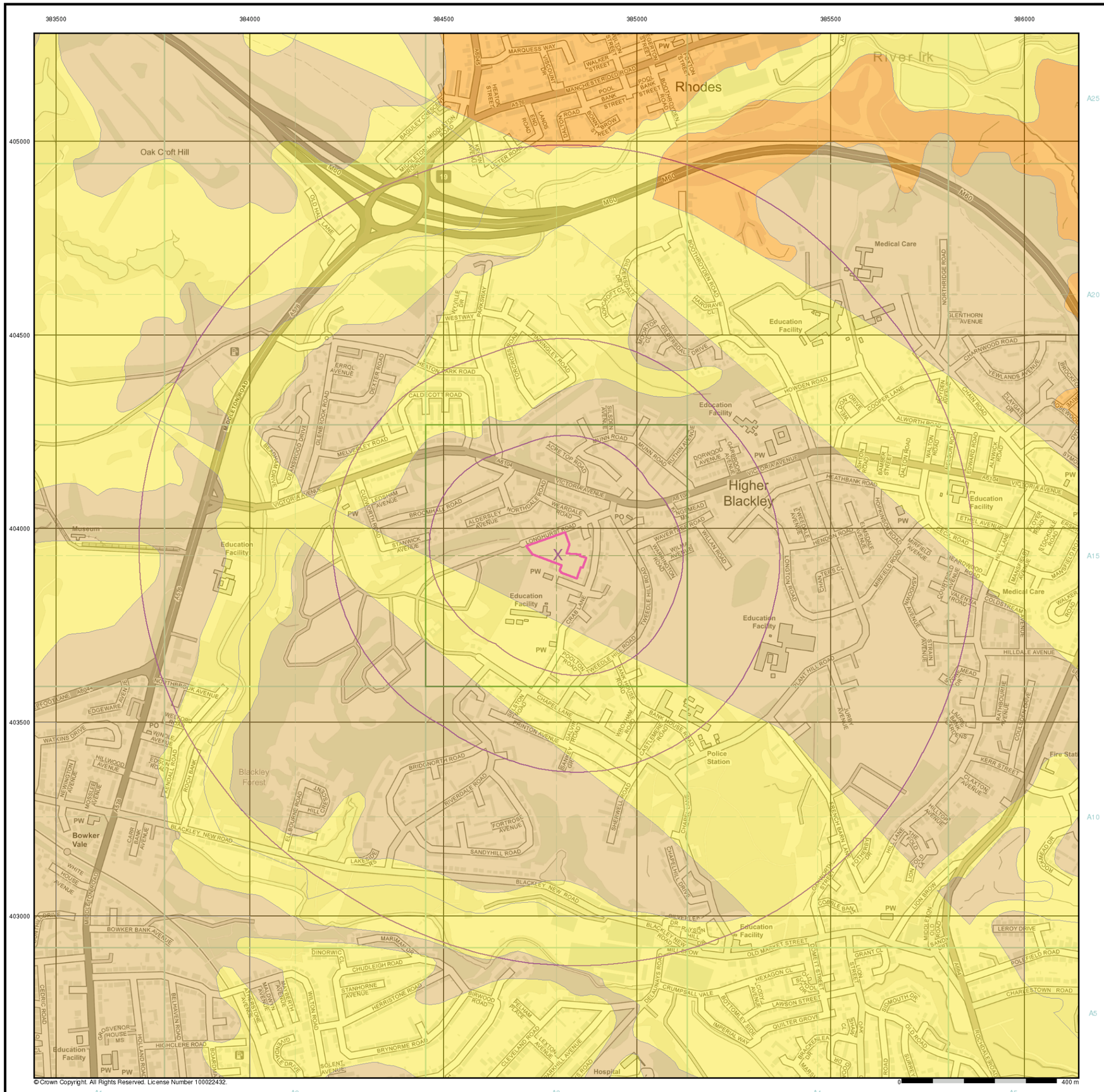


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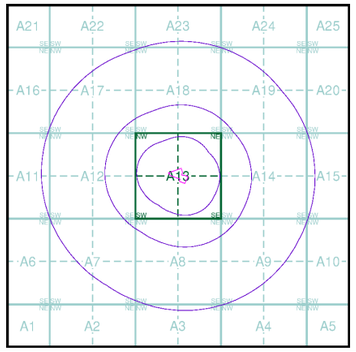
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

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

Estimated Soil Chemistry Arsenic - Slice A



Order Details

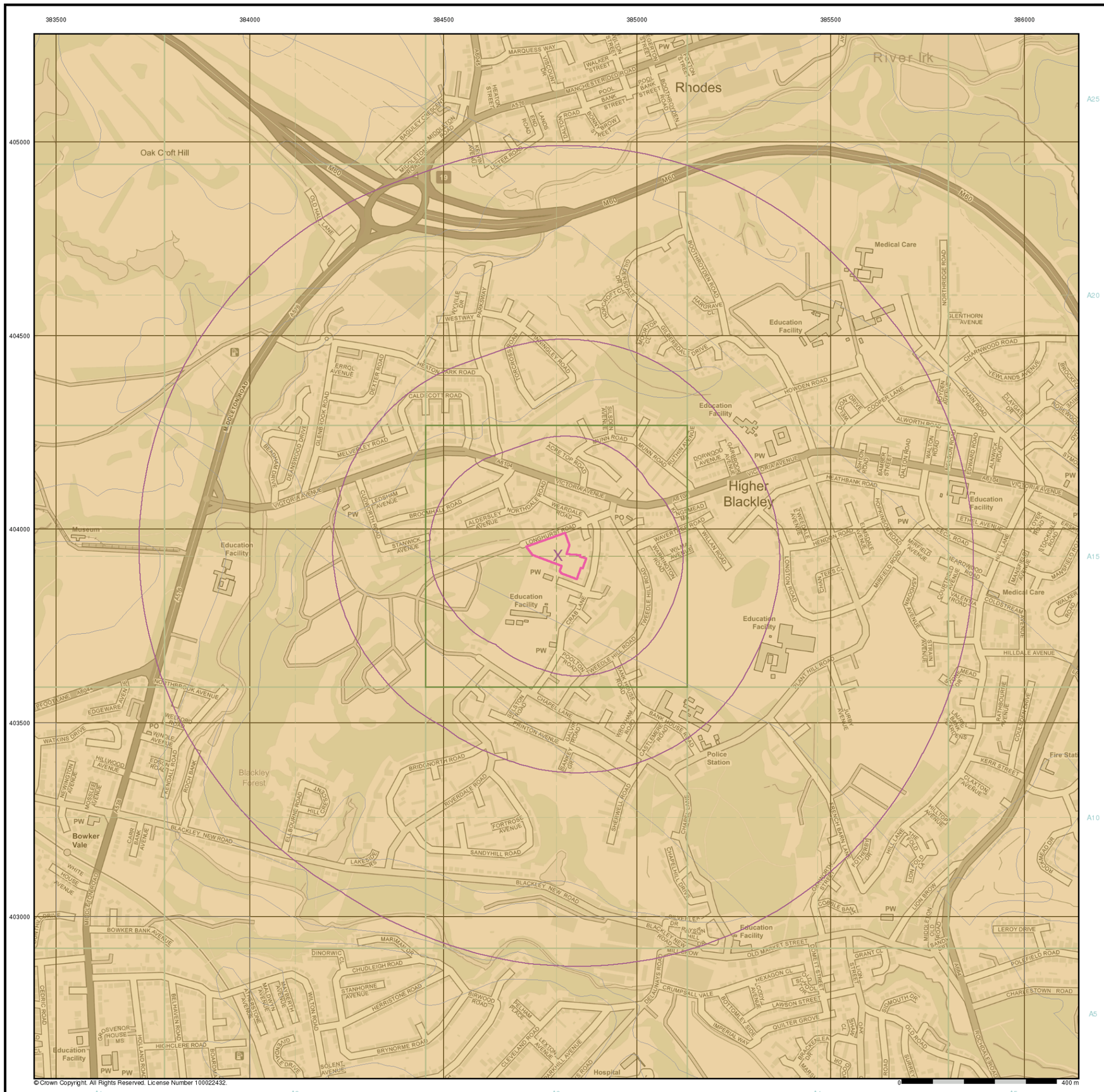
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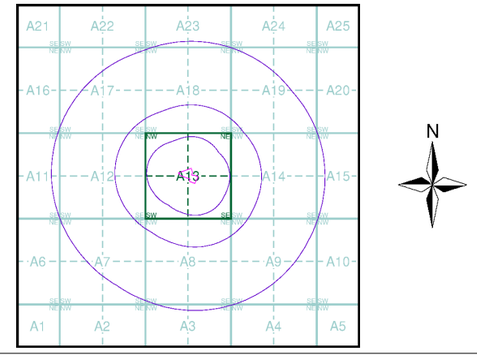
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

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

Estimated Soil Chemistry Cadmium - Slice A



Order Details

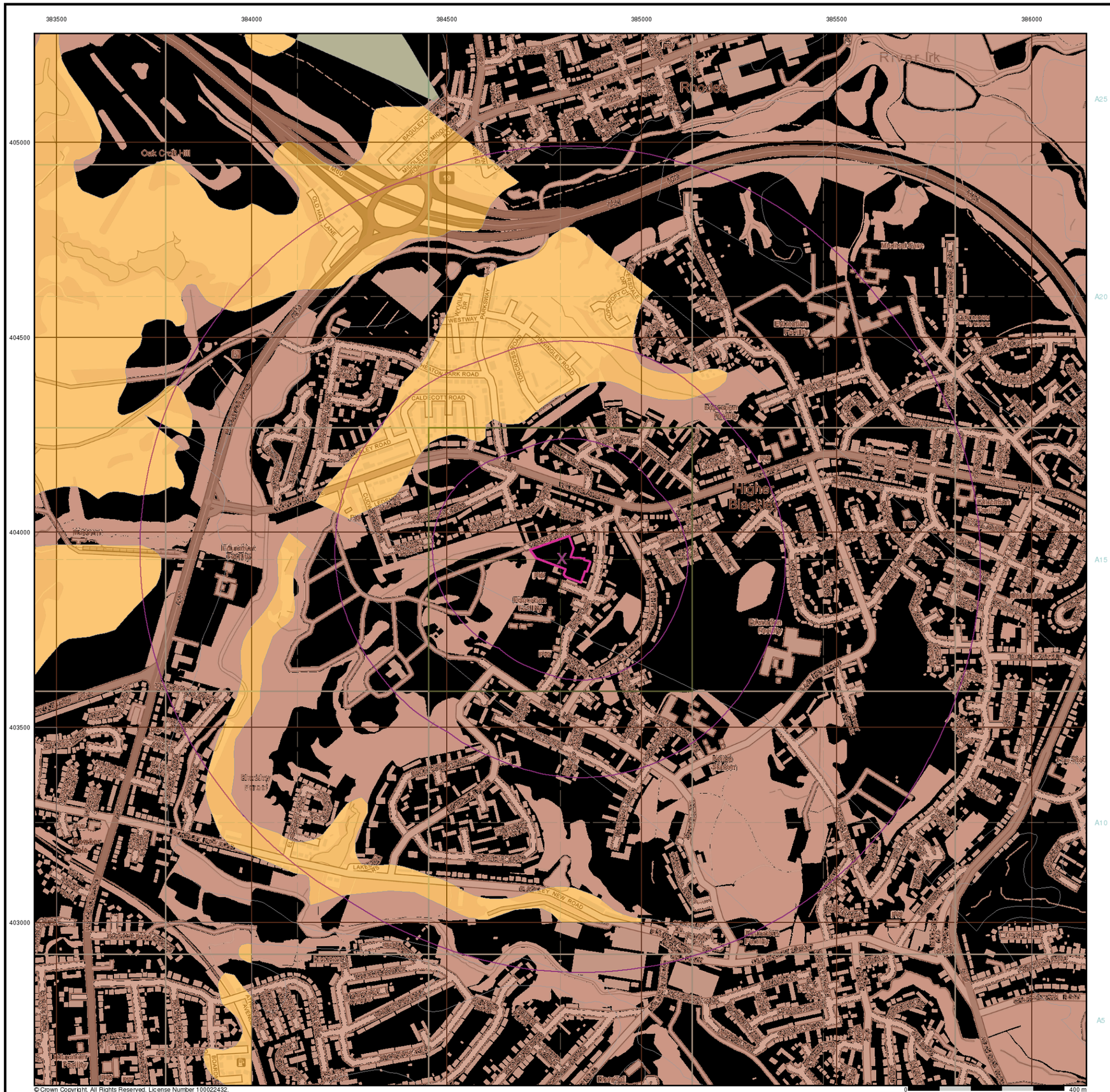
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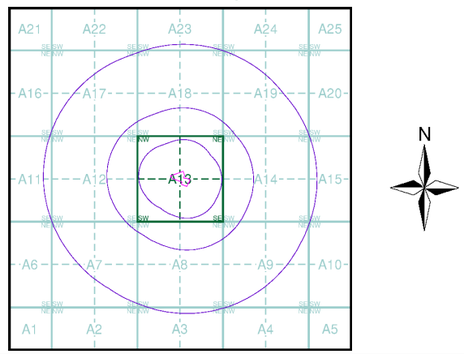
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

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

Estimated Soil Chemistry Chromium - Slice A



Order Details

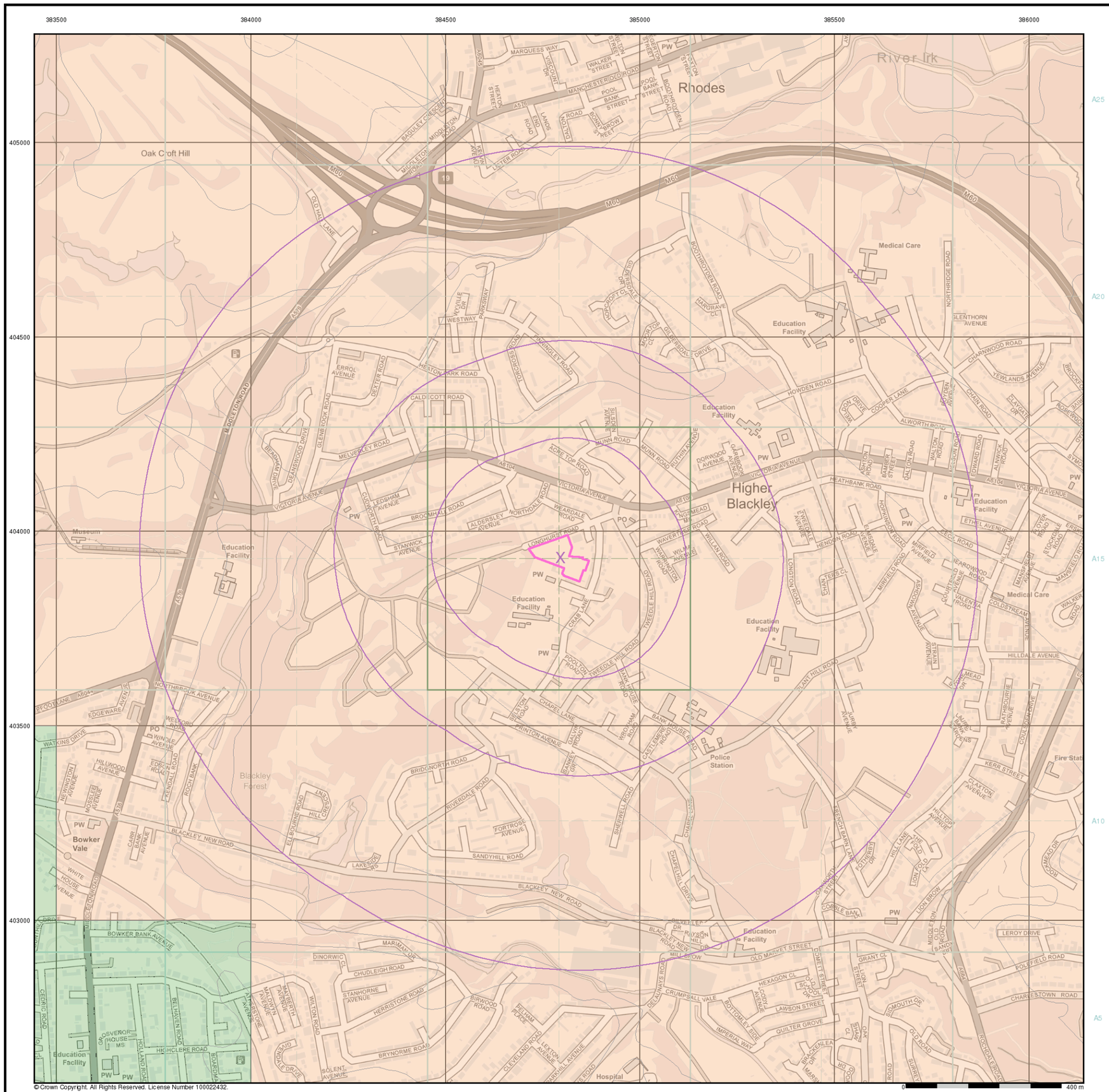
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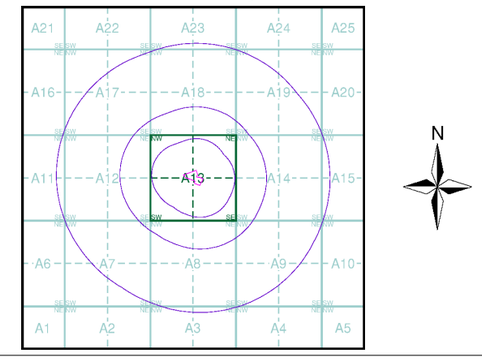
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

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

Estimated Soil Chemistry Lead - Slice A



Order Details

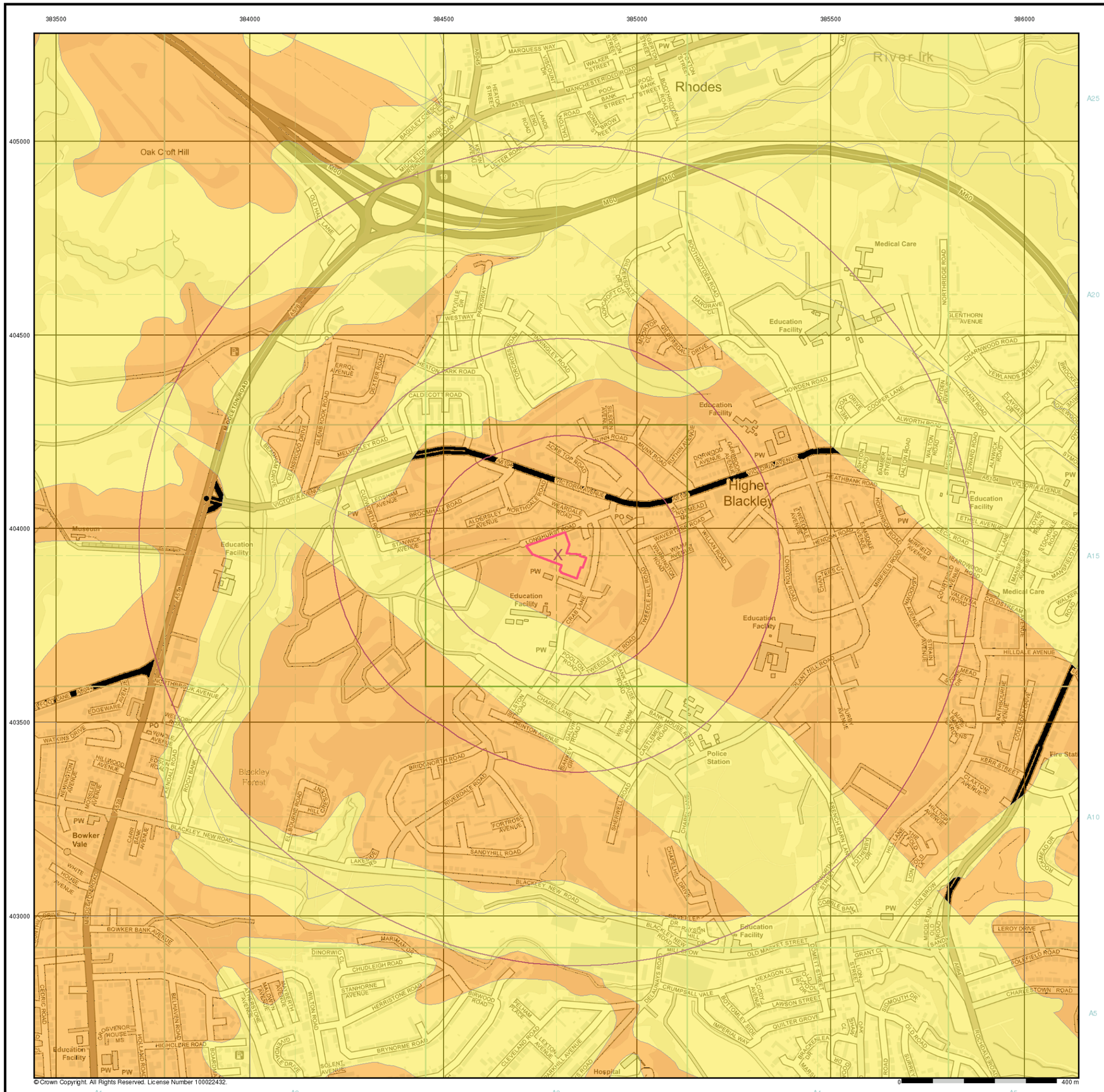
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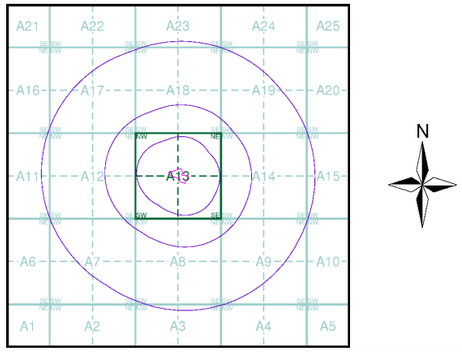
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

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

Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details:	273937983_1_1
Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

Day Nursery, Longhurst Road, Manchester, M9 8NS

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



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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
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

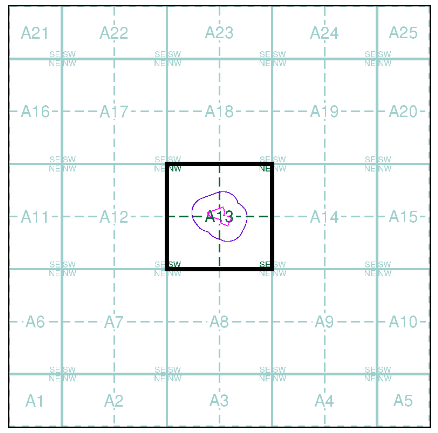
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Segment A13



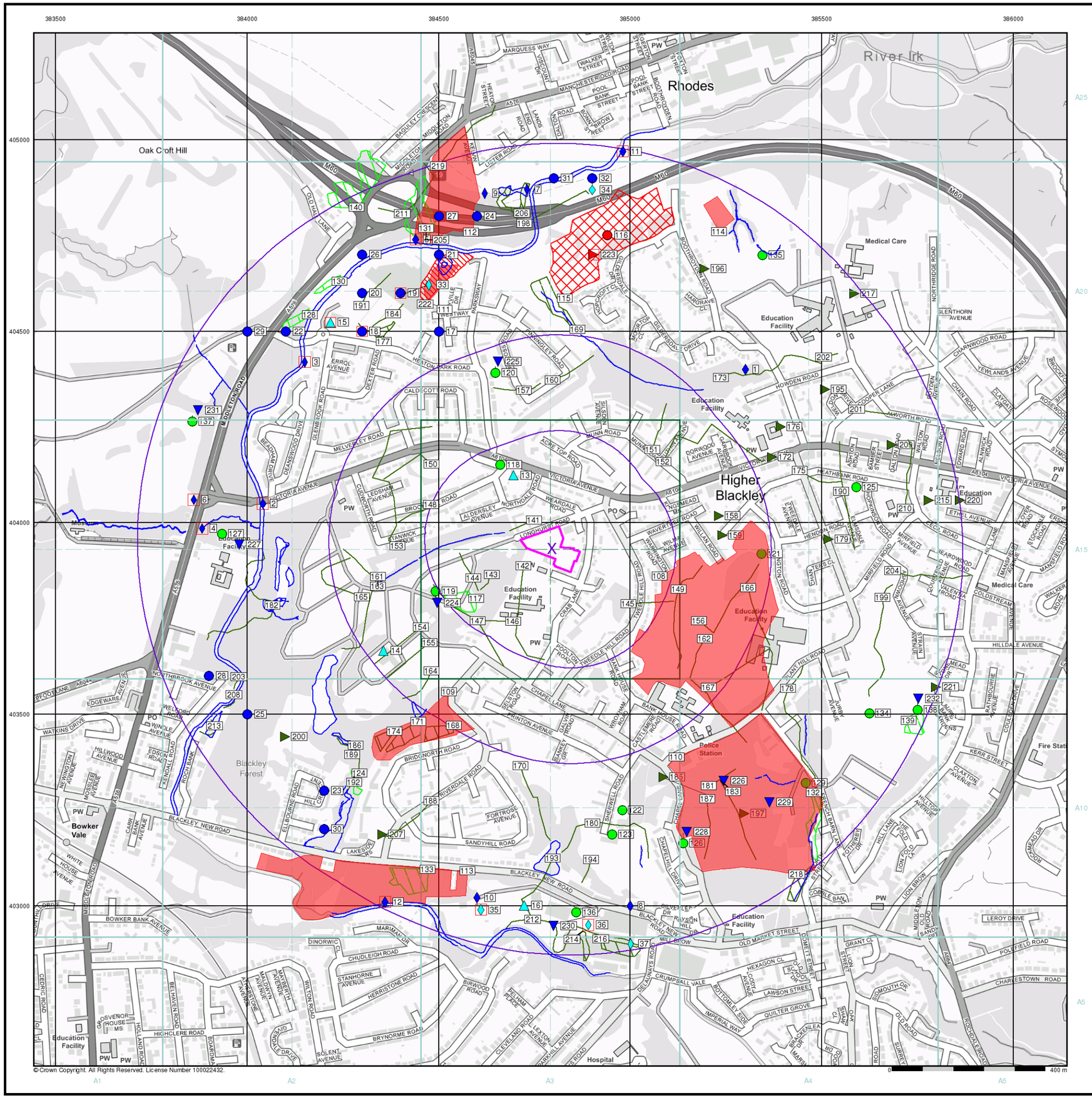
Order Details

Order Number: 273937983_1_1
Customer Ref: EBMA2711
National Grid Reference: 384800, 403930
Slice: A
Site Area (Ha): 0.82
Plot Buffer (m): 100

Site Details

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General

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

Several of Type at Location

Agency and Hydrological

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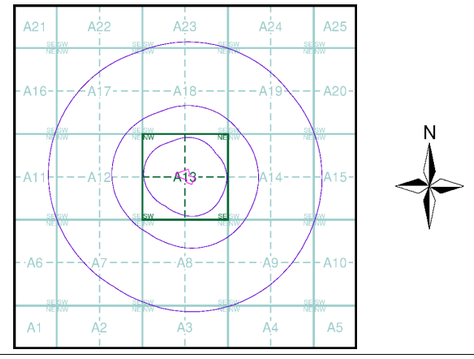
Geological

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- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A



Order Details

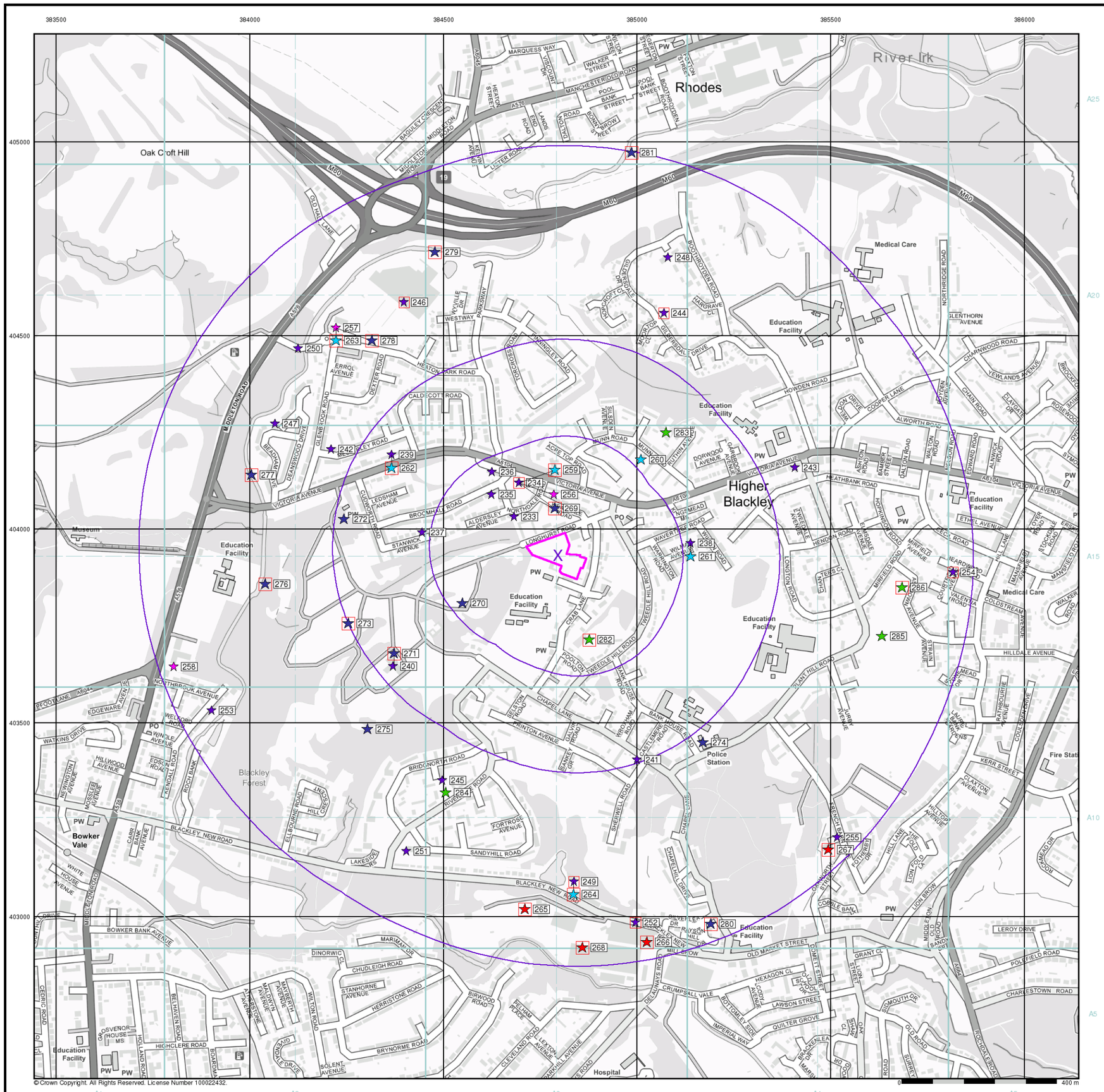
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Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

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A1 A2 A3 A4 A5

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Industrial Land Use Map

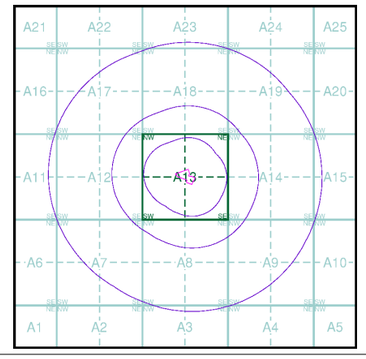
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



Order Details

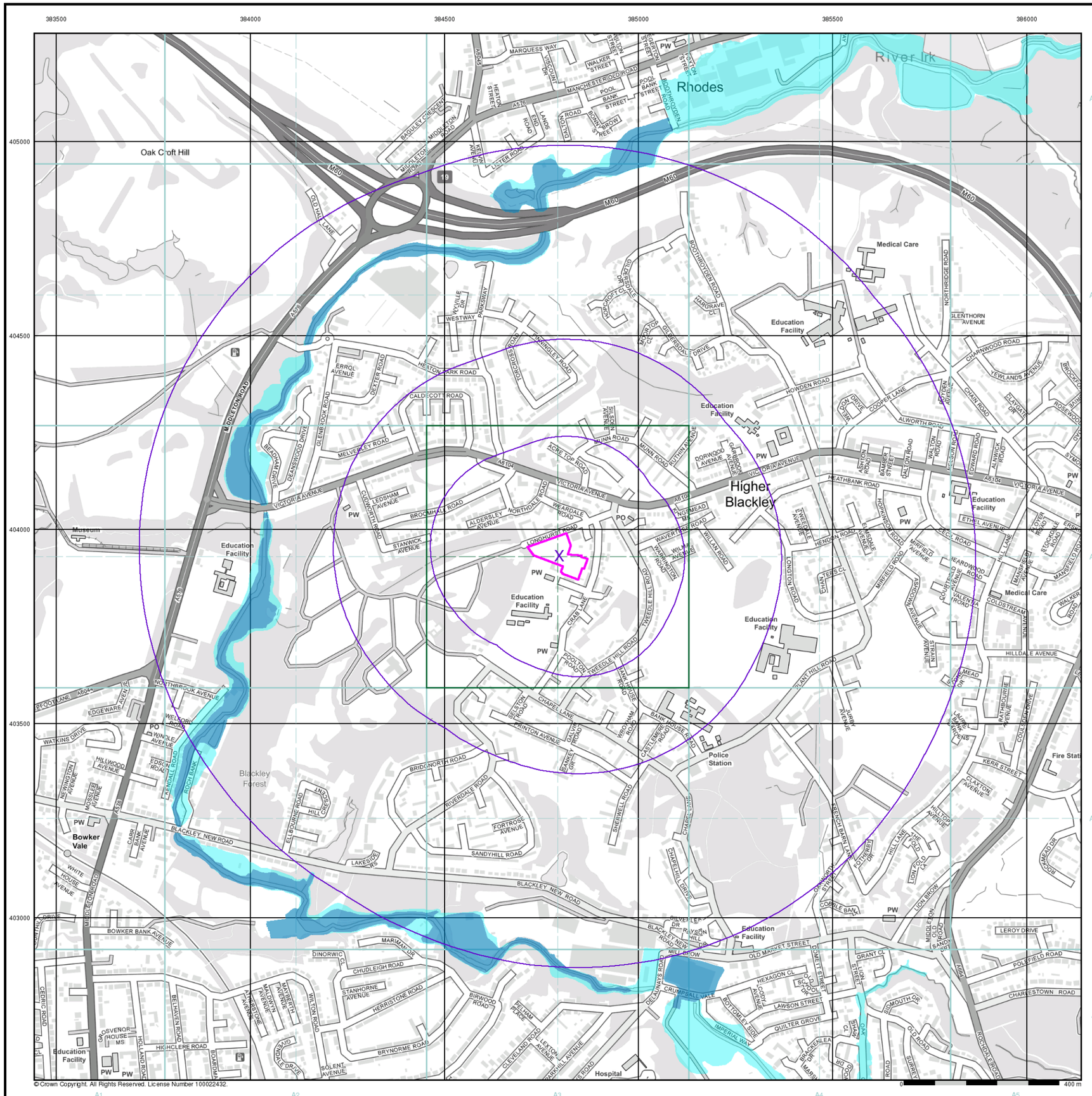
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Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
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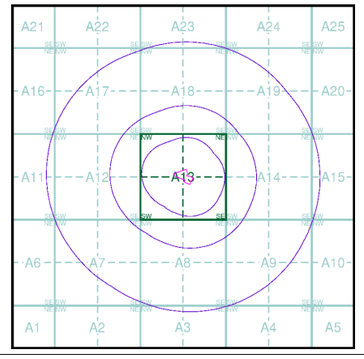
General

- Specified Site
- Specified Buffer(s)
- X 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

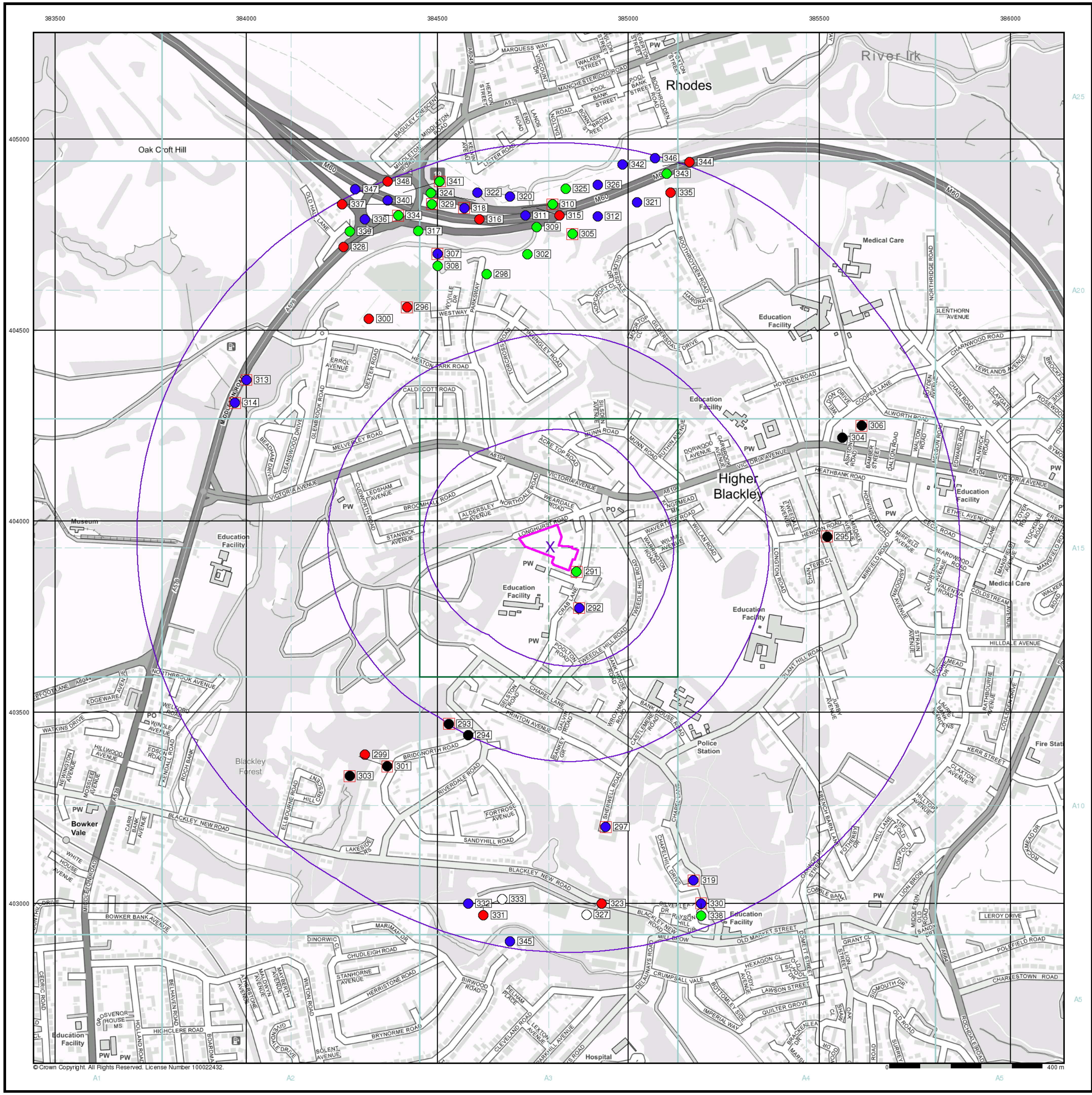
Order Number:	273937983_1_1
Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

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General

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

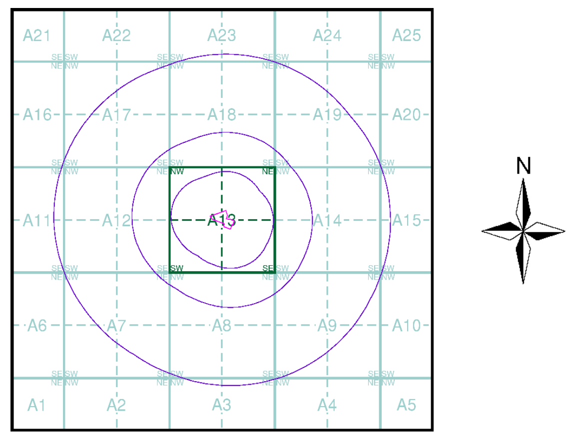
Agency and Hydrological (Boreholes)

- 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

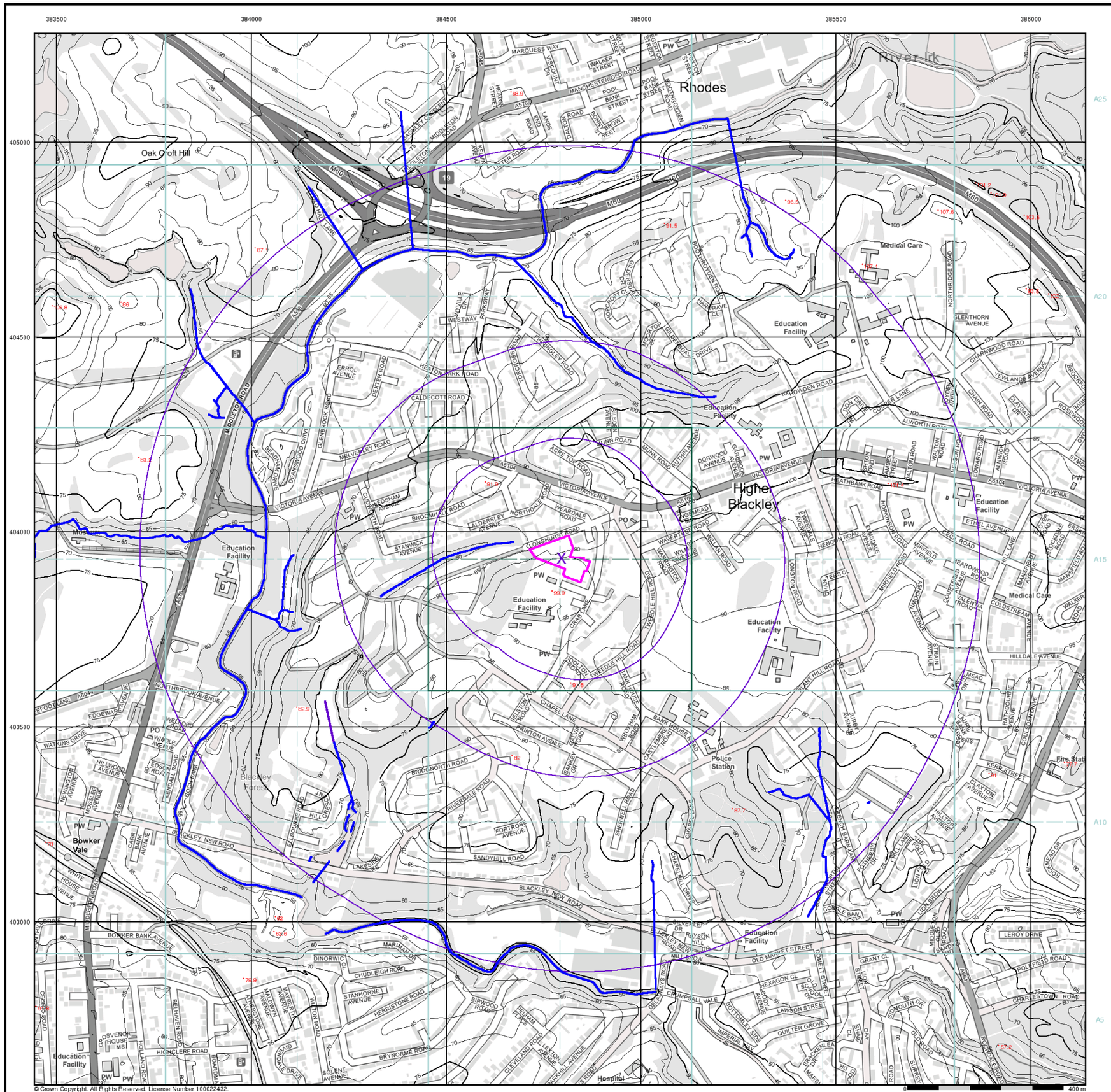
Order Number: 273937983_1_1
Customer Ref: EBMA2711
National Grid Reference: 384800, 403930
Slice: A
Site Area (Ha): 0.82
Search Buffer (m): 1000

Site Details

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General

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

OS Water Network Data

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

Contours (height in meters)

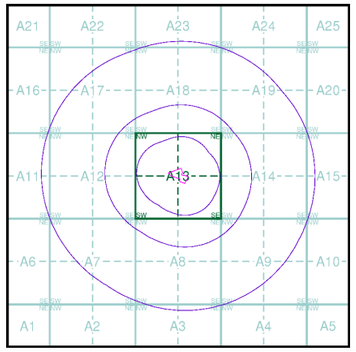
Standard Contour 105 100 95

Master Contour

Spot Height 167.3

- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

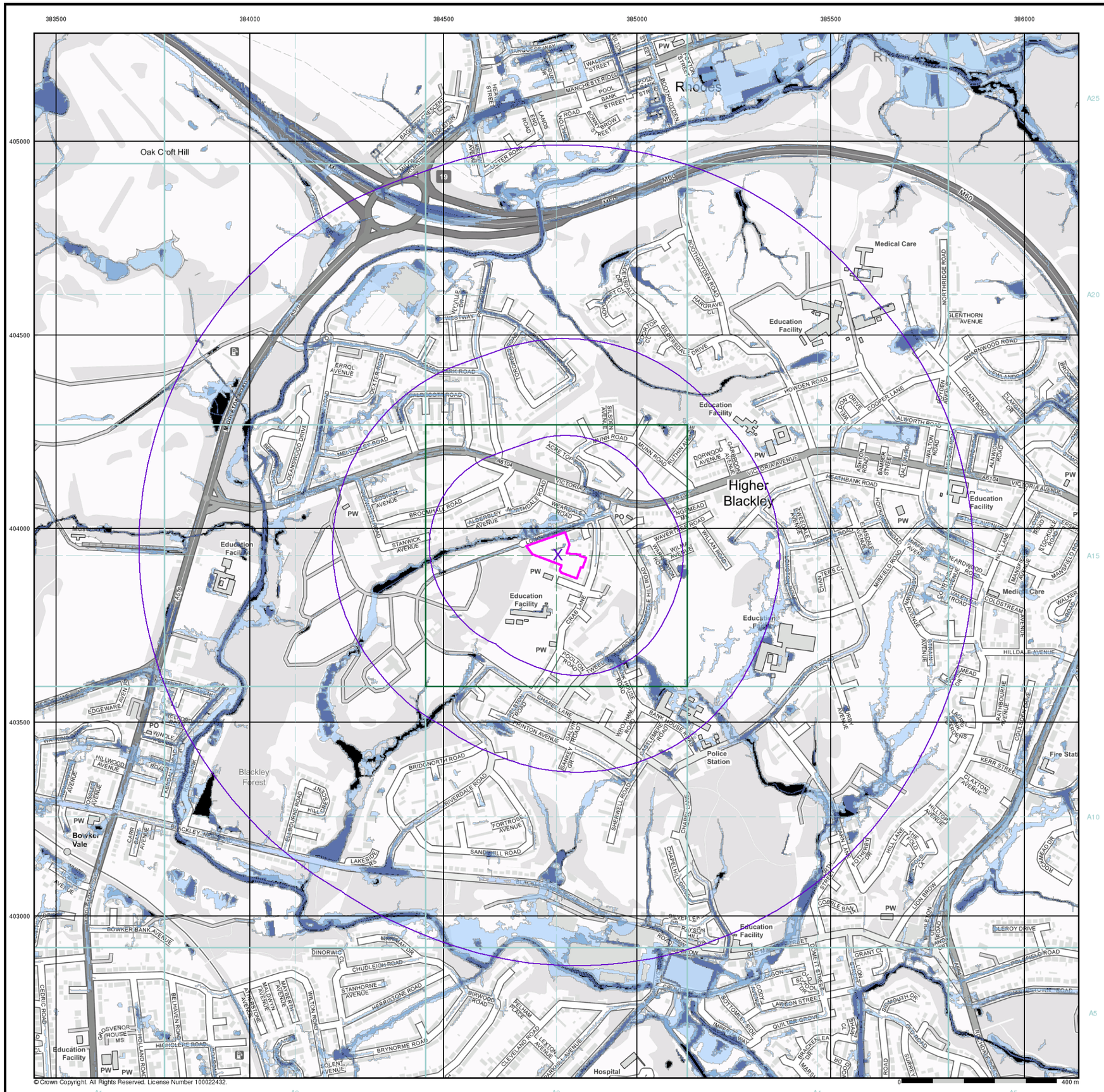
Order Number:	273937983_1_1
Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

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

Risk of Flooding from Surface Water

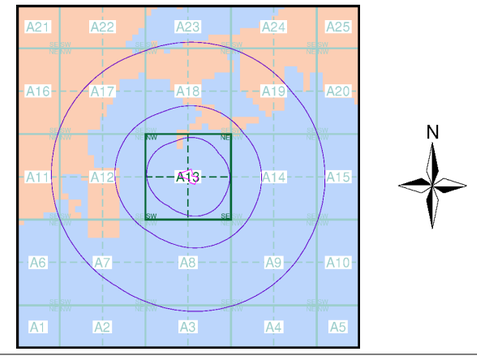
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A



Order Details

Order Number:	273937983_1_1
Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

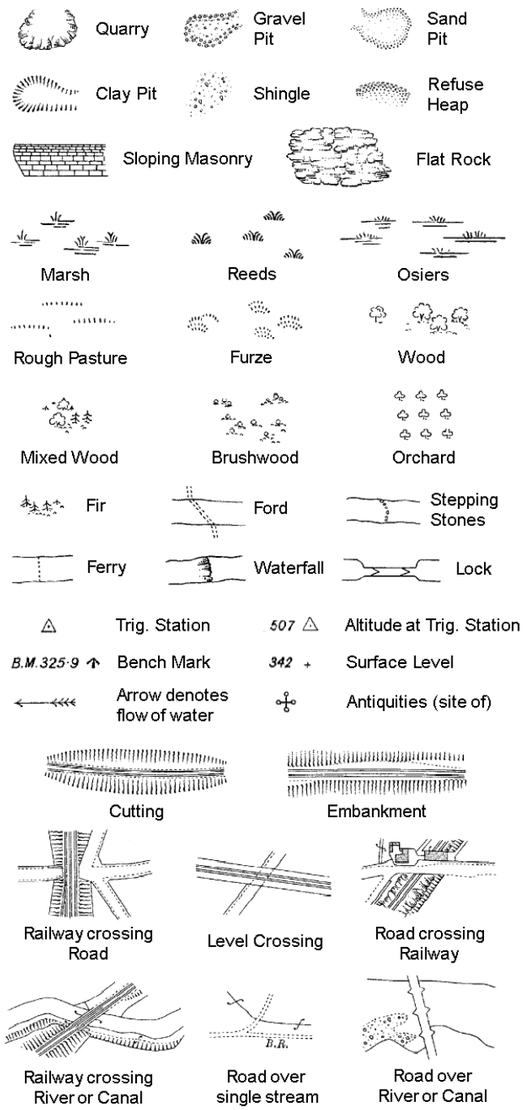
Day Nursery, Longhurst Road, Manchester, M9 8NS

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Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

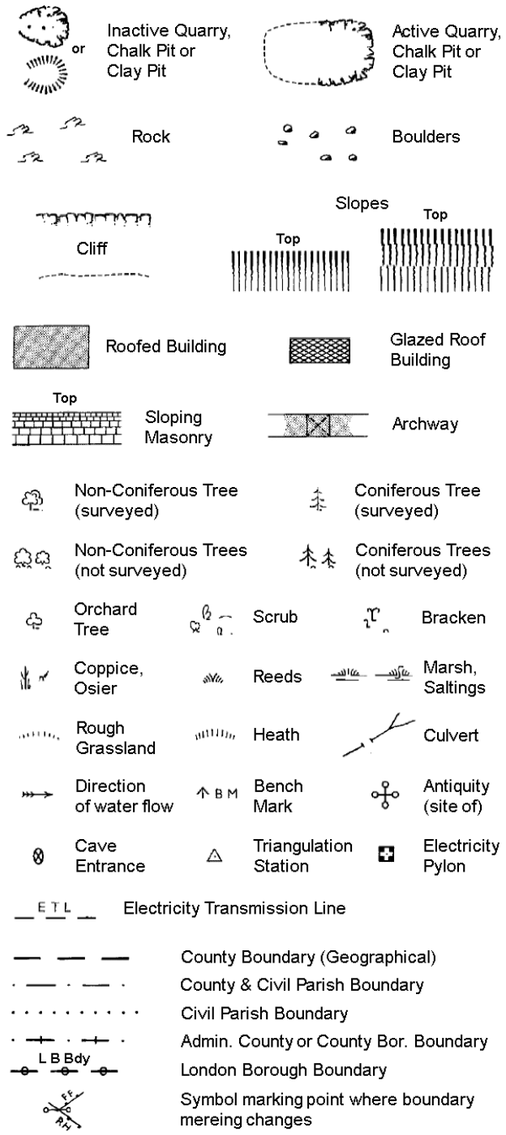
Administrative County & Civil Parish Boundary

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

Co. Burgh Bdy. County Burgh Boundary (Scotland)

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

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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

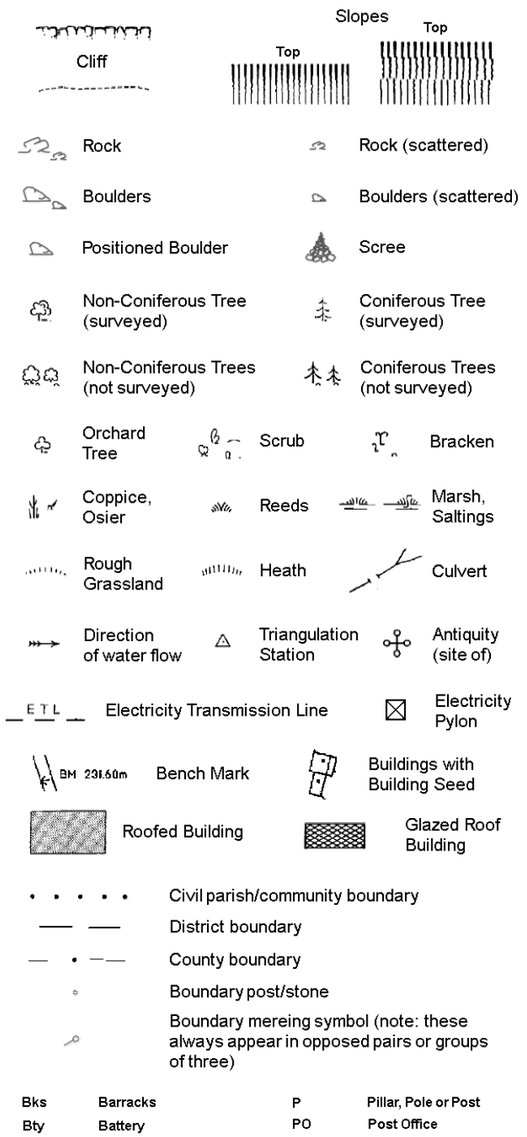
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

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

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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

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

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

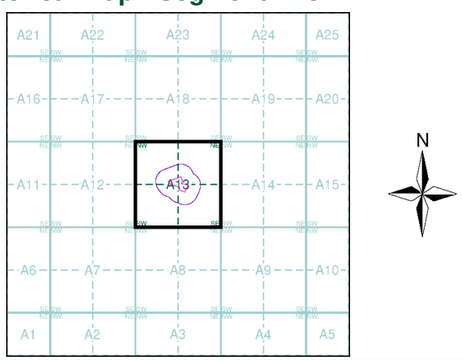
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1909	3
Lancashire And Furness	1:2,500	1932	4
Ordnance Survey Plan	1:1,250	1951 - 1952	5
Ordnance Survey Plan	1:2,500	1952	6
Additional SIMs	1:1,250	1952 - 1989	7
Ordnance Survey Plan	1:1,250	1955 - 1987	8
Ordnance Survey Plan	1:2,500	1956 - 1967	9
Ordnance Survey Plan	1:1,250	1963 - 1982	10
Ordnance Survey Plan	1:2,500	1967	11
Supply of Unpublished Survey Information	1:1,250	1975 - 1976	12
Supply of Unpublished Survey Information	1:1,250	1977	13
Additional SIMs	1:1,250	1980 - 1989	14
Large-Scale National Grid Data	1:1,250	1992	15
Large-Scale National Grid Data	1:1,250	1994	16
Large-Scale National Grid Data	1:1,250	1996	17
Historical Aerial Photography	1:2,500	2000	18

Historical Map - Segment A13



Order Details

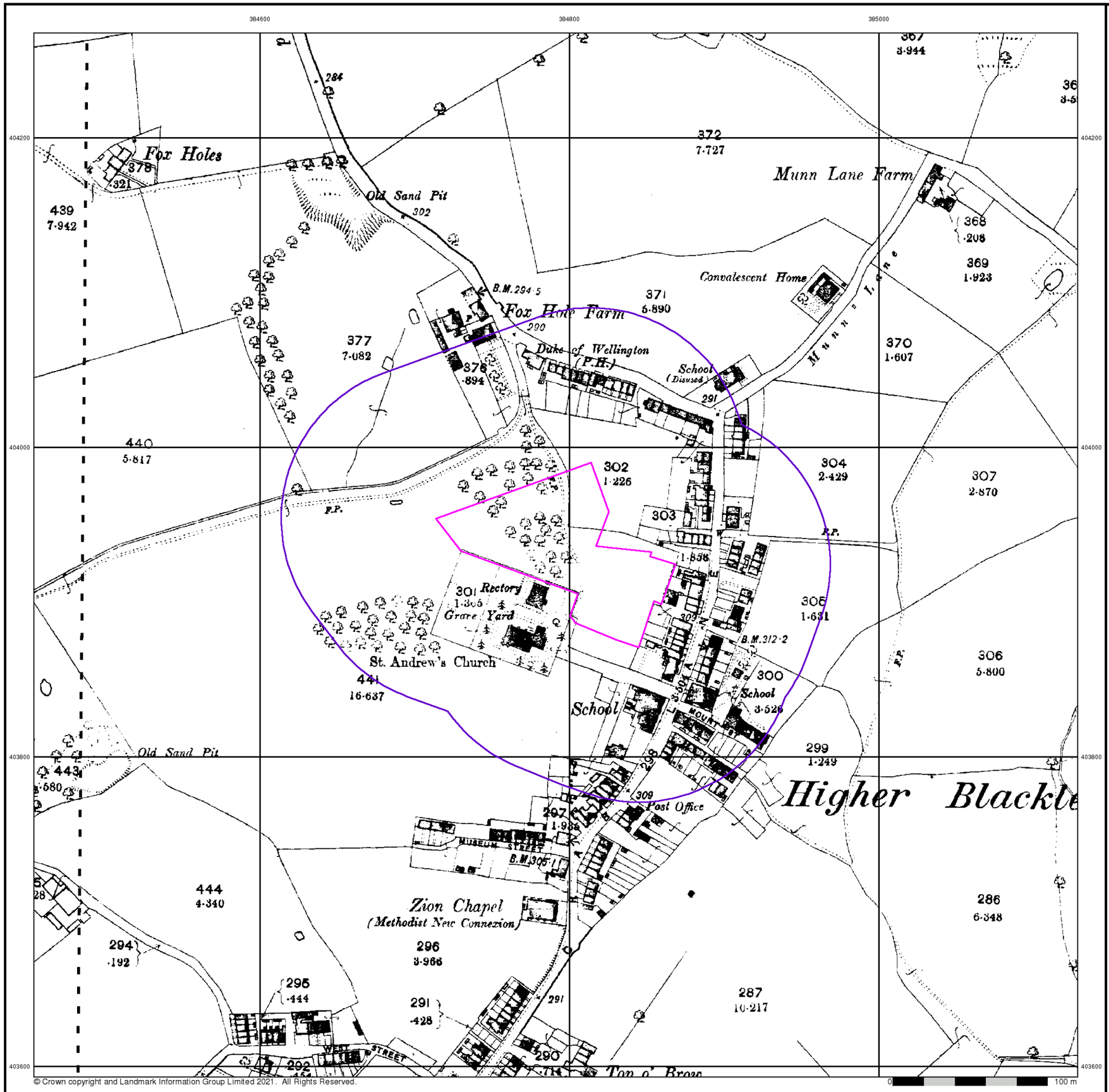
Order Number:	273937983_1_1
Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	100

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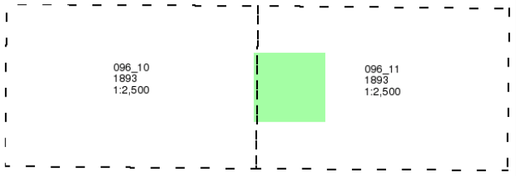
Lancashire And Furness

Published 1893

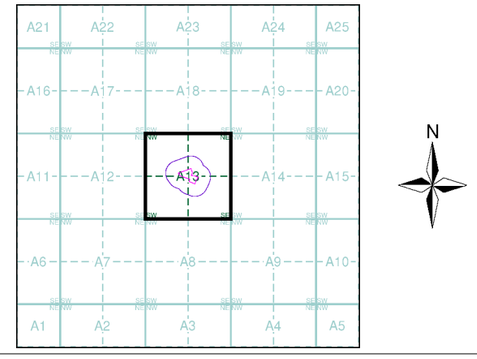
Source map scale - 1:2,500

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 A13



Order Details

Order Number:	273937983_1_1
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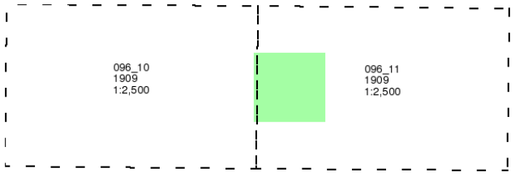
Lancashire And Furness

Published 1909

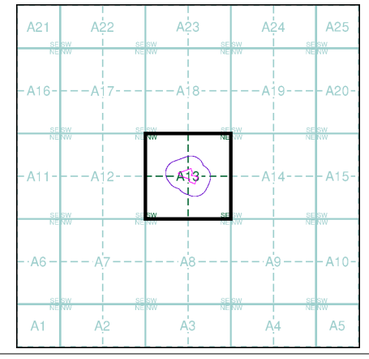
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Historical Map - Segment A13



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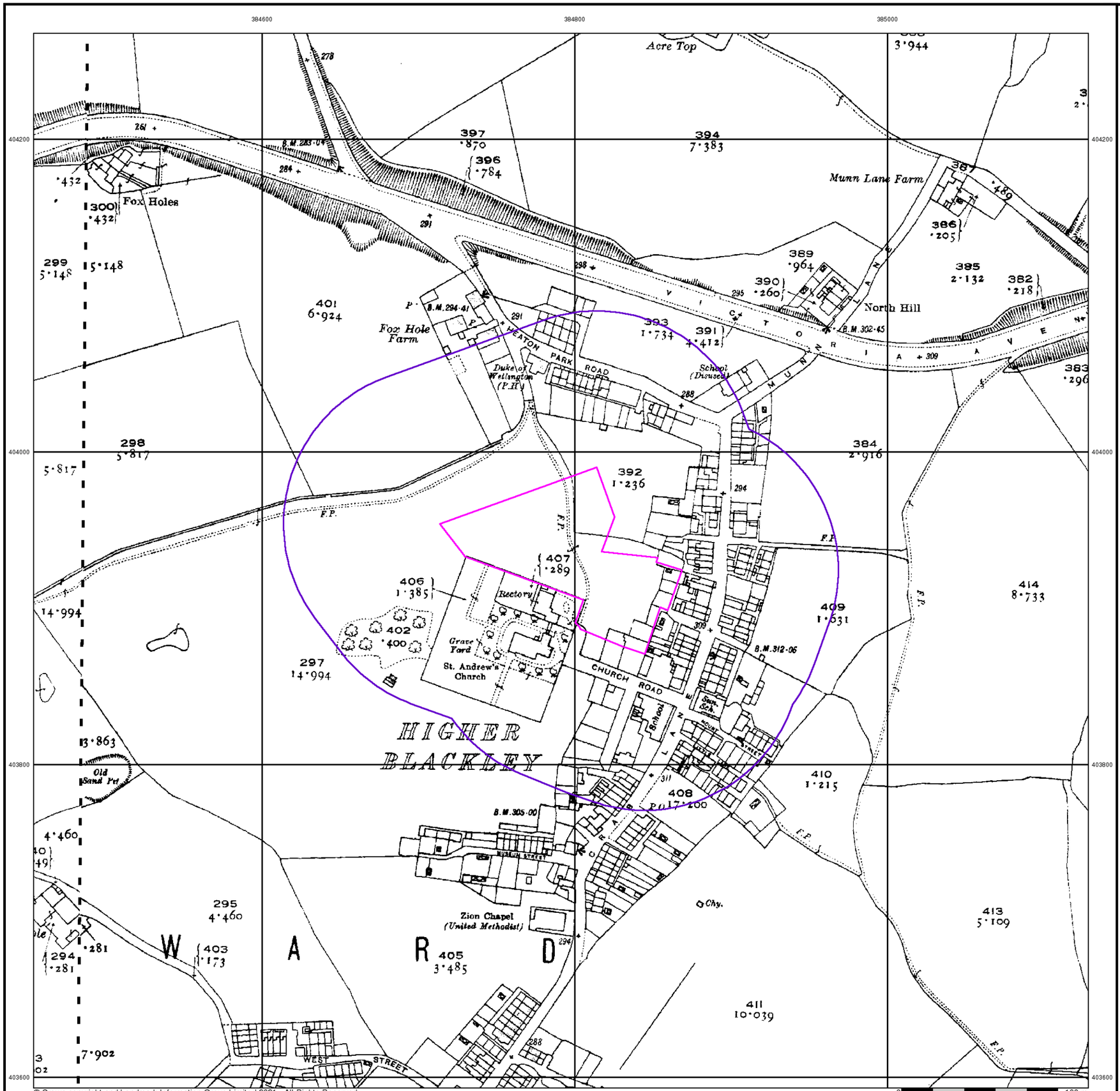
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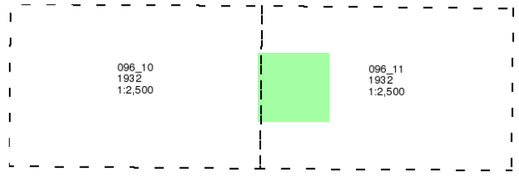
Lancashire And Furness

Published 1932

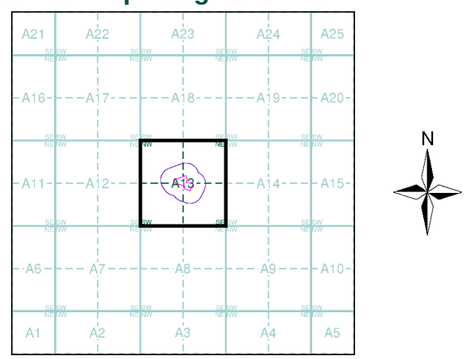
Source map scale - 1:2,500

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 A13



Order Details

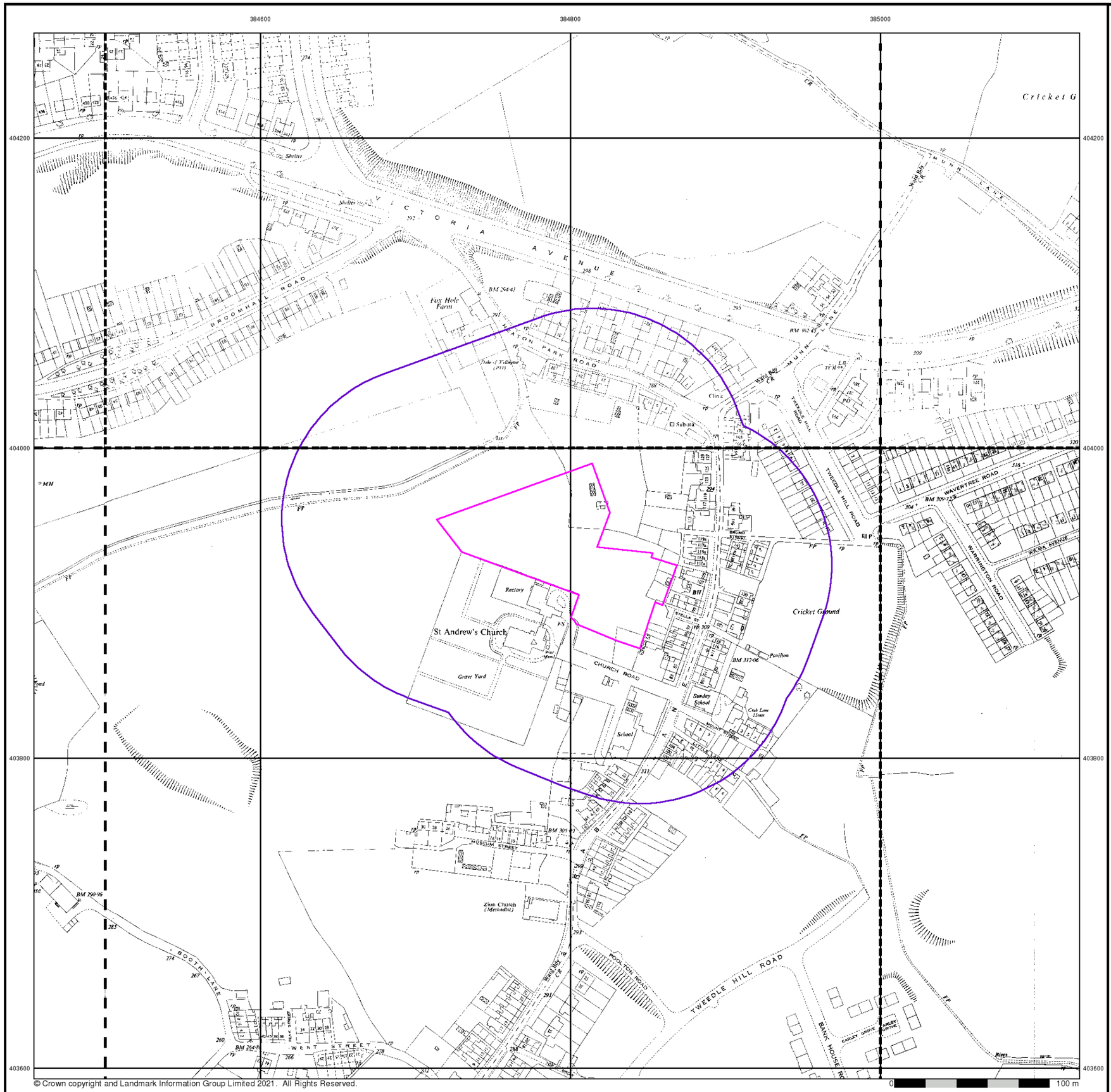
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National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	100

Site Details

Day Nursery, Longhurst Road, Manchester, M9 8NS

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Ordnance Survey Plan

Published 1951 - 1952

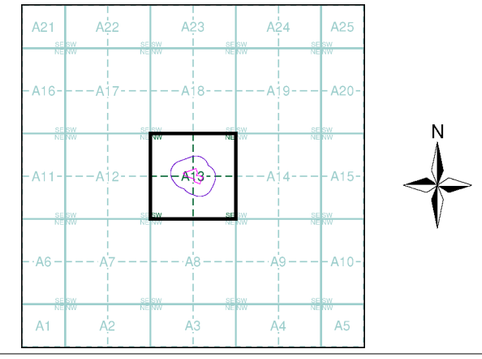
Source map scale - 1:1,250

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)

SD8404SW 1952 1:1,250	SD8404SE 1952 1:1,250	SD8504SW 1952 1:1,250
SD8403NW 1952 1:1,250	SD8403NE 1952 1:1,250	SD8503NW 1951 1:1,250

Historical Map - Segment A13



Order Details

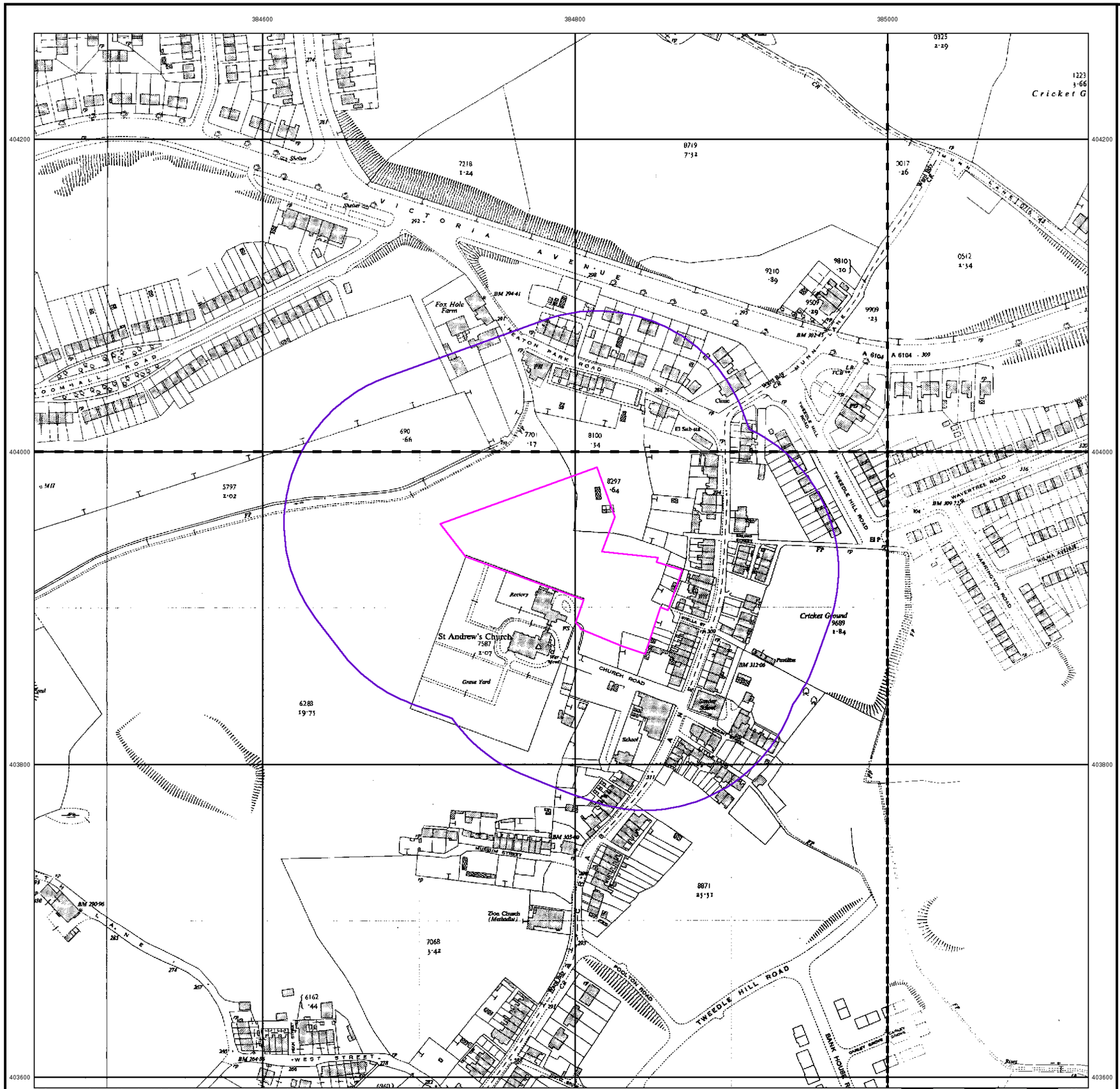
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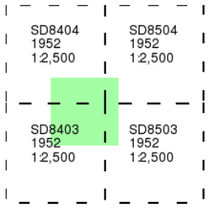
Ordnance Survey Plan

Published 1952

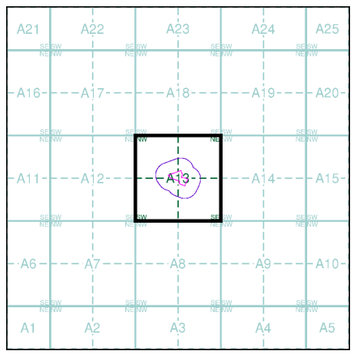
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

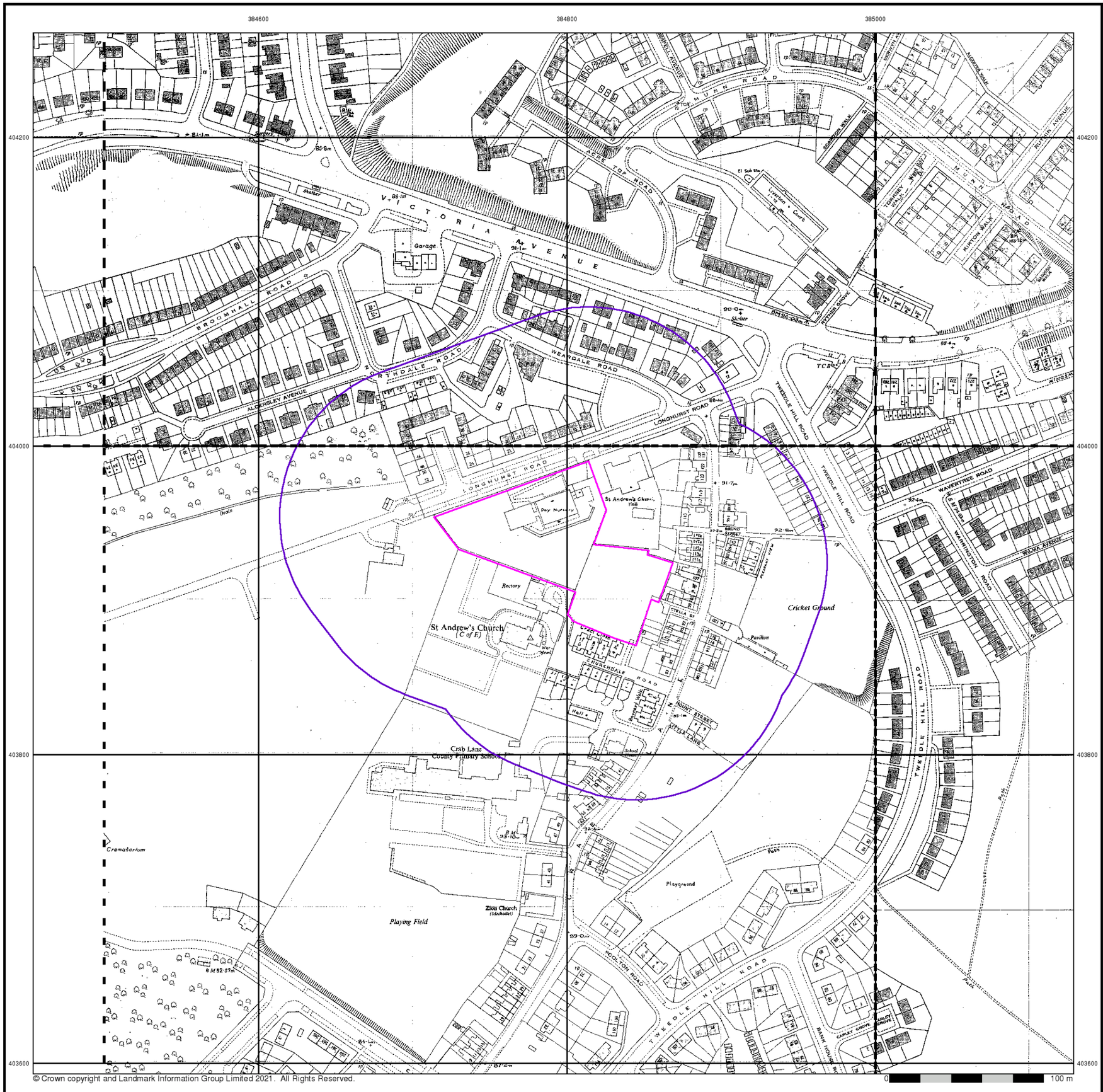
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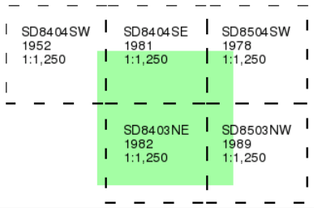
Additional SIMs

Published 1952 - 1989

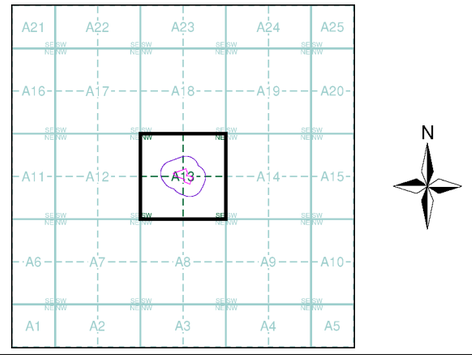
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

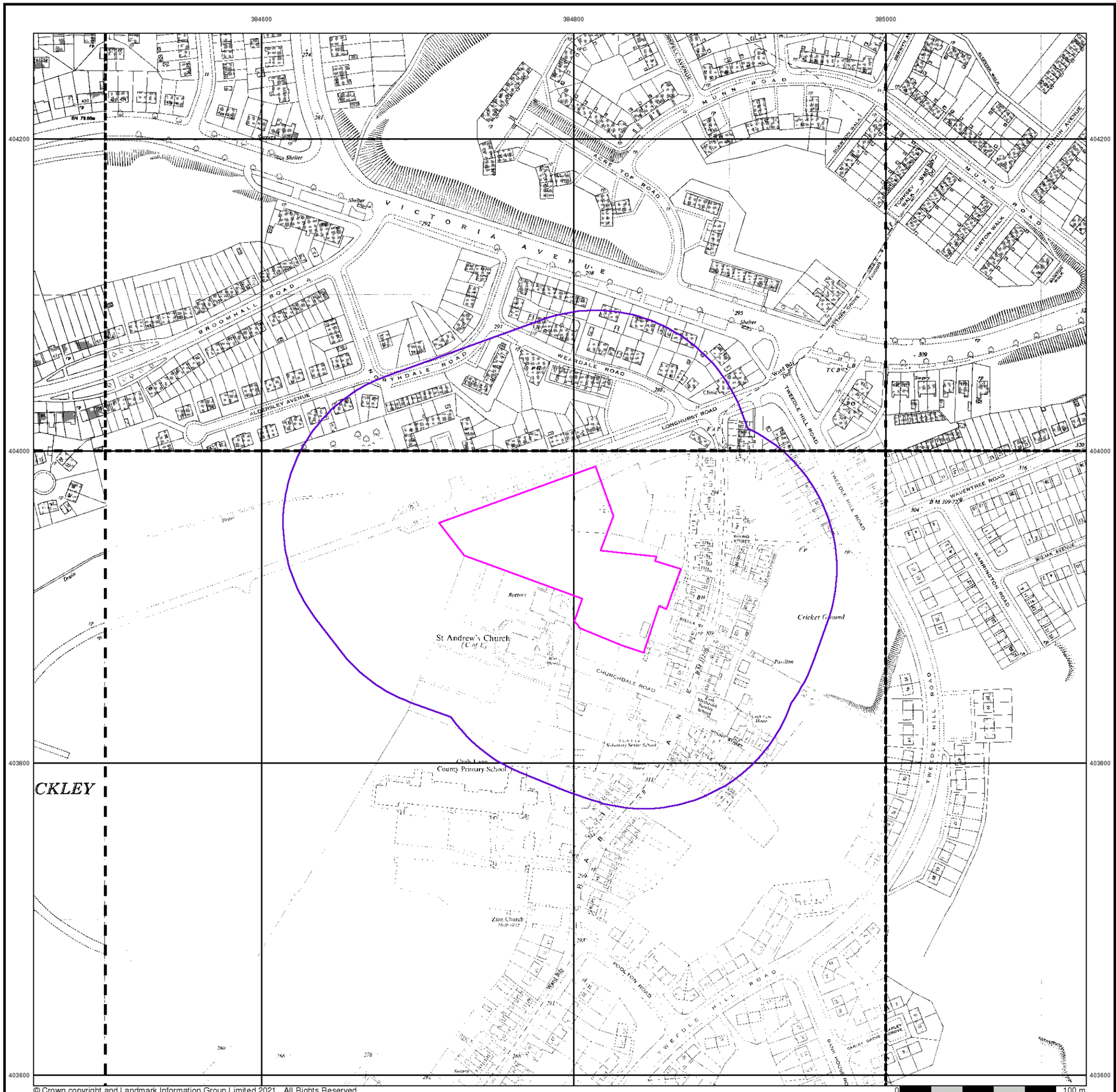
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National Grid Reference:	384800, 403930
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Site Area (Ha):	0.82
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Ordnance Survey Plan

Published 1955 - 1987

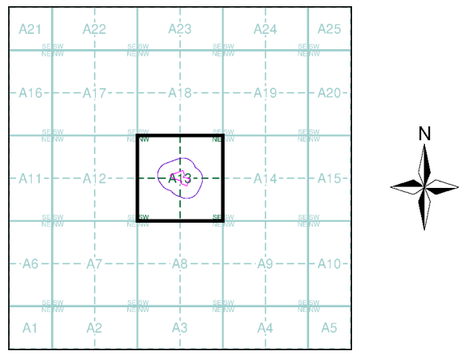
Source map scale - 1:1,250

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)

SD8404SW 1987 1:1,250	SD8404SE 1958 1:1,250	SD8504SW 1958 1:1,250
SD8403NW 1955 1:1,250	SD8403NE 1955 1:1,250	SD8503NW 1955 1:1,250

Historical Map - Segment A13



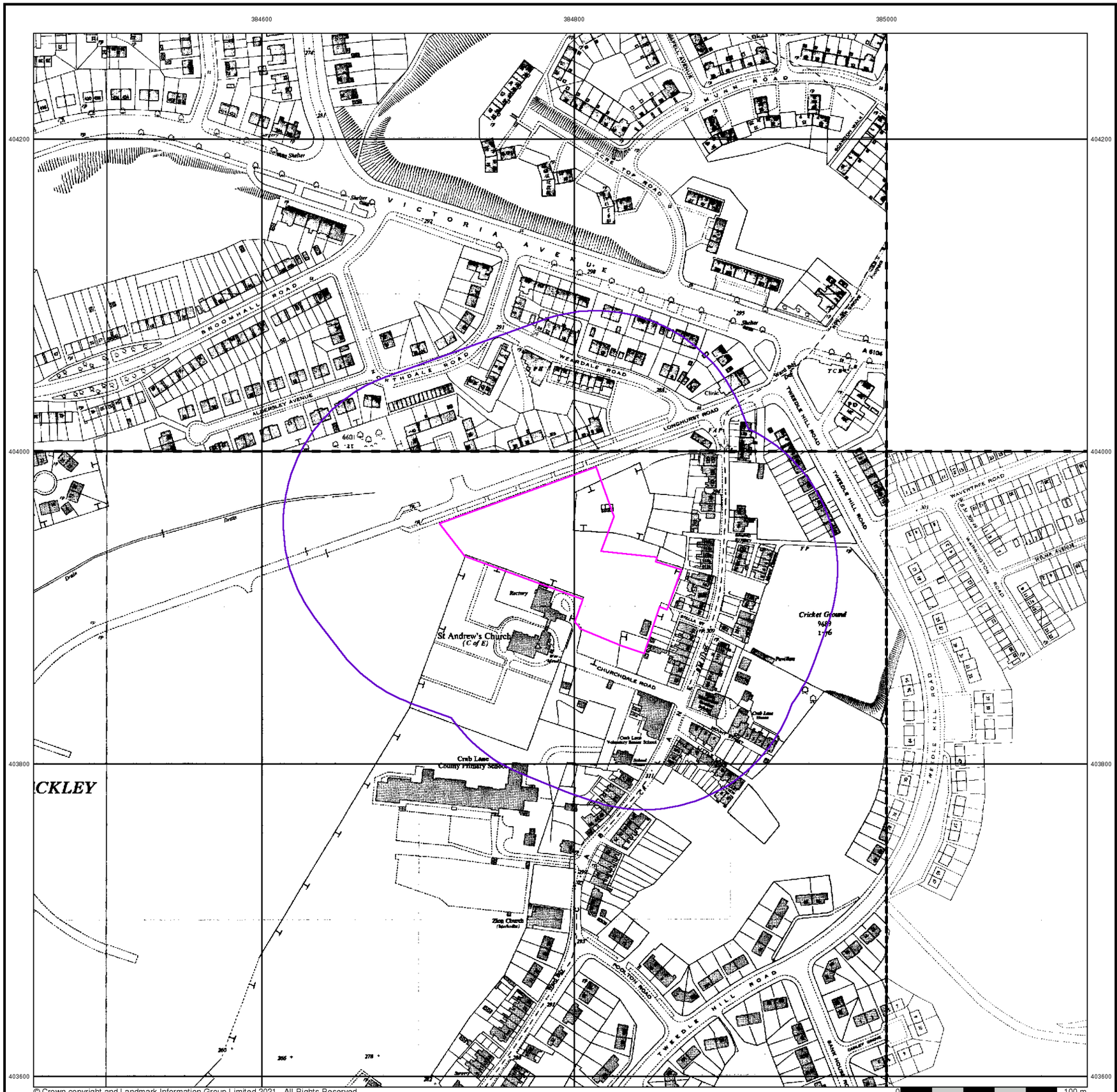
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Site Area (Ha):	0.82
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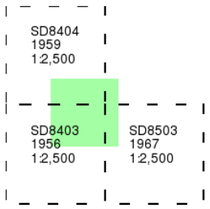
Ordnance Survey Plan

Published 1956 - 1967

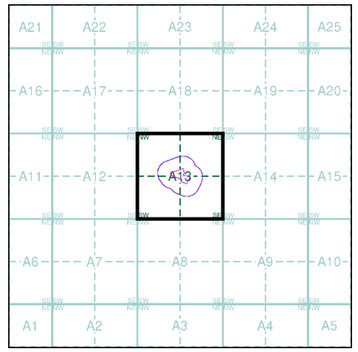
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

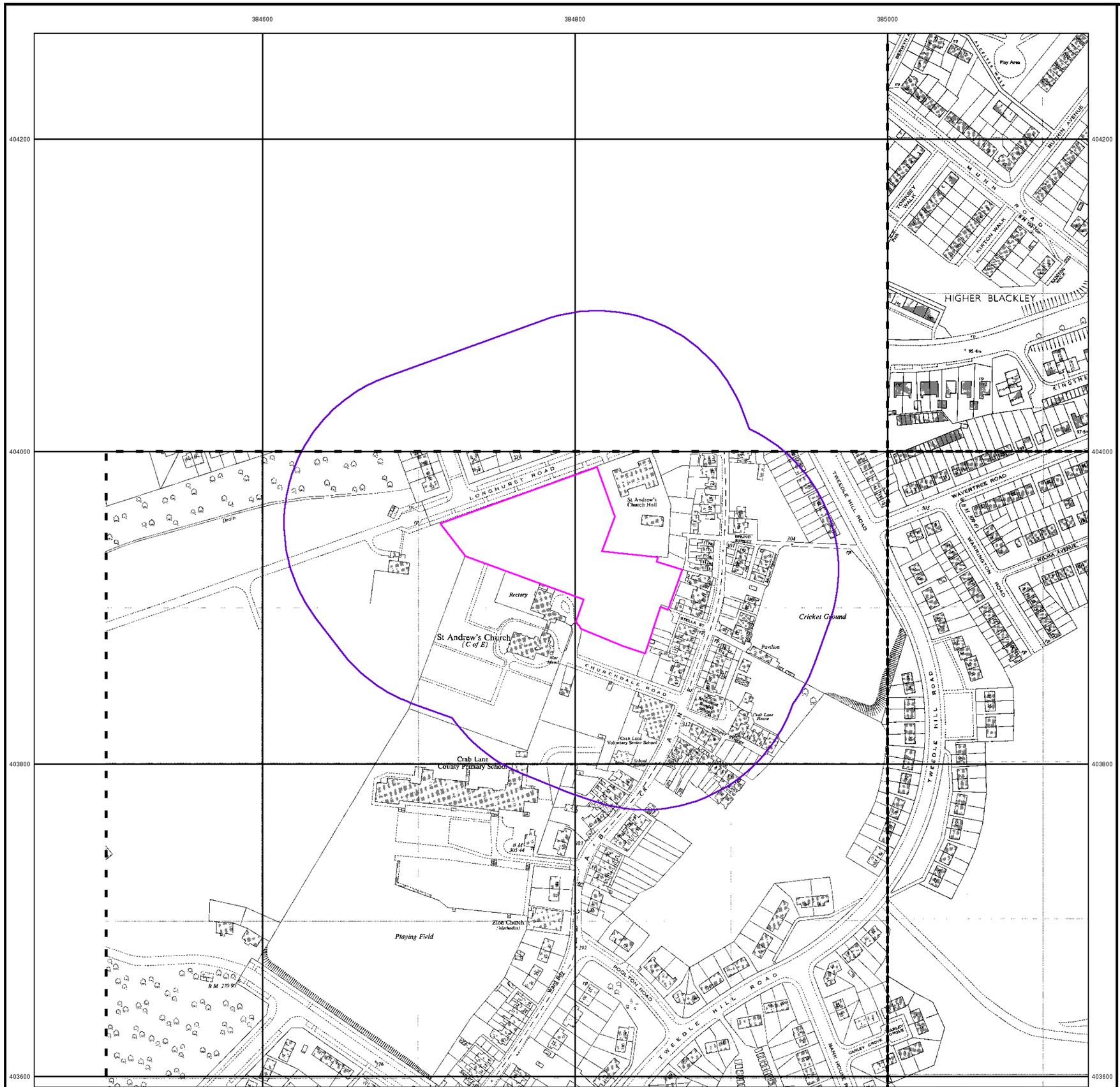
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Site Area (Ha):	0.82
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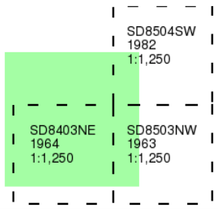
Ordnance Survey Plan

Published 1963 - 1982

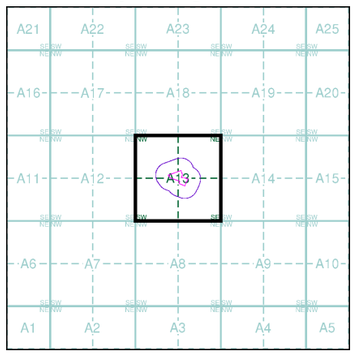
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

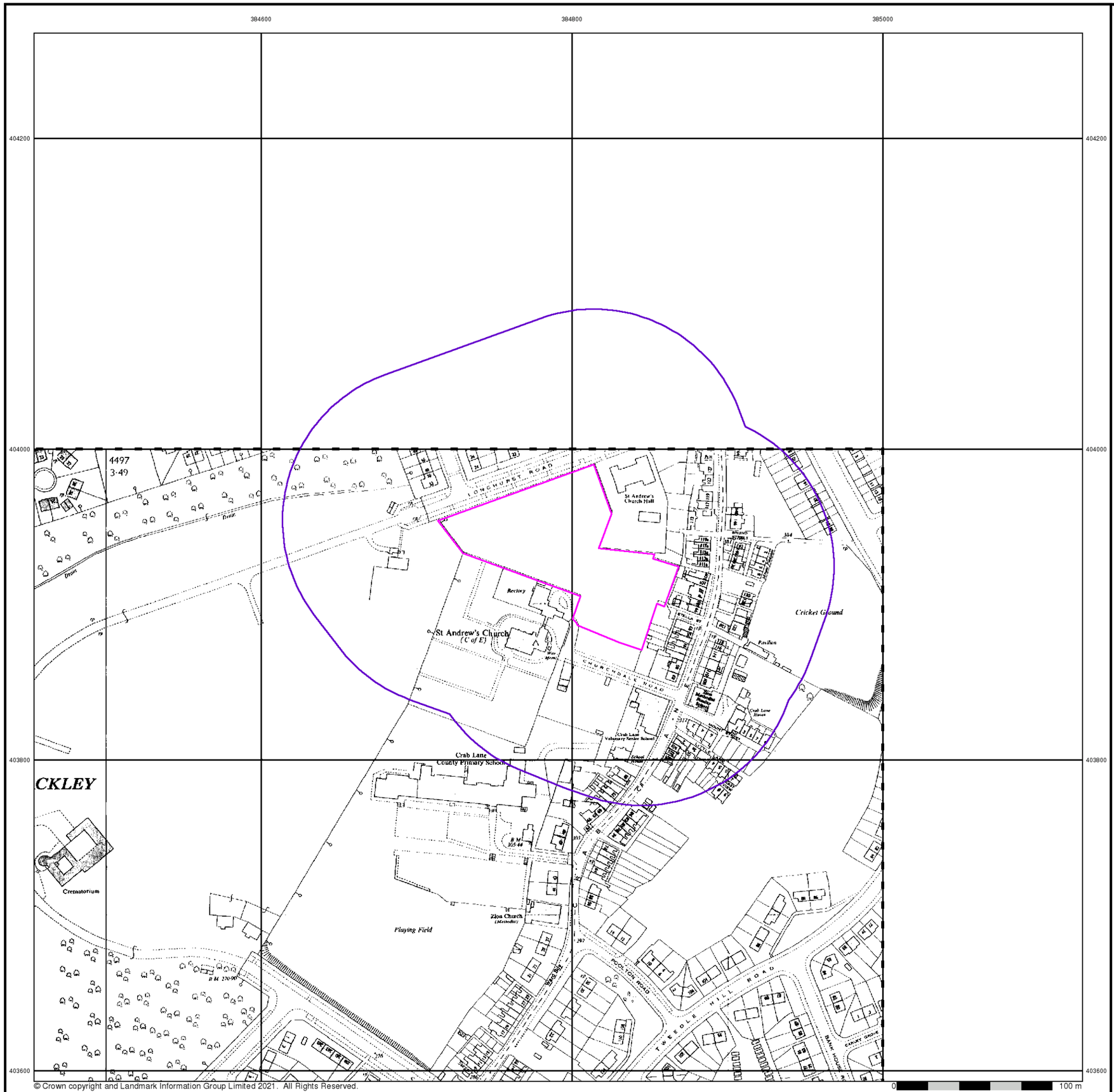
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Search Buffer (m):	100

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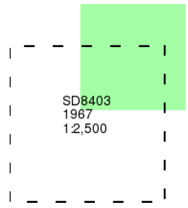
Ordnance Survey Plan

Published 1967

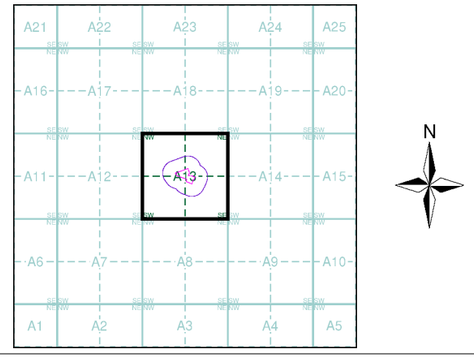
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	273937983_1_1
Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
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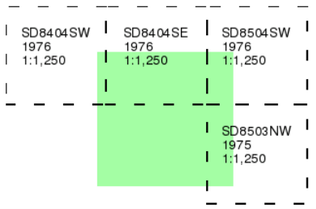
Supply of Unpublished Survey Information

Published 1975 - 1976

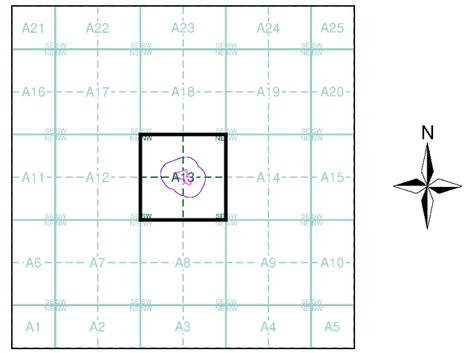
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

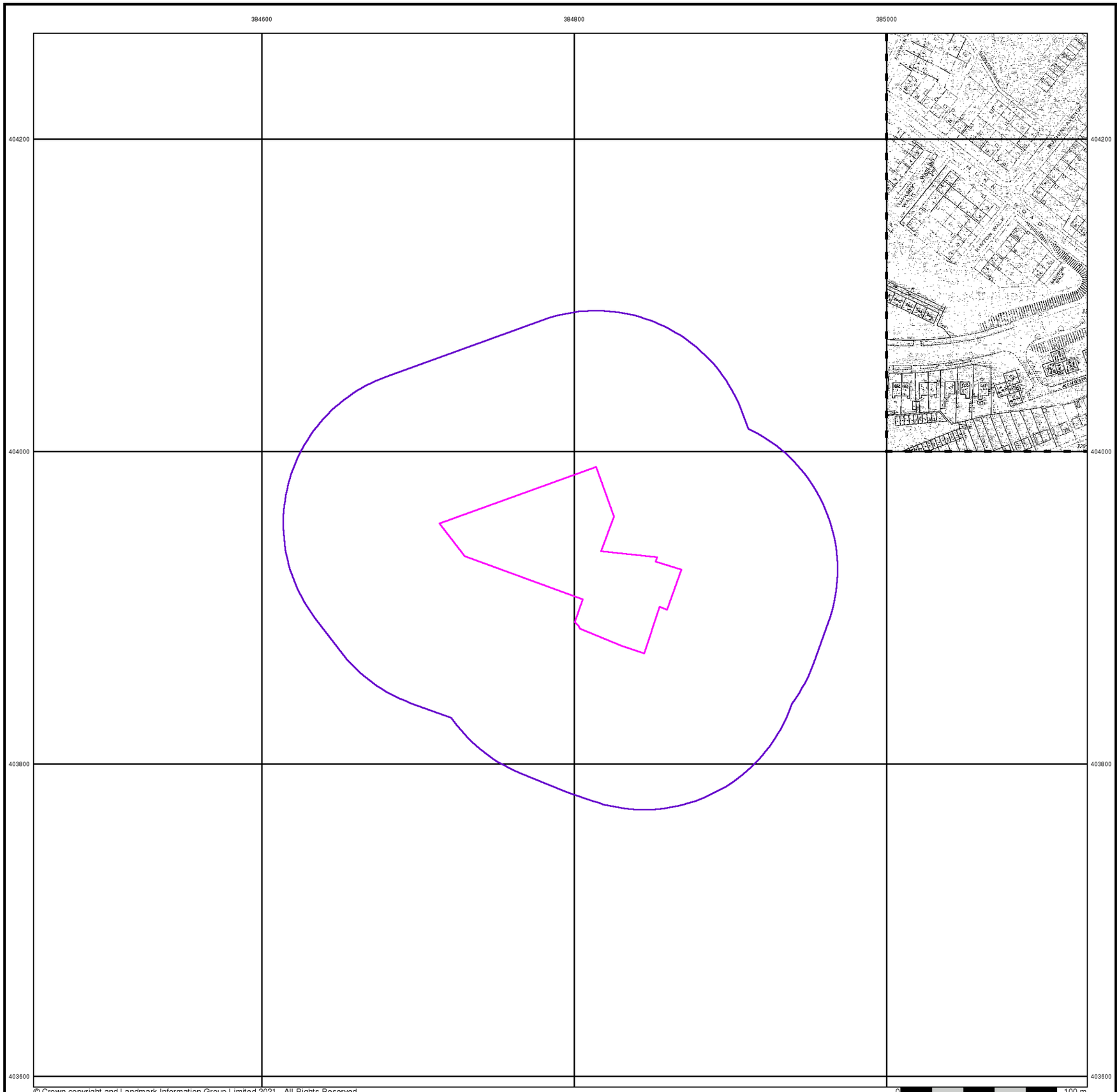
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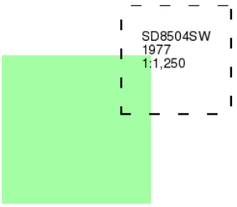
Supply of Unpublished Survey Information

Published 1977

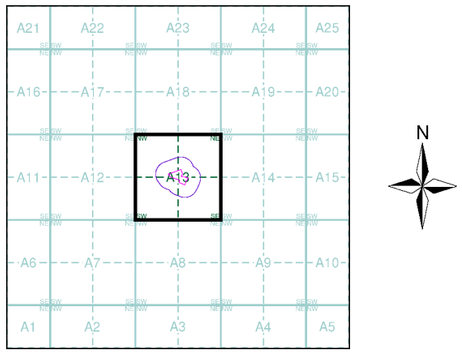
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

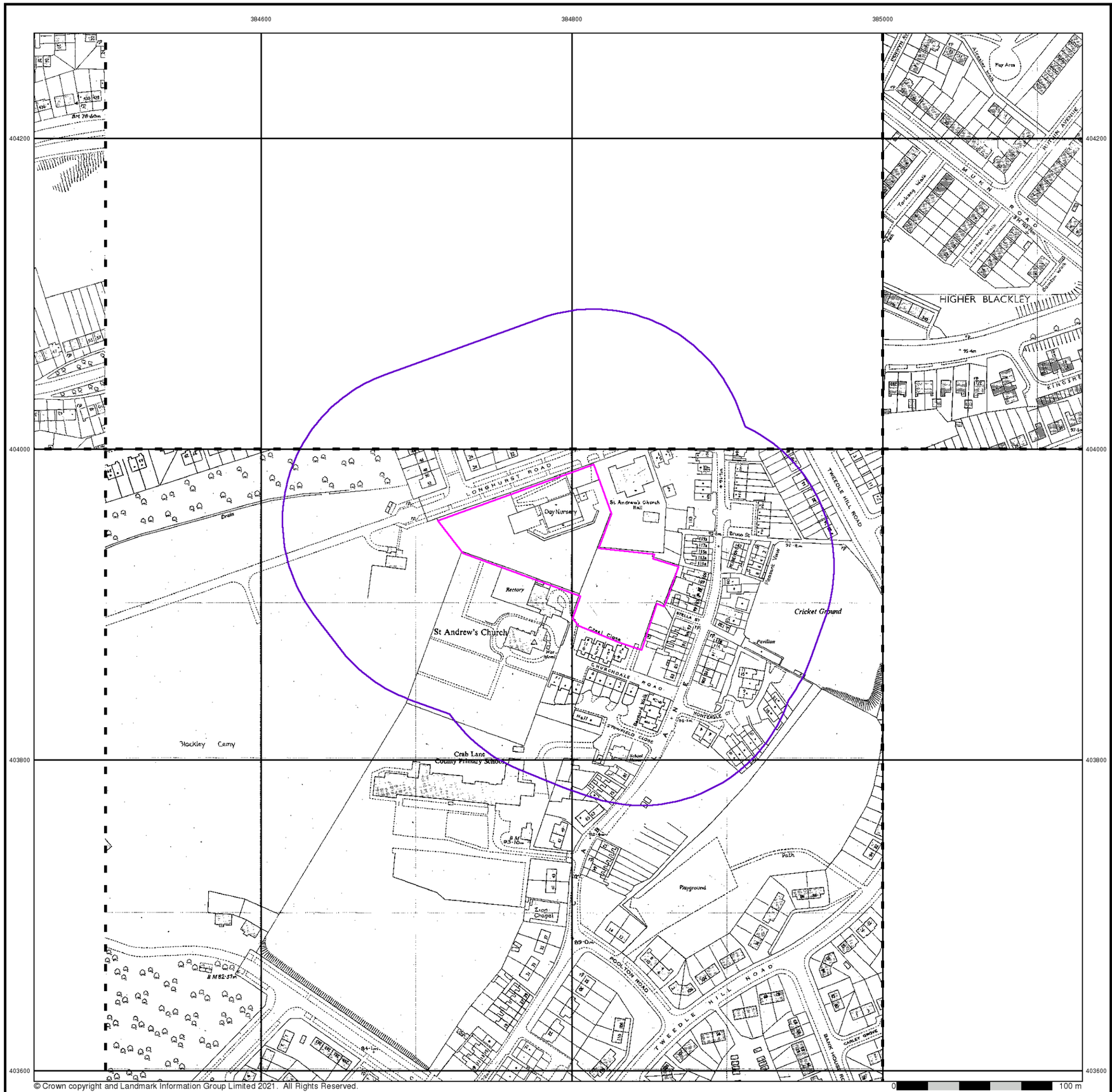
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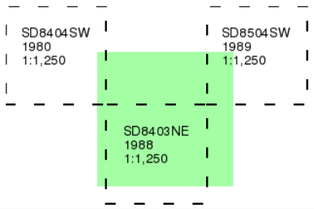
Additional SIMs

Published 1980 - 1989

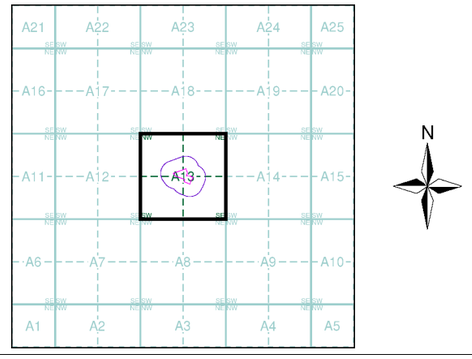
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

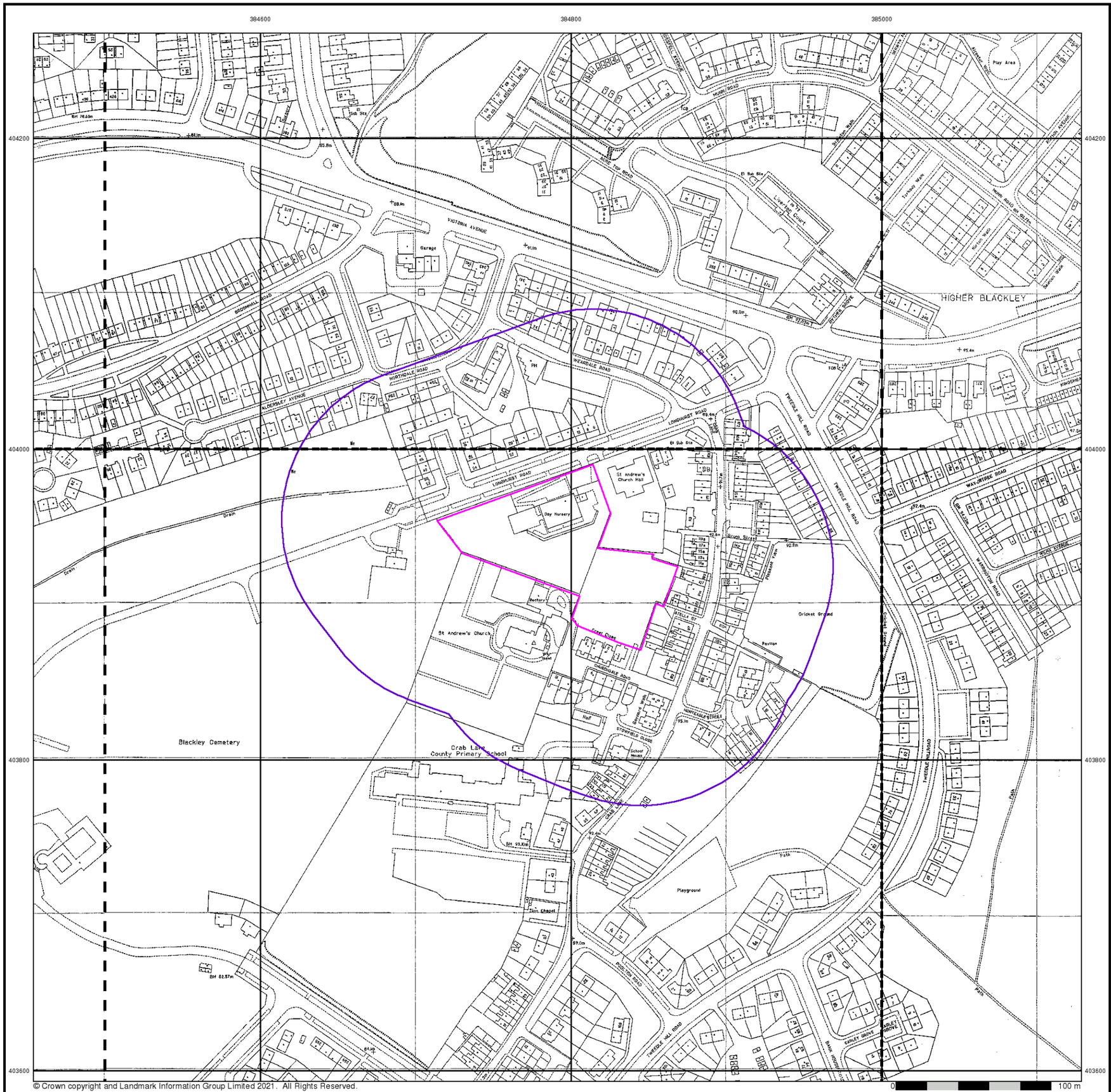
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Large-Scale National Grid Data

Published 1992

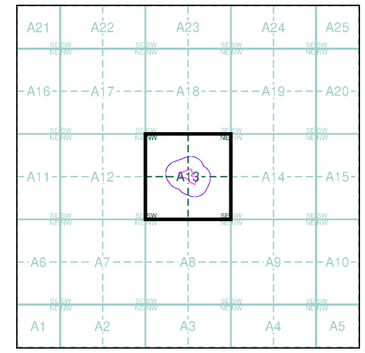
Source map scale - 1:1,250

'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)

SD8404SW 1992 1:1,250	SD8404SE 1992 1:1,250	SD8504SW 1992 1:1,250
SD8403NW 1992 1:1,250	SD8403NE 1992 1:1,250	SD8503NW 1992 1:1,250

Historical Map - Segment A13



Order Details

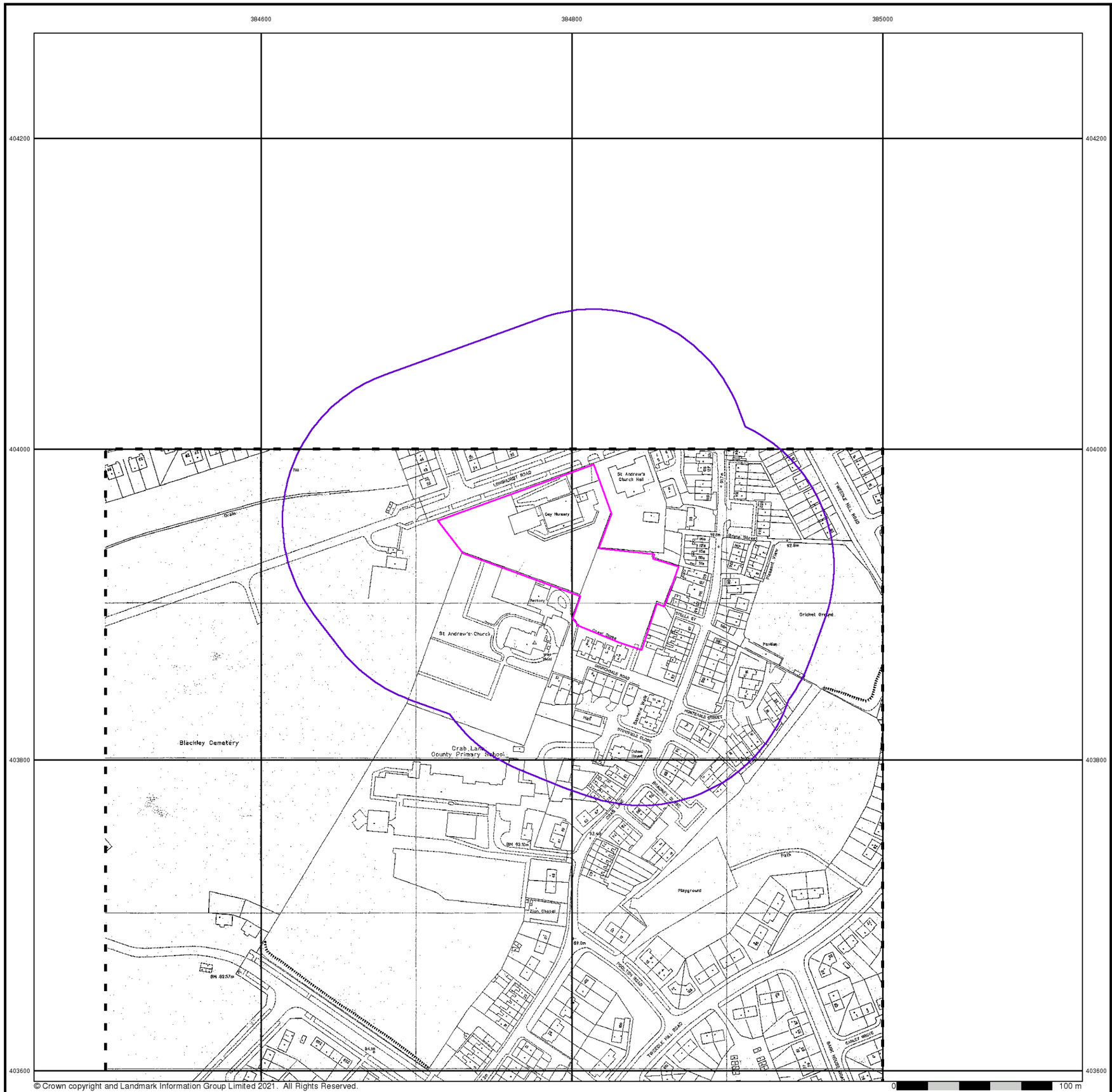
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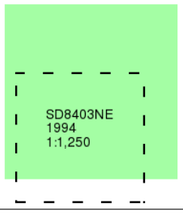
Large-Scale National Grid Data

Published 1994

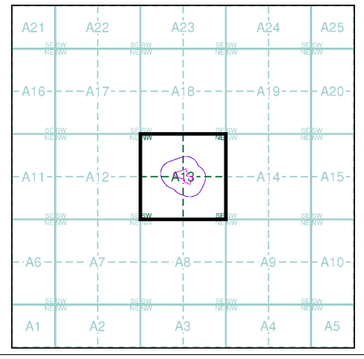
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

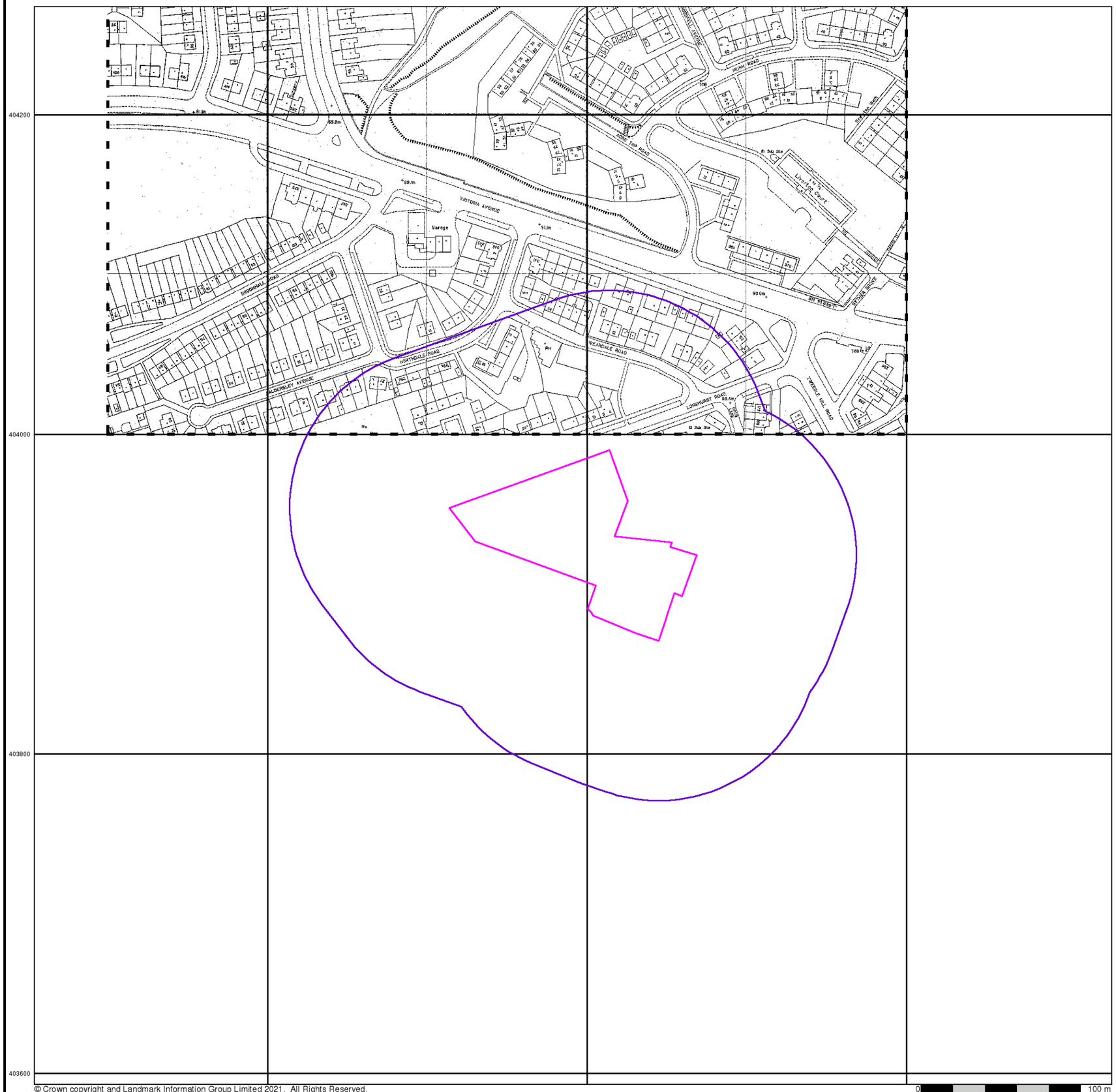
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Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	100

Site Details

Day Nursery, Longhurst Road, Manchester, M9 8NS

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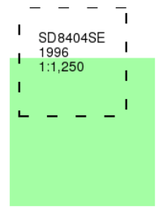
Large-Scale National Grid Data

Published 1996

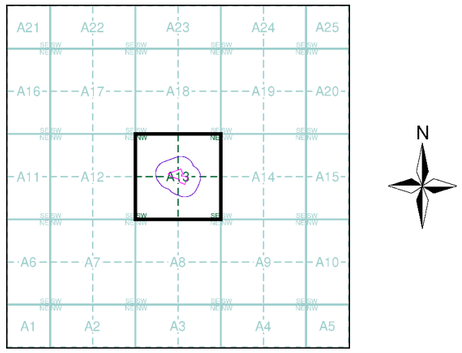
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Map Name(s) and Date(s)



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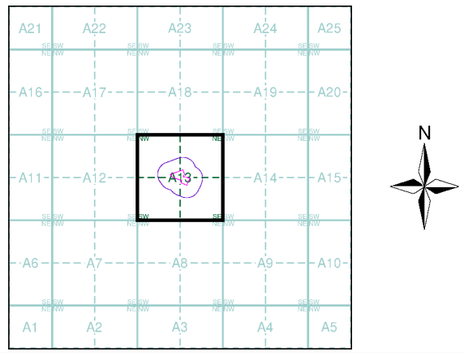
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Historical Aerial Photography

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 A13



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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

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

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

1:10,000 Raster Mapping

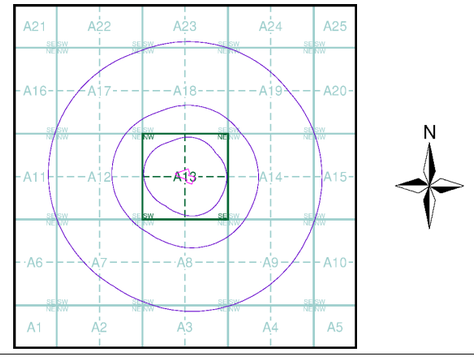
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community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

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Cheshire	1:10,560	1882	4
Lancashire And Furness	1:10,560	1894	5
Lancashire And Furness	1:10,560	1910	6
Lancashire And Furness	1:10,560	1923	7
Lancashire And Furness	1:10,560	1932 - 1933	8
Lancashire And Furness	1:10,560	1938	9
Ordnance Survey Plan	1:10,000	1955 - 1956	10
Ordnance Survey Plan	1:10,000	1965 - 1968	11
Ordnance Survey Plan	1:10,000	1974 - 1979	12
Manchester	1:25,000	1975	13
Ordnance Survey Plan	1:10,000	1982 - 1986	14
Ordnance Survey Plan	1:10,000	1990	15
10K Raster Mapping	1:10,000	1999	16
10K Raster Mapping	1:10,000	2006	17
VectorMap Local	1:10,000	2020	18

Historical Map - Slice A



Order Details

Order Number: 273937983_1_1
Customer Ref: EBMA2711
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Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale

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

243,8 — Values for prominent elevations

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

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

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

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

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

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

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

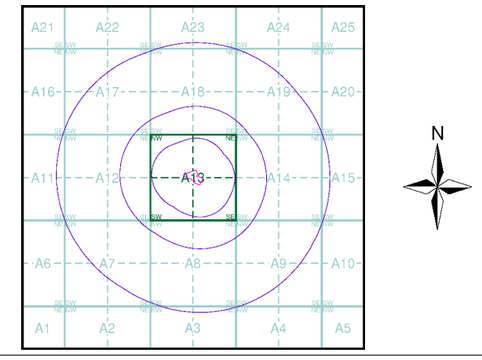
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Historical Mapping & Photography included:

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10K Raster Mapping	1:10,000	1999	16
10K Raster Mapping	1:10,000	2006	17
VectorMap Local	1:10,000	2020	18

Russian Map - Slice A



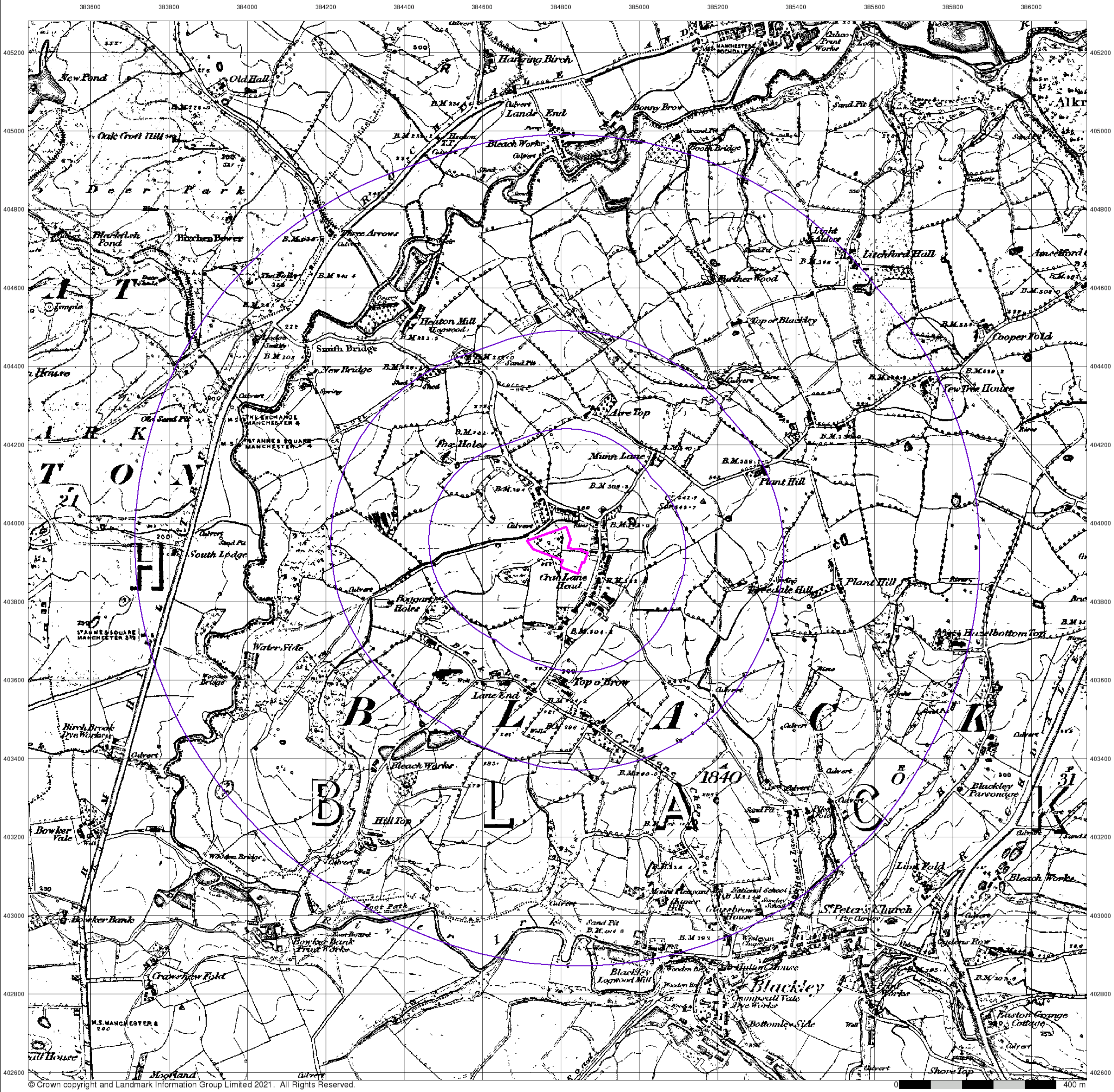
Order Details

Order Number: 273937983_1_1
Customer Ref: EBMA2711
National Grid Reference: 384800, 403930
Slice: A
Site Area (Ha): 0.82
Search Buffer (m): 1000

Site Details

Day Nursery, Longhurst Road, Manchester, M9 8NS

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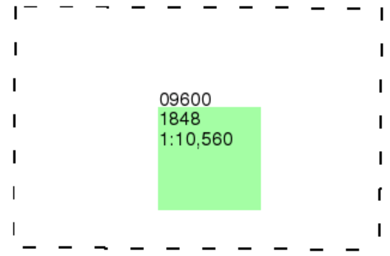
Lancashire And Furness

Published 1848

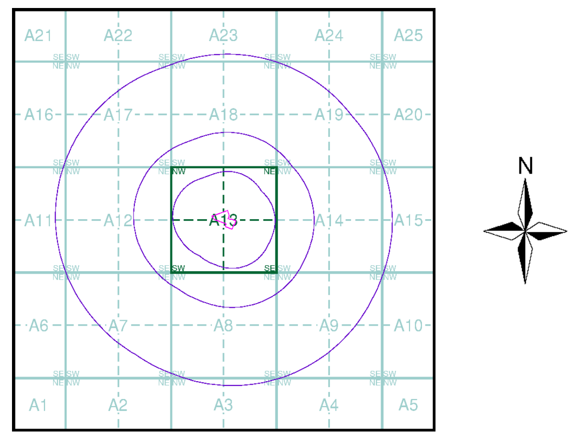
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

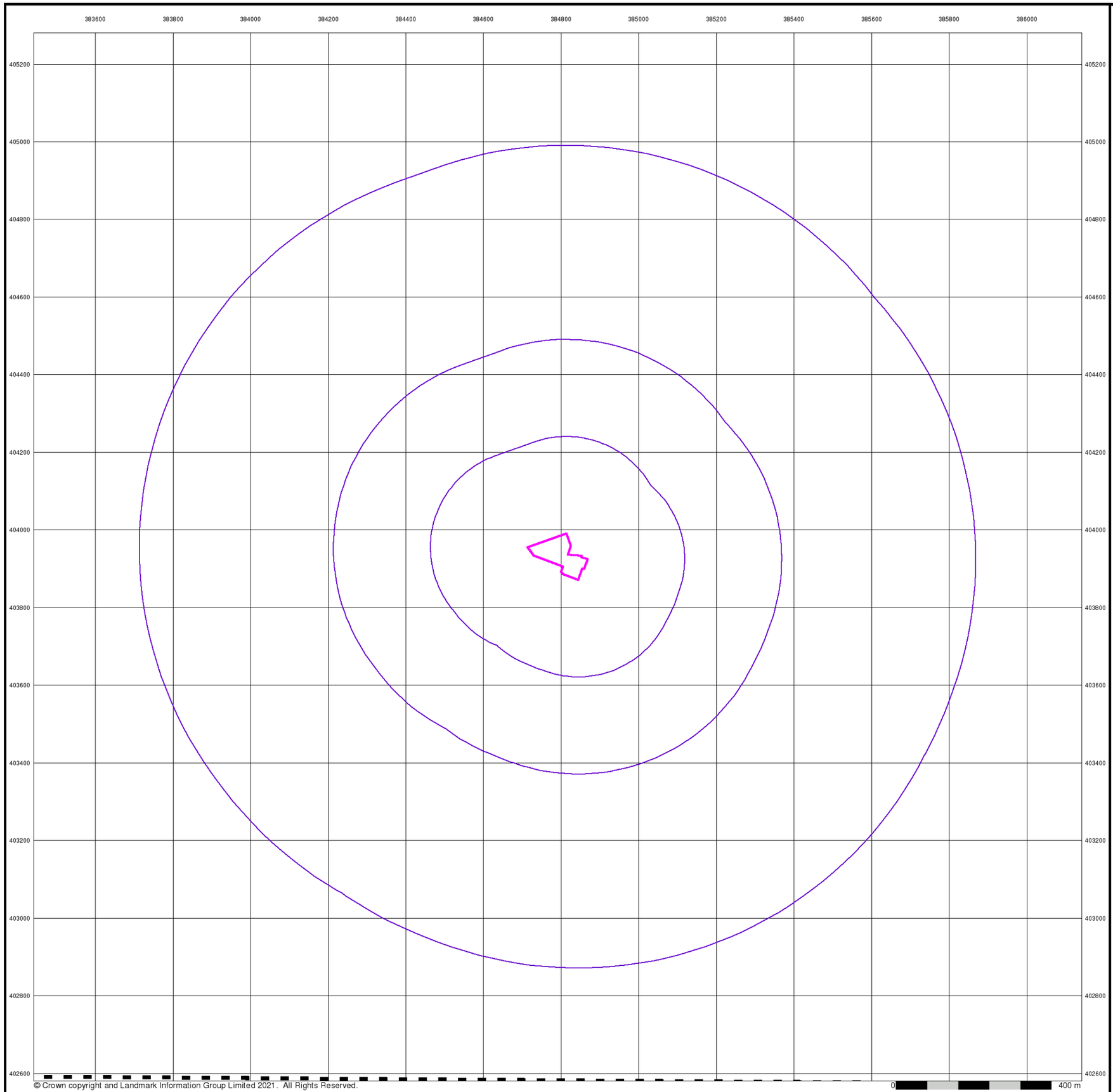
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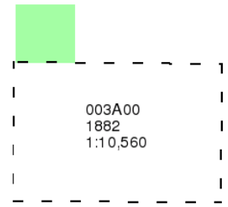
Cheshire

Published 1882

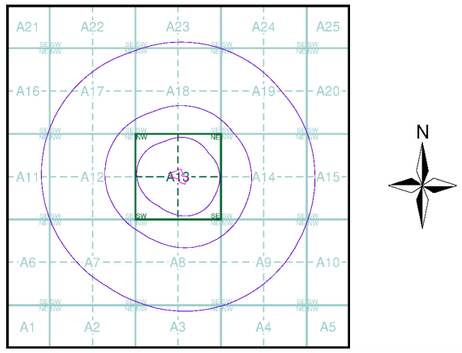
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

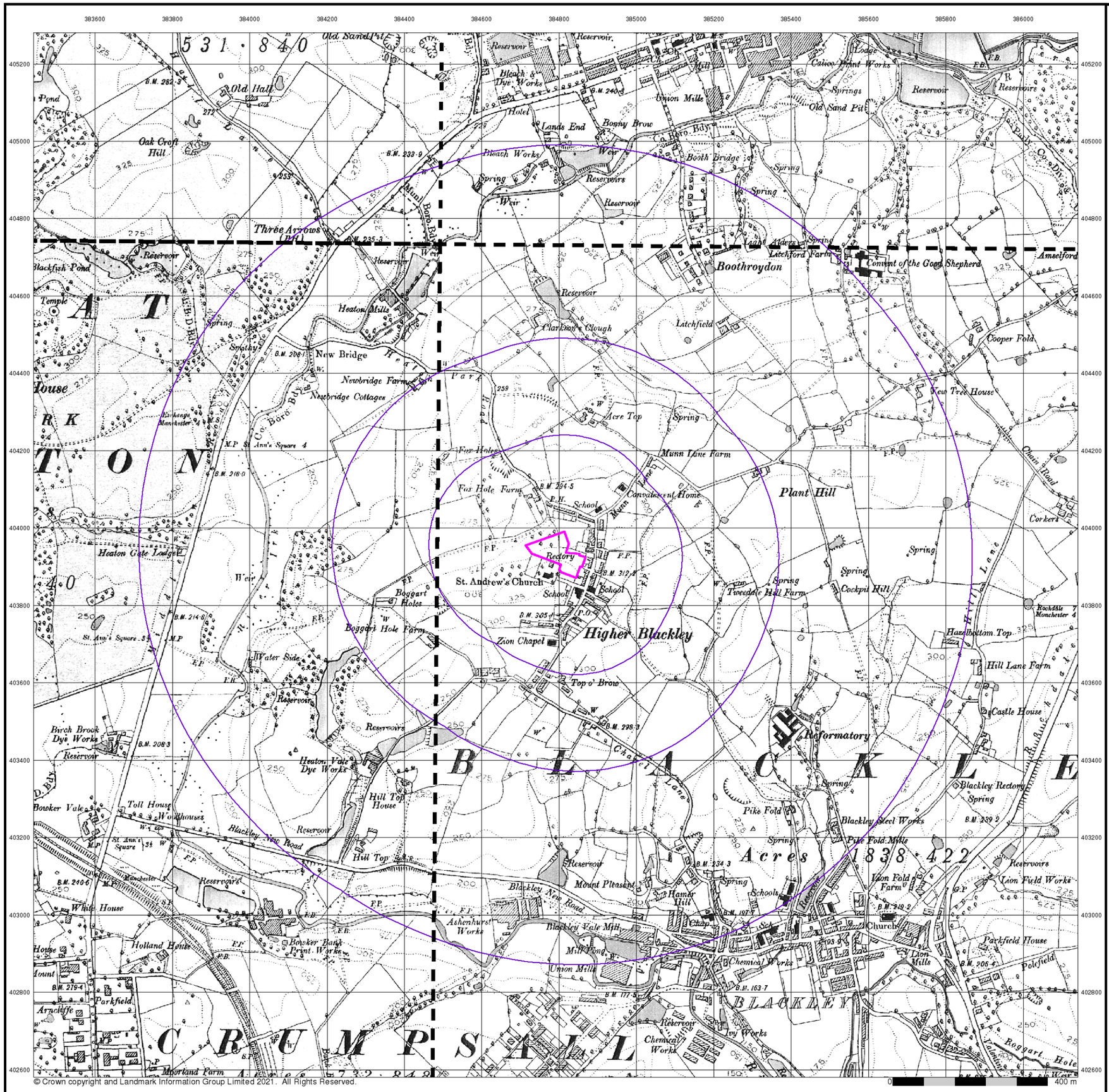
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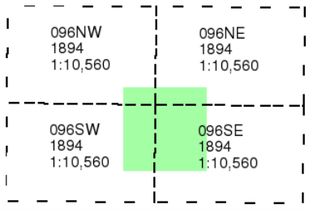
Lancashire And Furness

Published 1894

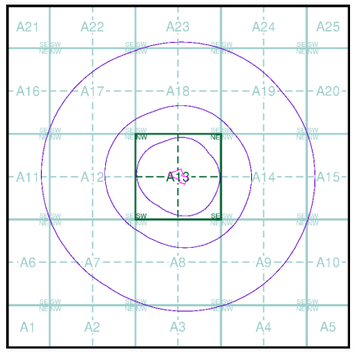
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

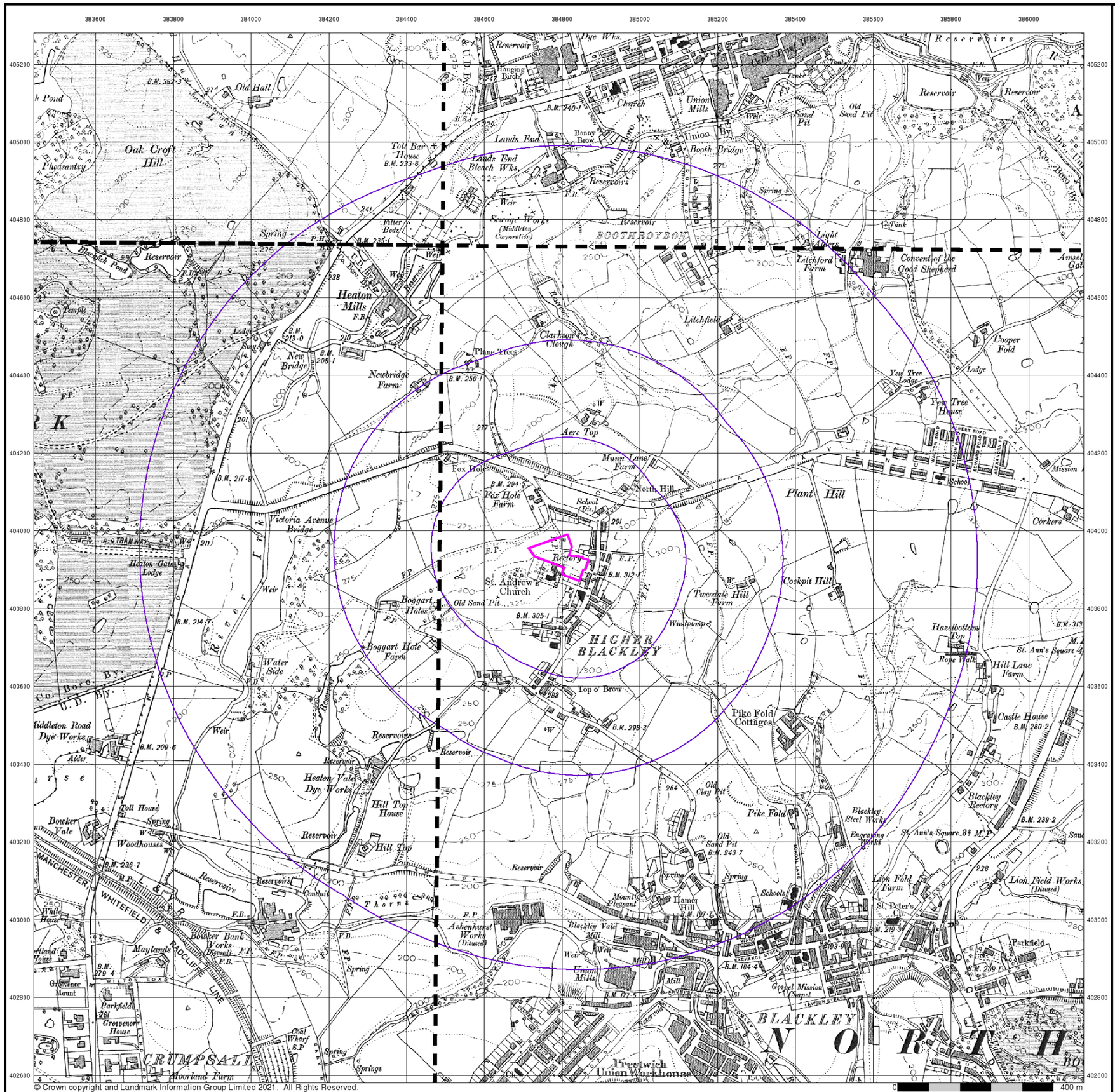
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Lancashire And Furness

Published 1910

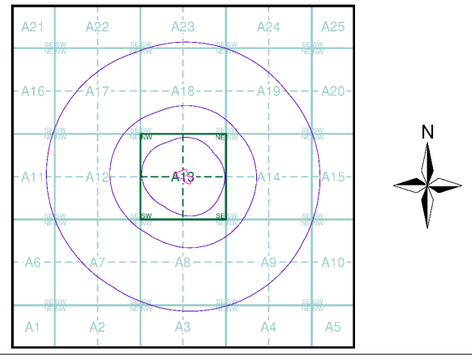
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Map Name(s) and Date(s)

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

Historical Map - Slice A



Order Details

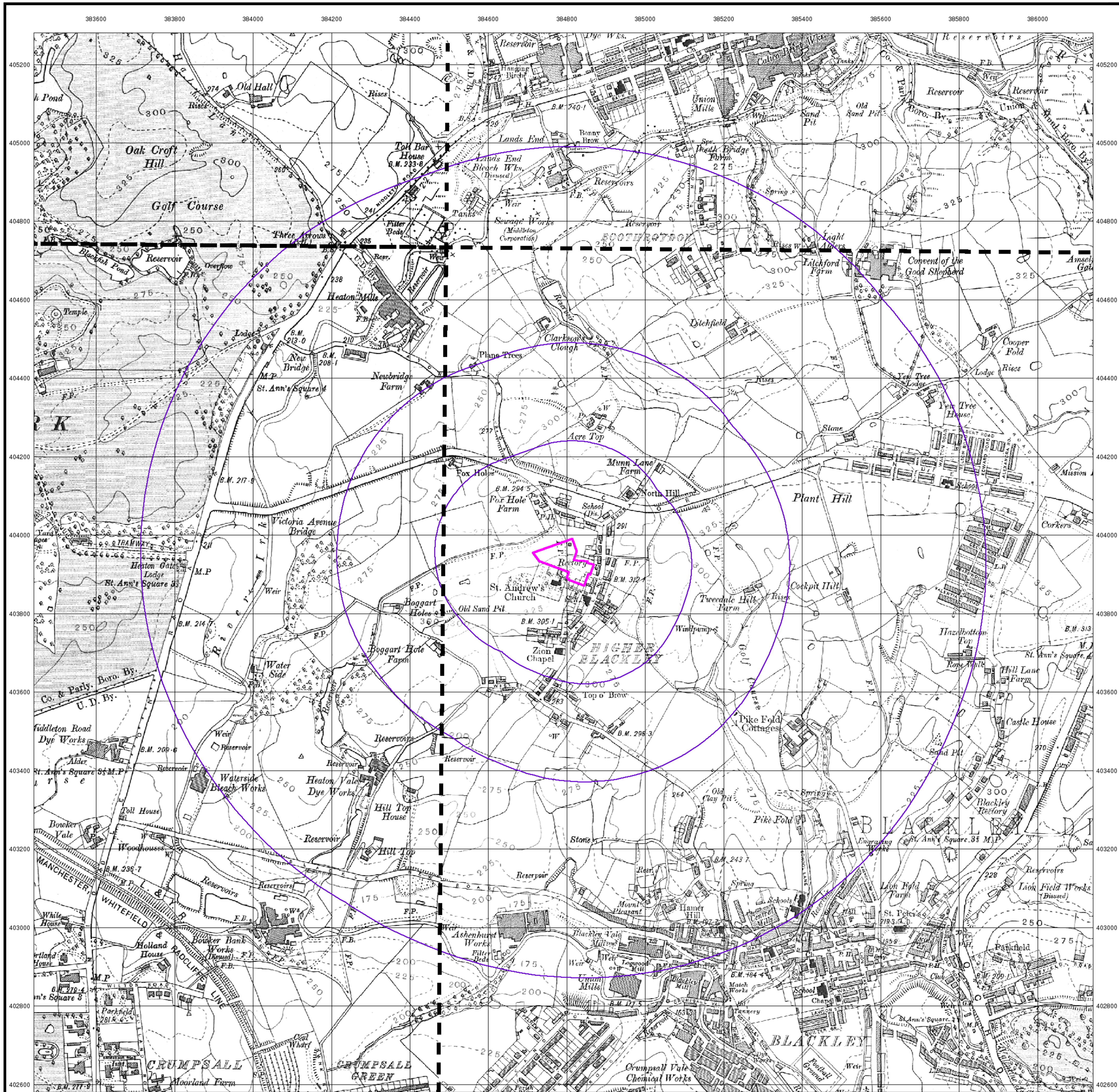
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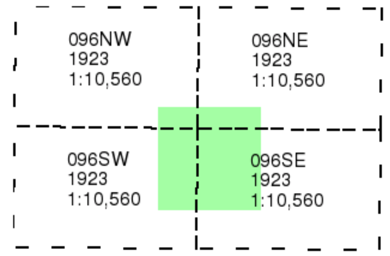
Lancashire And Furness

Published 1923

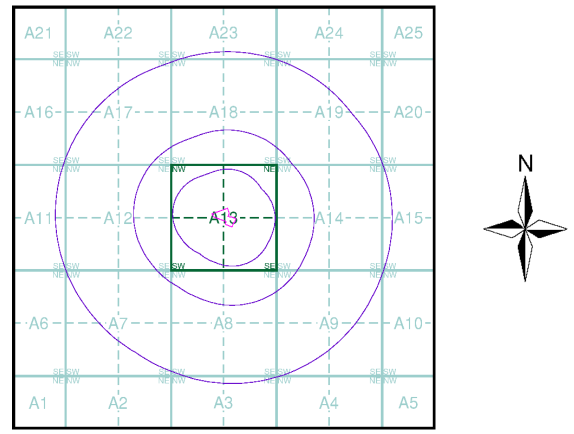
Source map scale - 1:10,560

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

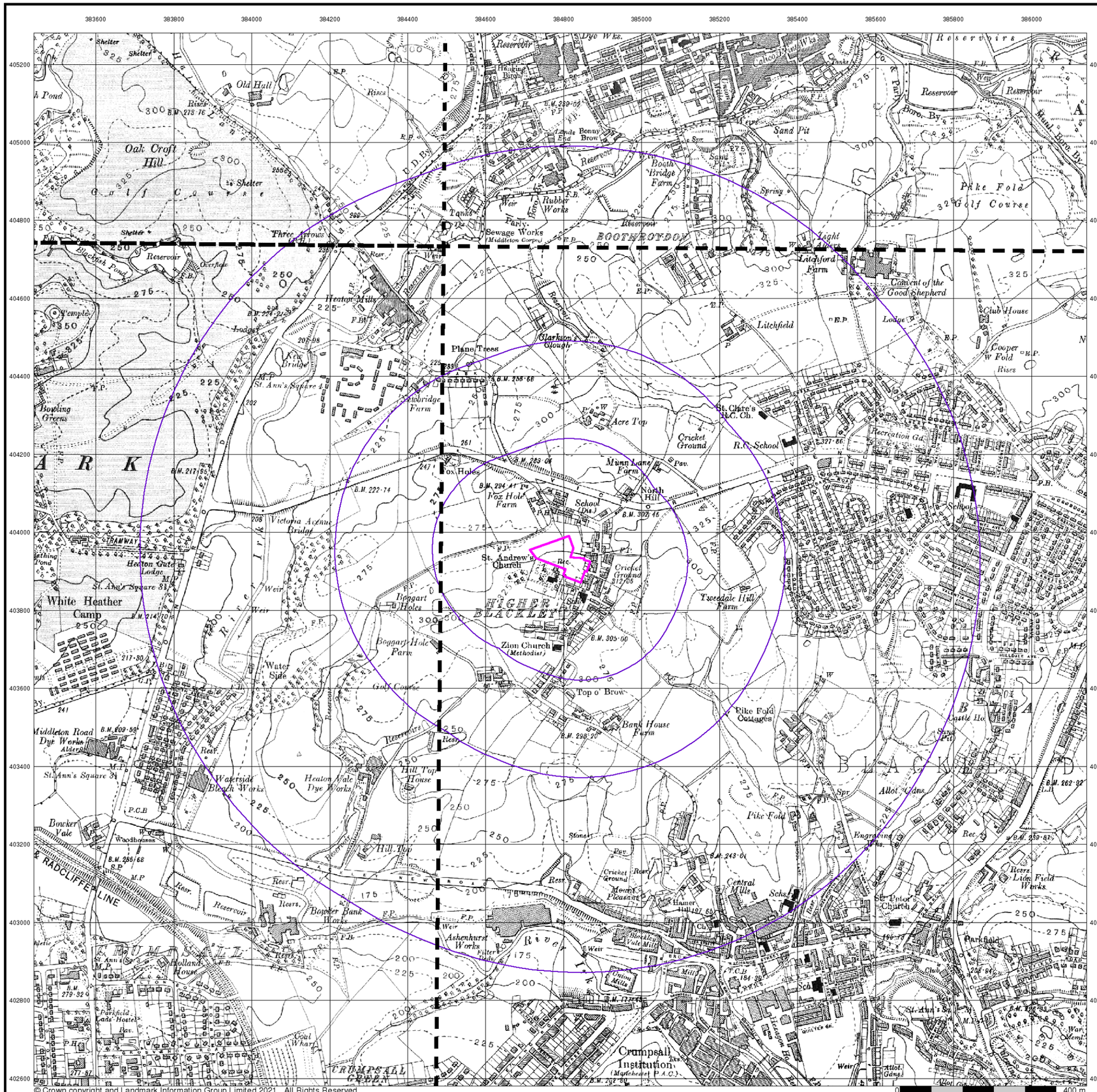
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Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

Day Nursery, Longhurst Road, Manchester, M9 8NS

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Lancashire And Furness

Published 1932 - 1933

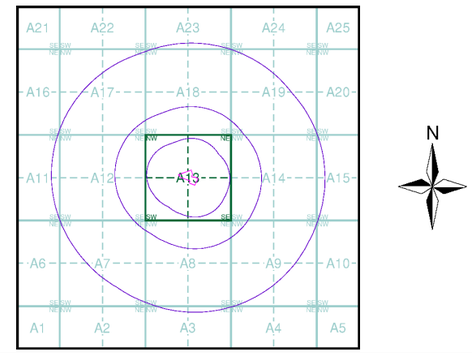
Source map scale - 1:10,560

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)

096NW 1932 1:10,560	096NE 1932 1:10,560
096SW 1932 1:10,560	096SE 1933 1:10,560

Historical Map - Slice A



Order Details

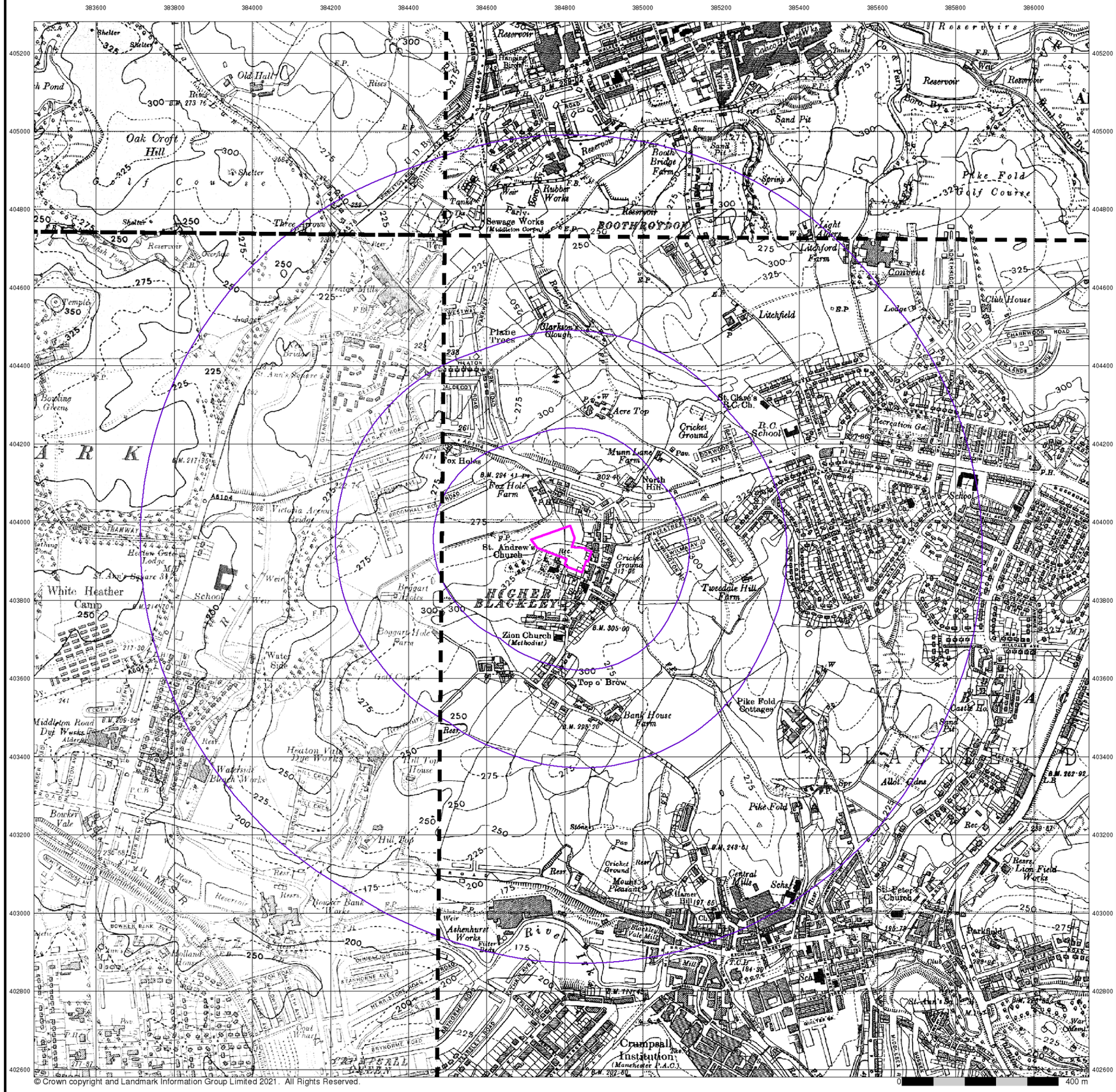
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National Grid Reference:	384800, 403930
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Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

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Lancashire And Furness

Published 1938

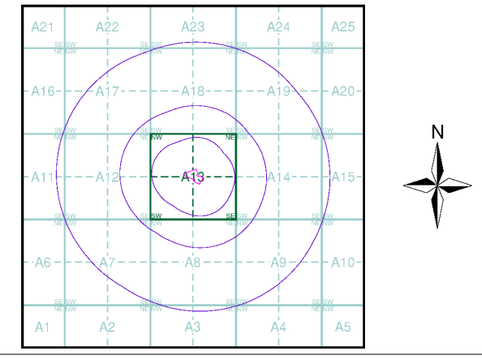
Source map scale - 1:10,560

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)

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

Historical Map - Slice A



Order Details

Order Number:	273937983_1_1
Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

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Ordnance Survey Plan

Published 1955 - 1956

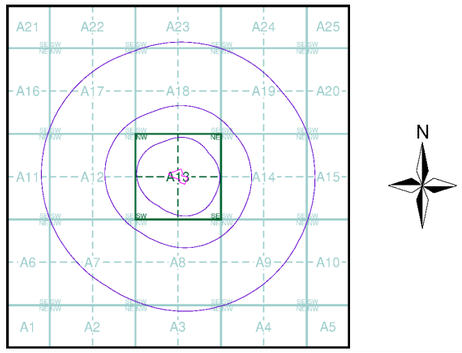
Source map scale - 1:10,000

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 1955 1:10,560	SD80NE 1956 1:10,560
SD80SW 1956 1:10,560	SD80SE 1956 1:10,560

Historical Map - Slice A



Order Details

Order Number:	273937983_1_1
Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

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Ordnance Survey Plan

Published 1965 - 1968

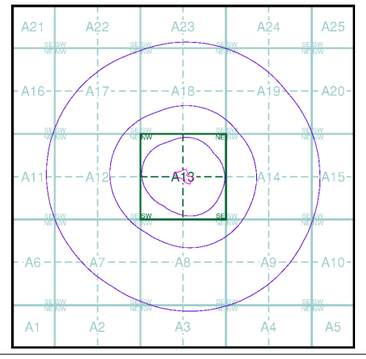
Source map scale - 1:10,000

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
SD80SW 1968 1:10,560	SD80SE 1966 1:10,560

Historical Map - Slice A



Order Details

Order Number:	273937983_1_1
Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

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Ordnance Survey Plan

Published 1974 - 1979

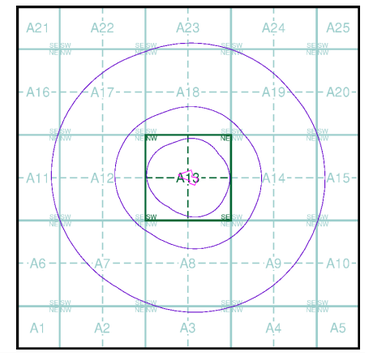
Source map scale - 1:10,000

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 1974 1:10,000	SD80NE 1977 1:10,000
SD80SW 1979 1:10,000	SD80SE 1978 1:10,000

Historical Map - Slice A



Order Details

Order Number:	273937983_1_1
Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

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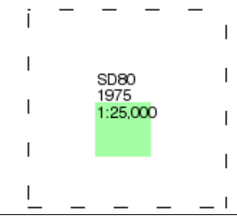
Manchester

Published 1975

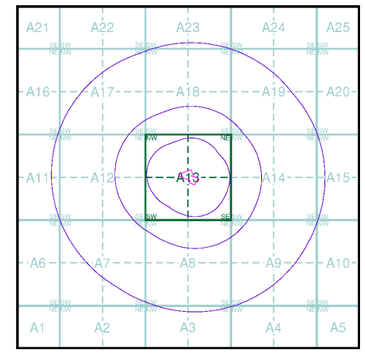
Source map scale - 1:25,000

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

Map Name(s) and Date(s)



Russian Map - Slice A



Order Details

Order Number:	273937983_1_1
Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

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Ordnance Survey Plan

Published 1982 - 1986

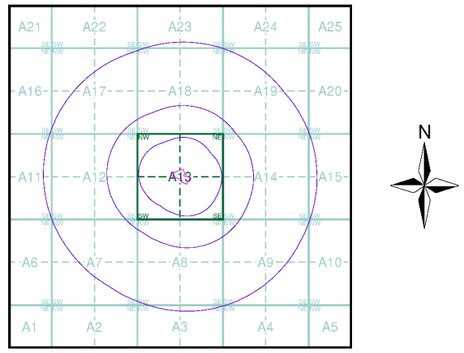
Source map scale - 1:10,000

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 1983 1:10,000	SD80NE 1984 1:10,000
SD80SW 1986 1:10,000	SD80SE 1982 1:10,000

Historical Map - Slice A



Order Details

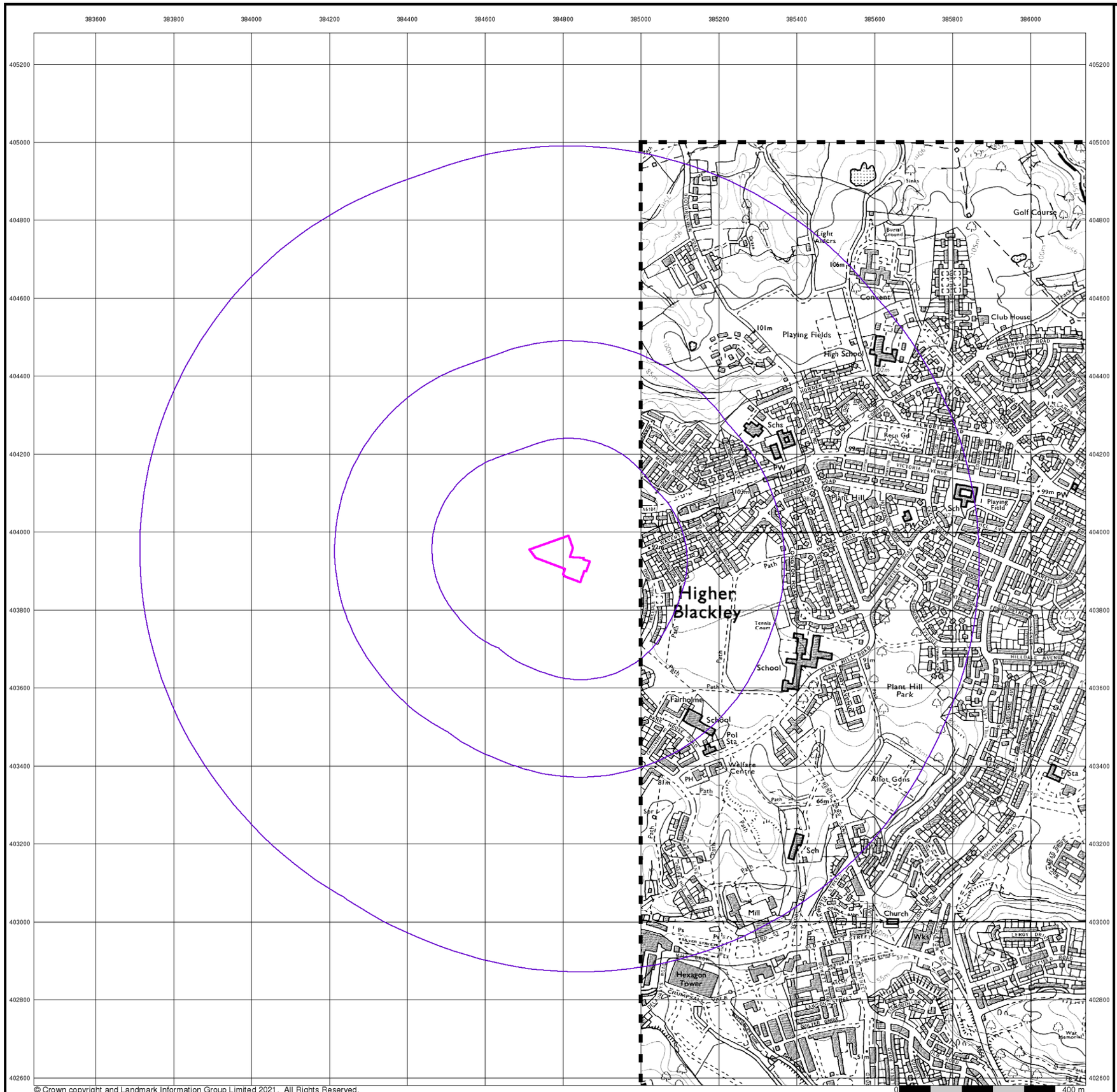
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Search Buffer (m):	1000

Site Details

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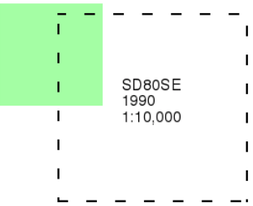
Ordnance Survey Plan

Published 1990

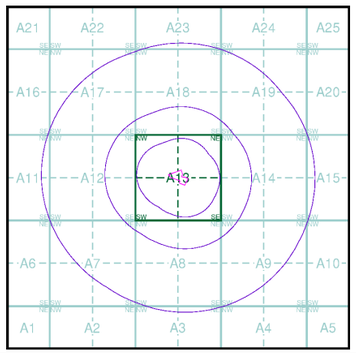
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

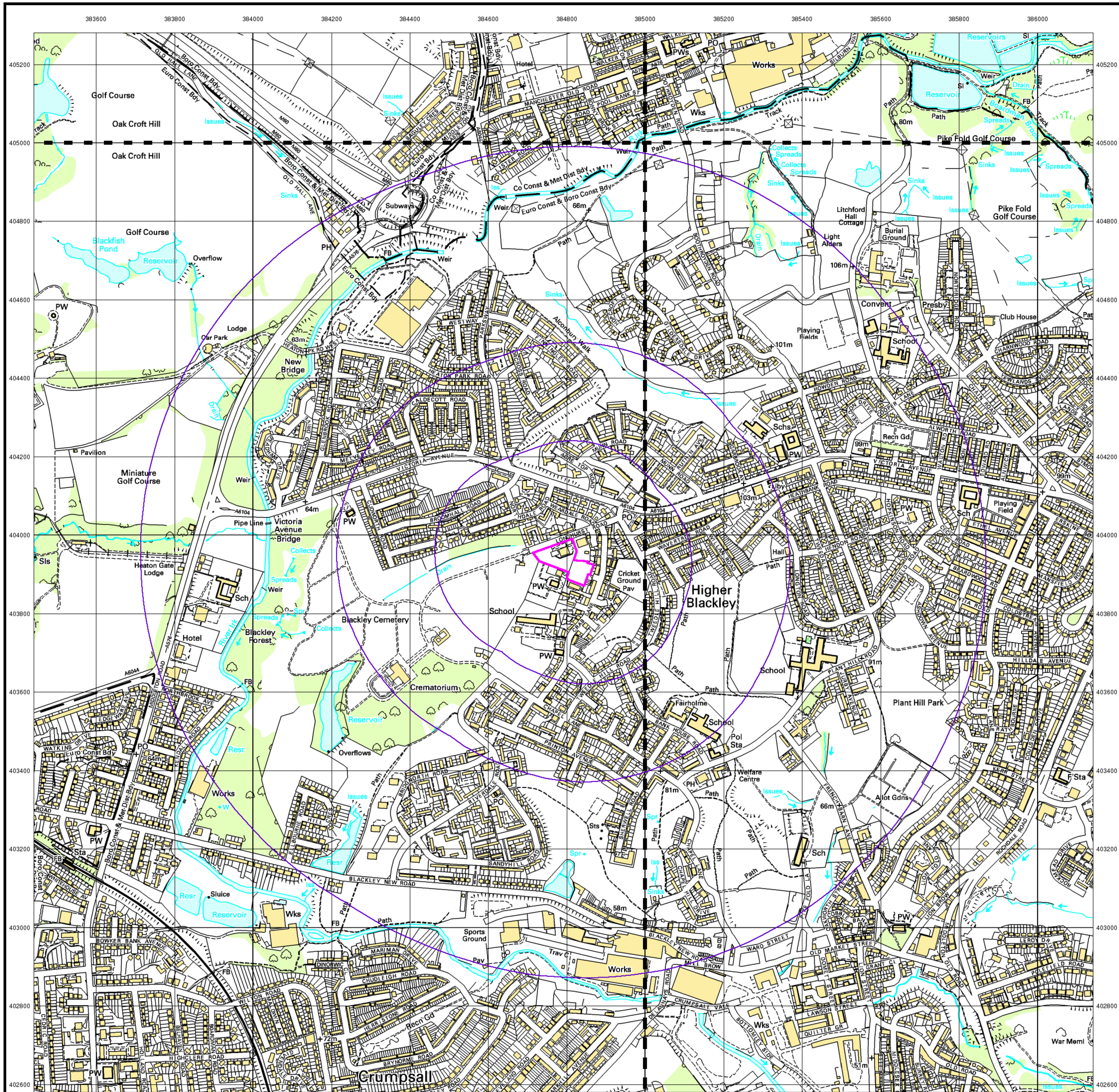
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Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

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10k Raster Mapping

Published 1999

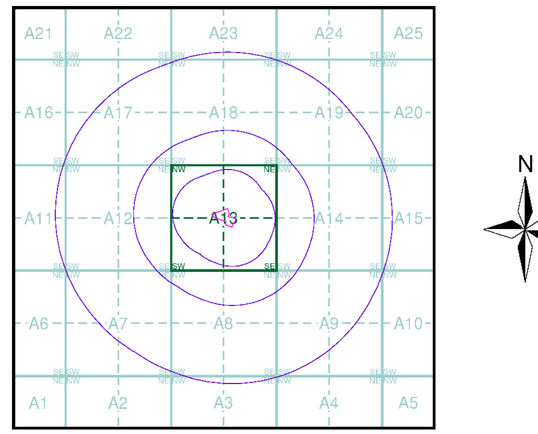
Source map scale - 1:10,000

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)

SD80NW 1999 1:10,000	SD80NE 1999 1:10,000
SD80SW 1999 1:10,000	SD80SE 1999 1:10,000

Historical Map - Slice A



Order Details

Order Number: 273937983_1_1
Customer Ref: EBMA2711
National Grid Reference: 384800, 403930
Slice: A
Site Area (Ha): 0.82
Search Buffer (m): 1000

Site Details

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10k Raster Mapping

Published 2006

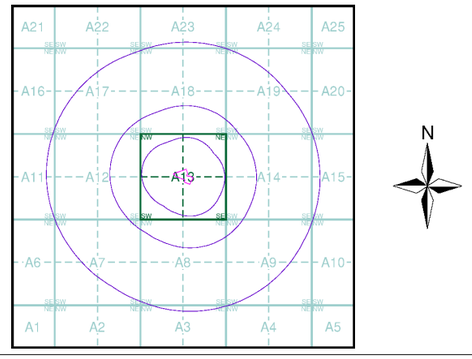
Source map scale - 1:10,000

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)

SD80NW 2006 1:10,000	SD80NE 2006 1:10,000
SD80SW 2006 1:10,000	SD80SE 2006 1:10,000

Historical Map - Slice A



Order Details

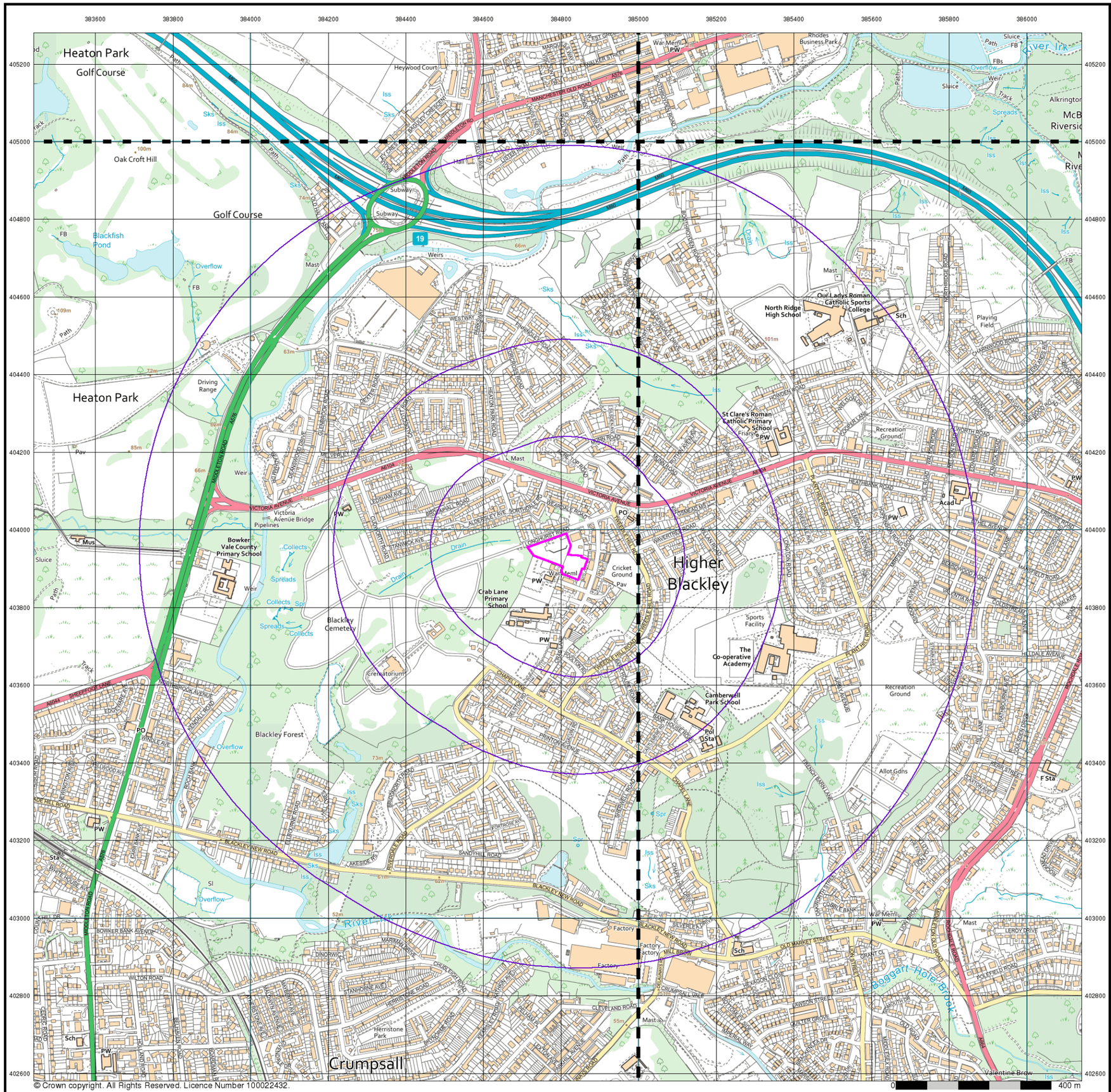
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Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

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VectorMap Local

Published 2020

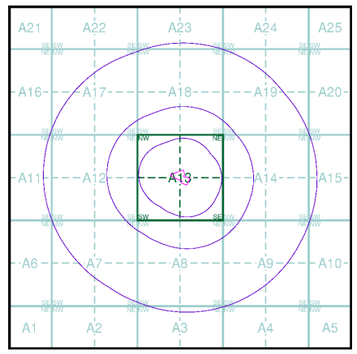
Source map scale - 1:10,000

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)

SD80NW 2020 Variable	SD80NE 2020 Variable
SD80SW 2020 Variable	SD80SE 2020 Variable

Historical Map - Slice A



Order Details

Order Number:	273937983_1_1
Customer Ref:	EBMA2711
National Grid Reference:	384800, 403930
Slice:	A
Site Area (Ha):	0.82
Search Buffer (m):	1000

Site Details

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Appendix C Qualitative Risk Assessment Rationale

The site-specific risk assessment, presented in this report, follows the principle of establishing whether there is a viable linkage between a contaminant source to a potential receptor, via an exposure pathway.

The risk assessment corresponds with the total site area and incorporates both descriptive (qualitative) and, where available, numerical (quantitative) lines of evidence.

Risk assessment is the process of collating known information on a hazard or set of hazards to estimate actual or potential risk to receptors. The receptor may be humans, a water resource, a sensitive local ecosystem or future construction materials. Receptors can be connected to the source by one or several exposure pathways such as direct contact for example. Risks are generally managed by isolating the receptor or intercepting the exposure pathway or by isolating or removing the hazard.

Without the three essential components of a source, pathway and receptor there can be no risk. Therefore, the presence of contaminant source on a site does not necessarily mean there is a risk.

The risk assessment considers the likelihood of an event taking place (accounting for the presence of the source and receptor and the viability of the exposure pathway) in conjunction with the severity of the potential consequence (accounting for the potential severity of the hazard and the sensitivity of the receptor).

In the risk assessment, the consequence of the hazard has been classified as severe or medium or mild or minor and the probability (likelihood) of the circumstances occurring classified as high likelihood or likely or low likelihood or unlikely.

The consequences and probabilities are subsequently cross-correlated to give a qualitative estimation of the risk using Department of the Environment risk classifications as detailed in the table below and as referenced in CIRIA C552.

		Consequence			
		Severe	**Medium**	**Mild**	**Minor**
Probability (Likelihood)	**High Likelihood**	Very High Risk	High Risk	Moderate Risk	Moderate/Low Risk
	Likely	High Risk	Moderate Risk	Moderate/Low Risk	Low Risk
	Low Likelihood	Moderate Risk	Moderate/Low Risk	Low Risk	Very Low Risk
	Unlikely	Moderate/Low Risk	Low Risk	Very Low Risk	Very Low Risk

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In accordance with DoE guidance, the following categorisation of **consequence** has been developed.

Classification	Definition	Examples
Severe	Short-term (acute) risk to human health likely to result in "significant harm" as defined by the Environment Protection Act 1990, Part IIA. Short-term risk of pollution of sensitive water resource. Catastrophic damage to buildings/property. A short-term risk to an ecosystem or organisation forming part of such ecosystem.	High concentrations of cyanide on the surface of an informal recreation area. Major spillage of contaminants from site into controlled water. Explosion, causing building collapse (can also equate to a short-term human health risk if buildings are occupied).
Medium	Chronic damage to Human Health. Pollution of sensitive water resources. A significant change in an ecosystem or organism forming part of such ecosystem.	Concentration of a contaminant from site exceeds the generic or site-specific assessment criteria. Leaching of contaminants from a site to a Principal or Secondary A aquifer. Death of a species within a designated nature reserve. Lesser toxic and asphyxiate effects
Mild	Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services. Damage to sensitive buildings/structures/services or the environment.	Pollution of non-classified groundwater (inc. Secondary B aquifers). Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability).
Minor	Harm, although not necessarily significant harm, which may result in a financial loss or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing, etc). Easily repairable effects of damage to buildings, structures and services.	The presence of contaminants at such concentrations that protective equipment is required during site works. The loss of plants in a landscaping scheme. Discoloration of concrete.

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In accordance with DoE guidance, the following categorisation of **probability** has been developed.

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

In accordance with DoE guidance, the following categorisation of **risk** has been developed.

Classification	Definition
Very High Risk	There is a *high probability* that *severe harm* could arise to a designated receptor from an identified hazard at the site without appropriate further action.
High Risk	*Harm* is *likely to arise* to a designated receptor from an identified hazard at the site without appropriate further action.
Moderate Risk	*It is possible* that without appropriate further action *harm could arise* to a designated receptor. It is relatively *unlikely* that any such harm would be *severe,* and if any harm were to occur it is *more likely* that such harm would be *relatively mild.*
Low Risk	*It is possible* that *harm could arise* to a designated receptor from an identified hazard. It is *likely* that, at worst, if any harm was realised any effects would be *mild.*
Very Low Risk	The presence of an identified hazard does not give rise to the potential to cause harm to a designated receptor.

The term ‘risk’ in this instance refers to the risk that the source, pathway, receptor linkage for a given source of contamination is complete. It does not refer to immediate risk to individuals or features present on the site from potential contaminants and is intended to be used as a tool to assess the necessity of further investigation.

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