



**PHASE I DESKTOP STUDY AND
PRELIMINARY RISK ASSESSMENT
REPORT**

AT

**OUR LADY'S RC HIGH SCHOOL,
ALWORTH ROAD, MANCHESTER**

FOR

OUR LADY'S RC HIGH SCHOOL

Report Reference: 4465-23 PI

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LIST OF ACRONYMS

Acronym	Meaning
BGS	British Geological Survey
BH	Borehole
CDM	Construction Design and Management
CL:AIRE	Contaminated Land: Applications In Real Environments
CLR	Contaminated Land Report
COSHH	Control Of Substances Hazardous to Health
CSM	Conceptual Site Model
DCP	Dynamic Cone Penetrometer
DEFRA	Department for Environment Foods and Rural Affairs
DoE	Department of Environment
DP	Dynamic Probe
DWS	Drinking Water Standard
EA	Environment Agency
EQS	Environmental Quality Standard
GAC	Generic Acceptance Criteria
HA	Hand Auger
HP	Hand Pit
LPA	Local Planning Authority
LQM	Land Quality Management
mbgl	Metres Below Ground Level
MP	Mackintosh Probe
NGR	National Grid Reference
NPPF	National Planning Policy Framework
OS	Ordnance Survey
SGV	Soil Guideline Value
SPOSH	Significant Possibility of Significant Harm
SPZ	Source Protection Zone
SSSI	Site of Special Scientific Interest
SSV	Soil Screening Value
TP	Trial Pit
TT	Trial Trench
WS	Windowless Sample / Window Sample
WSV	Water Screening Value

1. INTRODUCTION

1.1 BACKGROUND AND INSTRUCTION

GeoEnviro Solutions Limited (GES) were instructed by Our Lady's RC High School (the Client) to produce a Phase I: Desktop Study and Preliminary Risk Assessment Report for the site located at Our Lady's RC High School, Alworth Road, Manchester, M9 0RP.

A site location plan is presented as Drawing 4465-23/01 in **Appendix 1**.

This report is written in accordance with the guidance set out in Land Contamination Risk Management (LCRM), Guiding Principles for Land Contamination (GPLC) 1 – 3, and the National Planning Policy Framework (NPPF).

1.2 PROPOSED DEVELOPMENT

It is currently proposed to construct a new all-weather sports pitch.

A proposed development plan, as provided to GES, drawn by J English Ltd, referenced 369-Our Lady's RC High School and dated November 2023 is provided within **Appendix 1**.

This proposed development plan has been utilised in the preparation of this risk assessment, based upon a 'Public Open Space - Parks' end-use. If an alternative development is subsequently proposed this assessment may need revising and should not be relied upon in its present outcome.

1.3 OBJECTIVES

The objectives of this Phase I report are to:

- To gain an understanding of any concerns of the regulatory authorities (Local Authority Planning, Building Control and Environmental Health departments and the Environment Agency) regarding local land filling, flooding, mining, quarrying and other concerns.
- Establish the environmental setting, including sensitivity in relation to human health, surface water, groundwater, and ecological receptors.
- Review historical and recent uses to assess the potential for contamination to be present from past and current land-use.
- Assess by qualitative means the potential nature and extent of contamination from those uses and the environmental risk and liabilities which may affect the site redevelopment.
- Identify the prevalent source-pathway-receptor linkages present on site by means of a Tier 1 contamination risk assessment which incorporates the formulation of a Conceptual Site Model.

1.4 INFORMATION SOURCES

During the production of this report the following primary information sources have been utilised:

- Envirocheck Report data obtained from Landmark Information Group Ltd.

- Historical Ordnance Survey mapping at scales ranging from 1:1,250 to 1:10,560, obtained from Groundsure.
- BGS Open Geoscience online geological mapping tool.
- OS Open Data online mapping tool.
- Coal Authority Online interactive map.
- Coal Mining Report.

1.5 PREVIOUS INVESTIGATIONS

GES have not been provided with any previous environmental and/or geotechnical investigation reports and are unaware that any have been carried out to date.

However, the following site investigation reports have previously been undertaken on the wider site:

A site investigation by Laing O'Rourke Northern Ltd, entitle Factual Report and Desk Study, referenced PH061161 and dated August 2006. Due to the age of this report, the data presented cannot be relied upon.

A site investigation was carried out on the adjacent parcel of land within the wider school boundary in respect of a new building, undertaken by WML Consulting entitled Geo-Environmental Investigation and Assessment referenced 9670G-WML-XX-ZZ RP-G-0002 and dated April 2001 on behalf of Possoni Architecture. It is unknown if letters of reliance exist for this report, as such, and as it relates to the adjacent parcel of land, limited reliance has been accredited to this report.

No CSM has been offered within the report but in offers the following assessments:

- Human Health – based on the chemical testing undertaken it was concluded that the site was unlikely to contain any significant and/or widespread contamination. As such, the risk to human health from the soils at the site were considered negligible with no specific environmental remediation required.
- Controlled Waters – Whilst leachate testing identified exceedances of Copper and Lead against DWS and Lead exceeded the EQS, which were attributed to localised ash and clinker within the soil matrix, the risks to controlled were considered low with no environmental remediation considered necessary.
- Hazardous Ground Gases (HGG) – There were no significant potential sources of HGG within influencing distance of the site and no organic soils encountered during the site investigation. However, elevated levels of both Methane and Carbon Dioxide were recorded in an earlier unidentified site investigation. As such ground gas monitoring was recommended with respect of the new building the site investigation was undertaken in preparation for.

A letter report prepared by Murrey Rix, referenced OPD/MRN4793/001 and dated October 2023 on behalf of Baxter Supplies Ltd in respect of WAC testing and Waste Coding was issued on one sample testing, which indicated that material tested was likely to be classified as Inert.

2. SITE LOCATION AND DESCRIPTION

2.1 SITE LOCATION

The site is located within the larger school site, at approximate National Grid Reference (NGR): 385350:404540 (centre of the site).

2.2 SITE DESCRIPTION

At this stage, a site reconnaissance has not been carried out; the site description has been taken in part from Google Earth and Google Street View imagery and photos provided by the Client at this stage.

A site reconnaissance visit may be undertaken during any subsequent site investigation and as such will be reported accordingly.

The site comprises an irregular shaped piece of land with an approximate area of 2.03 Ha.

The site is currently occupied by school playing fields.

The topography of the site is generally flat with a raised mound of spoil created from the construction of the adjacent new building along the western boundary of the playing fields.

An approximate distribution of the surface covering is given below in Table 2.1.

Table 2.1: Site Surface Covering

Type of Surface Cover	Distribution (%)
Soft Ground (grassed and landscaped areas)	100
Hardstanding	0
Roadways	0
Buildings	0
Water (ponds, streams)	0

The site is bounded by footpath to the west, the larger school complex to the south and east with open fields to the north.

Access to the site is via Alworth Road, through the school from the east.

A selection of client provided photographs from the site walkover are presented in [Appendix 2](#).

Surrounding Area

The current surrounding land use to the site is generally residential properties in all directions other than northwards, which is open, undeveloped land, with the M60 motorway beyond.

The topography of the surrounding area rises gently southwards.

3. ENVIRONMENTAL AND GEOLOGICAL SETTING

Information on the environmental and geological setting of the site is presented in a Envirocheck Report prepared for the site; a copy of this report is presented in **Appendix 3**.

3.1 SITE GEOLOGY

The site geology has been assessed by reference to information from British Geological Survey (BGS) mapping summarised in the Envirocheck data. Information from these sources referenced in this report has been predominantly limited to that identified within 50 m of the site (underlying geology) or 250 m of the site (structural features, borehole records), in order to focus on the information directly relevant to the site. Information from outside these radii will be referenced when deemed relevant.

Artificial / Made Ground

There are no records of artificial deposits underlying or within 250 m of the site.

Superficial Ground and Drift Deposits

The superficial ground deposits underlying the study site comprise of Till (Diamicton), generally described as *'Till is unsorted and unstratified drift, generally overconsolidated, deposited directly by and underneath a glacier without subsequent reworking by water from the glacier. It consists of a heterogenous mixture of clay, sand, gravel, and boulders varying widely in size and shape (diamicton)'* (BGS Lexicon Description).

Bedrock Geology

Underlying the superficial deposits is bedrock comprises of Manchester Marl Formation, generally described as *'Red marl (calcareous mudstone and siltstone) with thin beds of fossiliferous marine limestone and dolomite; locally green; sandy in places especially in top part; local breccias and pebbly beds'* (BGS Lexicon Description).

Landslips

There are no records within 250 m.

Linear Features

There are no records of linear features directly under the site. However, the nearest recorded feature is located approximately 165 m northeast of the site running northwest to southeast.

Natural Ground Subsidence

The following hazard ratings applicable to the site and land within 50 m are presented in the Envirocheck Report:

- | | |
|--|------------|
| • Collapsible deposits: | Very low. |
| • Compressible deposits: | No hazard. |
| • Ground dissolution of soluble rocks: | no hazard. |
| • Landslides: | Very low. |
| • Running sands: | Very low. |
| • Shrink / swell clays: | Very low. |

3.2 BOREHOLE RECORDS

There are no BGS boreholes recorded within 50 m of the site.

3.3 HYDROGEOLOGY

These records are derived by Landmark from EA and BGS data. Details of the source and coverage of specific records are provided in the Envirocheck Report. Information from these sources referenced in this report have been predominantly limited to those identified within 250 m of the site (or 1000 m of the site for abstractions), in order to focus on the information directly relevant to the site. Information from outside these radii will be referenced when deemed relevant.

The EA aquifer designations used within the following sections are summarised in Table 3.1, below.

Table 3.1: Aquifer Designations

Definition	Description
Principal Aquifer	Layers with high intergranular and/or secondary permeability capable of supporting water supplies at strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as Major Aquifers.
Secondary (A) Aquifer	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as Minor Aquifers.
Secondary (B) Aquifer	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water bearing parts of former non-Aquifers.
Secondary Undifferentiated Aquifer	Layers that cannot be attributed to a category A or B rock type. These layers could have previously been described as a minor or a non-aquifer due to their variable characteristics.
Unproductive strata	Rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.

Aquifer within Superficial Deposits

As a consequence of the superficial geology underlying the site the aquifer is designated as a Secondary Undifferentiated Aquifer.

Aquifer within Bedrock Geology

As a result of the bedrock geology underlying the site the aquifer is designated as a Secondary B Aquifer.

Groundwater Vulnerability

The site is recorded to be located within an area where the EA considers the groundwater to have a low vulnerability to mobile pollutants, as summarised in Table 3.2 below.

Table 3.2: Groundwater Vulnerability Definitions

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

Groundwater Abstraction Licences

There is one licenced groundwater abstraction point within 500 m of the site. This is located approximately 479 m to the direction northwest for dust suppression. There are a further two licensed groundwater abstraction points between 500 and 1000 m of the site for purpose dust suppression (expired) and manufacturing (revoked).

Potable Water Abstraction Licences

There are no potable abstractions within 500 m of the site.

Source Protection Zones

There are no Source Protection Zones (SPZ) within 500 m of the site.

3.4 HYDROLOGY

These records are derived by Landmark from EA and BGS data. Details of the source and coverage of specific records are provided in the Envirocheck Report. Information from these sources referenced in this report have been predominantly limited to that identified within 250 m of the site (aquifers, surface water) or 1000 m of the site (abstractions), in order to focus on the information directly relevant to the site. Information from outside these radii will be referenced when deemed relevant.

Ordnance Survey Water Network

There are twelve records within 250 m, the closest of which is for an unnamed inland river located approximately 73 northeast of the site within the Mersey catchment area. The remaining entries are all for an unnamed inland river within the Mersey catchment area except for a single entry for a lake, located approximately 153 m northeast of the site.

Surface Water Features

There are no major surface water courses within 250 m of the site.

River Quality

The nearest river quality record station is located approximately 378 m north of the site, for the river Irk. A river quality rating of 'E' was attributed to this associated stretch of river in 2000.

Surface Water Abstraction Licences

There are no licensed surface water abstractions within 250 m of site.

Discharge Consents

There is one discharge consent with 250 m of the site, for the Discharge of Other Matter – Surface Water into the river Irk, which was revoked in 2020.

There are a further four consents between 250 m and 500m of the site, all in relation to the United Utilities site located approximately 476 m northwest of the site.

Groundwater Flooding

The site lies within an area where there is limited potential for groundwater flooding to occur.

Flooding from Rivers or Sea without Defences

The site does not lie within an area susceptible to flooding from rivers or sea without defences.

The site does not lie within an area benefiting from flood defences including flood water storage areas.

3.5 ENVIRONMENTALLY SENSITIVE AREAS

These records are derived by Landmark from EA, Natural England, Historic England, English Heritage, Forestry Commission and UK Government data. Details of the source and coverage of specific records are provided in the Envirocheck Report.

Information from these sources referenced in this report have been predominantly limited to that identified within 500 m of the site (environmental designations) or 250 m of the site (habitat, visual and cultural designations), in order to focus on the information directly relevant to the site. Information from outside these radii will be referenced when deemed relevant.

Sensitive Land Uses

The site lies within a Nitrate Vulnerable Zone in relation to the river Irk.

4. PAST LAND USE AND POTENTIAL CONTAMINANT SOURCES

Information on past land use and potential contaminant sources is presented in an Envirocheck Report prepared for the site; a copy of this report is reproduced in [Appendix 3](#).

4.1 LAND USE RECORDS

These records are derived by Landmark from historical mapping and each record corresponds to a particular map revision date. Thus, several records may refer to the same feature where it is present over time. Differences in distances quoted from the study site may be due to expansion of the feature over time or geolocation errors.

Information from these sources referenced in this report have been predominantly limited to that identified within 250 m of the site, in order to focus on the information directly relevant to the site. Information from outside this radius will be referenced when deemed relevant.

Contemporary Trade Directory

There are seven recorded historical industrial land uses on site. The closest is located approximately 173 m west of the site for commercial cleaning services. Of the remaining six, five are currently inactive, the only other active one is for an asphalt & coated macadam laying contractor, located approximately 180 m west of the site. Four of the inactive entries also refer to the same asphalt and coated macadam laying contractor, the last inactive entry within 250 m of the site is for horse boxes and transportation, located approximately 217 m northwest of the site.

There are further two entries between 250m and 500 m of the site with an additional 50 between 500 m and 2000m of the site.

There are likely to be duplicates of the same entry within these records.

Fuel Stations

There are no records of historical petrol stations within 500 m of the site.

Commercial Services

There is one record of commercial services land use within 500 m of the site, this entry is for a specialist mobile valeting service approximately 439 m to the southwest.

Education and Health

There are no records of commercial services land use within 500 m of the site.

Manufacturing and Production

There are no records of manufacturing services land uses within 500 m of the site.

Public Infrastructure

There are four records of public infrastructure land uses within 500 m of the site, the nearest is a burial ground located approximately 302 m to the northeast and the furthest is shown 487 m to the northwest of the site for a weir.

Recreational and Environmental

There is one record of recreational and environmental land uses within 500 m of the site, the entry is for a play area approximately 346 m to the northeast.

Underground Electricity Cables

There are no records of high voltage (HV) underground electricity cables within 500 m of the site.

Gas and / or Oil Pipelines

There are no records of medium- or high-pressure underground gas or oil supply pipelines within 500 m of the site.

4.2 ENVIRONMENTAL PERMITS, INCIDENTS AND REGISTERS

These records are derived by Landmark from Local Authority, Health and Safety Executive and EA data. Details of the source and coverage of specific records are provided in the Envirocheck Report. Information from these sources referenced in this report have been predominantly limited to that identified within 250 m of the site, in order to focus on the information directly relevant to the site. Information from outside this radius will be referenced when deemed relevant.

Sites Determined as Contaminated Land

There are no records of sites determined as contaminated land under Part 2A of the Environmental Protection Act 1990 within 1000 m of the site.

Control of Major Accident Hazards (COMAH)

There are no records within 1000 m of the site.

Regulated Explosive Sites

There are no records within 1000 m of the site.

Notification of Installations Handling Hazardous Substances (NIHHS)

There are no records within 1000 m of the site.

Planning Hazardous Substances Consents

There are no records within 1000 m of the site.

Planning Hazardous Substances Enforcements

There are no records within 1000 m of the site.

Prosecutions Relating to Controlled Waters

There are no records within 1000 m of the site.

Enforcement and Prohibition Notices

There are no records within 1000 m of the site.

Integrated Pollution Controls

There are no records within 1000 m of the site.

Integrated Pollution Prevention and Control

There are no records within 1000 m of the site.

Local Authority Pollution Preventions

There are no records within 500 m of the site.

Pollution Incidents to Controlled Water

There are no records within 250 m of the site.

Prosecutions Relating to Authorised Processes

There are no records within 1000 m of the site.

Substantiated Pollution Incident Register

There are no records within 500 m of the site.

Water Industry Act Referrals

There are no records within 1000 m of the site.

4.3 WASTE AND LANDFILL

These records are derived by Landmark from EA, BGS, Ordnance Survey (interpreted by Landmark) and Local Authority data. Details of the source and coverage of specific records are provided in the Envirocheck Report.

Information from these sources referenced in this report have been predominantly limited to that identified within 500 m of the site (landfills) or 250 m of the site (non-landfill waste operations), in order to focus on the information directly relevant to the site. Information from outside these radii will be referenced when deemed relevant.

BGS Recorded Landfill Sites

There are no records within 500 m of the site.

Historical Landfill Sites

There is an historical landfill site recorded approximately 180 m northwest of the site. This site was licenced to accept deposited waste including inert waste. However, no dates have been attributed to this entry.

IPC Registered Landfill Sites

There are no records within 1000 m of the site.

Licensed Waste Management Facilities

There are two entries within 500 m of the site, the closest located approximately 253 m northwest of the site registered for household, commercial and industrial waste, this licence has been closed. The second refers to a site located approximately 360 m northwest of the site, also for household, commercial and industrial waste, this licence has been surrendered.

Local Authority Landfill Records

There are two records within 500 m of the site. One is reported on site by Manchester City Council, but the data has been passed to the EA and was not available to Landmark. The second refers to a landfill site located approximately 456 m in an unspecified direction from the site as reported by Rochdale MBC, but there is no landfill data available.

Potentially Infilled Land

There is one record of infilled land within 250 m of the site, related to a non-water site approximately 75 m north of the site in respect of unknown filled ground (pit, quarry, etc.), recorded in 1990.

There are a further eight entries within 250 m of the site for water related infilled land. The nearest is located approximately 21 m southeast of the site for unknown filled ground (pond, marsh, river, stream, dock, etc) and was mapped in 1910. The remaining seven entries all have the same descriptors and range in date from 1848 to 1954.

Registered Landfill Sites

There are no records within 250 m of the site.

Registered Waste Transfer Sites

There are no records within 1000 m of the site.

Registered Waste Treatment or Disposal Sites

There are no records within 1000 m of the site.

4.4 MINING, GROUND WORKINGS AND NATURAL CAVITIES

These records are derived by from BGS, Ordnance Survey (interpreted by Landmark), Coal Authority, Peter Brett Associates, Johnson Poole and Bloomer, Cheshire Brine Subsidence Compensation Board, British Gypsum, Mining Searches UK, Kaolin and Ball Clay Association and local authority data. Details of the source and coverage of specific records are provided in the Envirocheck Report.

Information from these sources referenced in this report have been predominantly limited to that identified within 250 m of the site, in order to focus on the information directly relevant to the site. Information from outside these radii will be referenced when deemed relevant.

Cavities – Natural or Man-Made

There are no records within 1000 m of the site.

BGS Recorded Mineral Sites

There are no records within 250 m for brine extraction, gypsum, tin or clay mining.

Coal Mining

The site has been identified as lying within a coal mining area and as such a Coal Authority Consultants Report (CACR) has been order and is summarised below. The CACR is presented in [Appendix 5](#).

Past Underground Mining

The CACR states that there are no recorded workings within influencing distance of the site.

Probable Unrecorded Shallow Workings

The CACR states that there are no probable unrecorded workings within influencing distance of the site.

Spine Roadways at Shallow Depth

There are no records within 250 m of the site.

Mine Entries

There are no records within 100 m of the site.

Outcrops

There are no outcrops recorded.

Opencast Mines

There are no records within 500m of the site.

Coal Mining Subsidence

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

There is no current Stop Notice delaying the start of remedial works or repairs to the property. The CA is not aware of any request having been made to carry out preventative works before coal is worked under Section 33 of the Coal mining Subsidence Act 1991.

Mines Gas

There are no records within 500 m of the site.

Mine Water Treatment Schemes

There are no records within 500 m of the site.

Non-Coal Mining

There are no records within 250 m for brine extraction, gypsum, tin or clay mining.

4.5 RADON

These records are derived from the UK Health Security Agency. Information from these sources referenced in this report have been predominantly limited to that identified within a 1 km grid containing the site.

The study site is not located within a Radon Affected Area, as less than 1% of properties are above the Radon Action Level. No radon protection measures are required.

4.6 BACKGROUND SOIL CHEMISTRY

Values estimated by BGS for background concentrations of six potentially harmful elements are provided as follows:

- Arsenic: 15-25 mg/kg.
- Cadmium: <1.8 mg/kg.
- Chromium: 60-90 mg/kg.
- Lead: <100 mg/kg.
- Nickel: 15-30 mg/kg.

These values are not considered to be elevated with respect to guideline values for commercial end-uses.

5. HISTORICAL MAPPING STUDY

5.1 HISTORICAL MAPPING

The object of this search was to report on the evidence of site history and redevelopment of the site and its environs from available County Series and Ordnance Survey Maps at scales ranging from 1:1,250 to 1:10,560 dating from 1848 to the present day, and Getmapping PLC aerial photography dating from the 2000 to the recent past, as provided by Landmark.

Information in the historical mapping study has been predominantly limited to that identified on the site or within 100 m of the site, in order to focus on the information directly relevant to the site. Information from outside this radius will be referenced when deemed relevant.

Each map or photographs only represents a “snapshot” of the site and its environs at the date of the survey. Changes that had occurred at other times may not have been recorded on the maps and could represent an unidentified hazard to the site.

The information reported might not represent all pertinent information that could be obtained. The interpretation of the maps and/or other data commented on in this report is subjective.

The Historical Ordnance Survey Maps were obtained from Landmark and are available for review within [Appendix 4](#) and are summarised in Table 5.1 below.

Table 5.1: Historical Mapping Review

Date	Scale	On-Site	Offsite
1848	1:10,560	The site is encompassed by fields, with a track/road bisecting the site north and south approximately two thirds / one third of the total area.	The site is surrounded by open fields with occasional buildings.
1893	1:1,250	There are no significant variations from the last map.	There are no significant variations from the last map.
1894	1:10,560	There are no significant variations from the last map.	There are no significant variations from the last map.
1909	1:2,500	There are no significant variations from the last map.	There are no significant variations from the last map.
1910	1:10,560	There are no significant variations from the last map.	There are no significant variations from the last map.
1923	1:10,560	There are no significant variations from the last map.	There are no significant variations from the last map.
1932	1:2,500	There are no significant variations from the last map.	There are no significant variations from the last map.
1938	1:10,560	There are no significant variations from the last map.	Residential development has occurred to the south of the site.
1952	1:2,500	There are no significant variations from the last map.	There are no significant variations from the last map.
1955 - 56	1:10,000	There are no significant variations from the last map.	There are no significant variations from the last map.
1965 - 68	1:10,000	There are no significant variations from the last map.	There are no significant variations from the last map.
1974 - 76	1:1,250	The track/road bisecting the site now follows the northern boundary and the site is identified as being encompassed by a Playing Field.	There are no significant variations from the last map.

Date	Scale	On-Site	Offsite
1982 - 86	1:10,000	There are no significant variations from the last map.	There are no significant variations from the last map.
1989 - 90	1:1,250	There are no significant variations from the last map.	Residential development has taken place west of the site.
1992	1:1,250	There are no significant variations from the last map.	There are no significant variations from the last map.
1999	1:10,000	There are no significant variations from the last map.	There are no significant variations from the last map.
2006	1:10,000	There are no significant variations from the last map.	There are no significant variations from the last map.
2023	1:10,000	There are no significant variations from the last map.	The area immediate east of the site is occupied by school buildings.

5.2 AERIAL PHOTOGRAPHY

2000 Aerial Photo

The 2000 aerial photo shows the site and the wider area, south of the track as playing fields, due to the quality of the photo evidence of which is identifiable in the grass. The wider area is residential to the south and west, possible educational buildings to the east and open land to the north.

Recent Aerial Photograph:

Recent aerial photography (as viewed on Google Maps) shows no significant variation to the previous photo with the exception of a spoil mound and a small area of parking in the western extremity of the site.

The aerial photographs are included in the mapping history and are available for review within **Appendix 4**.

Additional areal photographs have been provided by the client dated 2009 and 2022. The 2009 photo shows the site stripped of topsoil and the adjacent school building as being present. The 2022 photo shows that the site has returned to grass and the stockpile and carp park are present at that date.

These photos are provided in **Appendix 2**.

5.3 SUMMARY

Review of available historical ordinance surveys maps indicated no discernible changes to the site area between the years 1848 and 2009, at which time it was encompassed by the adjacent new school.

6. FRAMEWORK FOR ASSESSMENT OF CONTAMINATION

Environmental risks are assessed within the risk management framework established in Part IIA of the Environmental Protection Act (EPA) 1990 introduced by Section 57 of the Environment Act 1995 which provides a statutory definition of contaminated land. To fall within this definition it is necessary that, as a result of the condition of the land, substances may be present on or under the land such that:

(a) Significant harm is being caused or there is a significant possibility of such harm being caused.

or

(b) Pollution of controlled water is being, or is likely to be, caused.

Risk from contamination is assessed by consideration of possible linkages between contaminant sources and potential receptors which could be harmed or polluted.

The key aspect of the framework is the development of a Conceptual Site Model (CSM) which illustrates the spatial interaction between the potential sources and receptors on site.

The information presented in this report was collated and evaluated to develop an initial CSM to assess ground contamination issues at the site.

For a risk of pollution or environmental harm to occur as a result of ground contamination, **all** of the following elements must be present:

- A source, i.e., a substance that is capable of causing pollution or harm.
- A receptor, i.e., something which could be adversely affected by the contaminant.
- A pathway, i.e., a route by which the contaminant can reach the receptor.

If one of these elements is absent there can be no significant risk. If all are present then the magnitude of the risk is a function of the magnitude and mobility of the source, the sensitivity of the receptor and the nature of the migration pathway.

Potential sources, pathways and receptors are identified in the sections below and the risks associated with possible pollutant linkages outlined.

6.1 SOURCES

On-Site Sources

The following possible on-site sources have been identified from the historical study and the Envirocheck data:

- Historical Made Ground from the stockpiling of material generated by the construction of the school.

The following contaminants are potentially associated with the on-site sources:

- Heavy Metals and Metalloids
- Inorganics
- PAH
- TPH
- Asbestos

Offsite Sources

The following off site sources have been identified from the historical study and the No off-site potential sources of contamination have been identified.

Information provided by Landmark indicates that there are nine areas within 250 m of the site where the potential for infilling is possible. These include former ponds, quarries, reservoirs or other features that may have been infilled within unknown materials. There is a record of an historical landfill located approximately 180 m northwest of the site, however, no dates have been attributed to this entry. There are no current landfills within 250 m of the site.

The historical mapping does not identify any significant areas of infilling.

6.2 PATHWAYS

For contaminants to reach potential receptors, there must be a viable **pathway** for the contaminant. Potential pathways that may affect the migration of contaminants are listed in Table 6.1, below.

Table 6.1: Pathways

Pathway	Medium	Properties
Direct Contact	Dust, solid and liquid phase	There may be direct contact with stockpiled spoil. There is a possibility of dust fumes being produced during earthworks in the construction phase. Dermal contact and ingestion of potentially contaminated soils during construction or operational phase of the site.
Leaching through Made Ground	Unsaturated flow	Potential for leaching and migration of potential contaminants along preferential flow paths in the ground.
Foundations and Underground Infrastructure and Obstructions	Preferential flow	No building construction is anticipated.
Migration of Ground Gas and Radon	Gaseous flow	No building construction is anticipated.

6.3 RECEPTORS

The site-specific **receptors** that could be potentially affected by the contamination hazards identified during this preliminary appraisal are summarised in Table 6.2, below:

Table 6.2: Receptors

Category	Receptor	Properties
Humans	End users (such as residents and visitors)	Potential contact with contaminated soils is likely limited given the recreational end use planned.
	Construction workers	Reworking of contaminant impacted materials in the stockpiled soil during construction works can expose workers to contamination.
Property	Materials and site structures	No building construction is anticipated.
Controlled Waters	Underlying superficial / bedrock Aquifer and surface water	The site is recorded as having a Secondary undifferentiated Aquifer within the superficial deposits and a Secondary (B) Aquifer within the bedrock underlying the site. However, the

Category	Receptor	Properties
		site has designated the local controlled waters as having a low vulnerability to mobile contaminants.
Plant (species and uptake) and Wildlife	Various	Attributes will be influenced by factors such as relative quality, scale, rarity and substitutability.

7. QUALITATIVE RISK ASSESSMENT

Potential pollutant linkages are identified using the source-pathway-receptor framework detailed above. An assessment of the potential significance of each linkage is then made by consideration of the likely magnitude and mobility of the source, the sensitivity of the receptor and nature of the migration/exposure pathways.

This qualitative risk assessment has been undertaken in accordance with Annex 4 of the National House Building Council/Environment Agency/Chartered Institute of Environmental Health R&D publication 66, Guidance for the Safe Development of Housing on Land Affected by Contamination (NHBC/EA/CIEH, 2008) which updates and supersedes CIRIA C552: Contaminated Land Risk Assessment, A Guide to Good Practice (Rudland et al., 2001).

A summary of the risk assessment protocols, and subsequent risk assessment matrix is provided in **Appendix 6**.

An assessment of the likelihood of the risk being realised and the magnitude of potential risk is presented below to give an estimation of the significance of each potential pollutant linkage identified. Where it is considered that there is no credible linkage, this is indicated in the table. In accordance with the R&D66 guidance, if there is no pollution linkage then there is no need to apply tests for probability and consequence.

The assessment is undertaken based on the current proposals for the site, at the time of issuing this report, which would be classed as a generic end land use of 'Public Open Space - Parks'. Any change in the development proposals for the site involving a change in end use class may result in a requirement for this assessment to be revised.

8. PRELIMINARY CONCEPTUAL SITE MODEL

Contaminant Source	Pathways	Receptor	Pollutant Linkage	Classification of Probability	Classification of Consequence	Level of Risk	Justification
On Site: Made Ground soils on site possibly containing elevated metals, other inorganics, organics such as TPH, PAH, and phenols.	Ingestion, dermal contact, inhalation of dusts/vapours	Future end users and site visitors	Considered potentially active	Likely	Minor	Low ●	A low risk rating has been assessed due to the presence of stockpiled material of an unknown exposure to contaminants.
		Construction Workers	Considered potentially active	Likely	Minor	Low ●	A low risk rating has been assessed due to the presence of stockpiled material of an unknown exposure to contaminants.
	Leaching through soils and migration via groundwater or soil pore moisture	Controlled Waters	Considered inactive	-	-	Very Low ●	The EA have classified the underlying controlled as having a low vulnerability to mobile contaminants.
	Permeation of water pipes	Construction materials, future end users and site visitors	Considered inactive	-	-	Very Low ●	No new potable water supply is expected.
	Uptake	Plant and Wildlife	Considered potentially active	Likely	Minor	Low ●	A low risk rating has been assessed due to the presence of stockpiled material of an unknown exposure to contaminants.
On Site: Asbestos at/near ground surface in Made Ground soils.	Inhalation of fibres in airborne dust	Future end users and site visitors	Considered potentially active	Likely	Minor	Low ●	A low risk rating has been assessed due to the presence of stockpiled material of an unknown exposure to contaminants.
		Construction Workers	Considered potentially active	Likely	Minor	Low ●	A low risk rating has been assessed due to the presence of stockpiled material of an unknown exposure to contaminants.

Contaminant Source	Pathways	Receptor	Pollutant Linkage	Classification of Probability	Classification of Consequence	Level of Risk	Justification
On Site: Ground Gases (CH ₄ , CO ₂ , CO, H ₂ S) from on-site Made Ground.	Gas migration and build up within buildings (explosion/asphyxiation risk)	Future end users and building structures.	Considered inactive	-	-	Very Low ●	The material is stockpiled above ground, if any HGG is produced, it will vent to atmosphere.
Off Site: Historical land uses and activities, Made Ground/infilled material possibly containing elevated metals, other inorganics, organics such as TPH, PAH, and phenols.	Leaching through soils and migration via groundwater or soil pore moisture	Future end users and site visitors	Considered inactive	-	-	Very Low ●	No off site sources have been identified.
	Ingestion, dermal contact, inhalation of dusts/vapours	Future end users and site visitors	Considered inactive	-	-	Very Low ●	No off site sources have been identified.
Off Site: Ground Gases (CH ₄ , CO ₂ , CO, H ₂ S) from off-site historical landfilling activities.	Gas migration and build up within buildings (explosion/asphyxiation risk)	Future end users and building structures.	Considered potentially active	Low Likelihood	Mild	Very Low ●	The development does not include the construction of any new buildings.

9. RECOMMENDATIONS

It is understood that the material stockpiled on site is to be re-used as a base for the new all-weather pitch. As the composition of this material is unproven it possesses a potential risk for the potential presence of contaminative material.

As such this material should be tested for contamination prior to its re-use.

9.1 PROPOSED SITE INVESTIGATION

Based on the information obtained for the formation of this report it is recommended that a suitable Phase II environmental site investigation is carried out at the site to establish the presence of any contamination within the stockpile and immediate environs only.

The intrusive investigation may reveal on-site sources of contamination that were not established by the Phase I Desk Study, thus requiring modification of the CSM.

The proposed scope of investigation is outlined below.

Scope of Proposed Investigation

A service search should be completed prior to any subsequent investigation to determine the service locations by lifting any manhole/drain covers; therefore, locations may be subject to change depending upon these results.

The site investigation should incorporate a series of trial pits which should be excavated across the stockpiled material to collect soil samples for chemical testing.

Testing Regime

The testing regime has been devised in accordance with BS10175:2017 Guidelines for the Code of Practice for Contaminated Land and CLR Report No. 4 Sampling Strategies. The objective at this stage of the report is to attempt to identify the extent of any possible contamination that may exist at the site by using intrusive soil sampling and testing techniques.

Laboratory Analysis

An appropriate and consistent analytical suite of contaminants should be applied to any soil samples retrieved from the site.

Based on the findings contained within this report, we would recommend that a comprehensive range of testing should be undertaken to comprise of heavy metals, metalloids, inorganics, speciated Total Petroleum Hydrocarbons (TPH CWG Aromatic/aliphatic split) and speciated Polycyclic Aromatic Hydrocarbons (PAH) including the more carcinogenic benzo(a)pyrene (BaP) and naphthalene, soil organic matter (SOM) content, pH and sulphates and Asbestos.

It should be noted that not all samples retrieved from the proposed investigative works will be laboratory analysed and a UKAS and MCERTS accredited laboratory testing organisation should carry out all analysis.

Guidance

The results from the proposed site investigation shall be compared against standards, such as the revised LQM/CIEH S4UL criteria¹ where available.

¹ Nathanail et al. (2015) The LQM/CIEH S4ULs for Human Health Risk Assessment. Land Quality Press, 2015. Copyright Land Quality Management Limited reproduced with permission; Publication Number S4UL3495

If groundwater is encountered, samples should be collected and subjected for laboratory and the results should be compared against the Drinking Water Standards (DWS) or Environmental Quality Standards (EQS) for the United Kingdom (UK).

9.2 CONSULTEEES

It is highly recommended that this report be forwarded to the relevant Local Authority Environmental Health and Planning Departments to seek their comments and subsequent approval, otherwise further works may be required.

9.3 FLOOD RISK ASSESSMENT

This report does not replace a full hydrogeological survey and specialist studies may need to be undertaken to ascertain the risks posed from flooding. Further details on site flood information can be found within the appendices.

9.4 COAL MINING RISK ASSESSMENT

Although a Coal Mining Report from the Coal Authority has been included with this report and has been commented on, this report does not constitute a full Coal Mining Risk Assessment (CMRA). If the impacts of historical coal mining are considered relevant a separate CMRA should be commissioned.

9.5 INVASIVE PLANT SURVEY

Any concerns relating to the possible presence of invasive plants should be undertaken by an appropriately qualified surveyor.

9.6 ASBESTOS SURVEY

Any concerns relating to the possible presence of Asbestos or Asbestos Containing Material (ACM) should be undertaken by an appropriately qualified surveyor.

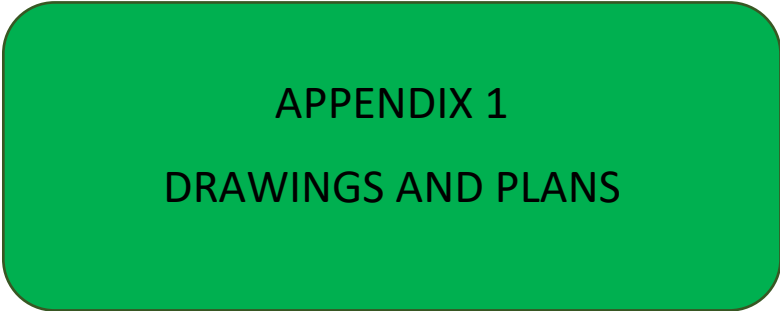
10. RELIANCE AND LIMITATIONS

This report has been prepared by GES with all reasonable skill, care and diligence. The work undertaken to provide the basis of this report comprised a study of available documented information from a variety of sources, together with a site walkover inspection of the site, if undertaken.

The opinions given in this report have been dictated by the finite data on which are they based and are relevant only to the purpose for which the report was commissioned.

Information reviewed should not be considered exhaustive and accepted in good faith as providing true and representative data with respect to site conditions. Should additional information become available which may influence the opinion expressed in this report, GES reserves the right to review such information and, if warranted, to alter the opinions accordingly.

It should be noted that any risks identified in this report are perceived risks based on the information reviewed; actual risks can only be assessed following a physical investigation of the site. This is an environmental Phase 1 report and does not consider the geotechnical implications for the site, its redevelopment and proposed future use. Further advice should be sought on geotechnical investigation requirements for the proposed development.

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APPENDIX 1

DRAWINGS AND PLANS



General
Site
Location



GeoEnviro Solutions Ltd
Unit 7 Springvale Works
Brighouse
West Yorkshire
HD6 2RA
Tel: 01484 986010
Email: info@geoenvirosolutions.com
Web: www.geoenvirosolutions.com



PROJECT NAME

Our Lady's RC High School

PROJECT NUMBER

4465-23

TITLE

Site Location Plan

DRAWING NO.

4465-23/01

SCALE

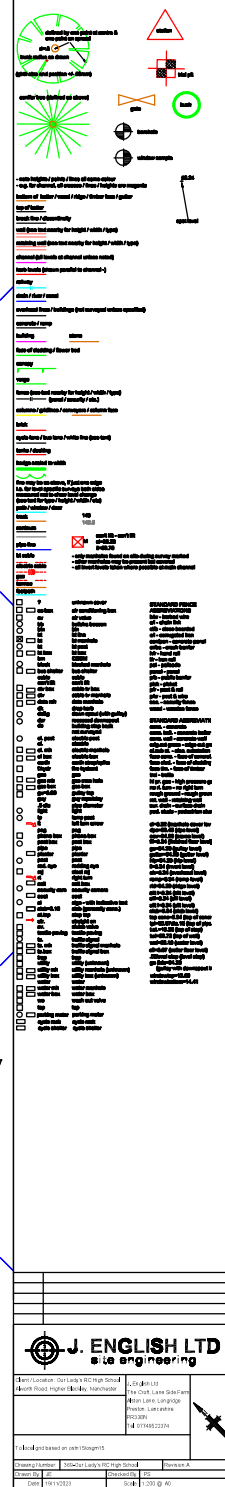
N.T.S

DATE

December 2023

DRAWN BY

ADD



A green rounded rectangle with a thin black border, centered on the page. It contains the text 'APPENDIX 2' and 'SITE PHOTOGRAPHS' in black, uppercase letters.

APPENDIX 2
SITE PHOTOGRAPHS

Site: Our Lady's RC High School
Client: Our Lady's RC High School
Job Reference: 4465-23



A.



B.



C.



D.



A. Material risen to the surface of the spoil mound

B. General photo of the mound viewed generally northwards

C. General photo of the mound viewed generally southwards

D. Close up of the mound interacting with the larger playing field

Site: Our Lady's RC High School
Client: Our Lady's RC High School
Job Reference: 4465-23



2022 Arial Photo



2009 Arial Photo



APPENDIX 3
ENVIROCHECK REPORT

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

327520044_1_1

Customer Reference:

4465-23

National Grid Reference:

385350, 404540

Slice:

A

Site Area (Ha):

2.03

Search Buffer (m):

1000

Site Details:

Our Lady's R C High School, Alworth Road
MANCHESTER
M9 0RP

Client Details:

Mr A Dickinson
GeoEnviro Solutions Ltd
Unit 7 Springvale Works
Brookfoot Lane
Brighouse
HD6 2RA

Prepared For:

Our Lady's RC High School

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	32
Hazardous Substances	-
Geological	41
Industrial Land Use	47
Sensitive Land Use	59
Data Currency	60
Data Suppliers	66
Useful Contacts	67

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		1	4	16
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 7				3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7		Yes		
Pollution Incidents to Controlled Waters	pg 8			6	36
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 15			1	
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 15				1
Water Abstractions	pg 15			1	2 (*19)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 20	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 20	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 20	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 21		12	9	74

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 32				1
Historical Landfill Sites	pg 32		1	2	6
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 34			1	
Licensed Waste Management Facilities (Locations)	pg 34			1	
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 34		1	4	17
Potentially Infilled Land (Water)	pg 35		8	17	51
Registered Landfill Sites	pg 39			2	1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 41	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 41	Yes	Yes		Yes
BGS Recorded Mineral Sites	pg 44			2	5
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 45	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 45	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 45	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 46	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 46	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 47		7	2	50
Fuel Station Entries	pg 52				3
Points of Interest - Commercial Services	pg 52			1	16
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 54				16
Points of Interest - Public Infrastructure	pg 55			4	25
Points of Interest - Recreational and Environmental	pg 57			1	7
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 59				1
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 59				1
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 59	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	385353 404537
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	23	1	385353 404650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	79	1	385250 404450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	220	1	385100 404400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	248	1	385000 404537
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	251	1	385000 404600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	262	1	385000 404650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	273	1	385000 404450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	318	1	385200 404900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	321	1	385100 404850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	341	1	385000 404800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	346	1	385050 404850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	373	1	385353 405000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	377	1	385000 404850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	379	1	384950 404800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	390	1	385250 405000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	408	1	385200 405000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	416	1	385000 404900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	423	1	385353 405050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	424	1	385350 405050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SW (N)	428	1	385300 405050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SW (NW)	432	1	385050 404950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17SE (NW)	448	1	384950 404900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	449	1	384900 404850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17SE (NW)	457	1	385000 404950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17SE (NW)	486	1	384950 404950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	493	1	385500 405100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17SE (NW)	500	1	385000 405000
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: Freshwater Stream/River Environment: Receiving Water: Uncontam Surface Water; Outfall To Watercourse; Licence Status: Revoked Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A13SW (S)	80	2	385300 404400
2	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: 2 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 8th January 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: 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	A17SE (NW)	474	2	384970 404950
2	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: 1 Effective Date: 20th July 2005 Issued Date: 20th July 2005 Revocation Date: 30th March 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: 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	A17SE (NW)	474	2	384970 404950

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: 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: Freshwater Stream/River Environment: Receiving Water: The River Irk Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	476	2	384977 404957
2	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: Freshwater Stream/River Environment: Receiving Water: River Irk Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	485	2	384980 404970
3	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: Freshwater Stream/River Environment: Receiving Water: River Irk Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	601	2	384730 404870
4	Discharge Consents Operator: Bernstein Group Plc Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Silburn Way Premises, Off Manchester Old Rd, Middleton, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016993118 Permit Version: 1 Effective Date: 23rd May 1996 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irk Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A18SE (N)	619	2	385600 405200

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 Main Outfall Cso Rhodes Business Park Silburn Way, Middleton, Rochdale, Greater Manchester, M24 4ne Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01ROC0167 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 25th June 1999 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irk Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A18NE (N)	636	2	385580 405225
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Middleton Main Outfall Cso Rhodes Business Park Silburn Way, Middleton, Rochdale, Greater Manchester, M24 4ne Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982643 Permit Version: 1 Effective Date: 28th November 1994 Issued Date: Not Supplied Revocation Date: 1st December 1998 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irk Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18NE (N)	641	2	385580 405230
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Middleton Main Outfall Cso Rhodes Business Park Silburn Way, Middleton, Rochdale, Greater Manchester, M24 4ne Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982643 Permit Version: 2 Effective Date: 2nd December 1998 Issued Date: 2nd December 1998 Revocation Date: 7th February 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: 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	A18NE (N)	673	2	385560 405270
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Middleton Main Outfall, Middleton, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982643 Permit Version: 3 Effective Date: 7th February 2020 Issued Date: 7th February 2020 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irk Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18NE (N)	678	2	385580 405270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: United Utilities Water Plc (?) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Middleton Main Outfall, Middleton, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982643 Permit Version: 2 Effective Date: 2nd December 1998 Issued Date: 2nd December 1998 Revocation Date: 7th February 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: 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	A18NE (N)	678	2	385580 405270
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Middleton Main Outfall Cso Rhodes Business Park Silburn Way, Middleton, Rochdale, Greater Manchester, M24 4ne Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982643 Permit Version: 3 Effective Date: 7th February 2020 Issued Date: 7th February 2020 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irk Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18NE (N)	680	2	385565 405276
5	Discharge Consents Operator: Littleborough Urban District Council Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Sandy Beach Reservoir, Rhodes, Middleton, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991145 Permit Version: 1 Effective Date: 1st July 1991 Issued Date: Not Supplied Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Irk Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	663	2	385700 405200
6	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: Freshwater Stream/River Environment: Receiving Water: River Irk Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A12NW (NW)	694	2	384620 404860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Middleton Main Outfall Cso Rhodes Business Park Silburn Way, Middleton, Rochdale, Greater Manchester, M24 4ne Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01ROC0173 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 10th May 2017 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Unknown Environment: Unknown Receiving Water: Unknown Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A18NE (N)	701	2	385560 405300
8	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: 3 Effective Date: 23rd March 2020 Issued Date: 23rd March 2020 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: River Irk Receiving Water: River Irk Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	795	2	384646 405085
9	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: Freshwater Stream/River Environment: River Irk 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)	827	2	384440 404740
9	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: Freshwater Stream/River Environment: River Irk Receiving Water: River Irk Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A12NW (W)	827	2	384440 404740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Rochdale Road, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0114 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 18th July 2014 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Boardman Brook Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A10NW (E)	996	2	386380 404170
10	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Rochdale Road, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0114 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: Freshwater Stream/River Environment: Receiving Water: Boardman Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A10NW (E)	996	2	386380 404170
11	Local Authority Pollution Prevention and Controls Name: Pearl Trading Ltd Location: 717 Manchester Old Road, Rhodes, Middleton, MANCHESTER, Lancashire, M24 4GF Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 111/10 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	657	3	384913 405131
12	Local Authority Pollution Prevention and Controls Name: Bernstein Group Plc Location: Manchester Old Road, MIDDLETON, Greater Manchester, M24 Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 52 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/2 Manufacture of timber and wood-based products Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	691	3	385393 405317
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	A7NE (SW)	709	4	384694 404120
	Nearest Surface Water Feature	A13NE (N)	73	-	385366 404699

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Booth Royden Road, MIDDLETON Authority: Environment Agency, North West Region Pollutant: Chemicals - Other Inorganic Note: Mercury Metal; Irk; Mercury Metal Incident Date: 13th October 1997 Incident Reference: 97611783 Catchment Area: Irk Receiving Water: Freshwater Stream/River Cause of Incident: Vandalism Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	449	2	385101 404996
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: River Irk Incident Date: 5th March 1992 Incident Reference: 92610366 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	A18SW (NW)	454	2	385101 405001
15	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: 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	A17SE (NW)	483	2	384900 404900
16	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: 12th June 1995 Incident Reference: 95611401 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	A18SW (NW)	494	2	385006 404996
16	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: Chemicals - Detergents/Surfactant Note: Wince Brook Incident Date: 6th December 1995 Incident Reference: 95612934 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	A17SE (NW)	496	2	385001 404996
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Other Note: Empty Paint Cans Incident Date: 24th October 1995 Incident Reference: 95612620 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	A18SW (NW)	498	2	385006 405001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	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: Chemicals - Detergents/Surfactant Note: Wince Brook Incident Date: 8th September 1995 Incident Reference: 95612277 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Treatment System Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	501	2	385001 405001
16	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: 6th June 1995 Incident Reference: 95611337 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	A18SW (NW)	502	2	385006 405006
17	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Irk; No Pollution Found Incident Date: 26th October 1995 Incident Reference: 95612634 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	A18SW (NW)	542	2	385100 405100
18	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	A17SE (NW)	559	2	384800 404900
19	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: Sewage Debris/Litter Note: River Irk Incident Date: 6th February 1995 Incident Reference: 95610239 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Inadequate Design/Capacity Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	589	2	385500 405200
20	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: 11th March 1992 Incident Reference: 92610410 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)	624	2	384801 405001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Not Given Note: River Irk Incident Date: 6th September 1993 Incident Reference: 93611724 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	A18NE (N)	682	2	385500 405295
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Not Given Note: River Irk Incident Date: 12th August 1993 Incident Reference: 93611588 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	A18NE (N)	687	2	385500 405300
22	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	A12NW (W)	689	2	384600 404800
23	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: Boardman Brook Incident Date: 23rd July 1991 Incident Reference: 91611139 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	A19SE (NE)	744	2	386100 404900
24	Pollution Incidents to Controlled Waters Property Type: Construction Location: Irk, Rhodes Lodges Authority: Environment Agency, North West Region Pollutant: Inert Note: Not Supplied Incident Date: 20th January 1999 Incident Reference: 752 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	A19NW (NE)	751	2	385700 405300
25	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	A12SW (W)	751	2	384500 404500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	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	A12NW (W)	760	2	384500 404700
27	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Tributary River Irk Incident Date: 17th July 1992 Incident Reference: 92611307 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	A17NE (NW)	766	2	385001 405301
28	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	A12NW (W)	778	2	384505 404795
28	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	A12NW (W)	779	2	384505 404800
28	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	A12NW (W)	783	2	384500 404795
28	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	A12NW (W)	784	2	384500 404800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	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: Storm Sewage Note: Boardman Brook; Sewerage Incident Date: 1st February 1995 Incident Reference: 95610198 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Inadequate Design/Capacity Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	784	2	386200 404700
30	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: Chemicals - Detergents/Surfactant Note: River Irk Incident Date: 7th November 1992 Incident Reference: 92611928 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	A19NW (NE)	800	2	385800 405300
31	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	A12NW (W)	844	2	384405 404595
31	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	A12NW (W)	849	2	384400 404600
32	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Middleton, MANCHESTER Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: Foam Robert Mcbrides Incident Date: 2nd February 1998 Incident Reference: SO980221 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)	865	2	384501 405001
33	Pollution Incidents to Controlled Waters Property Type: Office Location: Boardman Brook, MIDDLETON Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Thick Brown Muck From Metres Way Incident Date: 21st July 1998 Incident Reference: SO981307 Catchment Area: Irk Receiving Water: Freshwater Stream/River Cause of Incident: Land Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	883	2	386300 404700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; Chlorine Gas Incident Date: 15th August 1996 Incident Reference: 96611806 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	A18NE (N)	884	2	385500 405500
35	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; None Pollution Found Incident Date: 28th August 1996 Incident Reference: 96611924 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	A19SE (NE)	909	2	386100 405200
36	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: Sewage Debris/Litter Note: River Irk Incident Date: 3rd February 1995 Incident Reference: 95610216 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: High Flow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	909	2	386000 405295
36	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: River Irk Incident Date: 29th August 1995 Incident Reference: 95612207 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	A19NW (NE)	913	2	386000 405300
37	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: Tributary Rhodes Lodge Incident Date: 15th October 1992 Incident Reference: 92611848 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	A19NW (N)	935	2	385700 405500
38	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	A11NE (W)	949	2	384300 404600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	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	A11SE (W)	951	2	384300 404500
39	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	A11SE (W)	951	2	384300 404495
40	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	A11NE (W)	958	2	384300 404700
41	Pollution Incidents to Controlled Waters Property Type: Water Treatment & Distribution: Other Location: Boardman Brook, Near Manchester New Road, MIDDLETON, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Inert : Clays Note: Not Supplied Incident Date: 5th October 1999 Incident Reference: 33017 Catchment Area: Irk Receiving Water: River Stretch (Freshwater) Cause of Incident: Drainage Failures : Highway Drainage Run-Off Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15SW (E)	971	2	386400 404400
42	Pollution Incidents to Controlled Waters Property Type: Office Location: Silt In Boardman Brook Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Not Supplied Incident Date: 9th September 1998 Incident Reference: SO981700 Catchment Area: Irk Receiving Water: Freshwater Stream/River Cause of Incident: Land Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15NW (E)	972	2	386400 404600
42	Pollution Incidents to Controlled Waters Property Type: Office Location: Silt In Boardman Brook Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Not Supplied Incident Date: 1st September 1998 Incident Reference: SO981702 Catchment Area: Irk Receiving Water: Freshwater Stream/River Cause of Incident: Land Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15NW (E)	972	2	386400 404595

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A18SW (N)	378	2	385295 404999
43	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 9th August 2008 Incident Reference: 612193 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Organic Chemicals/Products: Surfactants And Detergents	A18NE (N)	758	2	385480 405376
44	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	A17SE (NW)	479	2	384900 404895
45	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	A17SE (NW)	507	2	384996 405006
46	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	A12NW (W)	849	2	384400 404595

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: The New North Manchester Golf Club Ltd Licence Number: 2569005055 Permit Version: 101 Location: Reservoir Fed By Surface Drainage At North Manchester Golf C Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Manchester Golf Course Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SW (NE)	1199	2	385900 405700
	Water Abstractions Operator: North Manchester Golf Club Licence Number: 2569005055 Permit Version: 100 Location: Reservoir Fed By Surface Drainage At North Manchester Golf Club Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 45 Yearly Rate (m3): 2273 Details: North Manchester Golf Course Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 21st February 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SW (NE)	1199	2	385900 405700
	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	A11NW (W)	1454	2	383800 404700
	Water Abstractions Operator: Robert McBride Ltd Licence Number: 2569005035 Permit Version: 100 Location: Reservoir Fed By Surface Drainage At Middleton, Manchester(T Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1091 Yearly Rate (m3): 288671 Details: Premises At Cheetham Street Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25SW (NE)	1549	2	386600 405600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Robert McBride Ltd Licence Number: 2569005035 Permit Version: 100 Location: Reservoir Fed By Surface Drainage At Middleton, Manchester(T 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: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Cheetham Street Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SW (NE)	1549	2	386600 405600
	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	A2SE (S)	1565	2	384890 402950
	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	A2SE (S)	1565	2	384890 402950
	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	A2SE (S)	1565	2	384890 402950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A2SE (S)	1565	2	384890 402950
	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	A2SE (S)	1565	2	384890 402950
	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	A2SE (S)	1582	2	385001 402901
	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	A2SW (SW)	1636	2	384610 402990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A2SW (SW)	1636	2	384610 402990
	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	A2SW (SW)	1636	2	384610 402990
	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	A2SW (SW)	1636	2	384610 402990
	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	A2SW (SW)	1636	2	384610 402990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Robert McBride Limited; Middleton Licence Number: 2569005003 Permit Version: Not Supplied Location: Borehole, Leater Street, Middleton, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 109 Yearly Rate (m3): 27276 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	A25SE (NE)	1703	2	386800 405595
	Water Abstractions Operator: B M Coatings Limited Licence Number: 2569005009 Permit Version: Not Supplied Location: Wince Brook At Premises, Tonge Mill, Oldham Road, MIDDLETON Authority: Environment Agency, North West Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 14 Yearly Rate (m3): 655 Details: Licence Status: Lapsed 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	A25SE (NE)	1873	2	387005 405595
	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	(W)	1933	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: >90% Patchiness: Superficial Thickness: >10m Superficial Recharge: High	A13NE (NW)	0	5	385353 404537
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A13NE (NW)	0	5	385353 404537
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (NW)	0	5	385353 404537

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				
47	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	A13NE (N)	73	6	385366 404699
48	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	A13NW (N)	108	6	385284 404707
49	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	A13NW (N)	112	6	385284 404711
50	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	A13NW (N)	153	6	385308 404770
51	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	A13NW (NW)	163	6	385259 404755
52	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	A13NW (N)	165	6	385270 404764
53	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	A13NW (N)	165	6	385304 404781

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	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	A13NW (N)	183	6	385279 404790
55	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	A13NW (N)	183	6	385285 404792
56	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	A13NW (N)	185	6	385280 404792
57	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	A13SW (SW)	193	6	385191 404347
58	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	A13NW (N)	212	6	385277 404820
59	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	A13NW (N)	262	6	385262 404868
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	318	6	385649 404817
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	333	6	385669 404818
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	336	6	385663 404827

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	400	6	385708 404873
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 207.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	409	6	385697 404896
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 583.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A18SW (N)	456	6	385222 405060
66	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	A18SW (N)	456	6	385222 405060
67	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	A12NE (W)	482	6	384768 404602
68	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	A12NE (W)	526	6	384753 404743
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	A12NE (W)	532	6	384756 404767
70	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	A12NE (W)	590	6	384674 404701
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	606	6	385882 404989

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	607	6	385882 404991
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 137.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	607	6	385882 404991
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	620	6	385908 404979
75	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	A19SW (NE)	621	6	385907 404982
76	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 90.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	628	6	385761 405122
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	656	6	385974 404948
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	667	6	386073 404739
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 185.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A19NW (NE)	672	6	385691 405216
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	672	6	385691 405216

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	674	6	385988 404961
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	677	6	385991 404962
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	678	6	386006 404939
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	687	6	385851 405130
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	698	6	386020 404953
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	699	6	385874 405127
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (NE)	700	6	386067 404868
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	700	6	385865 405135
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	701	6	385866 405135

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	703	6	385862 405141
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.1 Watercourse Level: Underground Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	705	6	385890 405121
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	705	6	386101 404785
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	707	6	385898 405117
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	707	6	385859 405149
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A19SW (NE)	711	6	385861 405152
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (NE)	713	6	386084 404861
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 150.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	725	6	385942 405100
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A19SE (NE)	746	6	386047 405001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 179.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A19SE (NE)	747	6	386053 404994
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	751	6	385940 405138
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	757	6	385914 405169
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 277.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A19SW (NE)	757	6	385914 405169
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A14NE (E)	761	6	386138 404851
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A14NE (E)	761	6	386138 404851
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	785	6	385990 405135
106	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	A14NE (E)	798	6	386219 404664
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A14NE (E)	824	6	386229 404765

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	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	A7NE (SW)	825	6	384672 403973
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	827	6	386230 404771
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 160.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	830	6	385734 405371
111	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	A14NE (E)	838	6	386257 404683
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	842	6	386259 404693
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	842	6	386259 404693
114	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	A7NW (SW)	846	6	384645 403971
115	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	A12NW (W)	849	6	384415 404725
116	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	A12NW (W)	849	6	384415 404725

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	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	A7NW (SW)	850	6	384639 403970
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 165.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A14NE (E)	855	6	386271 404701
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	873	6	386275 404790
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 179.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	875	6	386275 404790
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	931	6	386353 404339
122	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	A3NE (S)	947	6	385458 403496
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 695.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A15SW (E)	950	6	386375 404361
124	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	A15SW (E)	950	6	386375 404361
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A15SW (E)	956	6	386382 404368

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 136.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A15SW (E)	956	6	386382 404368
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	957	6	386312 404947
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NE (NE)	964	6	386134 405243
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 681.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irk Catchment Name: Mersey Primacy: 1	A19NE (NE)	964	6	386134 405243
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 214.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Boardman Brook Catchment Name: Mersey Primacy: 1	A15NW (E)	965	6	386390 404627
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A15NW (E)	965	6	386390 404627
132	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	A11NE (W)	965	6	384289 404673
133	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	A11NE (W)	965	6	384289 404673
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A15NW (E)	988	6	386411 404650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 115.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	989	6	384722 405403
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	989	6	385796 405518
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	992	6	384730 405411
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NW (NW)	993	6	384639 405350
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 197.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	994	6	384733 405416
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	996	6	385799 405523
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 282.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	996	6	384486 405207

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
142	BGS Recorded Landfill Sites Site Name: Manchester Old Road Location: MIDDLETON, Gt Manchester Authority: British Geological Survey, National Geoscience Information Service Ground Water: No threat to ground water Surface Water: No threat to surface water Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A19NE (NE)	916	-	386063 405248
143	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: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F047	A13NW (NW)	180	2	385230 404759
144	Historical Landfill Sites Licence Holder: The Director Dept Of Transport North West Construction Programme Division Location: Boothroyden Road,,Manchester, Name: Boothroyd Terrace Operator Location: Room D4,Broadway, Broad Street,,Birmingham,West Midlands Boundary Accuracy: As Supplied Provider Reference: EAHLD36103 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial, Commercial and Household Waste Type: EA Waste Ref: 53662 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A13NW (NW)	253	2	385109 404777
145	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: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F002	A8NW (S)	438	2	385313 404005
146	Historical Landfill Sites Licence Holder: Not Supplied Location: Symond Raod, Blackley, Manchester, Greater Manchester Name: Land to the rear of Symond Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16236 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F026	A14SW (E)	585	2	386007 404369

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	Historical Landfill Sites Licence Holder: Not Supplied Location: Manchester Old Road, Middleton, Manchester, Greater Manchester Name: Former Reservoir Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16143 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: D098	A18NE (NE)	677	2	385664 405235
148	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: Deposited Waste included Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: RD/LIC/133/77/P2,D065	A12NW (W)	689	2	384589 404767
149	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: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9032 BGS Ref: Not Supplied Other Ref: F034, RD/LIC/133/77	A12NW (W)	707	2	384549 404668
150	Historical Landfill Sites Licence Holder: Rochdale Metropolitan Borough Council Location: Manchester Old Road, Middleton, Manchester, Greater Manchester Name: Land off Manchester Old Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16124 First Input Date: 31st December 1967 Last Input Date: 9th September 1974 Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste, and Liquid Sludge Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9655 BGS Ref: 2596 Other Ref: D055	A19NE (NE)	916	2	386063 405248
151	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: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F043	A3NE (S)	937	2	385341 403502

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
152	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	A13NW (NW)	253	2	385110 404777
153	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	A12NE (NW)	360	2	384940 404751
	Local Authority Landfill Coverage Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency		0	7	385353 404537
	Local Authority Landfill Coverage Name: Rochdale Metropolitan Borough Council - Has no landfill data to supply		456	3	385230 405063
	Local Authority Landfill Coverage Name: Bury Metropolitan Borough Council - Has not been able to supply Landfill data		827	8	384566 405034
154	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A13NE (N)	75	-	385345 404699
155	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A18SW (N)	329	-	385234 404929
156	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A18SW (N)	398	-	385196 404988
157	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A8NE (SE)	409	-	385590 404093
158	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A18SE (NE)	499	-	385597 405069
159	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A8NE (S)	520	-	385342 403920
160	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A18NE (N)	616	-	385513 405224
161	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A12SW (W)	620	-	384648 404409

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
162	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A19SW (NE)	669	-	385881 405080
163	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A19SE (NE)	705	-	386020 404968
164	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A9NE (SE)	718	-	386093 404192
165	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A7NW (SW)	720	-	384660 404147
166	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A12NW (W)	788	-	384487 404769
167	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A14NE (E)	792	-	386216 404631
168	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A19NE (NE)	944	-	386082 405268
169	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A17NW (NW)	951	-	384661 405315
170	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A17SW (W)	960	-	384362 404933
171	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A17SW (NW)	962	-	384381 404981
172	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A9NE (SE)	970	-	386225 403916
173	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A3NE (S)	970	-	385624 403503
174	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A9SW (S)	977	-	385750 403539
175	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A7SW (SW)	999	-	384598 403802
176	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13SE (SE)	21	-	385403 404434
177	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13SE (SE)	85	-	385505 404432
178	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13NW (NW)	114	-	385190 404664

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
179	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13SE (SE)	145	-	385504 404348
180	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NE (E)	157	-	385581 404598
181	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13SE (S)	190	-	385388 404250
182	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13SE (SE)	238	-	385591 404297
183	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	240	-	385213 404256
184	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (E)	252	-	385684 404515
185	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (S)	268	-	385366 404171
186	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13SE (SE)	285	-	385546 404212
187	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SW (SW)	288	-	385095 404311
188	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8NE (S)	312	-	385443 404136
189	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A14NW (NE)	321	-	385706 404744
190	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A14NW (E)	357	-	385768 404684
191	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A14SW (SE)	366	-	385679 404204
192	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (W)	367	-	384905 404437
193	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14NW (E)	370	-	385783 404676
194	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12SE (W)	391	-	384862 404505
195	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (SE)	391	-	385726 404216
196	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NW (S)	445	-	385227 404018
197	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14SW (E)	454	-	385885 404454
198	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (NW)	462	-	384891 404860
199	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A18SW (N)	477	-	385240 405088

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
200	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8NW (S)	490	-	385236 403968
201	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8NE (S)	502	-	385514 403958
202	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (W)	522	-	384766 404364
203	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8NW (S)	549	-	385336 403891
204	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A9NW (SE)	554	-	385799 404059
205	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	556	-	385285 405177
206	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14SW (E)	561	-	385991 404429
207	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	563	-	385295 405185
208	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14SW (SE)	573	-	385962 404258
209	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NW (S)	581	-	385189 403888
210	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A19SW (NE)	582	-	385861 404976
211	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (NW)	584	-	384717 404808
212	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A9NW (SE)	593	-	385856 404059
213	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8SW (S)	612	-	385308 403830
214	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	643	-	385436 405266
215	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A9NW (SE)	646	-	385685 403875
216	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A9SW (SE)	679	-	385686 403838
217	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	692	-	386086 404791
218	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8SW (S)	694	-	385114 403794
219	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A19SW (NE)	702	-	385981 405018
220	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	705	-	386025 404959

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A9NE (SE)	720	-	386087 404173
222	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A19SW (NE)	721	-	385895 405138
223	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A19SW (NE)	746	-	386008 405056
224	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A7NE (SW)	747	-	384749 404007
225	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A19SW (NE)	750	-	385982 405094
226	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8SW (S)	762	-	385196 403697
227	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8SE (S)	768	-	385364 403672
228	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	780	-	386156 404859
229	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A19SE (NE)	786	-	386129 404937
230	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A17SW (NW)	788	-	384639 405065
231	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	793	-	384698 405137
232	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	802	-	386153 404925
233	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A12NW (W)	803	-	384464 404738
234	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8SE (S)	816	-	385452 403627
235	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	827	-	384483 404250
236	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A17SW (NW)	831	-	384489 404903
237	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A12NW (W)	841	-	384407 404570
238	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	850	-	384722 403887
239	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12SW (W)	864	-	384385 404521
240	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	870	-	384481 404153
241	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A17SW (NW)	871	-	384495 405004

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
242	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A9SW (SE)	875	-	386001 403809
243	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12NW (W)	878	-	384375 404651
244	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A17SW (NW)	915	-	384443 405000
245	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	925	-	384480 404048
246	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	926	-	384639 403864
247	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A17SW (NW)	945	-	384412 405007
248	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	946	-	384555 403920
249	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A7SE (SW)	970	-	384695 403743
250	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A19NW (N)	978	-	385709 405542
251	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A9SW (SE)	989	-	385795 403547
252	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: Waste produced/controlled by licence holder Restrictions: Status: Site Closed Dated: 7th April 1995 Preceded By: 00828/92 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Prohibited Waste	A12NE (W)	373	2	384900 404700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
252	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: No known restriction on source of waste Restrictions: Status: Record supersededSuperseded Dated: 1st April 1993 Preceded By: Not Given Licence: Superseded By: 00828/M02 Licence: 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	A12NE (W)	373	2	384900 404700
253	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: Waste produced/controlled by licence holder Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 22nd September 1983 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste: Construction And Demolition Wastes Prohibited Waste: Liquid/Slurry/Sludge Wastes	A12NW (W)	670	2	384590 404692

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Permian Rocks (Undifferentiated)	A13NE (NW)	0	1	385353 404537
	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	A13NE (NW)	0	1	385353 404537
	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	A13NE (NE)	43	1	385419 404646
	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	A13NE (N)	66	1	385374 404692
	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)	83	1	385257 404428
	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	A13SW (SW)	130	1	385219 404409
	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	A18SW (NW)	518	1	385109 405078

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12NE (W)	554	1	384711 404703
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SE (NW)	655	1	384684 404898
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17NE (NW)	858	1	384969 405397
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	908	1	386254 404958
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SW (NW)	922	1	384493 405094
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	927	1	386256 405000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19SE (NE)	928	1	386256 405001
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19SE (NE)	932	1	386292 404931
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	945	1	384480 405116
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	950	1	386252 405058
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	951	1	384466 405107
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SW (NW)	966	1	384439 405094

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A15NW (E)	994	1	386415 404673
254	BGS Recorded Mineral Sites Site Name: Rhodes Sand Pit Location: Rhodes, Middleton, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15042 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)	385	1	385190 404970
255	BGS Recorded Mineral Sites Site Name: Rhodes Sand Pit Location: Rhodes, Middleton, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15043 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	A18SE (N)	450	1	385405 405075
256	BGS Recorded Mineral Sites Site Name: Light Alders Sand Pit Location: Rhodes, Middleton, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96933 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	A18SE (NE)	524	1	385609 405091
257	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	A12SW (W)	611	1	384654 404425
258	BGS Recorded Mineral Sites Site Name: Hanging Birch Sand Pit Location: Simister, Middleton, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96895 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	A17NE (NW)	952	1	384667 405320

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
259	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	A9SW (S)	972	1	385751 403545
260	BGS Recorded Mineral Sites Site Name: Crosslee Gravel Pit Location: Higher Blackley, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96900 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	989	1	386247 403913
	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	385353 404537
	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	385353 404537
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NE (W)	248	1	385000 404537
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	385353 404537
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NE (W)	248	1	385000 404537
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	385353 404537
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NE (W)	248	1	385000 404537
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	385353 404537
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	140	1	385217 404397
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	151	1	385254 404342
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	181	1	385176 404380

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	A12NE (W)	248	1	385000 404537
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	385353 404537
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NE (W)	248	1	385000 404537
	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	385353 404537
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	147	1	385315 404765
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	227	1	385133 404359
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NE (W)	248	1	385000 404537
	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	385353 404537
	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	385353 404537

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
261	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	A13NW (W)	173	-	385077 404544
261	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	A13NW (W)	180	-	385069 404558
261	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	A13NW (W)	180	-	385069 404558
261	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	A13NW (W)	180	-	385069 404558
261	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	A13NW (W)	180	-	385069 404558
261	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	A13NW (W)	180	-	385069 404558
262	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	A13NW (NW)	217	-	385079 404702
263	Contemporary Trade Directory Entries Name: Hawk Appliances Ltd Location: 194, VICTORIA AVENUE, BLACKLEY, MANCHESTER, M9 0RR Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	282	-	385288 404169
264	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	A8NE (S)	282	-	385407 404159
265	Contemporary Trade Directory Entries Name: Sandhurst Lifting Services Location: 21, Boothroyden Road, Middleton, Manchester, M24 4RY Classification: Lifting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	527	-	385163 405114
265	Contemporary Trade Directory Entries Name: Beechfield Motors Location: 21, Boothroyden Road, Middleton, Manchester, M24 4RY Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	527	-	385163 405114
265	Contemporary Trade Directory Entries Name: A C Tyres Location: 21, Boothroyden Road, Middleton, Manchester, M24 4RY Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	527	-	385163 405114

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
266	Contemporary Trade Directory Entries Name: Marlaw Pallet Services Ltd Location: Marlow Pallet Services Ltd, Boothroyden Road, Middleton, M24 4RY Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	527	-	385114 405091
267	Contemporary Trade Directory Entries Name: Enterprise Motorcycle Services Location: 19, Wilma Avenue, Manchester, M9 8LW Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	530	-	385138 403963
268	Contemporary Trade Directory Entries Name: Serco Intergrated Transport Location: Unit 9,Rhodes Business Park,Silburn Way, Middleton, Manchester, Lancashire, M24 4NE Classification: Electronic Engineers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (N)	536	-	385304 405159
269	Contemporary Trade Directory Entries Name: B N S Fires Location: 7, Boothroyden Close, Middleton, Manchester, Lancashire, M24 4RW Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	542	-	385044 405070
270	Contemporary Trade Directory Entries Name: Pink Laydeez Cleaning Company Location: 27, Charnwood Road, Manchester, M9 6QG Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	575	-	386007 404506
271	Contemporary Trade Directory Entries Name: Vault Security Location: 4, Bushnell Walk, Manchester, M9 6QN Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	612	-	386022 404314
271	Contemporary Trade Directory Entries Name: Unique Cleaning Services (Nw) Ltd Location: 4, Bushnell Walk, Manchester, M9 6QN Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	612	-	386022 404314
272	Contemporary Trade Directory Entries Name: Technical Textile Services Ltd Location: Unit 7-8, Rhodes Business Park, Silburn Way, Middleton, Manchester, M24 4NE Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	614	-	385398 405240
273	Contemporary Trade Directory Entries Name: N R G Electrical Engineers Ltd Location: 54, Pool Bank Street, Middleton, Manchester, M24 4RN Classification: Electrical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (NW)	631	-	385013 405155
274	Contemporary Trade Directory Entries Name: Northern Handrailing Ltd Location: 625a, Manchester Old Road, Middleton, Manchester, M24 4PN Classification: Staircase, Balustrade & Handrail Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	639	-	385202 405245
274	Contemporary Trade Directory Entries Name: Northern Handrailing Location: 625a, Manchester Old Road, Middleton, Manchester, Lancashire, M24 4PN Classification: Staircase, Balustrade & Handrail Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	639	-	385202 405245

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
274	Contemporary Trade Directory Entries Name: Northern Stair Co Ltd Tas Northern Handrailing Location: Factory Brow, Rhodes, Middleton, Manchester, Greater Manchester, M24 4PN Classification: Staircase, Balustrade & Handrail Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	639	-	385202 405245
274	Contemporary Trade Directory Entries Name: Bradshaw Lawnmower Engineers Location: 623, Manchester Old Road, Middleton, MANCHESTER, M24 4PN Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	646	-	385217 405256
274	Contemporary Trade Directory Entries Name: Rhodes Laundrette Location: 2, Chapel Walk, Middleton, Manchester, M24 4QB Classification: Laundries & Launderettes Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	683	-	385208 405291
275	Contemporary Trade Directory Entries Name: Granite 4 Less Location: 639-641, Manchester Old Road, Middleton, Manchester, M24 4PN Classification: Kitchen Furniture Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	643	-	385152 405234
276	Contemporary Trade Directory Entries Name: A B C Location: 8 Longton Road, Salford, Greater Manchester, M6 7QW Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Manually positioned to the address or location	A8SE (S)	653	-	385520 403804
277	Contemporary Trade Directory Entries Name: Pearl Trading Location: Stuart House Service Station, 717, Manchester Old Road, Middleton, Manchester, M24 4GF Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	656	-	384912 405129
277	Contemporary Trade Directory Entries Name: Tommy'S Tyre Repairs Location: Stuart House Service Station, 717, Manchester Old Road, Middleton, Manchester, M24 4GF Classification: Tyre Repairs & Retreading Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	656	-	384912 405129
278	Contemporary Trade Directory Entries Name: Epos Direct Location: 67, Victoria Avenue, Manchester, M9 0RD Classification: Cash Registers & Check-Out Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	659	-	385972 404097
278	Contemporary Trade Directory Entries Name: Eposdirect.Co.Uk Location: 67, Victoria Avenue, Manchester, Lancashire, M9 0RD Classification: Cash Registers & Check-Out Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	659	-	385973 404098
279	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	A7NE (SW)	677	-	384714 404148
279	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	A7NE (SW)	704	-	384693 404131

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
279	Contemporary Trade Directory Entries Name: K P M O T Centre Location: Manchester, M9 8WQ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	705	-	384698 404122
279	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	A7NE (SW)	709	-	384694 404120
279	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	A7NE (SW)	709	-	384694 404120
279	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	A7NE (SW)	710	-	384694 404120
279	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	A7NE (SW)	710	-	384694 404120
280	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	A9NW (SE)	684	-	385799 403896
280	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	A9NW (SE)	700	-	385816 403889
281	Contemporary Trade Directory Entries Name: Solar Choice Renewable Energy Systems Location: 590, Manchester Old Road, Middleton, Manchester, M24 4PW Classification: Electricity Generating & Distributing Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	716	-	385390 405342
282	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	A7NW (SW)	750	-	384624 404147
283	Contemporary Trade Directory Entries Name: E M O Ltd Location: West Croft Industrial Estate, Manchester Old Road, Middleton, Manchester, M24 4GJ Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	762	-	385483 405379
283	Contemporary Trade Directory Entries Name: Elite Tooling Solutions Ltd Location: 5, West Croft Industrial Estate, Manchester Old Road, Middleton, Manchester, M24 4GJ Classification: Plastics - Injection Moulding Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	762	-	385483 405379

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
283	Contemporary Trade Directory Entries Name: Elite Plastic Injection Mould Tooling Ltd Location: West Croft Industrial Estate, Manchester Old Road, Middleton, Manchester, M24 4GJ Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	762	-	385483 405379
283	Contemporary Trade Directory Entries Name: Elite Tooling Location: West Croft Industrial Estate, Manchester Old Road, Middleton, Manchester, Lancashire, M24 4GJ Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	762	-	385483 405379
283	Contemporary Trade Directory Entries Name: James Thorpe & Son Ltd Location: 8, West Croft Industrial Estate, Manchester Old Road, Middleton, MANCHESTER, M24 4GJ Classification: Joinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	776	-	385470 405395
284	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	A7NE (SW)	776	-	384682 404032
285	Contemporary Trade Directory Entries Name: Car Shop Megastore Location: Manchester Old Rd, Middleton, Manchester, Lancashire, M24 4RF Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	782	-	384669 405091
286	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	A7NW (SW)	784	-	384624 404090
287	Contemporary Trade Directory Entries Name: Lomax Interiors Location: 4, West Croft Industrial Estate, Manchester Old Road, Middleton, Manchester, M24 4GJ Classification: Cabinet Makers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	793	-	385428 405417
288	Contemporary Trade Directory Entries Name: A 3 Scrap Metal Collections Location: 30, Symond Road, Manchester, M9 6GS Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	823	-	386189 404151
289	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	A12NW (W)	835	-	384415 404612
289	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	A12NW (W)	851	-	384398 404586
290	Contemporary Trade Directory Entries Name: Revive & Restore F X Location: 11, Mount Pleasant, Middleton, Manchester, M24 4PR Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	926	-	385238 405544

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
291	Contemporary Trade Directory Entries Name: J A Doyle Location: 34, Schoolside Lane, Middleton, Manchester, M24 4PD Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	935	-	384965 405472
292	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	A7NW (W)	958	-	384365 404192
293	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	A7NW (SW)	987	-	384444 403991
294	Fuel Station Entries Name: Stuart House Service Station Location: 717-719, Manchester Old Road, Middleton, Manchester, Greater Manchester, M24 4GF Brand: Unbranded Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	657	-	384914 405132
295	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	A7NE (SW)	709	-	384694 404120
296	Fuel Station Entries Name: Avenue Self Serve Location: 1357, Rochdale Road, Manchester, Greater Manchester, M9 6QT Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	989	-	386300 404000
297	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	A8NW (SW)	439	10	385010 404180
298	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	A8NW (S)	530	10	385138 403963
299	Points of Interest - Commercial Services Name: R P S Consultants Location: Unit 4c Rhodes Business Park, Silburn Way, Middleton, M24 4NE Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A18SE (N)	576	10	385387 405202
299	Points of Interest - Commercial Services Name: Palletways Location: Unit 2 Rhodes Business Park, Silburn Way, Middleton, Manchester, M24 4NE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	612	10	385393 405238
300	Points of Interest - Commercial Services Name: Pearl Trading Location: Stuart House Service Station 717, Manchester Old Road, Middleton, Manchester, M24 4GF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	656	10	384912 405129

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
300	Points of Interest - Commercial Services Name: Pearl Trading UK Location: Stuart House Service Station 717, Manchester Old Road, Middleton, Manchester, M24 4GF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	656	10	384912 405129
300	Points of Interest - Commercial Services Name: Tommy's Tyre Repairs Location: Stuart House Service Station 717, Manchester Old Road, Middleton, M24 4GF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	656	10	384911 405129
300	Points of Interest - Commercial Services Name: Stuart House Automotive Centre Location: 717-719 Manchester Old Road, Middleton, Manchester, M24 4GF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	657	10	384914 405132
301	Points of Interest - Commercial Services Name: Jf International Ltd Location: 598 Manchester Old Road, Middleton, Manchester, M24 4PW Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NW (N)	680	10	385305 405304
302	Points of Interest - Commercial Services Name: K P M O T Centre Location: 355 Victoria Avenue, Blackley, Manchester, M9 8WQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	704	10	384703 404118
302	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	A7NE (SW)	709	10	384694 404120
303	Points of Interest - Commercial Services Name: Airsafe (UK) Location: Parc View House West Croft Industrial Estate, Manchester Old Road, Middleton, Manchester, M24 4GJ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A18NE (N)	762	10	385483 405379
304	Points of Interest - Commercial Services Name: A3 Scrap Metal Collections Location: 30 Symond Road, Manchester, M9 6GS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A9NE (SE)	823	10	386189 404151
304	Points of Interest - Commercial Services Name: A 3 Scrap Metal Collections Location: 30 Symond Road, Manchester, M9 6GS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A9NE (SE)	823	10	386189 404151
305	Points of Interest - Commercial Services Name: Revive & Restore F X Location: 11 Mount Pleasant, Middleton, M24 4PR Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NW (N)	925	10	385237 405543
306	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	A7NW (W)	958	10	384365 404192

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
306	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	A7NW (W)	958	10	384365 404192
307	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	518	10	385334 405144
307	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	A18SW (N)	560	10	385323 405185
308	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	A18SW (N)	523	10	385153 405105
308	Points of Interest - Manufacturing and Production Name: Works Location: M24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18SW (N)	524	10	385155 405107
308	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	A18SW (N)	540	10	385141 405119
308	Points of Interest - Manufacturing and Production Name: Works Location: M24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	541	10	385136 405118
308	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	A18SW (N)	567	10	385185 405165
308	Points of Interest - Manufacturing and Production Name: Works Location: M24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	568	10	385180 405164
309	Points of Interest - Manufacturing and Production Name: Rhodes Business Park Location: M24 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	568	10	385327 405193
309	Points of Interest - Manufacturing and Production Name: Factory Location: M24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	641	10	385213 405250
309	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	645	10	385285 405267

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
310	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	597	10	385426 405220
311	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	A18NE (N)	633	10	385463 405252
311	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	A18NE (N)	677	10	385506 405288
312	Points of Interest - Manufacturing and Production Name: West Croft Industrial Estate Location: M24 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	761	10	385418 405386
312	Points of Interest - Manufacturing and Production Name: West Croft Industrial Estate Location: M24 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	767	10	385434 405390
313	Points of Interest - Public Infrastructure Name: Burial Ground Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	302	10	385685 404742
313	Points of Interest - Public Infrastructure Name: Burial Ground Location: M9 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	302	10	385685 404742
314	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	A17SE (NW)	484	10	384985 404972
314	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	A17SE (NW)	487	10	384982 404973
315	Points of Interest - Public Infrastructure Name: Stuart House Service Station Location: Stuart House Service Station 717, Manchester Old Road, Middleton, Manchester, M24 4GF Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17SE (NW)	656	10	384912 405129
315	Points of Interest - Public Infrastructure Name: Stuart House Service Station Location: Stuart House Service Station 717, Manchester Old Road, Middleton, Manchester, M24 4GF Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17SE (NW)	657	10	384914 405132

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
316	Points of Interest - Public Infrastructure Name: Sluice Location: M9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	683	10	385815 405152
316	Points of Interest - Public Infrastructure Name: Sluice Location: M9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	684	10	385819 405151
316	Points of Interest - Public Infrastructure Name: Old Dam Location: M9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	720	10	385890 405141
316	Points of Interest - Public Infrastructure Name: Old Dam Location: M9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	723	10	385893 405142
316	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	A19SW (NE)	724	10	385883 405152
316	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	A19SW (NE)	727	10	385886 405153
317	Points of Interest - Public Infrastructure Name: Esso Location: 355 Victoria Avenue, Blackley, Manchester, M9 8WQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	704	10	384703 404118
317	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	A7NE (SW)	704	10	384693 404131
317	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	A7NE (SW)	709	10	384694 404120
317	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	A7NE (SW)	709	10	384694 404120
317	Points of Interest - Public Infrastructure Name: K P Hill Service Location: 355, Victoria Avenue, Blackley, Manchester, M9 Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	710	10	384694 404119
318	Points of Interest - Public Infrastructure Name: Graveyard Location: M24 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	747	10	385094 405323

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
318	Points of Interest - Public Infrastructure Name: Graveyard Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	748	10	385085 405321
319	Points of Interest - Public Infrastructure Name: Sluice Location: M9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	776	10	385584 405371
319	Points of Interest - Public Infrastructure Name: Sluice Location: M9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	778	10	385589 405371
320	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)	780	10	384485 404727
320	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)	780	10	384485 404727
320	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)	785	10	384478 404716
320	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)	785	10	384478 404715
321	Points of Interest - Public Infrastructure Name: Sluice Location: M24 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	866	10	385980 405256
321	Points of Interest - Public Infrastructure Name: Sluice Location: M24 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	869	10	385984 405256
321	Points of Interest - Public Infrastructure Name: Sluice Location: M24 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NE (NE)	925	10	386044 405278
321	Points of Interest - Public Infrastructure Name: Sluice Location: M24 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NE (NE)	928	10	386048 405279
322	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	A13SW (SW)	346	10	385074 404249

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
323	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	A14SW (E)	580	10	385999 404353
324	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	A9SW (SE)	669	10	385684 403849
324	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	A9SW (SE)	669	10	385684 403849
325	Points of Interest - Recreational and Environmental Name: Skatepark Location: M9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	762	10	385632 403724
326	Points of Interest - Recreational and Environmental Name: Play Area Location: M24 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	840	10	384723 405221
327	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	A7SE (SW)	877	10	384876 403714
327	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	A7SE (SW)	877	10	384876 403715

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
328	Areas of Adopted Green Belt Authority: Bury Metropolitan Borough Council Plan Name: Bury Unitary Development Plan Status: Adopted Plan Date: 29th August 1997	A17NW (NW)	957	8	384585 405256
329	Local Nature Reserves Name: Alkrington Woods Multiple Area: N Area (m2): 493961.05 Source: Natural England Designation Date: 1st January 1987	A18SE (NE)	559	11	385669 405097
330	Nitrate Vulnerable Zones Name: River Irk (Moston Brook To River Irwell) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NE (NW)	0	5	385353 404537

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Manchester City Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department	November 2023 October 2017 October 2017 October 2017 October 2017 September 2017	Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - North West Region	October 2023	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	
Integrated Pollution Controls Environment Agency - North West Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North West Region	January 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control Salford City Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	December 2020 February 2015 July 2014 March 2015 September 2014	Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Salford City Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	December 2020 February 2015 July 2014 March 2015 September 2014	Annual Rolling Update Not Applicable Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 March 2015 March 2015 September 2014	Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	September 2023	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	
Registered Radioactive Substances Environment Agency - North West Region Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	October 2023	Quarterly

Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - North West Region	October 2023	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2023	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	October 2023	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	July 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - South Area	July 2023	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	January 2023	Quarterly
Local Authority Landfill Coverage Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North West Region - South Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Salford City Council Rochdale Metropolitan Borough Council	February 2016 February 2016 February 2016 June 2016 May 2023	Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Salford City Council	February 2016 February 2016 February 2016 February 2016 June 2016	Variable Variable Variable Variable Variable

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

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

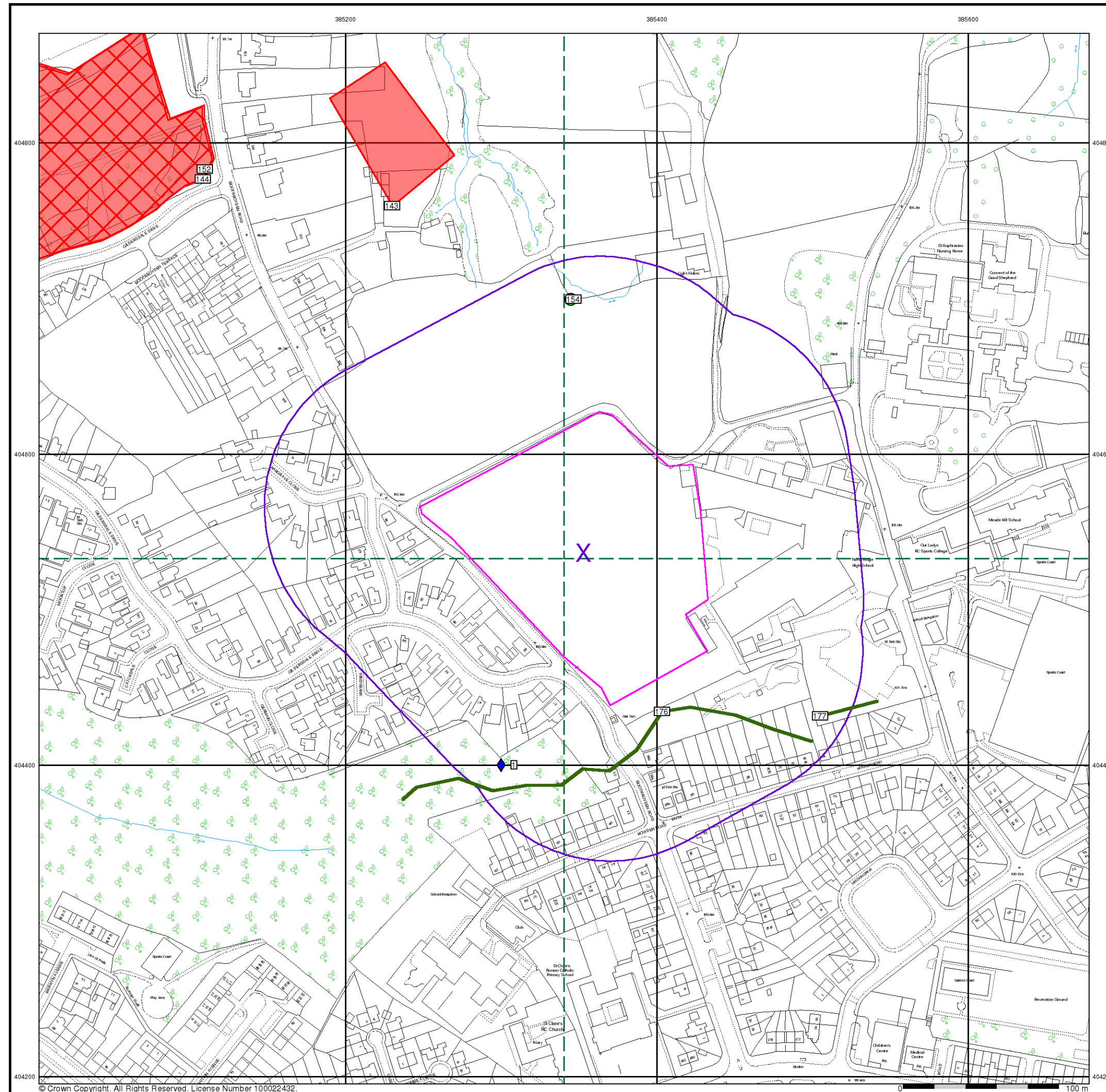
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	October 2023	Bi-Annually
Areas of Adopted Green Belt Bury Metropolitan Borough Council Manchester City Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Salford City Council	August 2023 August 2023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

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Rochdale Metropolitan Borough Council - Environmental Health Department P O Box 32, Telegraph House, Ballie Street, Rochdale, Greater Manchester, OL16 1JH	Telephone: 01706 864139 Fax: 01706 864185 Website: www.rochdale.gov.uk
4	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
5	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
6	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
7	Manchester City Council - Planning Department Town Hall, Manchester, Greater Manchester, M60 2LA	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
8	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
13	Rochdale Metropolitan Borough Council PO Box 15, Town Hall, Rochdale, Greater Manchester, OL16 1AB	Telephone: 01706 647474 Fax: 01706 59475 Website: www.rochdale.gov.uk
-	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.



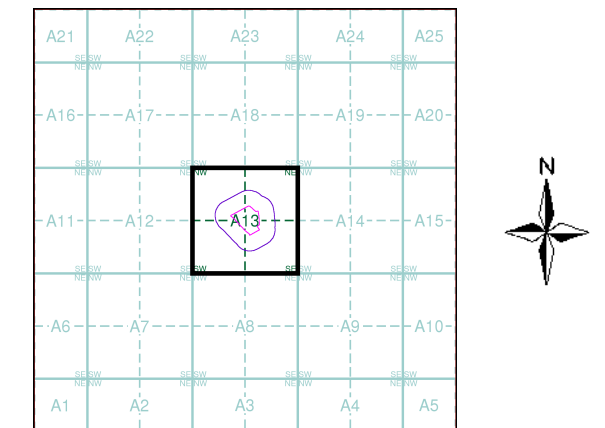
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General

- | | | | | | | | |
|---|--|---|--|---|--|---|--------|
|  | Specified Site |  | Specified Buffer(s) |  | Bearing Reference Point |  | Map ID |
|  | Several of Type at Location |  | Pylon |  | Overhead Transmission Line | | |
| Agency and Hydrological | | | | Waste | | | |
|  | Contaminated Land Register Entry or Notice (Location) |  | BGS Recorded Landfill Site (Location) |  | BGS Recorded Landfill Site | | |
|  | Contaminated Land Register Entry or Notice |  | EA Historic Landfill (Buffered Point) |  | EA Historic Landfill (Polygon) | | |
|  | Discharge Consent |  | Integrated Pollution Control Registered Waste Site |  | Integrated Pollution Control Registered Waste Site | | |
|  | Enforcement or Prohibition Notice |  | Licensed Waste Management Facility (Landfill Boundary) |  | Licensed Waste Management Facility (Location) | | |
|  | Integrated Pollution Control |  | Local Authority Recorded Landfill Site (Location) |  | Local Authority Recorded Landfill Site (Location) | | |
|  | Integrated Pollution Prevention and Control |  | Local Authority Pollution Prevention and Control Enforcement |  | Local Authority Pollution Prevention and Control Enforcement | | |
|  | Local Authority Integrated Pollution Prevention and Control |  | Pollution Incident to Controlled Waters |  | Potentially Infilled Land (Non-water) | | |
|  | Local Authority Pollution Prevention and Control |  | Prosecution Relating to Authorised Processes |  | Potentially Infilled Land (Non-water) | | |
|  | Local Authority Pollution Prevention and Control Enforcement |  | Prosecution Relating to Controlled Waters |  | Potentially Infilled Land (Non-water) | | |
|  | Pollution Incident to Controlled Waters |  | Registered Radioactive Substance |  | Potentially Infilled Land (Water) | | |
|  | Prosecution Relating to Authorised Processes |  | River Network or Water Feature |  | Potentially Infilled Land (Water) | | |
|  | Prosecution Relating to Controlled Waters |  | River Quality Sampling Point |  | Potentially Infilled Land (Water) | | |
|  | Registered Radioactive Substance |  | Substantiated Pollution Incident Register |  | Potentially Infilled Land (Water) | | |
|  | River Network or Water Feature |  | Water Abstraction |  | Registered Landfill Site | | |
|  | River Quality Sampling Point |  | Water Industry Act Referral |  | Registered Landfill Site (Location) | | |
|  | Substantiated Pollution Incident Register |  | |  | Registered Landfill Site (Point Buffered to 100m) | | |
|  | Water Abstraction |  | |  | Registered Landfill Site (Point Buffered to 250m) | | |
|  | Water Industry Act Referral |  | |  | Registered Waste Transfer Site (Location) | | |
| Hazardous Substances | | | |  | Registered Waste Transfer Site | | |
|  | COMAH Site |  | Explosive Site |  | Registered Waste Treatment or Disposal Site (Location) | | |
|  | NIHHS Site |  | Planning Hazardous Substance Consent |  | Registered Waste Treatment or Disposal Site | | |
|  | Planning Hazardous Substance Enforcement |  | | | | | |
| Geological | | | | | | | |
|  | BGS Recorded Mineral Site | | | | | | |

Site Sensitivity Map - Segment A13



Order Details

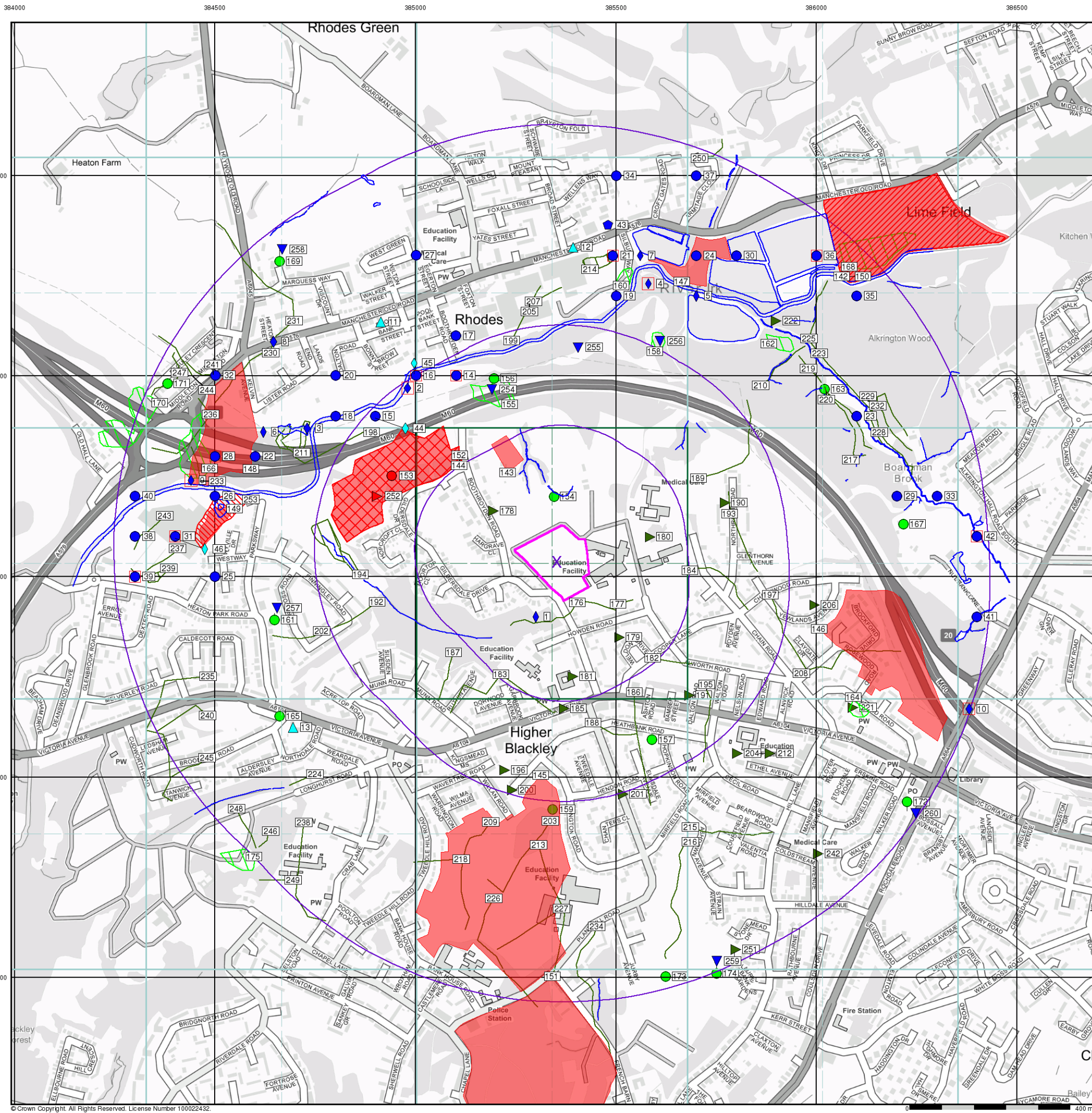
Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Plot Buffer (m): 100

Site Details

Our Lady's R C High School, Alworth Road, MANCHESTER,
M9 0RP

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General

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

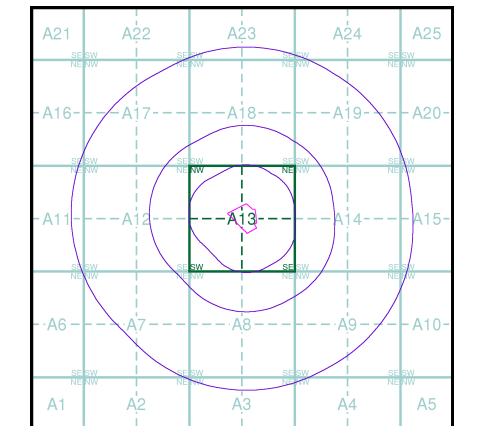
Agency and Hydrological

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

Site Sensitivity Map - Slice A



Order Details

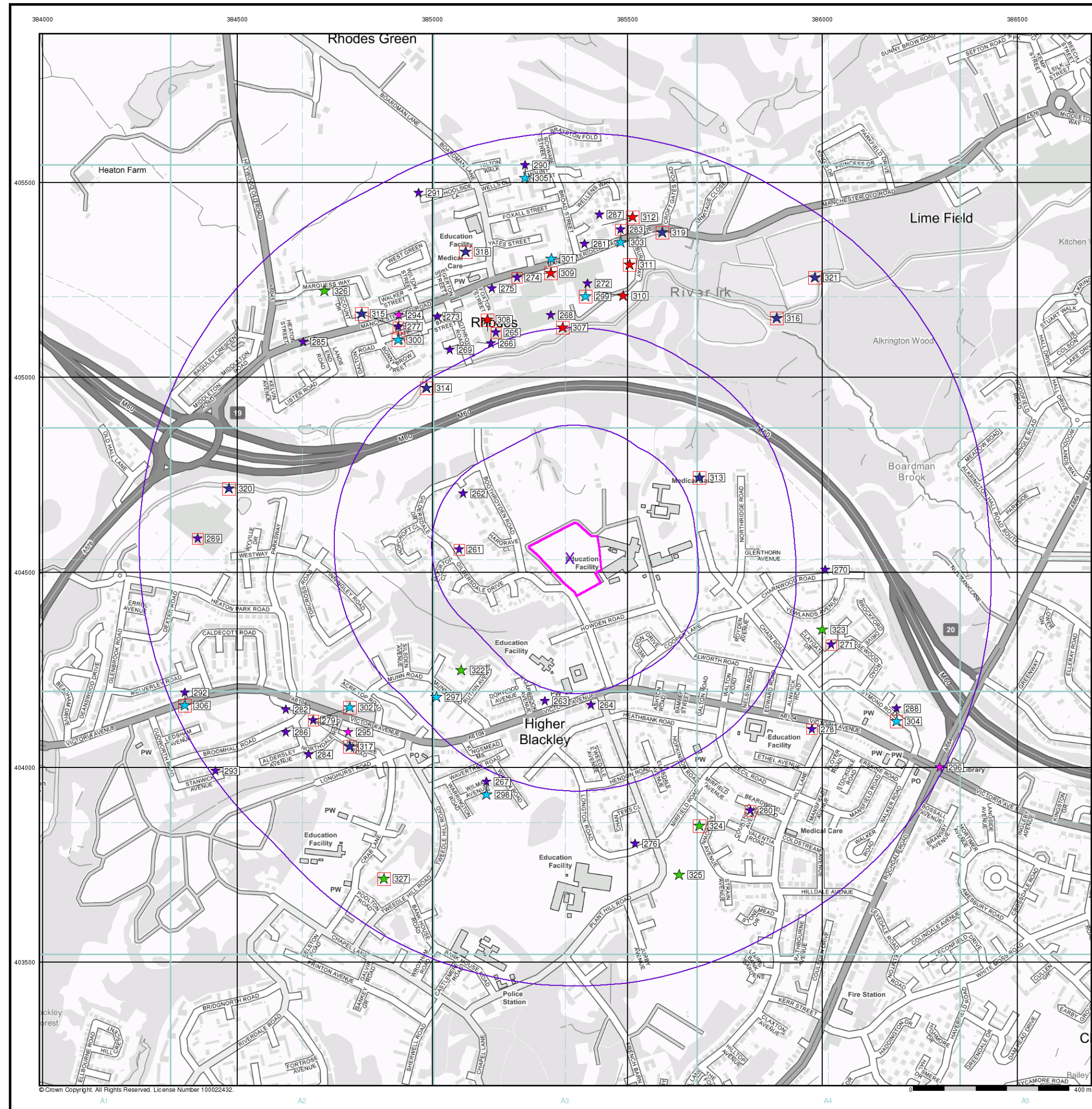
Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

Site Details

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Industrial Land Use Map

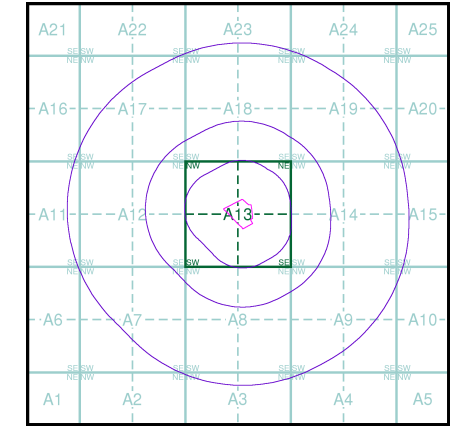
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- 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

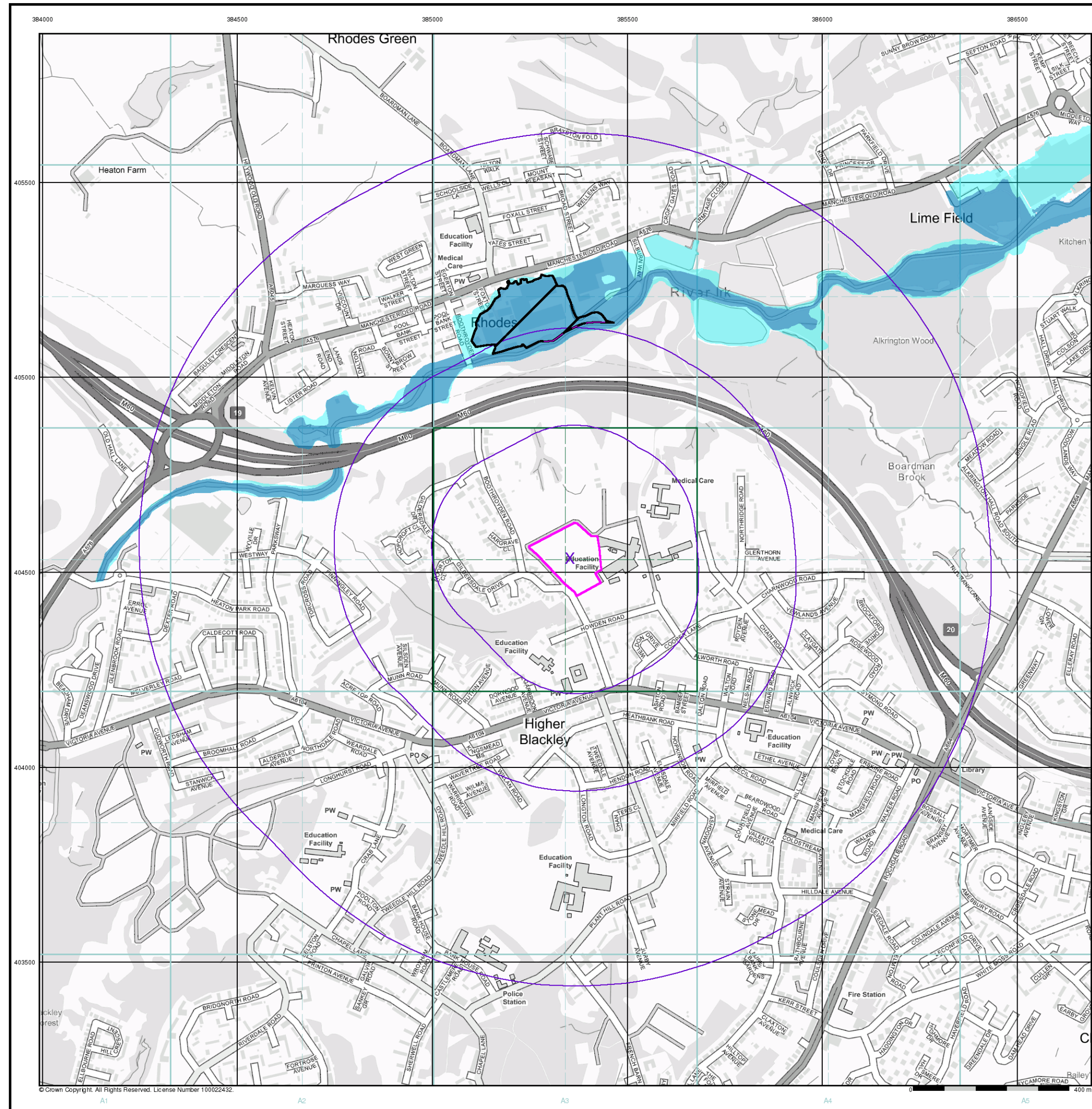
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Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

Site Details

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General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A

Order Details

Order Number:	327520044_1_1
Customer Ref:	4465-23
National Grid Reference:	385350, 404540
Slice:	A
Site Area (Ha):	2.03
Search Buffer (m):	1000

Site Details

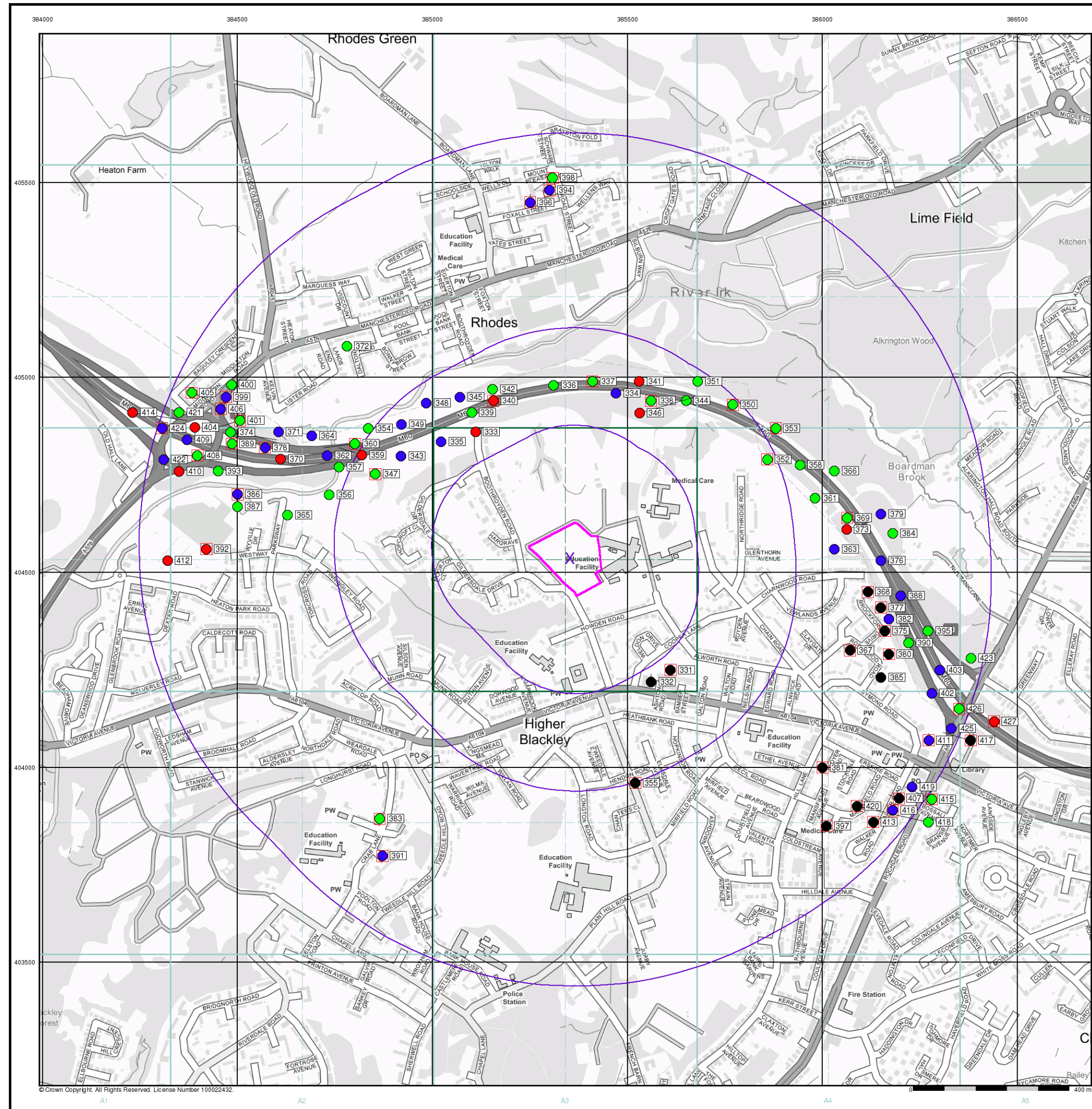
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- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

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:	327520044_1_1
Customer Ref:	4465-23
National Grid Reference:	385350, 404540
Slice:	A
Site Area (Ha):	2.03
Search Buffer (m):	1000

Site Details

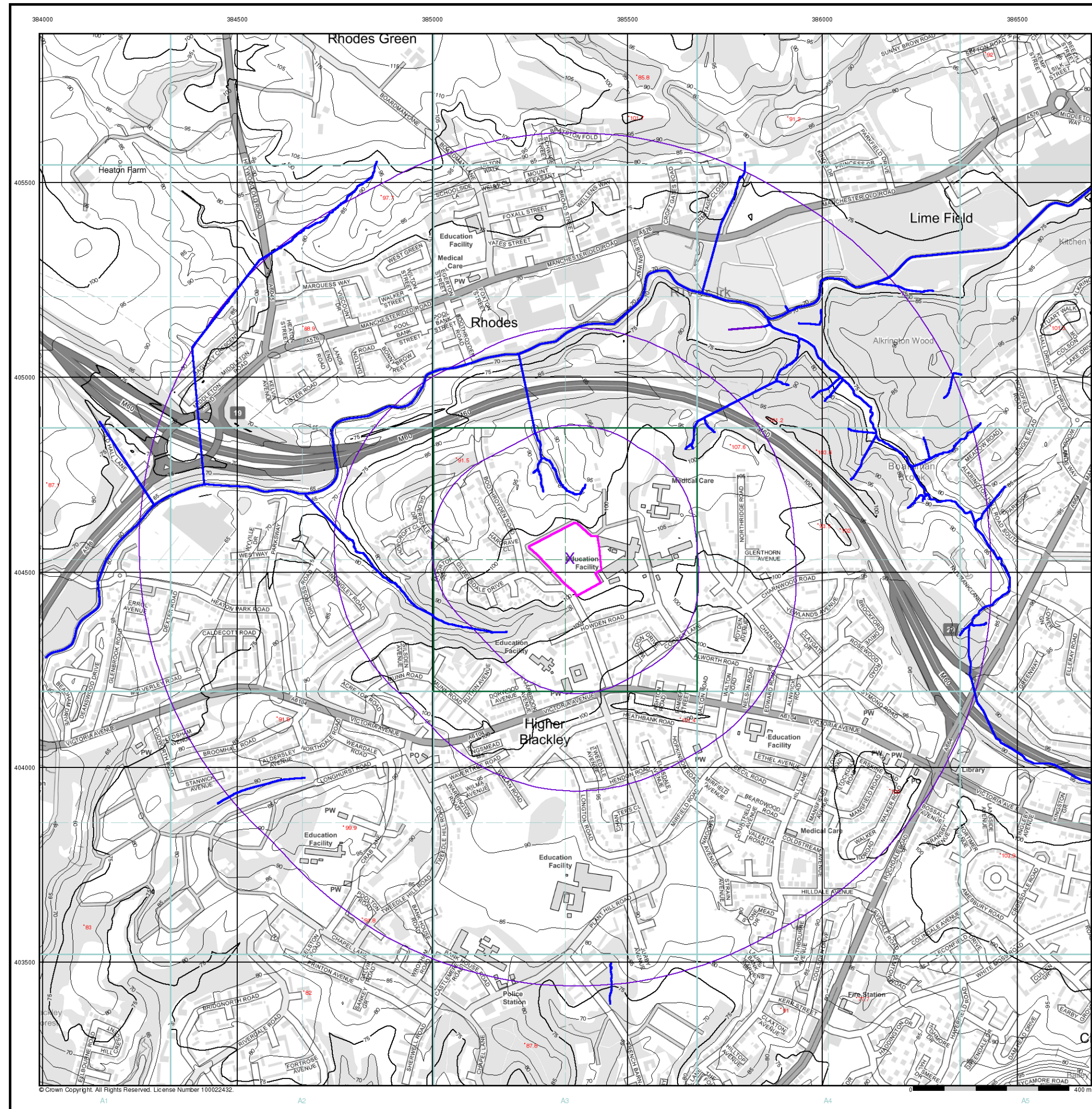
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- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

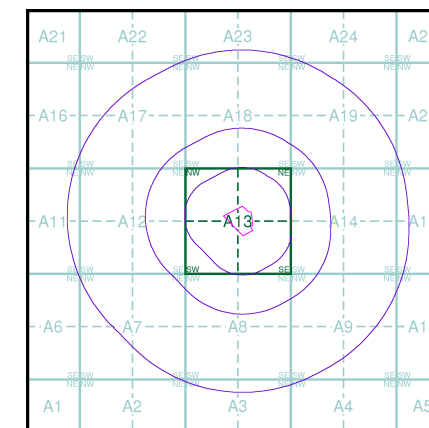
OS Water Network Data

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

Contours (height in meters)

- | | | | |
|------------------|-------|-----|-----------------|
| Standard Contour | 105 | MLW | Mean Low Water |
| Master Contour | 100 | MHW | Mean High Water |
| Spot Height | 167.3 | | |

OS Water Network Map - Slice A



Order Details

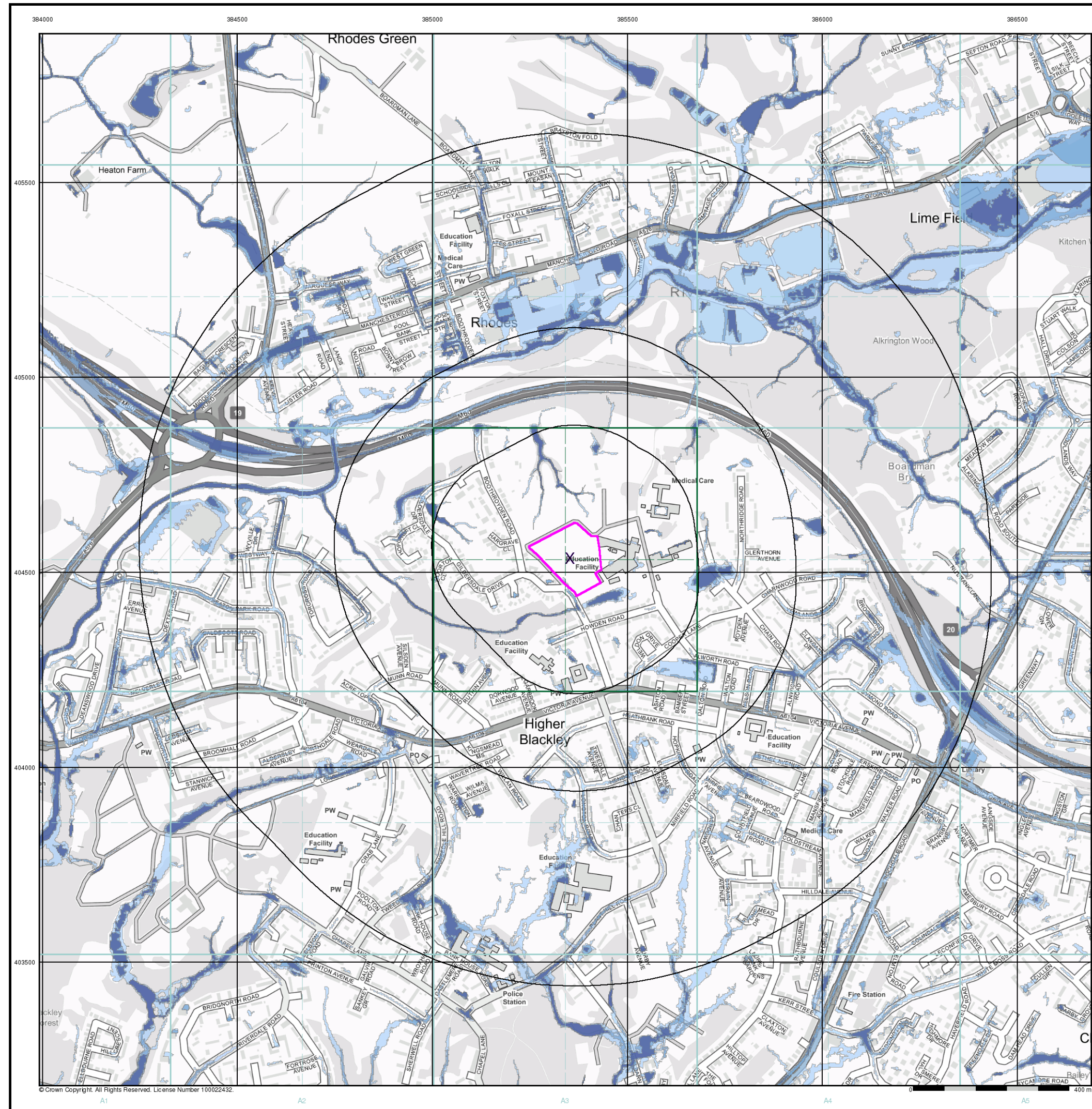
Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

Site Details

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

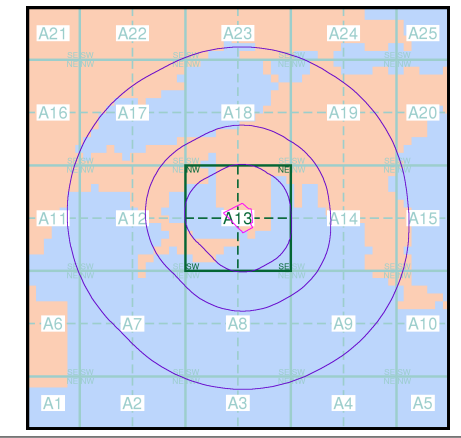
Risk of Flooding from Surface Water

- 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

EAN/RW Suitability Map - Slice A



Order Details

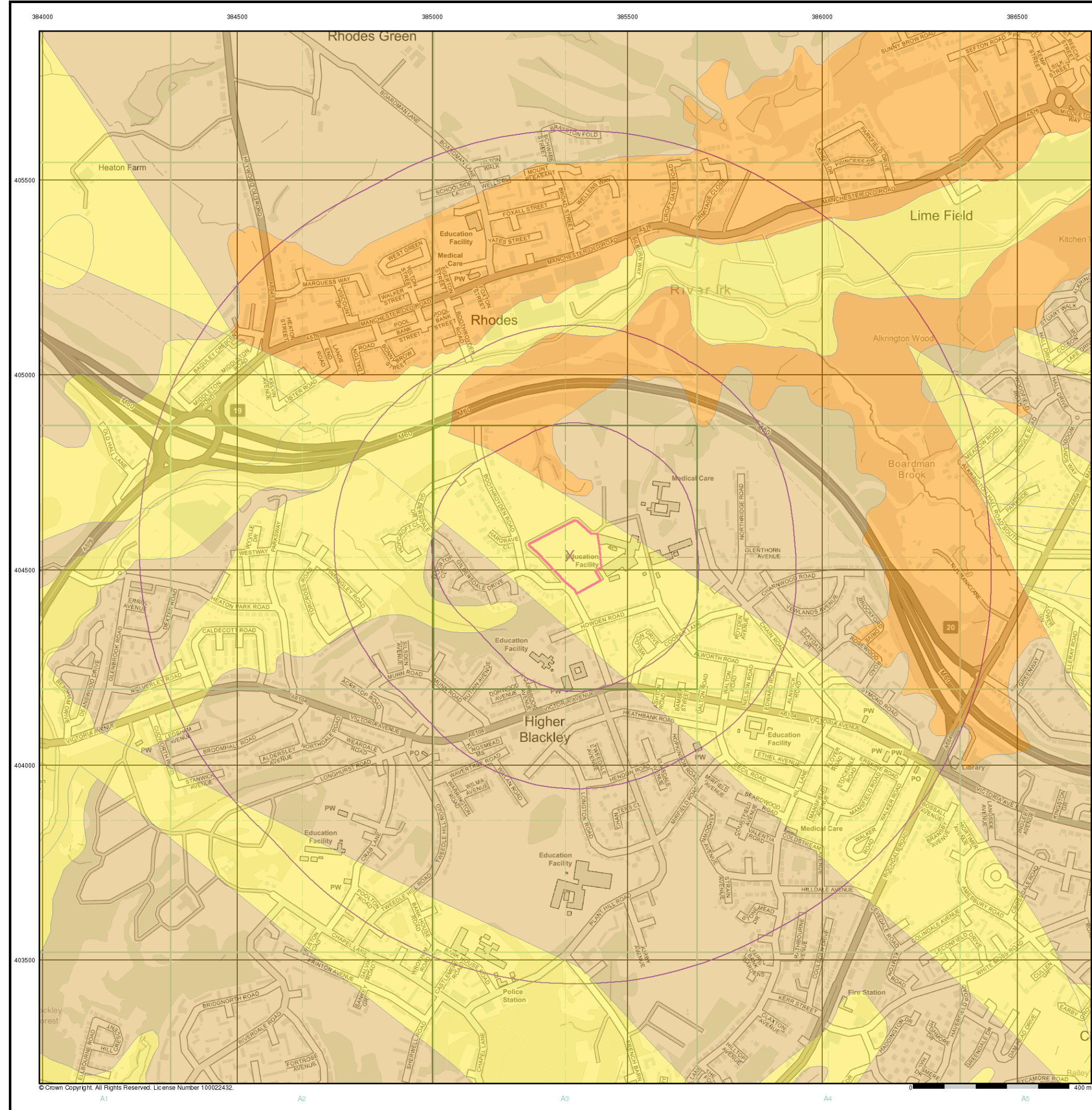
Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

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General

Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

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

Estimated Soil Chemistry Arsenic - Slice A

Order Details

Order Details:	327520044_1_1
Customer Ref:	4465-23
National Grid Reference:	385350, 404540
Slice:	A
Site Area (Ha):	2.03
Search Buffer (m):	1000

Site Details

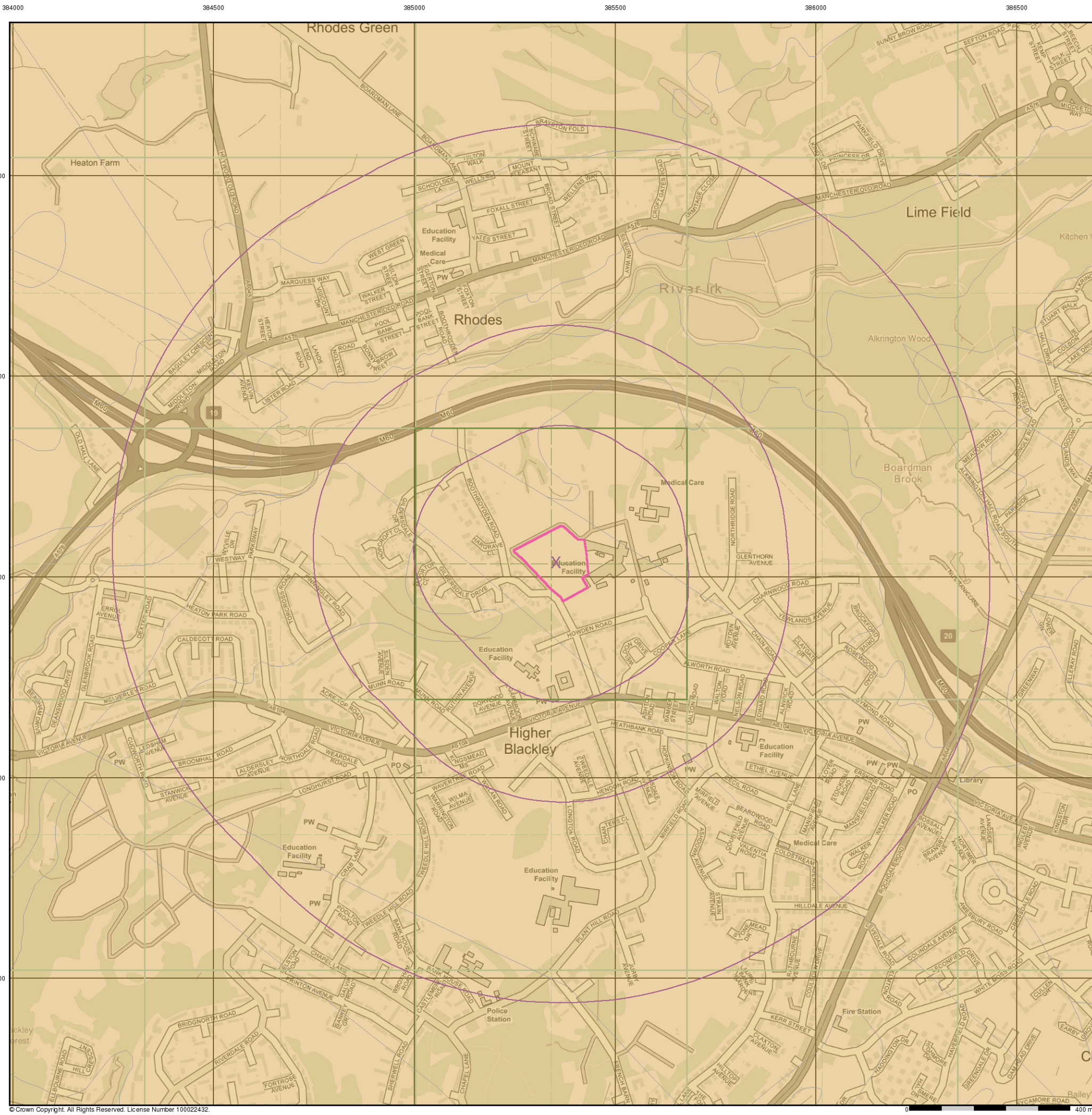
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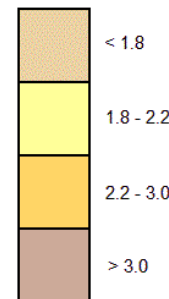


General

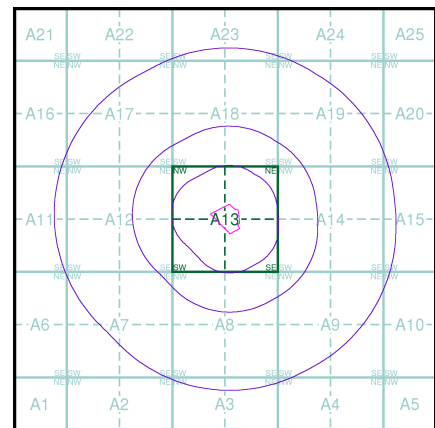
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

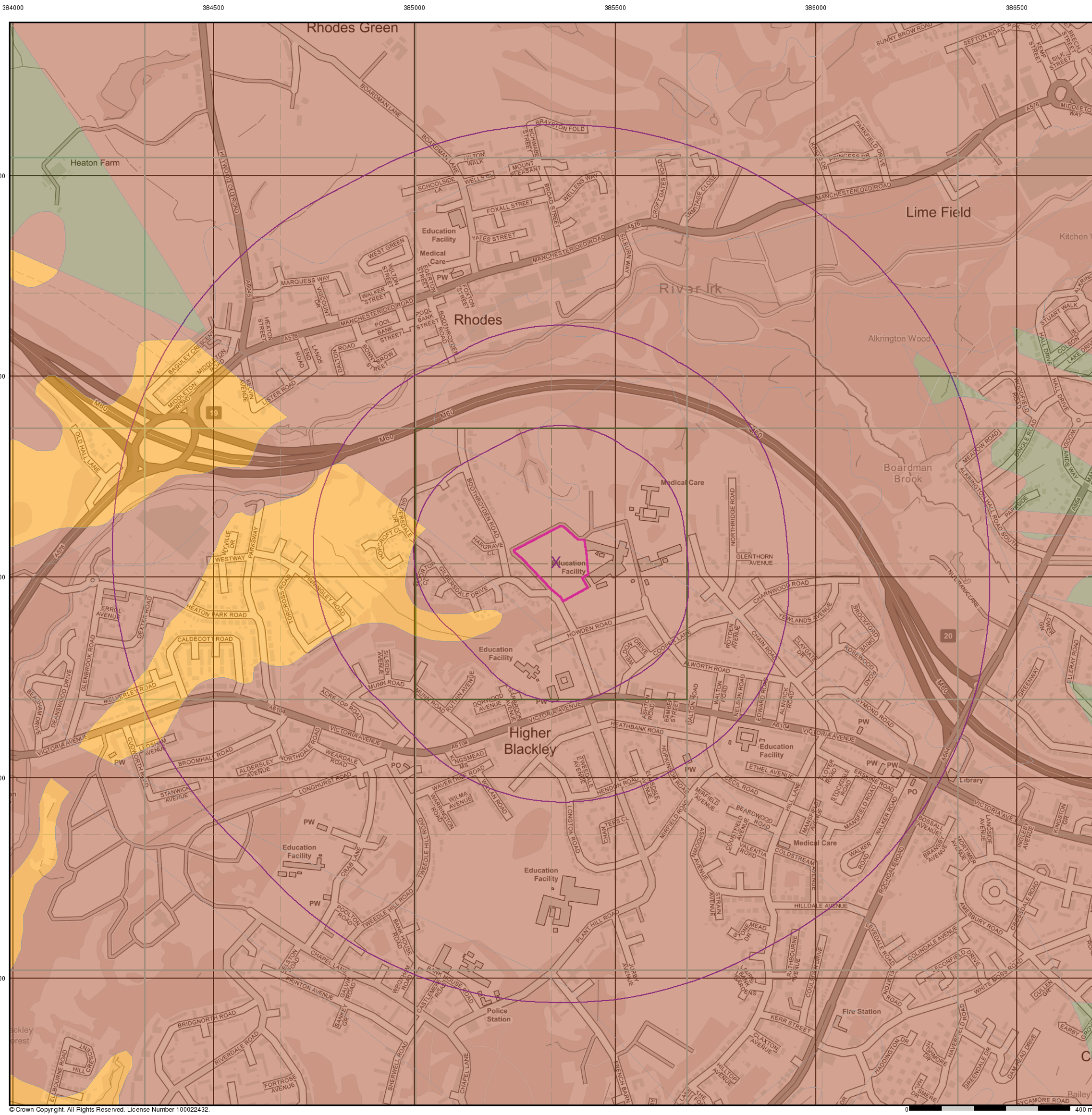


Order Details

Order Details: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

Site Details

Our Lady's R C High School, Alworth Road, MANCHESTER, M9 0RP

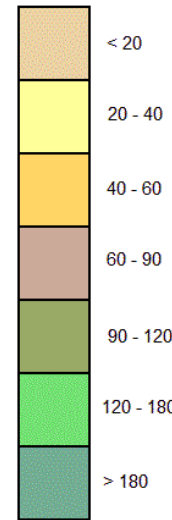


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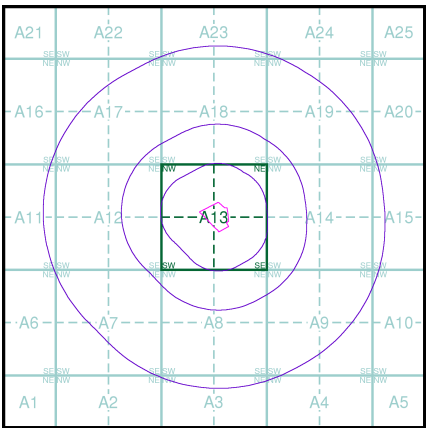
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

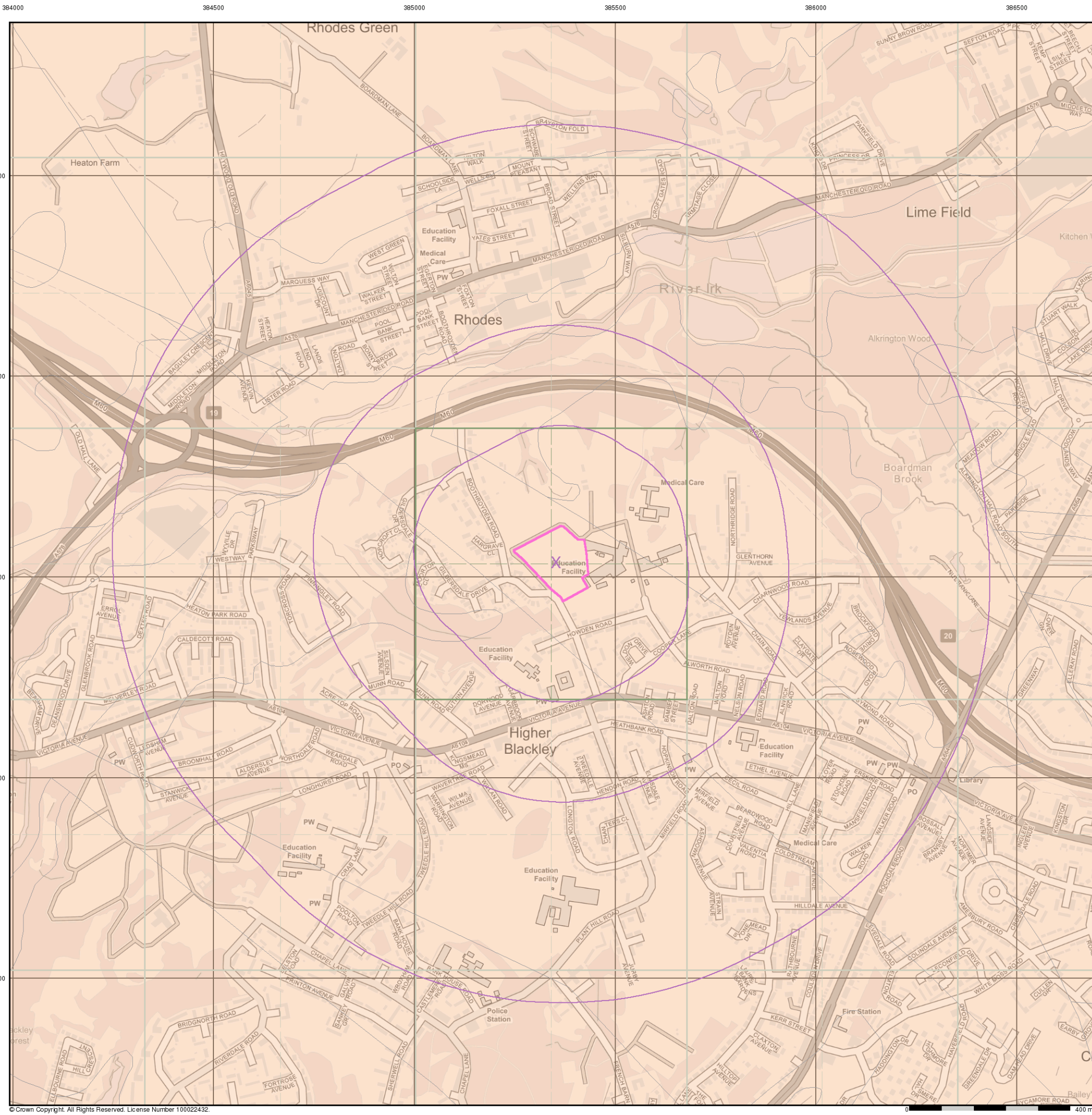


Order Details

Order Details: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

Site Details

Our Lady's R C High School, Alworth Road, MANCHESTER, M9 0RP

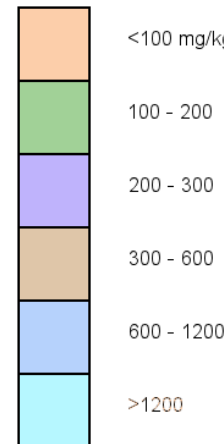


General

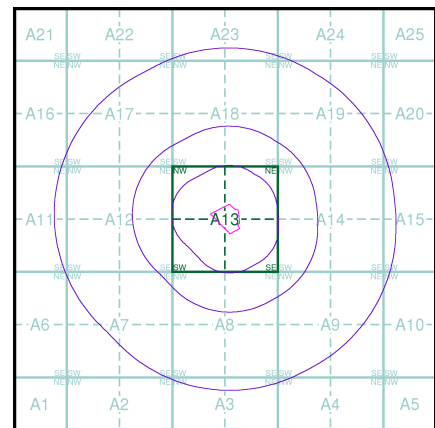
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

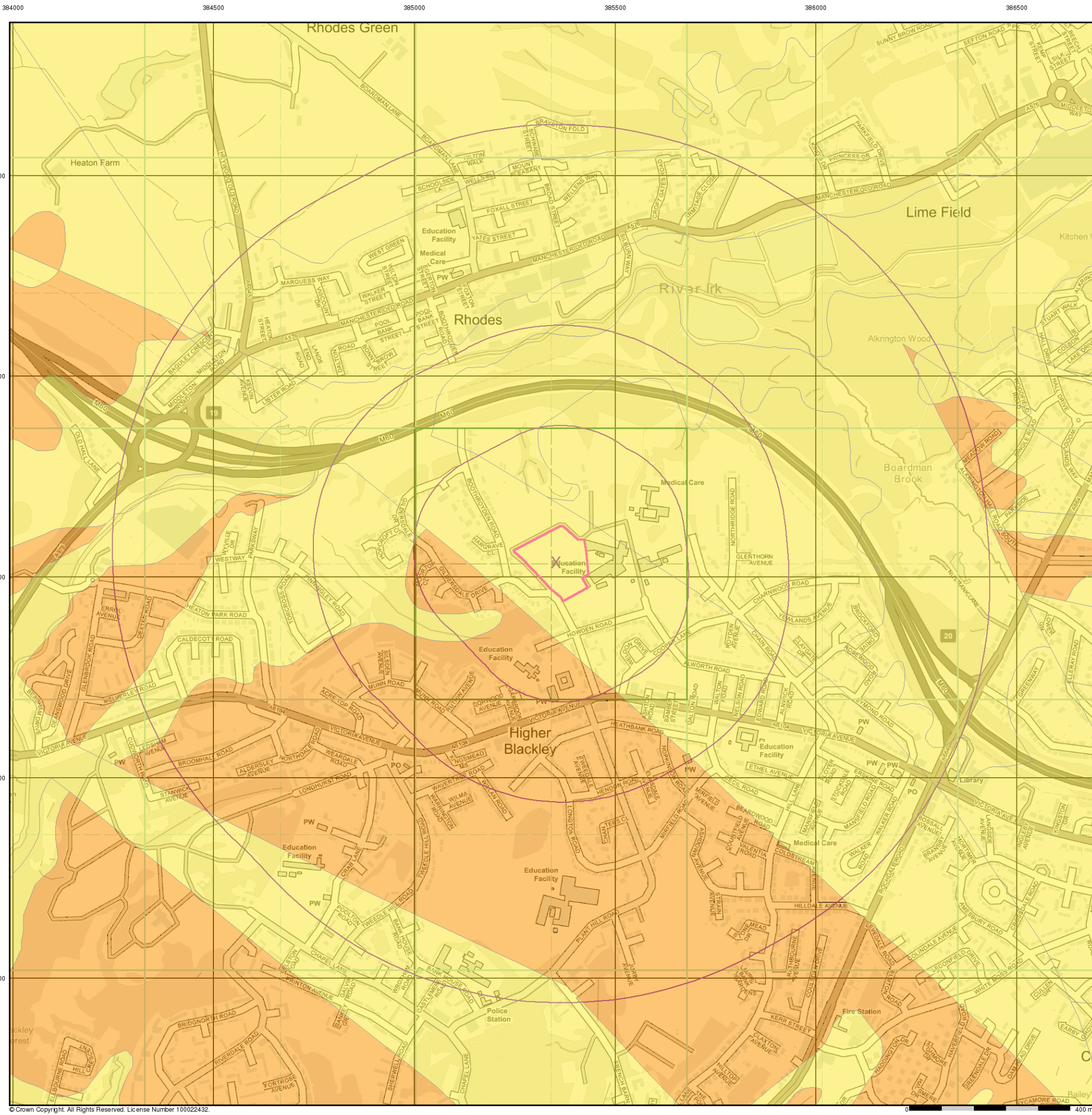


Order Details

Order Details: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

Site Details

Our Lady's R C High School, Alworth Road, MANCHESTER, M9 0RP

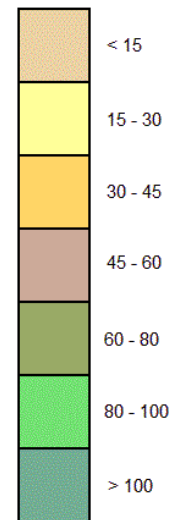


General

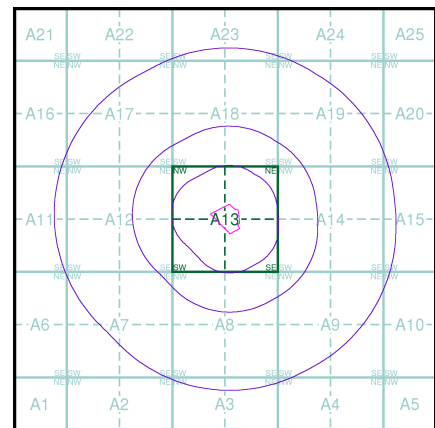
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

Site Details

Our Lady's R C High School, Alworth Road, MANCHESTER, M9 0RP

APPENDIX 4
HISTORICAL ORDNANCE SURVEY
REPORTS

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		
	Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

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

1:10,000 Raster Mapping

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

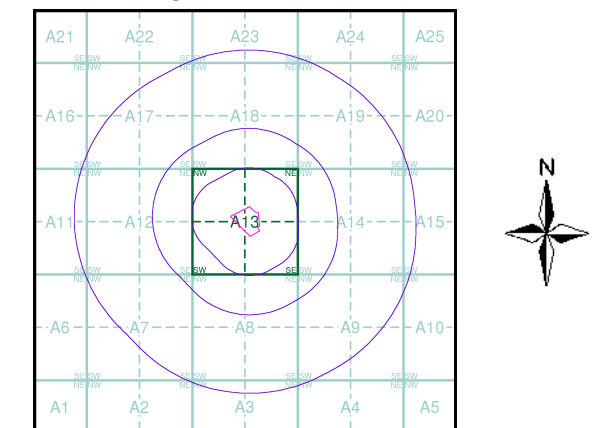
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Lancashire And Furness	1:10,560	1894	4
Lancashire And Furness	1:10,560	1910	5
Lancashire And Furness	1:10,560	1923	6
Lancashire And Furness	1:10,560	1932 - 1933	7
Lancashire And Furness	1:10,560	1938	8
Ordnance Survey Plan	1:10,000	1955 - 1956	9
Ordnance Survey Plan	1:10,000	1965 - 1968	10
Ordnance Survey Plan	1:10,000	1974 - 1979	11
Manchester	1:25,000	1975	12
Ordnance Survey Plan	1:10,000	1982 - 1986	13
Ordnance Survey Plan	1:10,000	1990	14
10K Raster Mapping	1:10,000	1999	15
10K Raster Mapping	1:10,000	2006	16
VectorMap Local	1:10,000	2023	17

Historical Map - Slice A



Order Details

Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

Site Details

Our Lady's R C High School, Alworth Road, MANCHESTER, M9 0RP

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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

Railroad and Station Building

Coniferous Forest

Deciduous Forest

Mixed Forest

Lawns

Citrus Orchard

Wet Ground

Scattered Vegetation

243.8 Values for prominent elevations
186.0 Numbers for spot elevations, depth soundings, contour lines, etc.
0.2 Velocity of the current, width of river bed, depth of river
180/12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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

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

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings

Military and Industrial Buildings

Military and Communication Areas

Subway Entrance

Partly Demolished Buildings

Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant

Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building

Prominent Industrial Building

Individual Dwelling, Fireproof

Ruins of an Individual Dwelling

Factory or Mill Chimney

Factory or Mill with Chimney

Factory or Mill without Chimney

Mine or Open Pit Mine

Operating Shaft or Mine

Non-Operating Shaft or Mine

Salt Mine

Tailings Pile

Pit

Stone Quarry

Gas Pump or Service Station

Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick

Small Hydroelectric Power Station

Power Station

Transformer Station

Cemetery

Burial Mound (height in metres)

Triangulation Point on Burial Mound

Triangulation Point

Bench Mark

Bench Mark (monumented)

Telegraph Office

Telephone Station

Radio Station

Radio Tower

Airfield or Seaplane Base

Landing Strip

Telegraph/Telephone Lines

Main Highway

Highway under Construction

Improved Dirt Road (former truck road)

Double-track Railroad with First Class Station

Railroad Under Construction

Shore Embankment

River or Ditch with Embankment

Water Gauge

Water Level Mark

Well

Water Reservoir or Rain Water Pit

Spring

Isobath with value

Heavy (Index) Contour Line

Contour Line and Value

Half Contour Line

Spot Elevation Value

Coniferous

Deciduous

Mixed

Scrub

Key to Numbers on Mapping

SD80_Manchester

No.	Description
165	Post Office
229	Factory (Textiles)

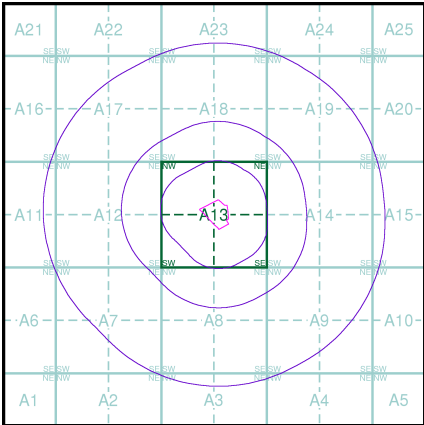
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Lancashire And Furness	1:10,560	1894	4
Lancashire And Furness	1:10,560	1910	5
Lancashire And Furness	1:10,560	1923	6
Lancashire And Furness	1:10,560	1932 - 1933	7
Lancashire And Furness	1:10,560	1938	8
Ordnance Survey Plan	1:10,000	1955 - 1956	9
Ordnance Survey Plan	1:10,000	1965 - 1968	10
Ordnance Survey Plan	1:10,000	1974 - 1979	11
Manchester	1:25,000	1975	12
Ordnance Survey Plan	1:10,000	1982 - 1986	13
Ordnance Survey Plan	1:10,000	1990	14
10K Raster Mapping	1:10,000	1999	15
10K Raster Mapping	1:10,000	2006	16
VectorMap Local	1:10,000	2023	17

Russian Map - Slice A



Order Details

Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

Site Details

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

	Quarry		Gravel Pit		Sand Pit
	Clay Pit		Shingle		Refuse Heap
	Sloping Masonry		Flat Rock		
	Marsh		Reeds		Osiers
	Rough Pasture		Furze		Wood
	Mixed Wood		Brushwood		Orchard
	Fir		Ford		Stepping Stones
	Ferry		Waterfall		Lock

	Trig. Station	507 	Altitude at Trig. Station
<i>B.M.</i> 325.9 	Bench Mark	342 +	Surface Level
	Arrow denotes flow direction		Antiquities (site of)

Railway crossing Road

Level Crossing

Road crossing Railway

Diagram illustrating three types of crossings:

- Railway crossing River or Canal**
- Road over single stream**
- Road over River or Canal**

-----	County Boundary (Geographical)
- . - . - .	County & Civil Parish Boundary
+ . + . + . +	Administrative County & Civil Parish Boundary
-----	County Borough Boundary (England)
Co. Boro. Bdy.	
-----	County Burgh Boundary (Scotland)
Co. Burgh Bdy.	

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

Inactive Quarry,
Chalk Pit or
Clay Pit

Active Quarry,
Chalk Pit or
Clay Pit

Rock

Boulders

Slopes

Top

Cliff

Top

Roofed Building

Glazed Roof
Building

Top

Sloping
Masonry

Archway

Non-Coniferous Tree
(surveyed)

Coniferous Tree
(surveyed)

Non-Coniferous Trees
(not surveyed)

Coniferous Trees
(not surveyed)

	Orchard Tree		Scrub		Bracken
	Coppice, Osier		Reeds		Marsh, Saltings
	Rough Grassland		Heath		Culvert
	Direction of water flow		Bench Mark		Antiquity (site of)
	Cave Entrance		Triangulation Station		Electricity Pylon

	Electricity Transmission Line
	County Boundary (Geographical)
	County & Civil Parish Boundary
	Civil Parish Boundary
	Admin. County or County Bor. Boundary
	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
EI 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	Wd	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

	Cliff		Slopes
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Positioned Boulder		Scree
	Non-Coniferous Tree (surveyed)		Coniferous Tree (surveyed)
	Non-Coniferous Trees (not surveyed)		Coniferous Trees (not surveyed)
	Orchard Tree		Scrub
	Coppice, Osier		Reeds
	Rough		Marsh, Saltings
	Heath		Culvert

	Direction of water flow		Triangulation Station		Antiquity (site of)
	Electricity Transmission Line		Electricity Pylon		
	BM 231.60m Bench Mark		Buildings with Building Seed		
	Roofed Building		Glazed Roof Building		
	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 Governor	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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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	1:2,500	1952	5
Ordnance Survey Plan	1:1,250	1952	6
Ordnance Survey Plan	1:1,250	1958 - 1982	7
Supply of Unpublished Survey Information	1:1,250	1974 - 1976	8
Supply of Unpublished Survey Information	1:1,250	1977	9
Additional SIMs	1:1,250	1978 - 1988	10
Ordnance Survey Plan	1:1,250	1982	11
Additional SIMs	1:1,250	1989 - 1990	12
Large-Scale National Grid Data	1:1,250	1992	13
Historical Aerial Photography	1:2,500	2000	14

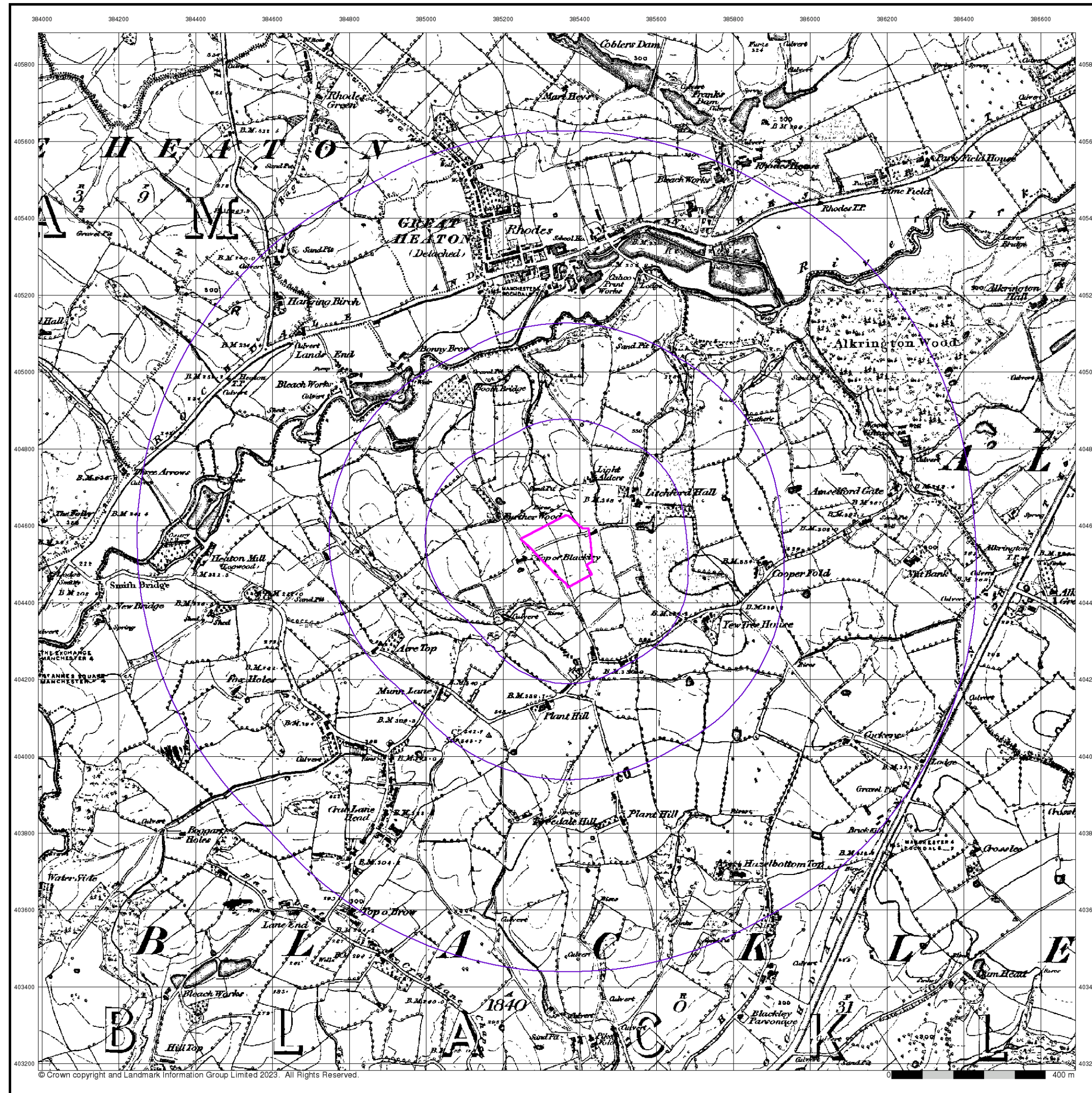


Order Number:	327520044_1_1
Customer Ref:	4465-23
National Grid Reference:	385350, 404540
Slice:	A
Site Area (Ha):	2.03
Search Buffer (m):	100

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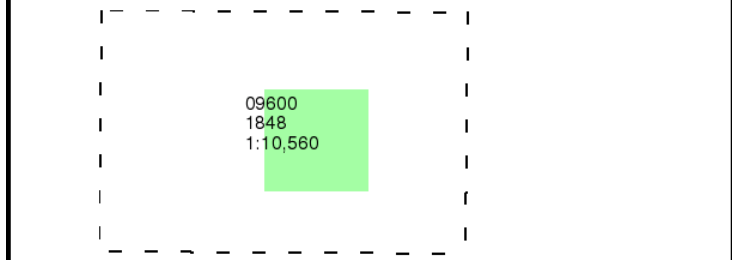
Lancashire And Furness

Published 1848

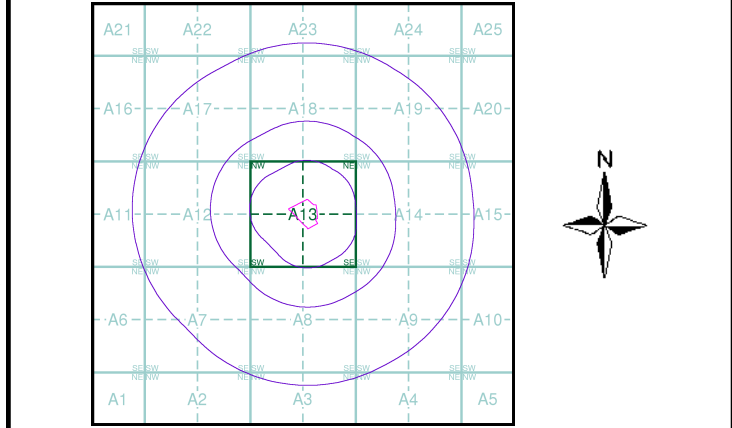
Source map scale - 1:10,560

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

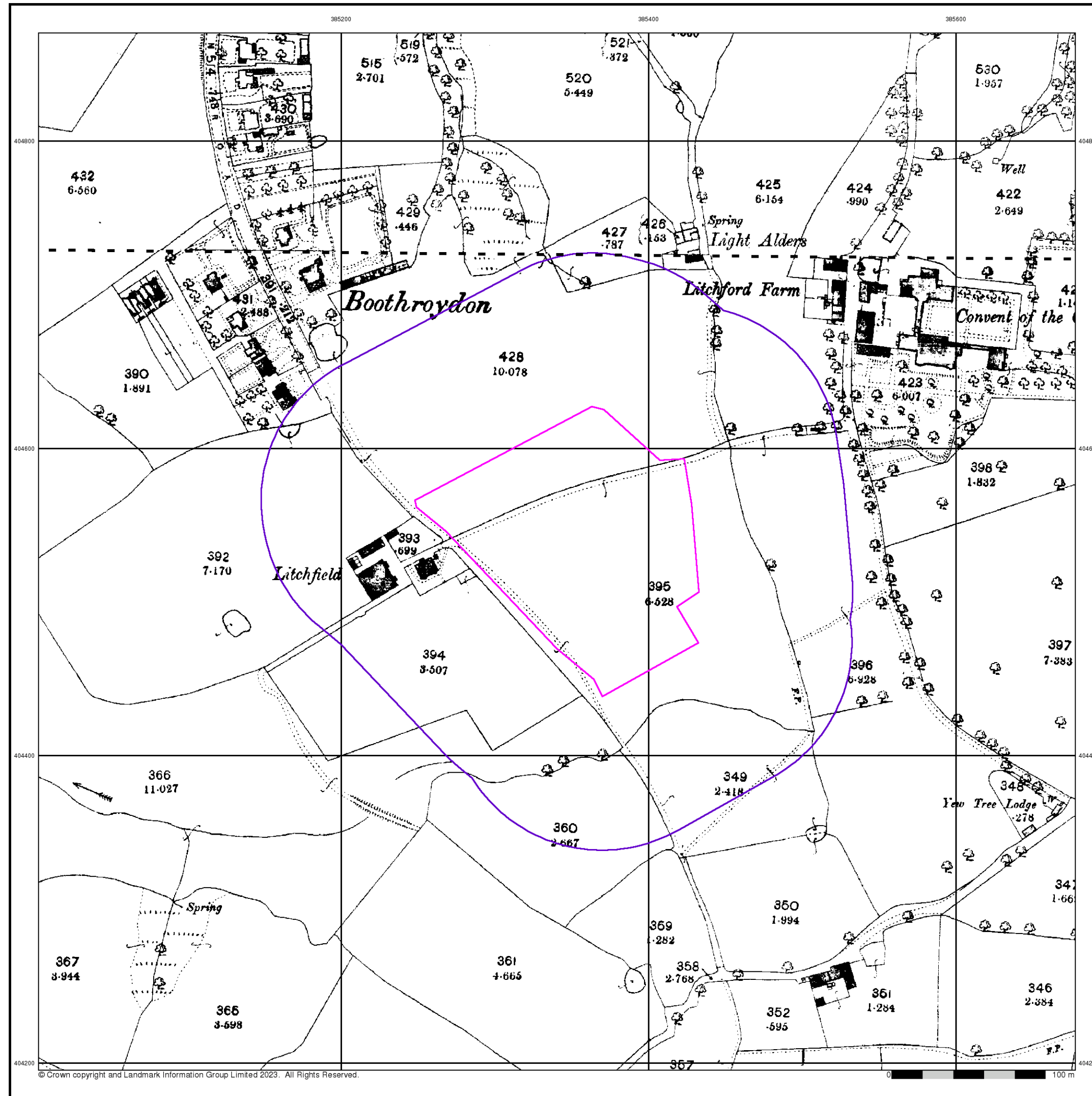


Order Details	
Order Number:	327520044_1_1
Customer Ref:	4465-23
National Grid Reference:	385350, 404540
Slice:	A
Site Area (Ha):	2.03
Search Buffer (m):	1000

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Lancashire And Furness

Published 1893

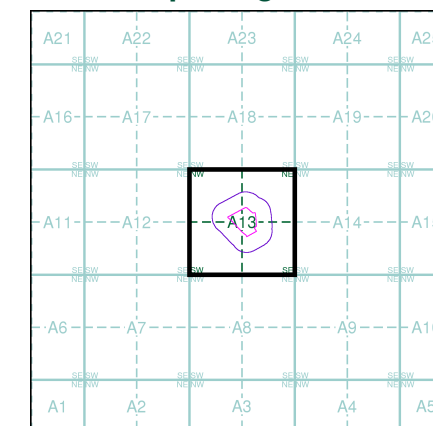
Source map scale - 1:2,500

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)

096_07
1893
1:2,500
096_11
1893
1:2,500

Historical Map - Segment A13



Order Details

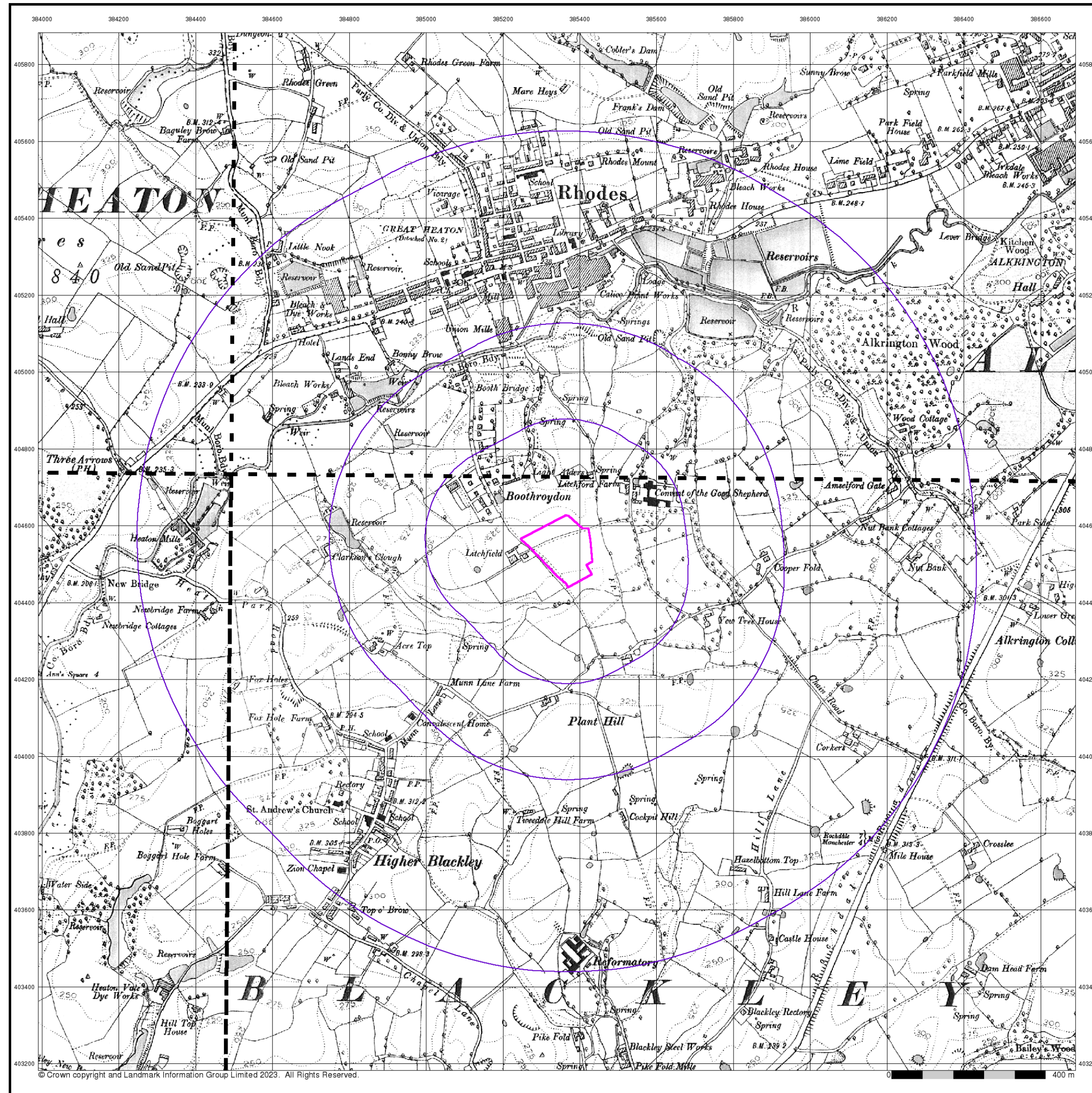
Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 100

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Lancashire And Furness

Published 1894

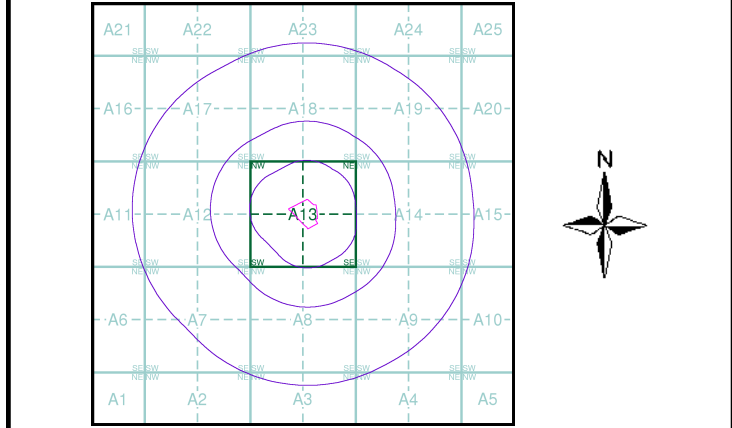
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

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

Historical Map - Slice A



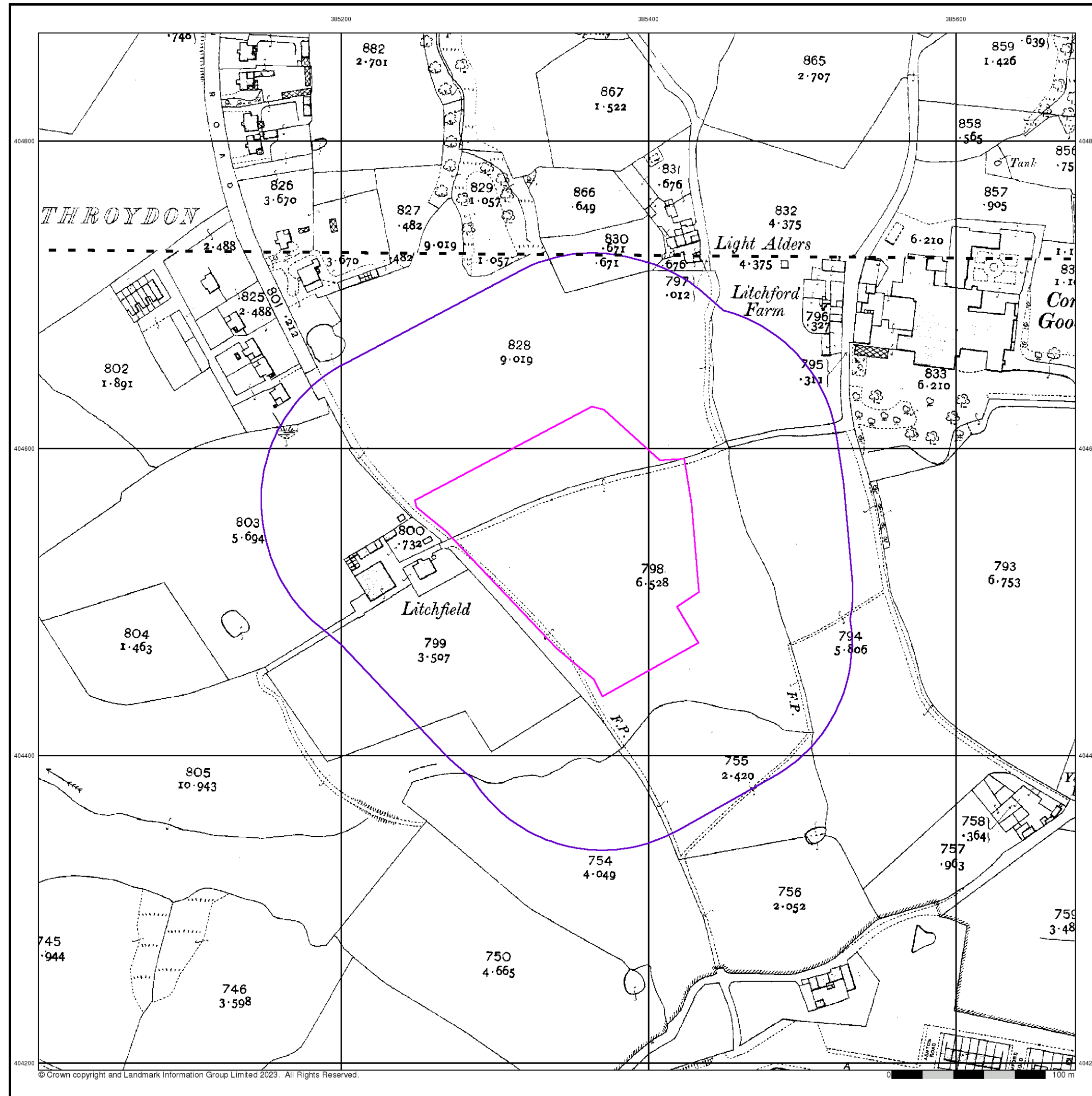
Order Details

Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

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Lancashire And Furness

Published 1909

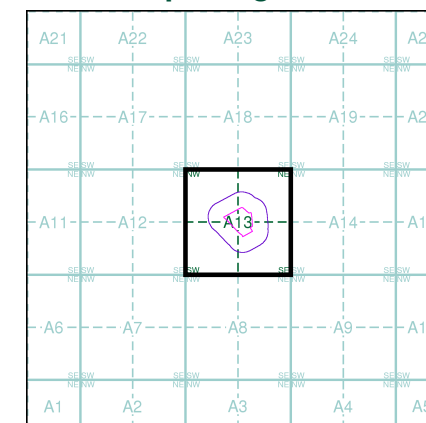
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

096_07
1909
1:2,500
096_11
1909
1:2,500

Historical Map - Segment A13



Order Details

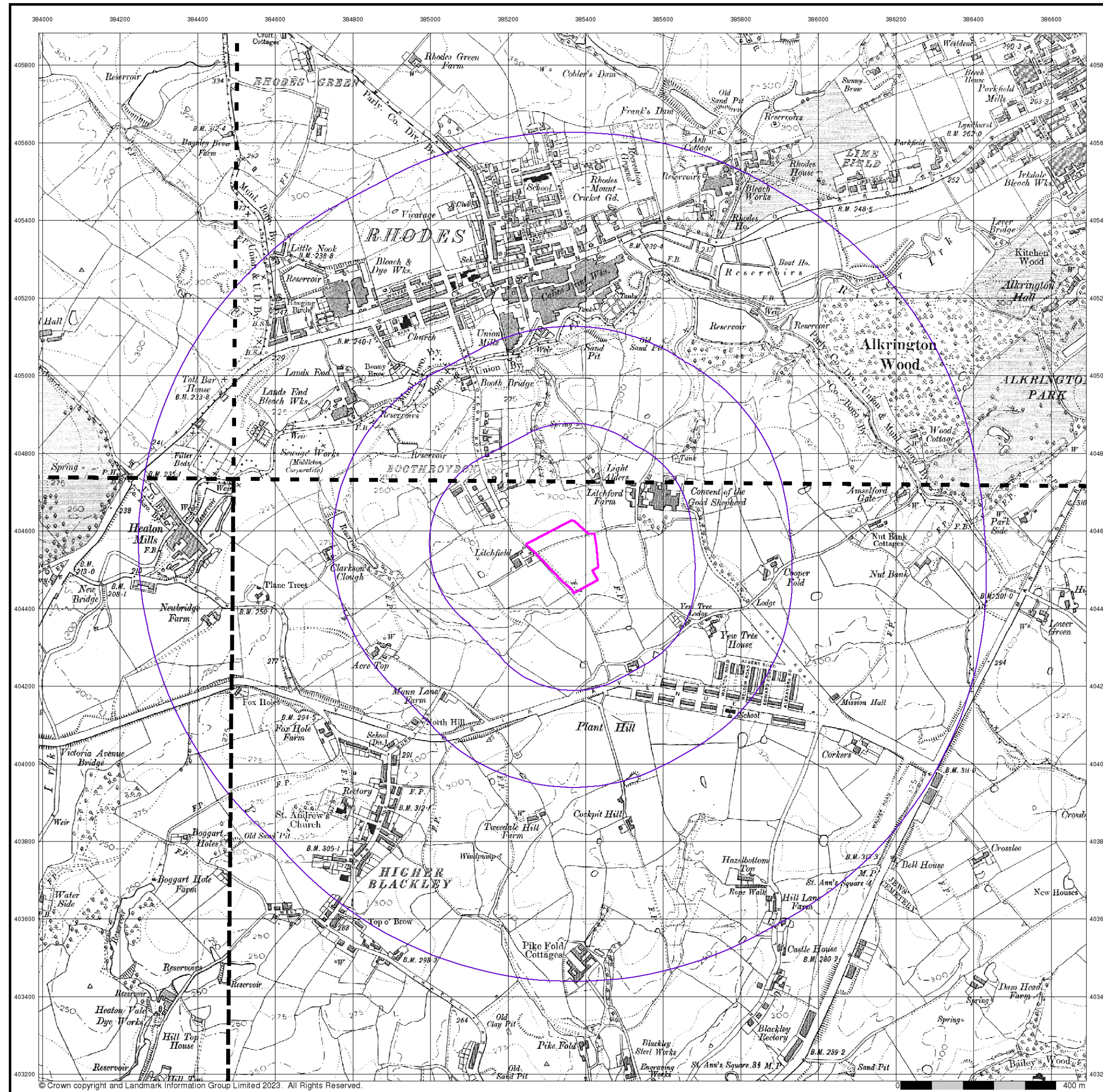
Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 100

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Lancashire And Furness

Published 1910

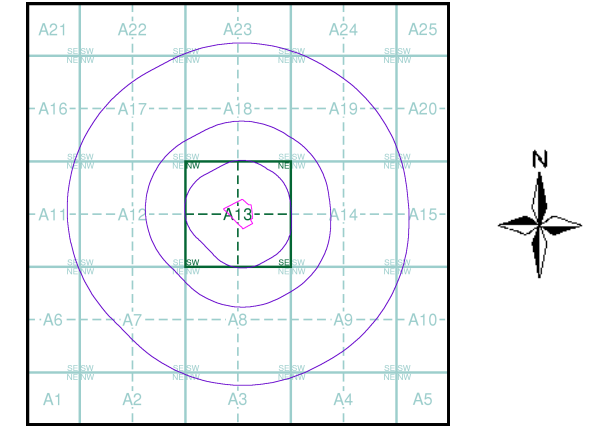
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

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

Historical Map - Slice A

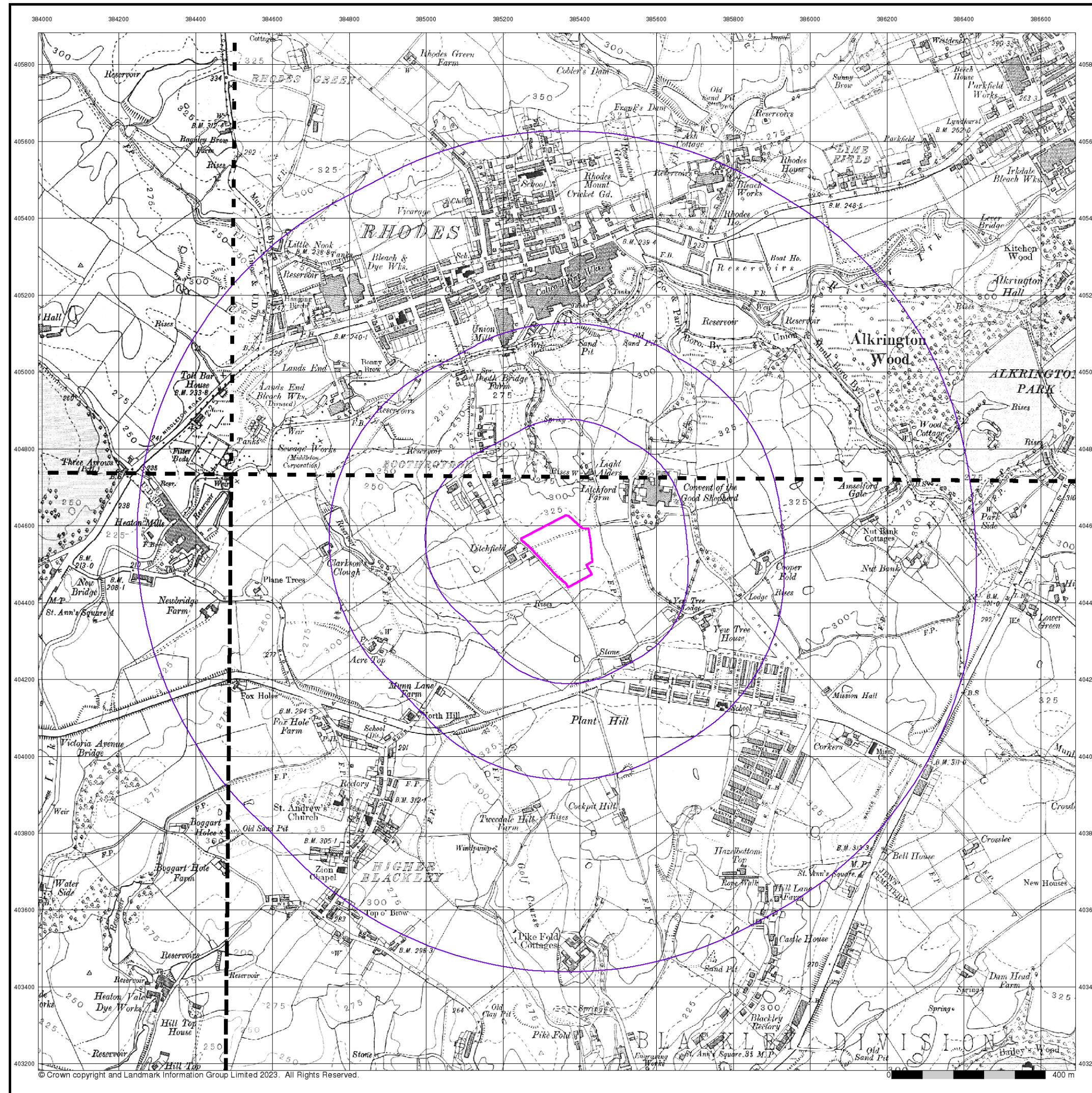


Order Details

Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

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Published 1923

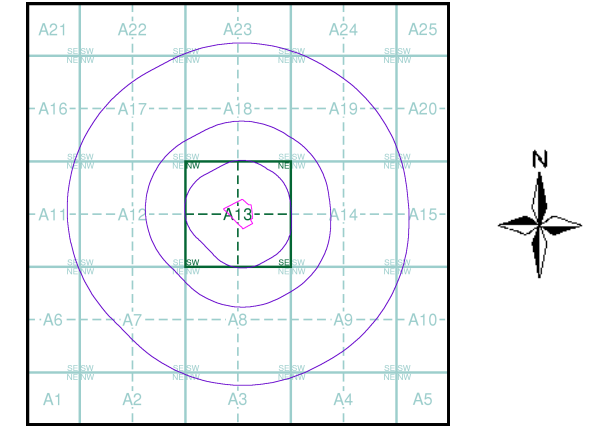
Source map scale - 1:10,560

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)

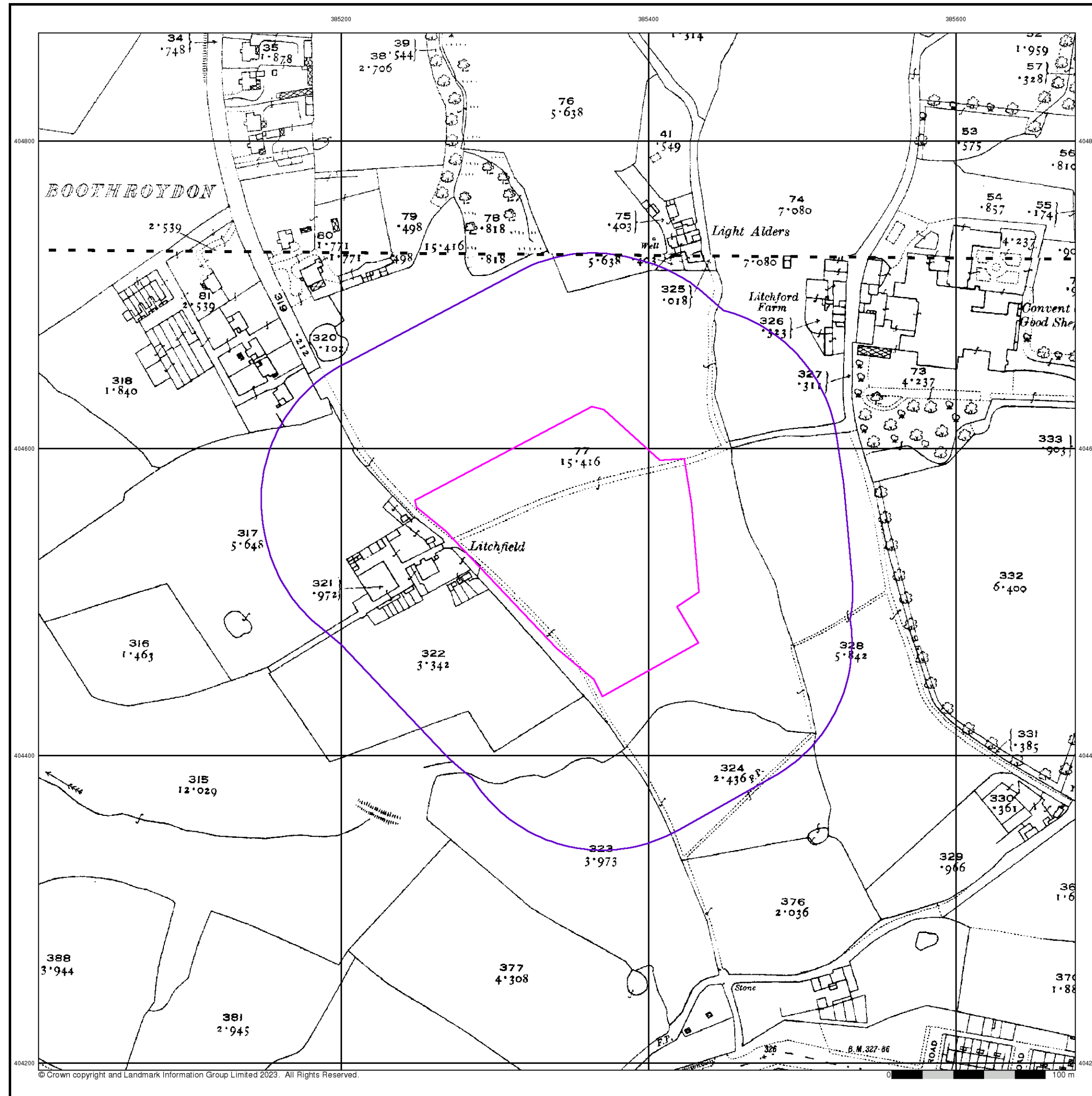
096NW 1923 1:10,560	096NE 1923 1:10,560
096SW 1923 1:10,560	096SE 1923 1:10,560

Historical Map - Slice A



Order Details
Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

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Published 1932

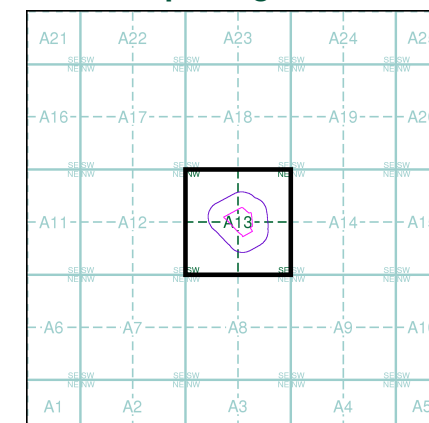
Source map scale - 1:2,500

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)

096_07
1932
1:2,500
096_11
1932
1:2,500

Historical Map - Segment A13



Order Details

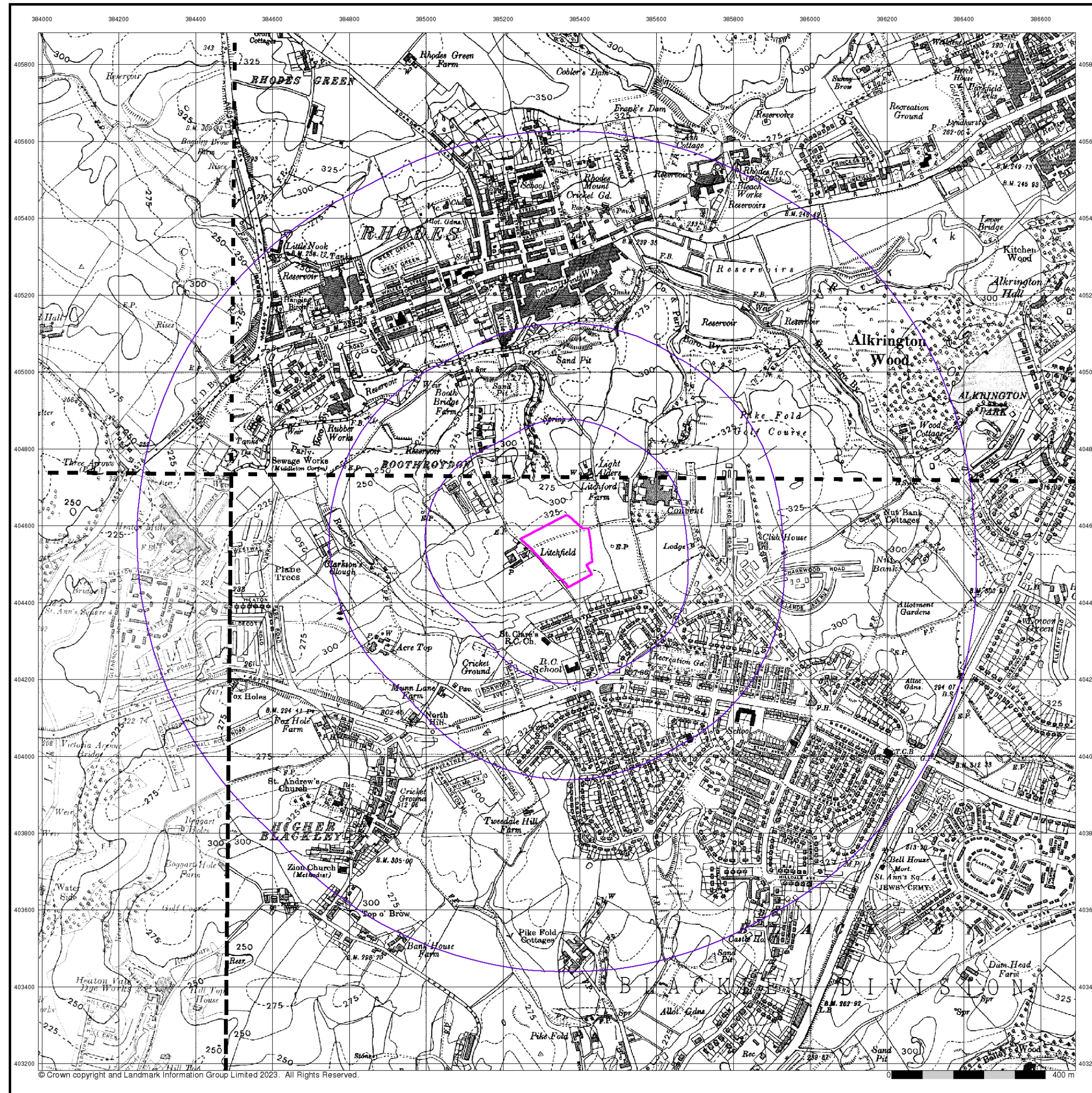
Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 100

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Published 1938

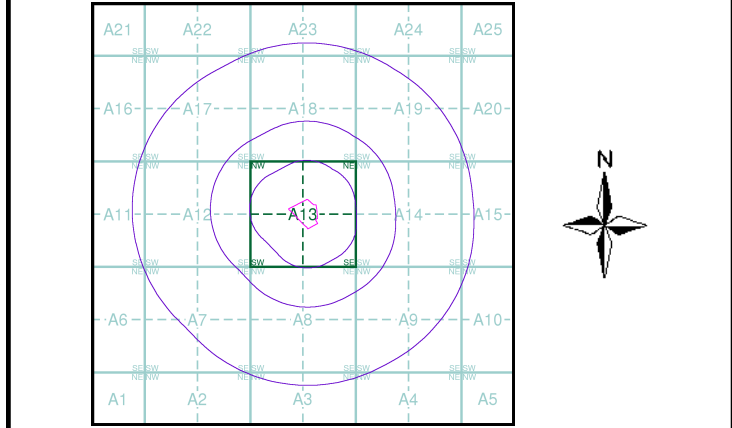
Source map scale - 1:10,560

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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



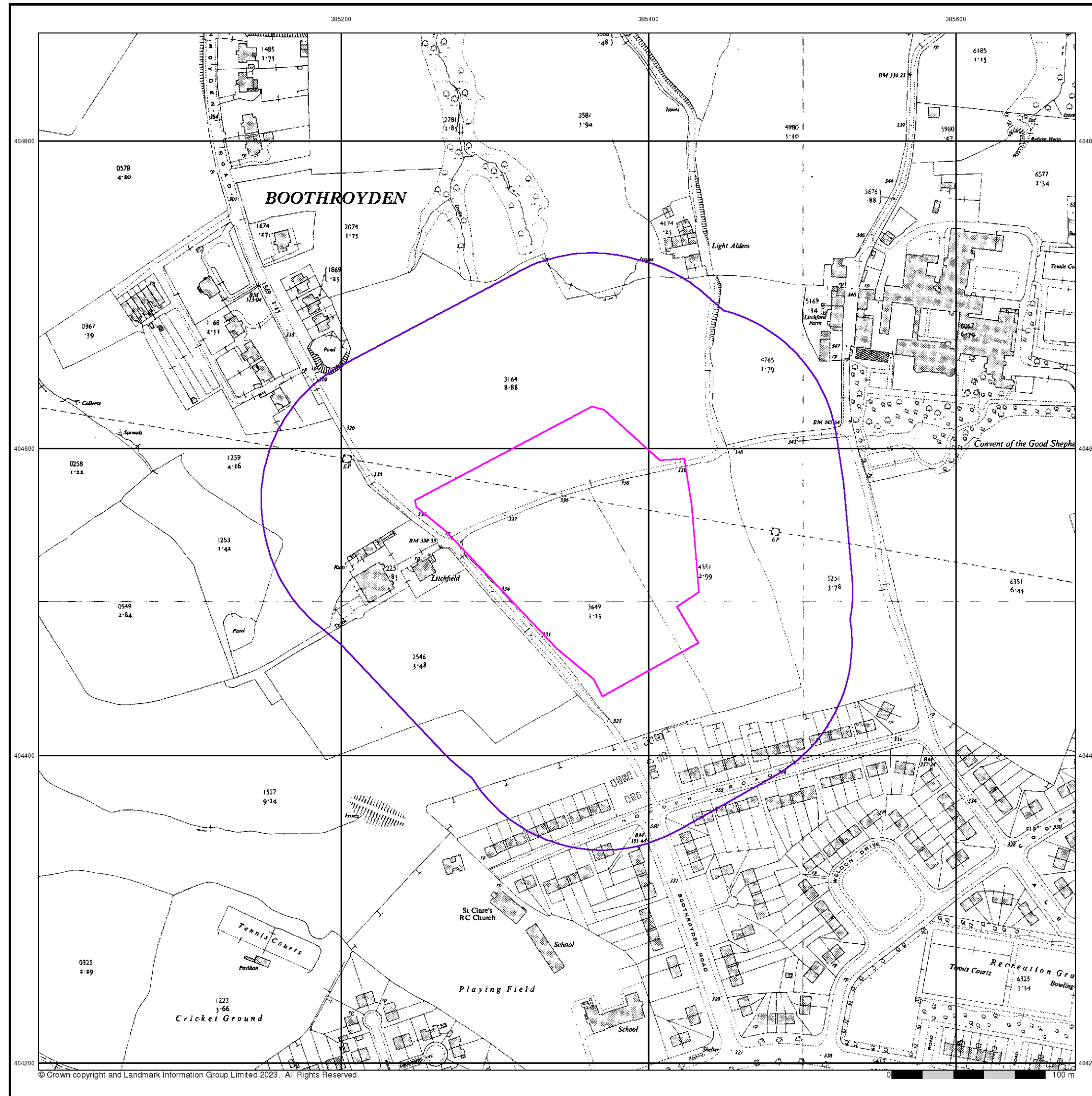
Order Details

Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

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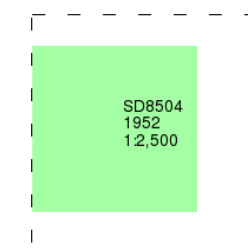
Ordnance Survey Plan

Published 1952

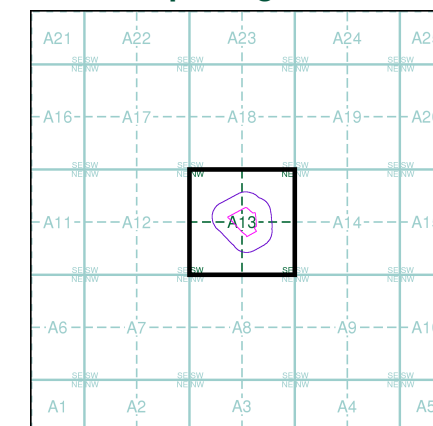
Source map scale - 1:2,500

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

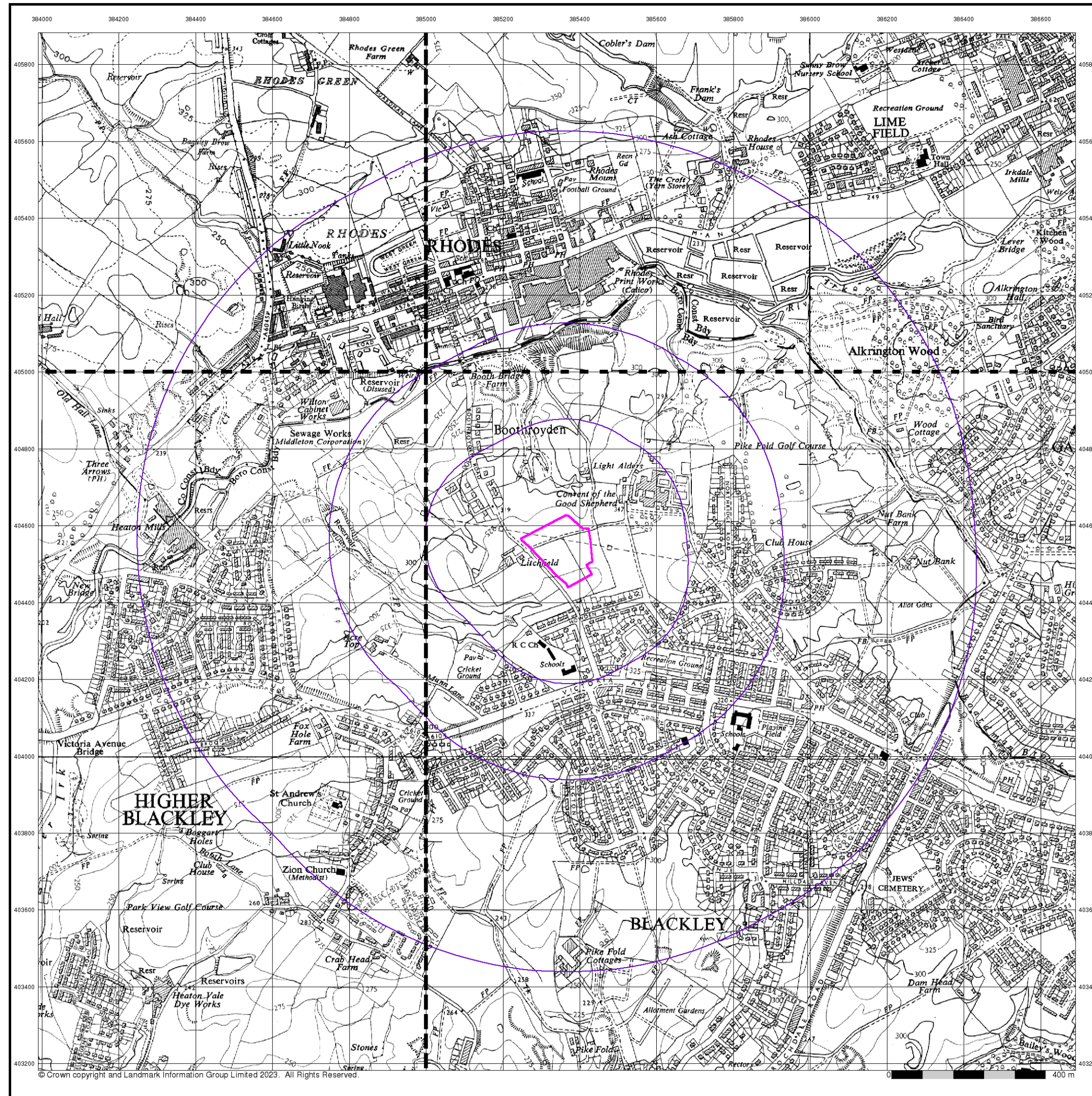
Order Number: 327520044_1_1
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Slice: A
Site Area (Ha): 2.03
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Ordnance Survey Plan

Published 1955 - 1956

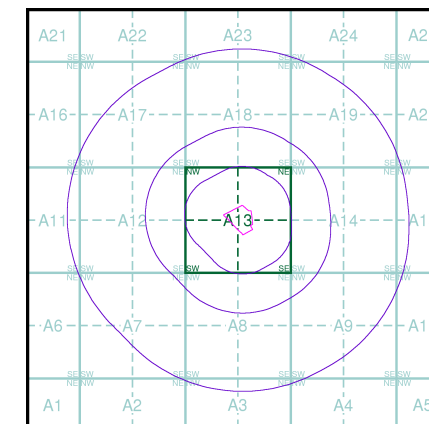
Source map scale - 1:10,000

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

Historical Map - Slice A



Order Details

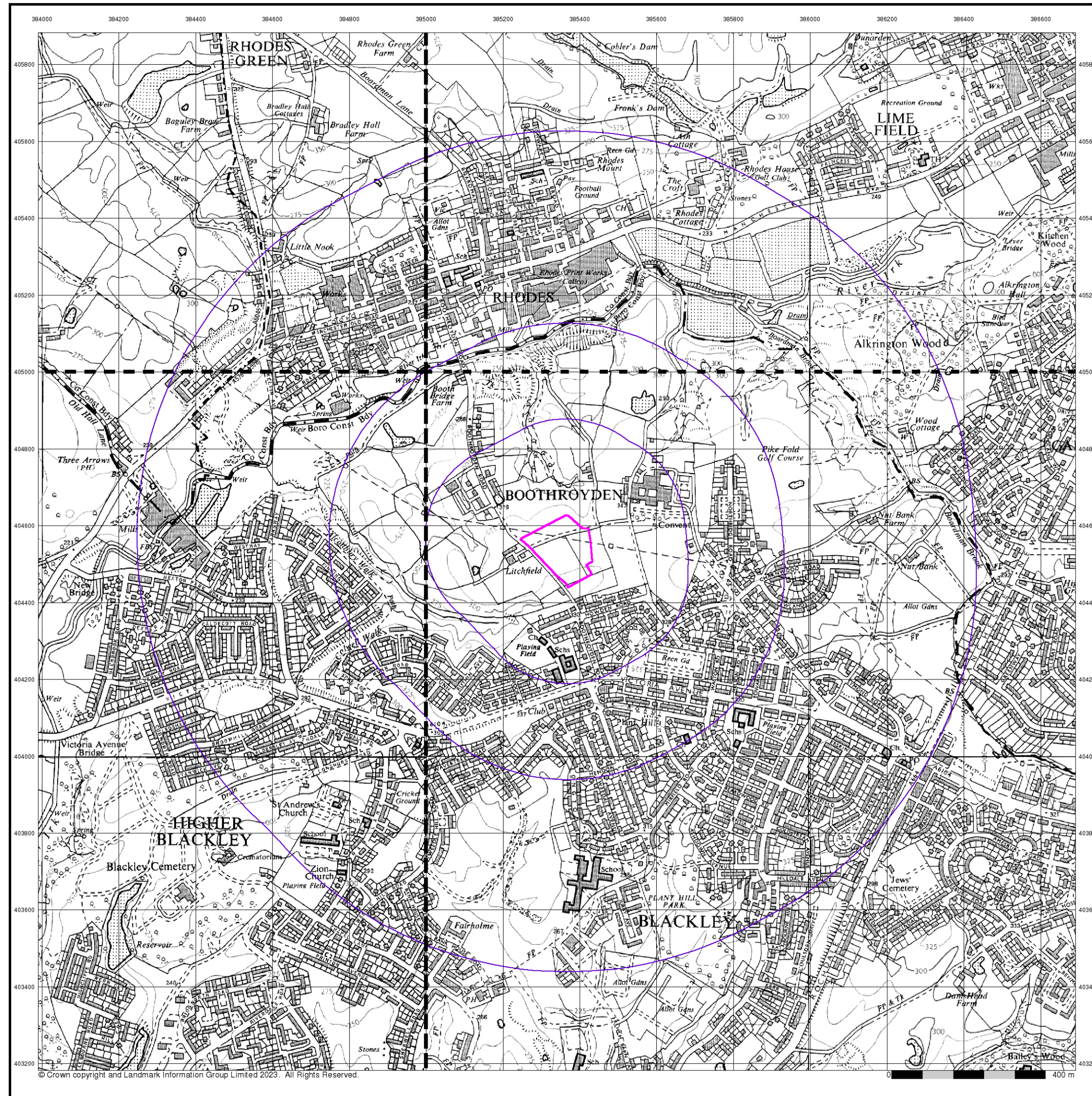
Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

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Ordnance Survey Plan

Published 1965 - 1968

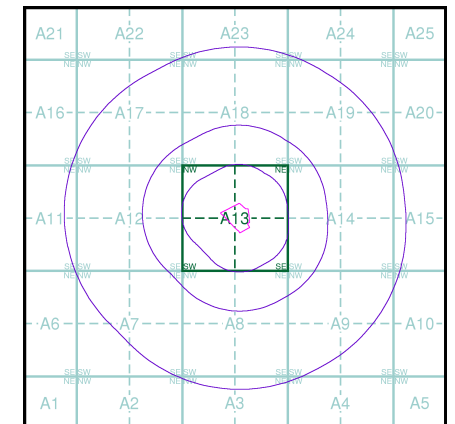
Source map scale - 1:10,000

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	SD80NE
1965	1965
1:10,560	1:10,560
SD80SW	SD80SE
1968	1966
1:10,560	1:10,560

Historical Map - Slice A



Order Details

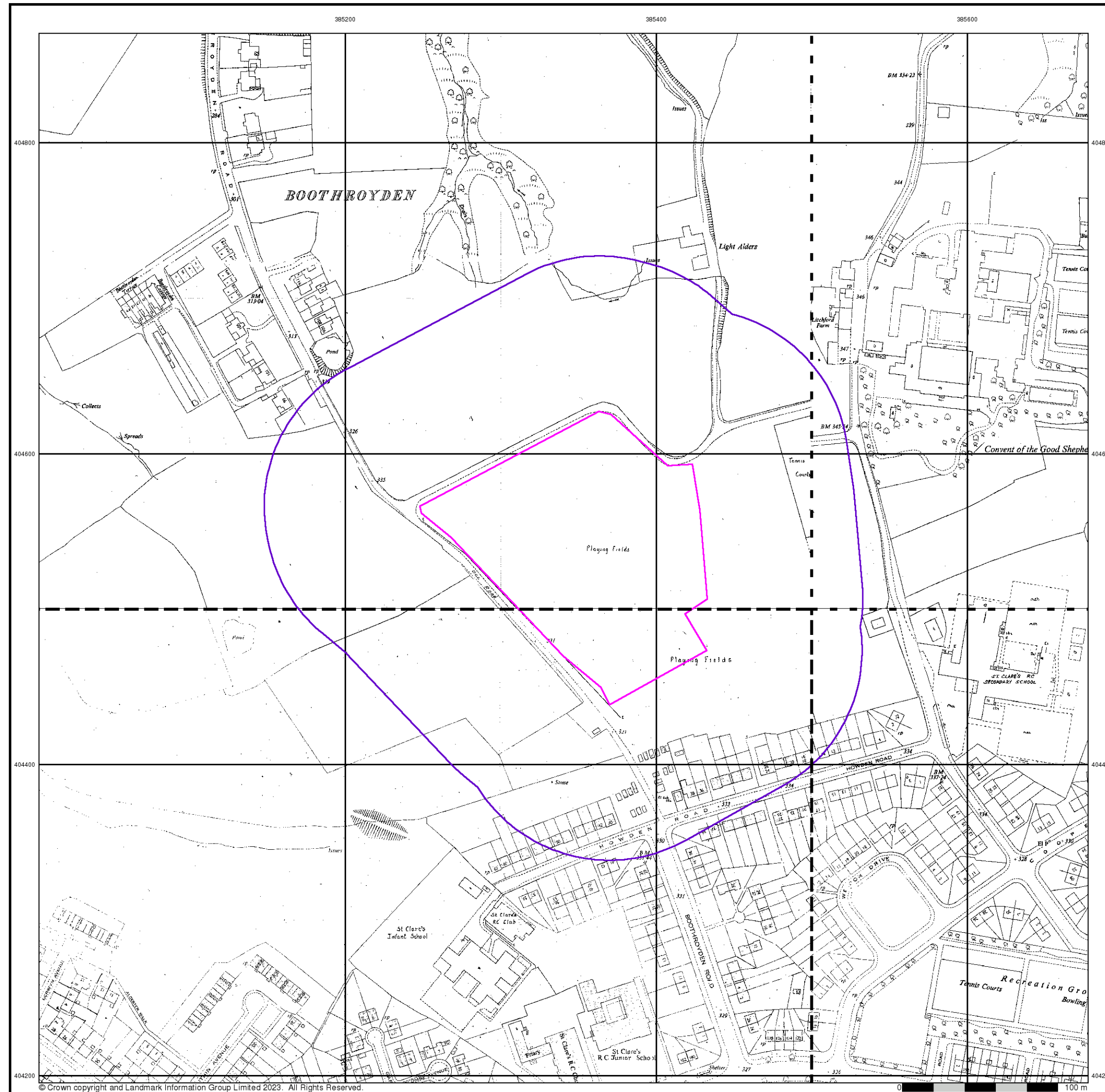
Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

Site Details

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Supply of Unpublished Survey Information

Published 1974 - 1976

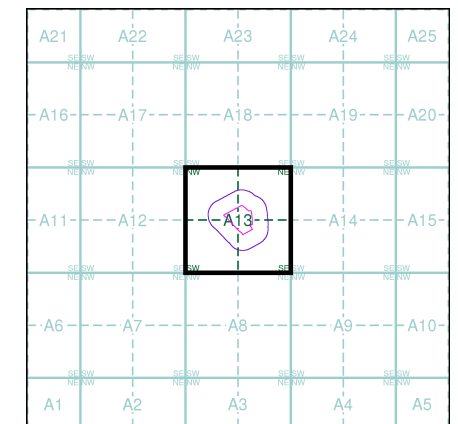
Source map scale - 1:1,250

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)

SD8504NW 1976 1:1,250	SD8504NE 1974 1:1,250
SD8504SW 1976 1:1,250	SD8504SE 1976 1:1,250

Historical Map - Segment A13

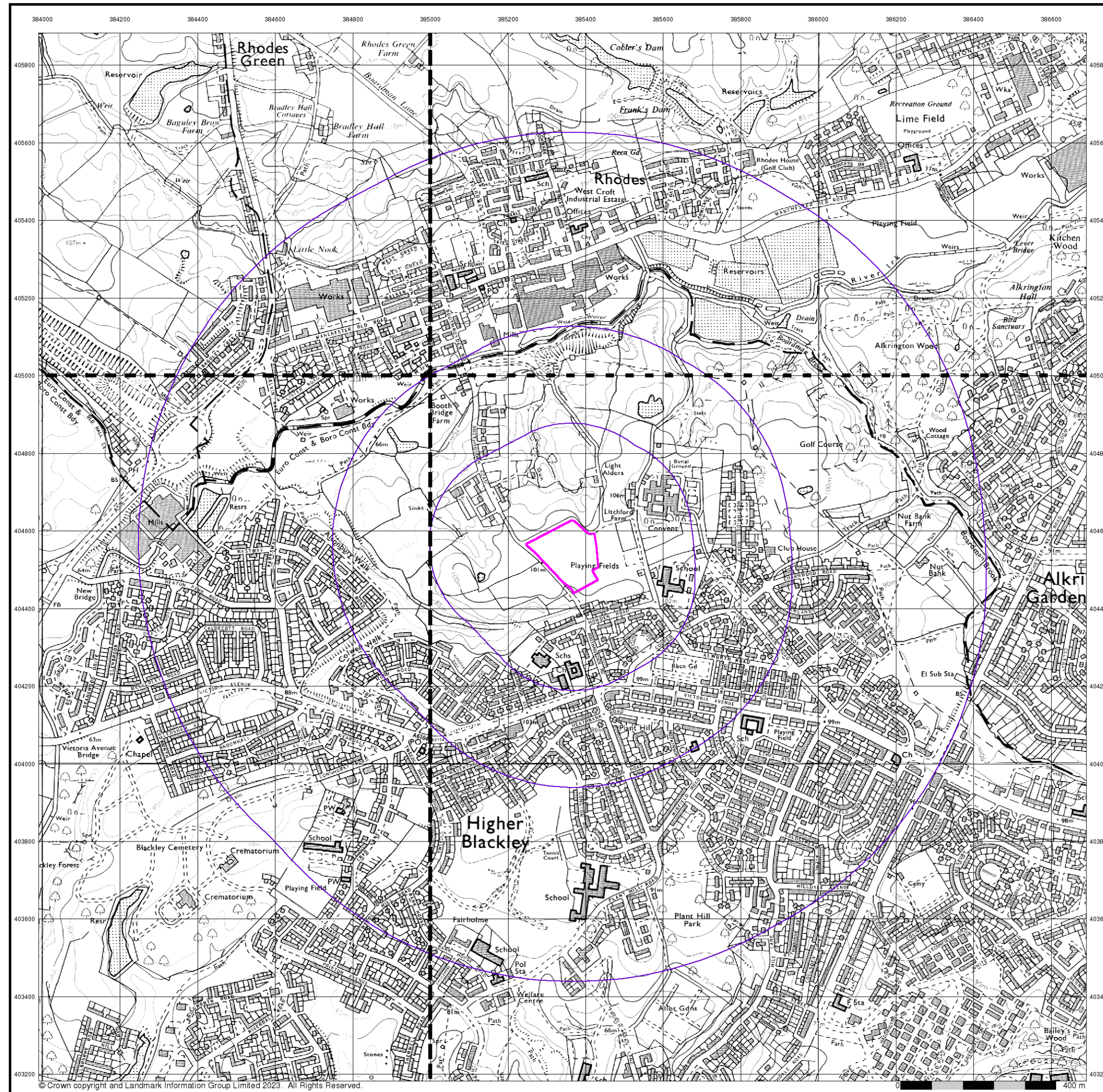


Order Details

Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 100

Site Details

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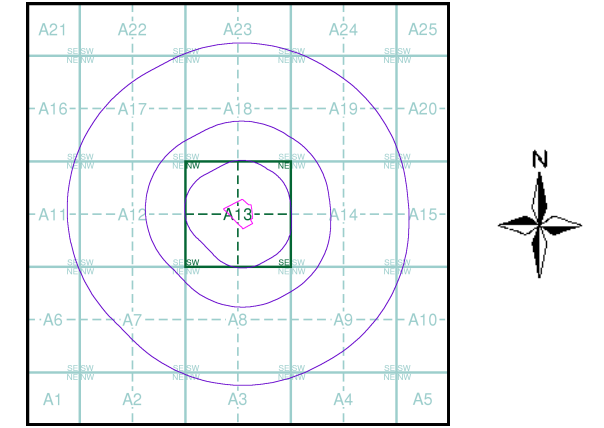
Ordnance Survey Plan Published 1982 - 1986 Source map scale - 1:10,000

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

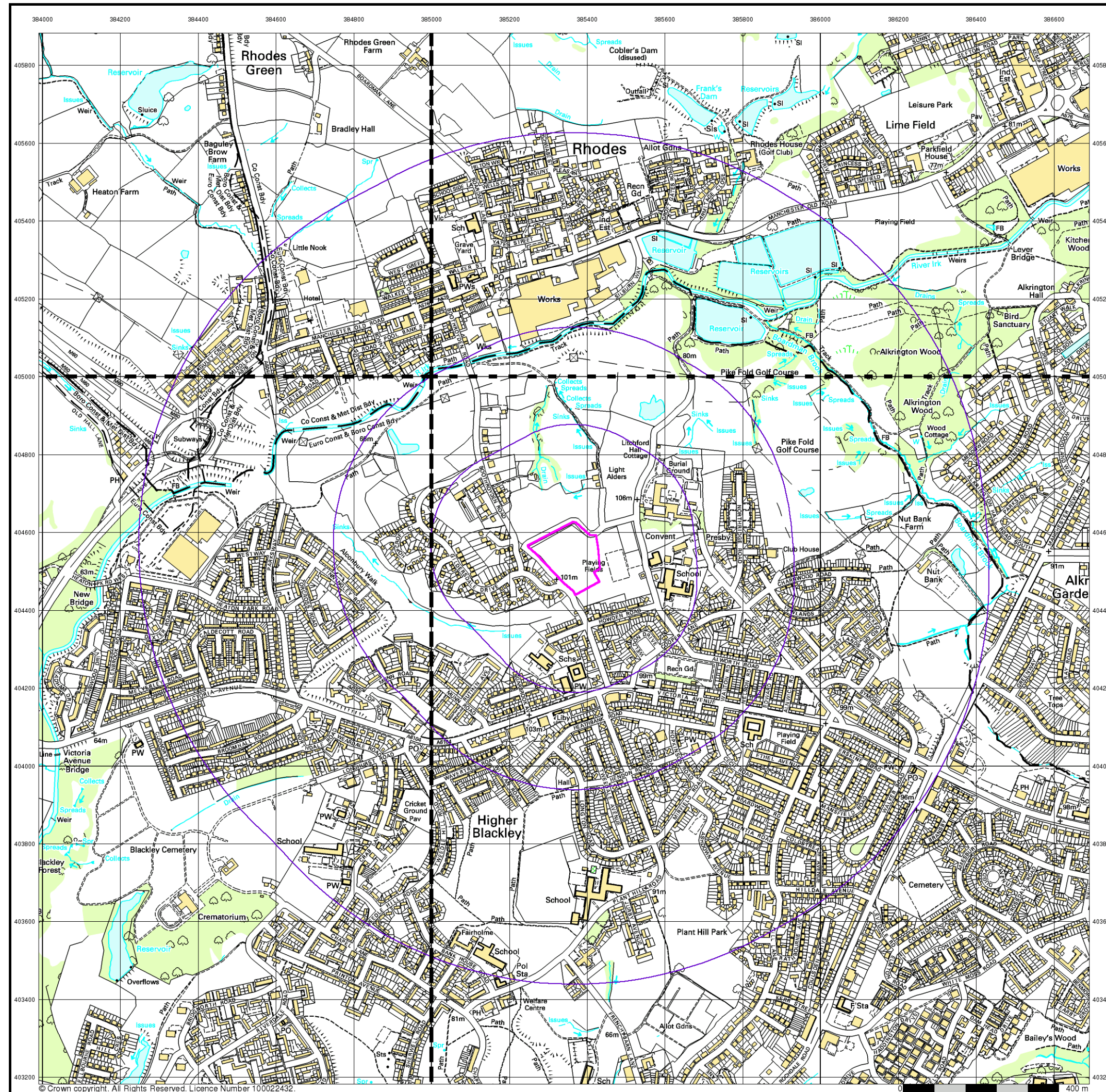
Historical Map - Slice A



Order Details
Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
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10k Raster Mapping

Published 1999

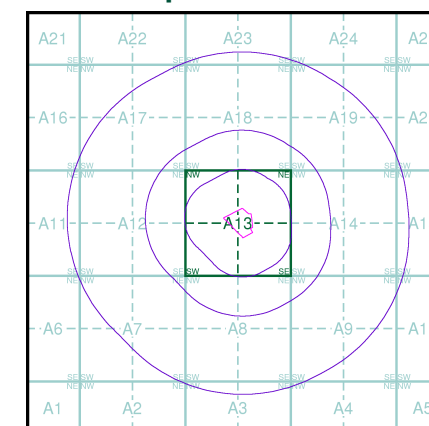
Source map scale - 1:10,000

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)

Quadrant	SD80NW	SD80NE
SD80SW	SD80SE	

Historical Map - Slice A



Order Details

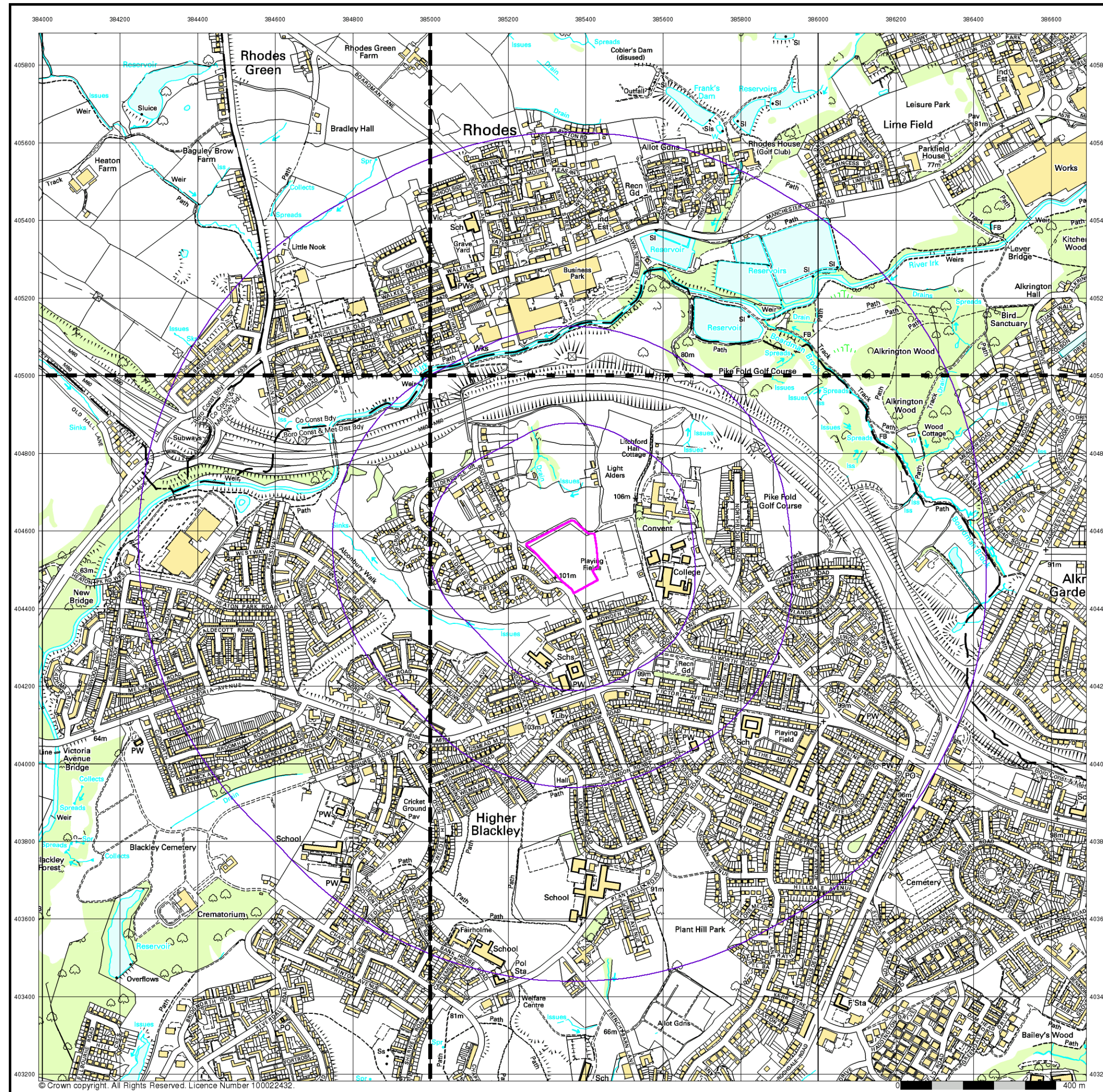
Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

Site Details

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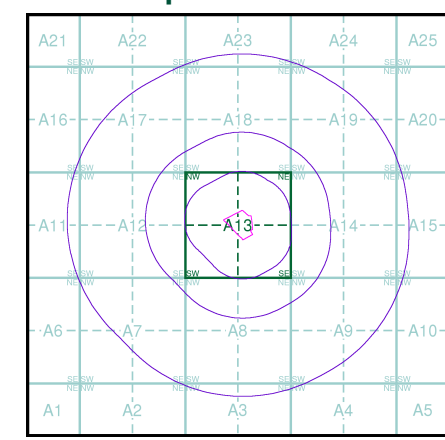
10k Raster Mapping
Published 2006
Source map scale - 1:10,000

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

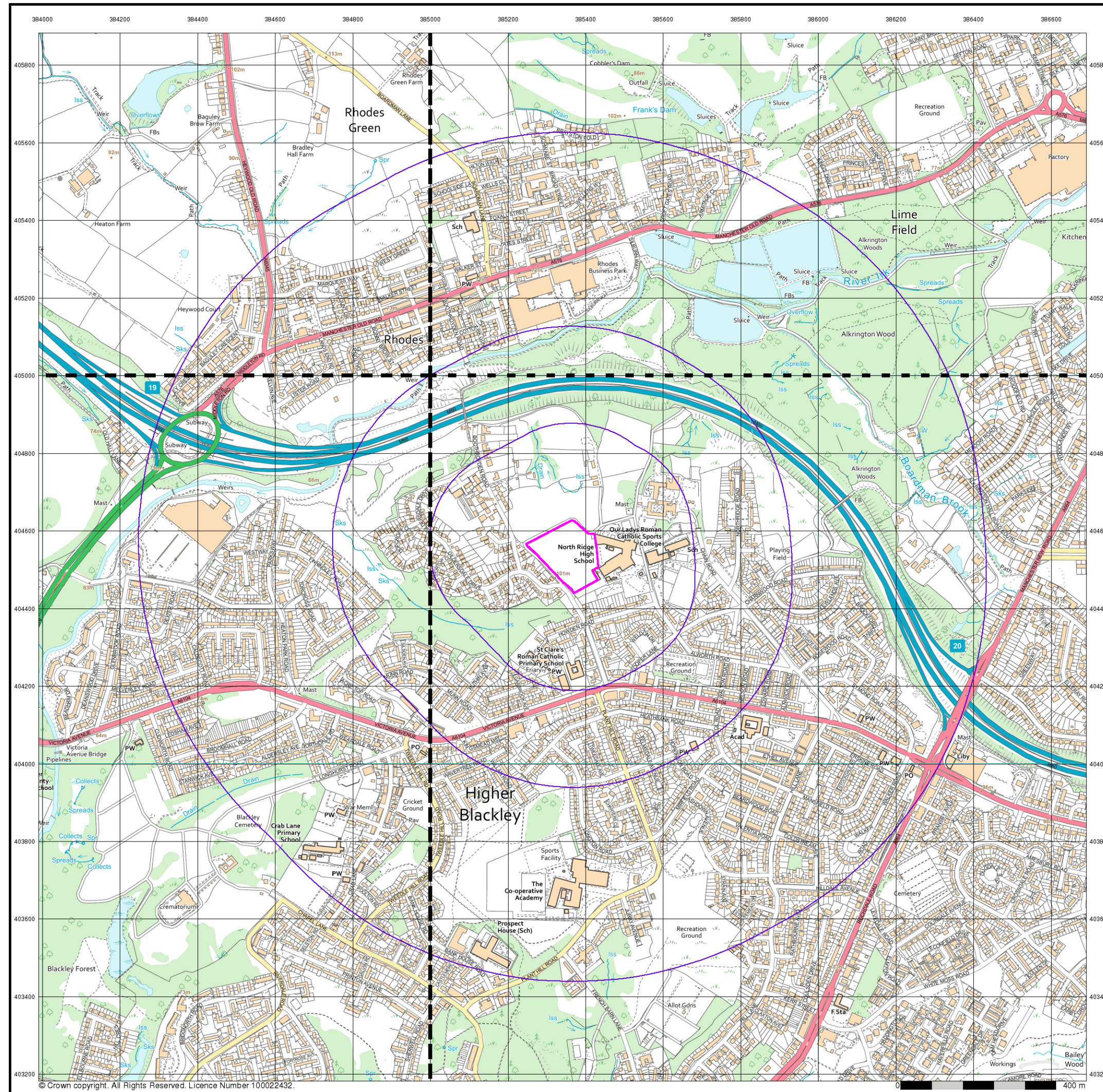
Historical Map - Slice A



Order Details
Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 1000

Site Details
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VectorMap Local

Published 2023

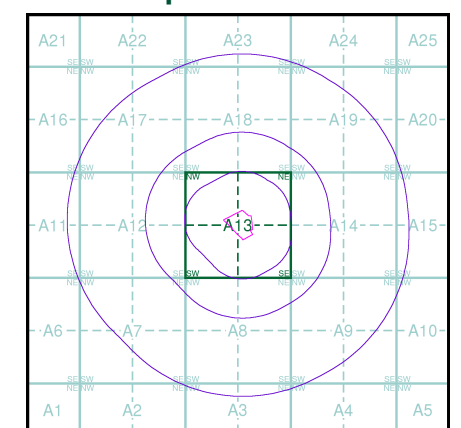
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SD80NW	SD80NE
2023	2023
Variable	Variable
SD80SW	SD80SE
2023	2023
Variable	Variable

Historical Map - Slice A



Order Details

Order Number: 327520044_1_1
Customer Ref: 4465-23
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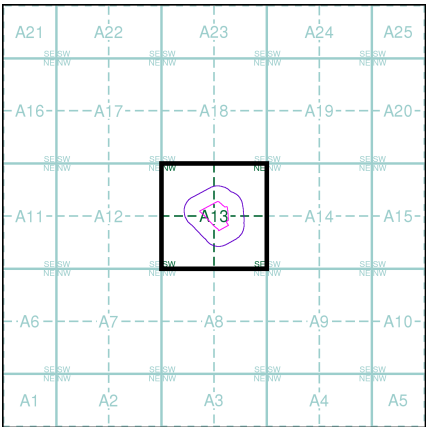


Historical Aerial Photography

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



Order Details

Order Number: 327520044_1_1
Customer Ref: 4465-23
National Grid Reference: 385350, 404540
Slice: A
Site Area (Ha): 2.03
Search Buffer (m): 100

Site Details

Our Lady's R C High School, Alworth Road, MANCHESTER, M9 0RP

APPENDIX 5
COAL AUTHORITY REPORT

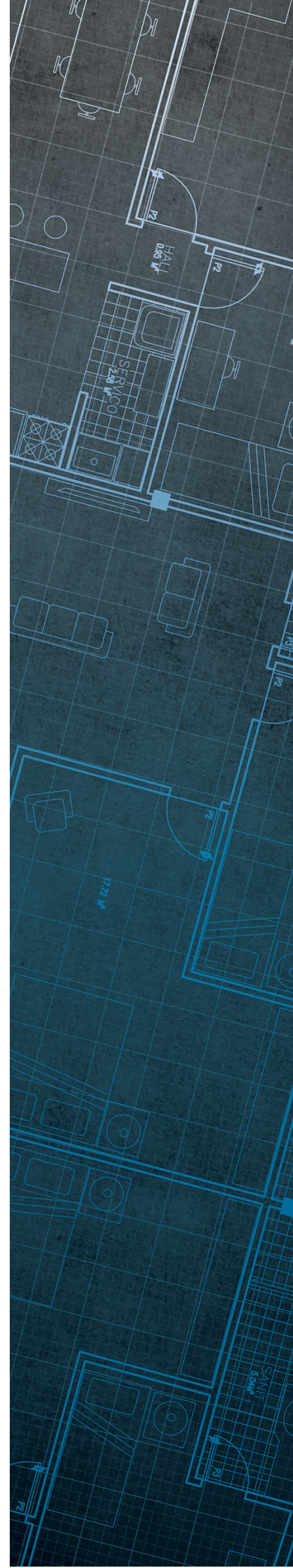


The Coal
Authority

Consultants Coal Mining Report

Our Lady'S R C High School, Alworth
Road
Manchester
Greater Manchester
M9 0RP

Date of enquiry:	6 December 2023
Date enquiry received:	6 December 2023
Issue date:	6 December 2023
Our reference:	51003393602001
Your reference:	327520044_2



Consultants

Coal Mining Report

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

Client name

NLIS Hub

Enquiry address

Our Lady'S R C High School, Alworth Road
Manchester
Greater Manchester
M9 0RP

How to contact us

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

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

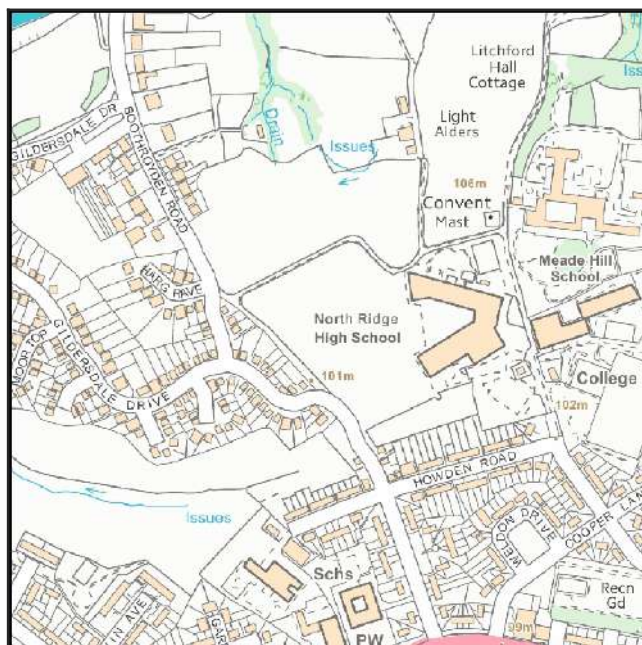
www.groundstability.com

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

No past mining recorded.

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

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

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

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

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

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

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

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

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

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

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

Withdrawal of support notices

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

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

Payments to owners of former copyhold land

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

Section 4 – Further information

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

Future development

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

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

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk**.

Past underground coal mining

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

Probable unrecorded shallow workings

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

Spine roadways at shallow depth

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

Mine entries

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

Abandoned mine plan catalogue numbers

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

Outcrops

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

Geological faults, fissures and breaklines

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

Opencast mines

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

Coal Authority managed tips

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

Site investigations

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

Remediated sites

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

Coal mining subsidence

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

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

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

Mine gas

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

Mine water treatment schemes

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

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

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

Future underground mining

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

Coal mining licensing

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

Court orders

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

Section 46 notices

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

Withdrawal of support notices

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

Payment to owners of former copyhold land

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

APPENDIX 6

RISK ASSESSMENT MATRIX

Preliminary Risk Assessment Methodology (After NHBC Guidance for the Safe Development of Housing on Land Affected by Contamination (2008))

NHBC Guidance for the Safe Development of Housing on Land Affected by Contamination (2008) sets out a methodology for the estimation of risk.

At Phase I the risk estimation will take the form of a qualitative risk assessment, which will be entirely based on the conceptual model for each potential end-use of the site. Comments on level of uncertainty will also need to be included for each source-pathway-target linkage to allow the confidence in the assessed risks to be understood. The results of the qualitative risk assessment will allow the risk evaluation to be concisely described in the following chapters.

The methodology for risk evaluation is a qualitative method for interpreting the output for the risk estimation stage of the assessment. It involves the classification of the:

The magnitude of probability (i.e. likelihood).

[takes into account both the presence of the hazard and receptor and the integrity of the pathway]

The magnitude of the potential consequence (i.e. severity).

[takes into account both the potential severity of the hazard and the sensitivity of the receptor]

Classification of Probability

Classification	Definition	Examples
High likelihood (Hi)	There is a pollutant linkage and an event that either appears very likely in the short term and almost inevitable in the long term, or there is evidence at the receptor of harm or pollution.	<p>A) <i>Elevated concentrations of toxic contaminants are present in soils in the top 0.5m in a residential garden.</i></p> <p>B) <i>Ground/groundwater contamination could be present from chemical works, containing a number of USTs, having been in operation on the same site for over 50 years</i></p>
Likely (Li)	There is a pollutant linkage, and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term.	<p>A) <i>Elevated concentrations of toxic contaminants are present in soils at depths of 0.5-1.0m in a residential garden, or the top 0.5m in public open space.</i></p> <p>B) <i>Ground/groundwater contamination could be present from an industrial site containing a UST present between 1970 and 1990. The tank is known to be single skin. There is no evidence of leakage although there are no records of integrity tests.</i></p>
Low likelihood (Lw)	There is a pollutant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place and is less likely in the short term.	<p>A) <i>Elevated concentrations of toxic contaminants are present in soils at depths >1m in a residential garden, or 0.5-1.0m in public open space.</i></p> <p>B) <i>Ground/groundwater contamination could be present on a light industrial unit constructed in the 1990s containing a UST in operation over the last 10 years – the tank is double skinned but there is no integrity testing or evidence of leakage.</i></p>
Unlikely (UI)	There is a pollutant linkage but circumstances are such that it is improbable that an event would occur even in the very long term.	<p>A) <i>Elevated concentrations of toxic contaminants are present below hardstanding.</i></p> <p>B) <i>Light industrial unit <10 yrs old containing a double skinned UST with annual integrity testing results available.</i></p>

Preliminary Risk Assessment Methodology (After NHBC Guidance for the Safe Development of Housing on Land Affected by Contamination (2008))

Classification of Consequence

	Definition	Examples
Severe (Sv)	<p>Highly elevated concentrations likely to result in “significant harm” to human health as defined by the EPA 1990, Part 2A, if exposure occurs. A Category 1: Human Health risk is present.</p> <p>Equivalent to EA Category 1 pollution incident including persistent and/or extensive effects on water quality; leading to closure of a potable abstraction point major impact on amenity value or major damage to agriculture or commerce.</p> <p>Major damage to aquatic or other ecosystems, which is likely to result in a substantial adverse change in its functioning or harm to a species of special interest that endangers the long - term maintenance of the population.</p> <p>Catastrophic damage to crops, buildings or property.</p>	<p><i>Significant harm to humans is defined in circular 01/2006 as death, disease*, serious injury, genetic mutation, birth defects or the impairment of reproductive functions.</i></p> <p><i>Major fish kill in surface water from large spillage of contaminants from site.</i></p> <p><i>Highly elevated concentrations of List 1 and substances present in groundwater close to small potable abstraction (high sensitivity).</i></p> <p><i>Explosion, causing building collapse (can also equate to immediate human health risk if buildings are occupied).</i></p>
Medium (Md)	<p>Elevated concentrations which could result in “significant harm” to human health as defined by the EPA 1990, Part 2A if exposure occurs. A Category 2: Human Health risk is present.</p> <p>Equivalent to EA Category 2 pollution incident including significant effect on water quality; notification required to abstractors; reduction in amenity value or significant damage to agriculture or commerce.</p> <p>Significant damage to aquatic or other ecosystems, which may result in a substantial adverse change in its functioning or harm to a species of special interest that may endanger the long-term maintenance of the population.</p> <p>Significant damage to crops, buildings or property.</p>	<p><i>Significant harm to humans is defined in circular 01/2006 as death, disease* serious injury, genetic mutation, birth defects or the impairment of reproductive functions.</i></p> <p><i>Damage to building rendering it unsafe to occupy e.g. foundation damage resulting in instability.</i></p> <p><i>Ingress of contaminants through plastic potable water pipes.</i></p>
Mild (MI)	<p>Exposure to human health unlikely to lead to “significant harm”. A Category 3 Human Health risk is present.</p> <p>Equivalent to EA Category 3 pollution incident including minimal or short lived effect on water quality; marginal effect on amenity value, agriculture or commerce</p> <p>Minor or short lived damage to aquatic or other ecosystems, which is unlikely to result in a substantial adverse change in its functioning or harm to a species of special interest that would endanger the long-term maintenance of the population</p> <p>Minor damage to crops, buildings or property.</p>	<p><i>Exposure could lead to slight short - term effects (e.g. mild skin rash).</i></p> <p><i>Surface spalling of concrete.</i></p>
Minor (Mr)	<p>No measurable effect on humans. A Category 4: Human Health risk is present.</p> <p>Equivalent to insubstantial pollution incident with no observed effect on water quality or ecosystems. Repairable effects of damage to buildings, structures and services.</p>	<p><i>The presence of contaminants at such concentrations that protective equipment is required during site works.</i></p> <p><i>The loss of plants in a landscaping scheme.</i></p> <p><i>Discoloration of concrete.</i></p>

* For these purposes, disease is to be taken to mean an unhealthy condition of the body or a part of it and can include, for example, cancer, liver dysfunction or extensive skin ailments. Mental dysfunction is included only insofar as it is attributable to the effects of a pollutant on the body of the person concerned.

The classification of consequence does not take into account the probability of the consequence being realized. Therefore, there may be more than one consequence for a particular pollutant linkage. Both a severe and medium classification can result in death. Severe relates to short term (acute) risk while medium relates to long

Preliminary Risk Assessment Methodology (After NHBC Guidance for the Safe Development of Housing on Land Affected by Contamination (2008))

term (chronic) risk. Mild relates to significant harm but to less sensitive receptors. Minor classification relates to harm which is not significant but could have a financial cost.

The classification gives a guide as to the severity and consequence of identified risk when compared with other risk presented on the site. It should be noted that if a risk is identified it cannot be classified as “no risk” but as “very low risk”. Differing stakeholders may have a different view on the acceptability of a risk.

Risk Evaluation Matrix

		Consequence			
		Severe (Sv)	Medium (Md)	Mild (Mi)	Minor (Mr)
Probability	High likelihood (Hi)	Very high risk (VH)	High Risk (H)	Moderate Risk (M)	Mod/low risk (M/L)
	Likely (Li)	High risk (H)	Moderate risk (M)	Mod/low risk (M/L)	Low risk (L)
	Low likelihood (Lw)	Moderate risk (M)	Mod/low risk (M/L)	Low risk (L)	Very low risk (VL)
	Unlikely (UI)	Mod/low risk (M/L)	Low risk (L)	Very low risk (VL)	Very low risk (VL)

Risk Categorizations

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

Reference

Rudland, D J, Lancefield, R M, Mayell, P N; 2001; Contaminated land Risk Assessment. A guide to Good Practice; CIRIA Report C552.

The NHBC (National House-Building Council) the Environment Agency and the Chartered Institute of Environmental Health, 2008, Guidance for the Safe Development of Housing on Land Affected by Contamination R&D66.