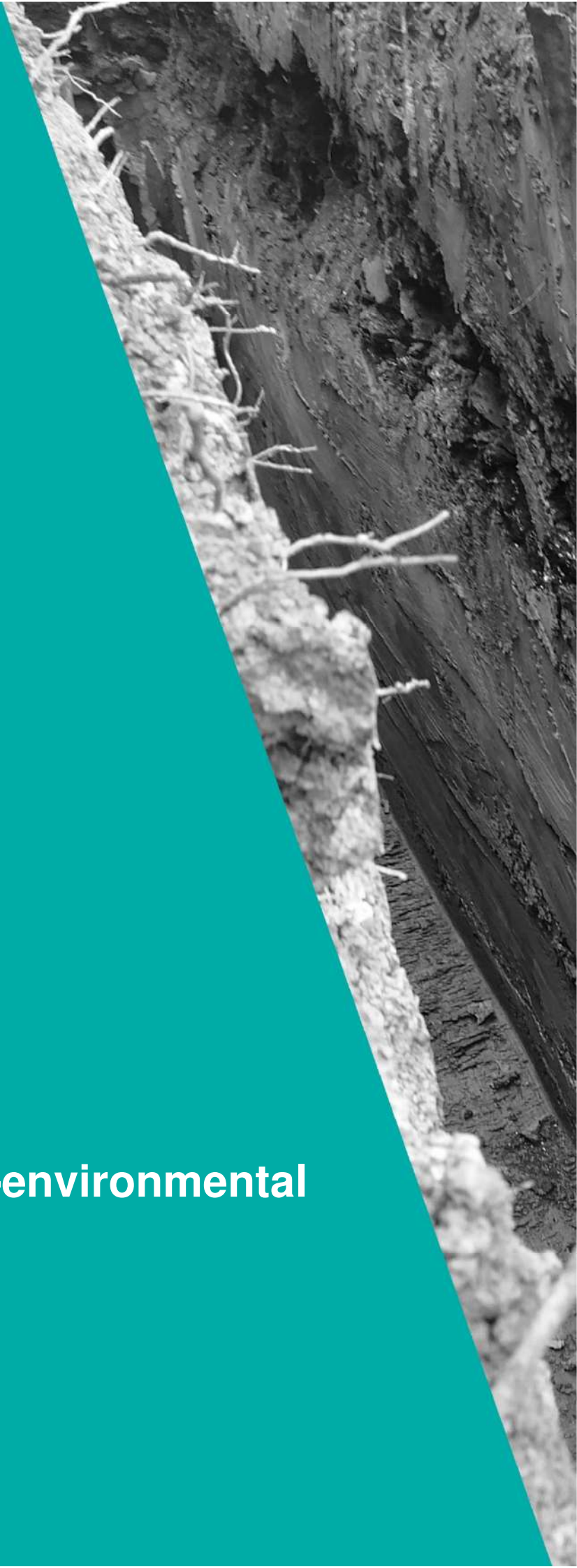


Phase 1 Geotechnical & Geo-environmental Site Investigation

PENISTONE ROAD, BIRDSEDGE

YORKSHIRE LAND LIMITED

29 MARCH 2026



**PHASE 1
GEOTECHNICAL AND GEO-ENVIRONMENTAL
SITE INVESTIGATION**

PENISTONE ROAD, BIRDSEDGE

FOR

YORKSHIRE LAND LIMITED

ISSUE 2



50175-ECE-XX-XX-RP-C-0002

29 MARCH 2026

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**PHASE 1
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APPENDICES

Appendix 1	Landmark Envirocheck
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1.0 EXECUTIVE SUMMARY

1. The 3.17-hectare site is located to the north east of Penistone Road in Birdsedge, West Yorkshire. The site is centred on grid reference 420330, 407860. It is proposed to develop the site with low rise residential properties which are expected to be of conventional construction.
2. The site currently comprises agricultural fields. Historically, no development is indicated to have taken place on the site. The surrounding area is agricultural and residential in use, with a small textile mill located to the north west.
3. The solid geology below the site is shown to comprise the Grenoside Sandstone of the Pennine Lower Coal Measures Formation. No superficial deposits are recorded to be present.
4. The site is not expected to be affected by shallow or deep mining.
5. The ground conditions on the site are expected to comprise topsoil overlying gravelly sand, with sandstone bedrock expected from depths of around 1.0-1.5 m below surface. Made ground is not expected to be present on the site.
6. For the proposed plots, strip/trench fill footings are considered likely to be appropriate at a minimum depth of between 0.6 and 0.75 m bgl. Footings are not expected to require deepening near to trees, given the expected granular nature of the ground.
7. At this stage, it is expected that ground bearing slabs will be appropriate for the proposed development where there will be less than 600mm of made ground/filled ground below the slab.
8. The anticipated ground conditions suggest soakaways may be suitable for use. However, initial testing has indicated that infiltration drainage may not be suitable in all areas of the site. Further testing may be required if the use of infiltration drainage is to be pursued. Alternatively, a surface water outfall to a watercourse or sewer will need to be considered.
9. Additional infiltration testing is recommended to assess the feasibility of surface water discharge by soakaways.
10. Groundwater is generally not expected to be encountered at shallow depth below the site.
11. No radon protective measures are necessary on the site.

12. The site is not expected to be at risk from the generation or migration of ground/landfill gases, and as such gas monitoring and/or gas protective measures are not expected to be required at this stage.
13. DS-2 AC-2 sulphate precautions should be allowed for in below-ground concrete at this stage.
13. Made ground is not expected on site, but if it is encountered, a minimum 600 mm thick clean capping should be allowed for in any gardens or soft landscaping areas which overlie it.
14. The existing topsoil and subsoil is expected to be suitable for reuse, subject to testing.
15. Before more definite information regarding the properties of the ground and any contamination present can be given, an intrusive ground investigation will be required.

2.0 INTRODUCTION

2.1 Terms of Reference

This report presents the findings of a Phase 1 Geotechnical and Geo-environmental Site Investigation carried out by Eastwood & Partners (Consulting Engineers) Limited trading as Eastwood Consulting Engineers (ECE) for, and on the instructions of Yorkshire Land Limited. Any other parties using the information in this report do so at their own risk and any duty of care is excluded.

2.2 Context

ECE have undertaken infiltration testing on the site, with three trial pits being excavated. The results of this testing are discussed in our report reference 50175-ECE-XX-XX-RP-C-0001, dated March 2026.

We are not aware of any other previous investigations undertaken at the site.

2.3 Aims and Objectives

The aims and objectives of this investigation were as follows:

- To assimilate and review information extracted from published documentation and a site walkover to derive an outline conceptual model identifying potential contaminants, pathways and receptors, as well as possible linkages between these;
- To detail the expected ground conditions and their geotechnical properties enabling outline foundation proposals to be made for the proposed residential development; and
- To outline proposals for a Phase 2 intrusive investigation, if required, the purpose of which would be to obtain information to test the conceptual model and assess the risks to receptors as well as to confirm the foundation proposals.

2.4 Scope of Investigation

The investigation involved a review of information extracted from published documentation. Information regarding the current and former land uses both on and surrounding the site, as well as the environmental sensitivity of the location as determined by factors including geology, hydrogeology and hydrology have been examined.

Information analysed has been obtained from a variety of sources and included the following:

- A Landmark Envirocheck;

- Consultants Coal Mining Report;
- British Geological Survey maps and memoirs; and
- A site walkover.

2.5 Limitations of Investigation

This report is based on the assumption that the site will be developed with residential properties of conventional construction with private gardens and areas of soft landscaping. It is assumed that existing ground levels will not alter significantly. If this is not the case, then the advice given in this report may not be appropriate.

Where assessments of site areas affected in particular ways are given, these are approximate. All information, comments and opinions given in this report are based on the documentary information examined. This report considers the ground and groundwater and does not cover any buildings, their fabric or the constituents of any hardstanding. Risks to ecological receptors, such as bats, have not been considered.

3.0 THE SITE

3.1 Description

The site has an area of approximately 3.17 hectares and is located to the north east of Penistone Road in Birdsedge, West Yorkshire, around 6 miles south east of Huddersfield. The site is centred on grid reference 420330, 407860.

A topographical survey provided to us indicates the site slopes down towards the north east, from approximately 270 m AOD on the south western boundary, to approximately 256 m AOD in the north of the site at a gradient of around 1 in 11.

The site currently comprises agricultural fields. The site boundaries comprise hedgerows, walls and adjacent fields. On the northwestern boundary, a former mill is present, which now appears to have been partially converted to residential properties, and on the southeastern boundary a row of houses is present. Further housing and a school are present to the west of the site, along Penistone Road, which runs along the sites southwest boundary. The River Dearne is located just to the north of the site, flowing west to east.

A series of manholes/service covers are present in the west of the site, near to the boundary with Penistone Road. With reference to service plans, these are associated with large (>4") diameter water mains, which enter the site on the southern boundary opposite Birds Edge Lane, and run north eastwards across the site, leaving the site on the northern boundary. The mains run parallel with one another through the site, but diverge slightly around the southern boundary.

3.2 History

Historical Ordnance Survey maps have been reviewed in the Envirocheck to assess the previous use of the site and surrounding area. The maps, together with the Envirocheck, can be found in the Appendix.

3.2.1 The Site

The earliest historical map, dated 1851, indicates the whole of the site to be undeveloped agricultural land, comprising two fields with the boundary crossing the centre of the site, trending roughly north east to south west. By 1999 the site has been merged into one field.

Over the whole series of OS maps inspected, the site appears undeveloped and relatively unchanged.

3.2.2 The Surrounding Area

The earliest historical map, dated 1851, shows the surrounding area to predominantly comprise agricultural land with occasional small sandstone quarries, plantations, and reservoirs. A sandstone quarry and a woollen mill, Birds Edge Mill, are located in the adjacent group of buildings north west of the site. Penistone Road forms the south west boundary of the site. Residential buildings are shown south of the site, and the area is labelled Birds Edge. The River Dearne is shown 14 m north of the site, flowing west to east. A watercourse, named Jordan Beck, lies approximately 80 m south of the site, which meets the River Dearne, east of the site. A reservoir lies around 100 m north west of the site. The residential settlement of Park Head is located around 250 m north west of the site.

On the historical maps from 1892 to 1993, the sandstone quarry is no longer shown. Birds Edge Mill is labelled as producing 'Sealskin or Astrachan' fabrics. A small gasometer is located around 30 m north of the northern corner of the site. A school is located north west of the site, on the far side of Penistone Road. Scattered houses are shown in the vicinity of the site.

By 1906, Highfield Farm is shown 250 m south west of the site and a sandstone quarry is approximately 337 m to the north east.

By 1931, the gasometer to the north of the site has been removed, the quarry to the north east is no longer shown. A post office has been built adjacent to the north west boundary of the site.

On the map from 1967, the buildings directly south of the site are labelled as Field Cottages and Birdsedge Farm.

By 1990, further residential properties have been built on the far side of Penistone Road, west of the site.

The surrounding area remains relatively unchanged to present day. The mill buildings remain to the north west, along with the reservoir, although it appears that some of the mill buildings have been converted to residential use.

3.3 Geology

The British Geological Survey (BGS) online geology viewer, 1:50,000 scale map Sheet 86 (Glossop) and 1:10,000 scale map sheet SE20NW (2006) have been reviewed.

These show the solid geology below the site to be a named sandstone unit of the Pennine Lower Coal Measures Formation (PLCM) – the Grenoside Sandstone, which is describes as a fine a fine-grained, thinly bedded, cross-laminated, micaceous and carbonaceous sandstone.

The angle of the dip is recorded on both scale of the maps, indicated at 3° to the south east. No faults are recorded to run across the site at surface.

No superficial deposits are recorded on the site.

There are no BGS recorded boreholes or wells within the vicinity of the site.

3.4 Hydrogeology

3.4.1 Groundwater Vulnerability

The underlying bedrock is classified as a Secondary A Aquifer of high vulnerability. This is defined as 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.

3.4.2 Groundwater Abstractions

According to the Envirocheck, there are four water abstractions within 500 m of the site. These surface water abstractions were from the River Dearne and Munchcliffe Beck and the operator is Hinchcliffe and Sons Ltd for general use in leather and textile processing. The abstractions appear to relate to the adjacent mill, and may still be active. As they are upstream of the site, they are not expected to be affected by any activity of the development site.

3.5 Hydrology

According to the Envirocheck, the nearest surface water feature is the River Dearne, located 14 m north of the site.

Information within the Envirocheck states that the site does not lie within a groundwater Source Protection Zone.

3.6 Extractive Industries

3.6.1 Sandstone Quarrying

According to the Envirocheck, there is one BGS recorded mineral site within 250 m of the site; Birds Edge Mill Quarry (sandstone), located 53 m to the north west.

3.6.2 Coal Mining

A Mining Remediation Authority Consultants' Coal Mining Report has been obtained for the site and a copy of this is included in Appendix 2. We have also referred to the Mining Remediation Authority interactive mapping. The site is not in a development High Risk zone.

No seams are shown by geological maps to underlie the site at shallow depth.

The Coal Mining Report has no records of past underground working beneath the site. There are no probable unrecorded shallow mine workings beneath the site. There are no spine roadways beneath the site at shallow depth.

Within 100 m of the site boundary, there are no recorded mine entries.

There are no claims for alleged mining related subsidence within 50 m of the property boundary.

There have been no reports of mine gas emissions within 500 m of the boundary, and there are no mine water treatment schemes within 500 m of the boundary.

The site is not within an area where workings are currently being undertaken, or where future underground workings are currently proposed/recorded.

There have been no Section 46 notices given for the site area.

The Mining Remediation Authority Records show no opencast coal working within 500 m of the site.

Based on the above, it is considered that the site is not at risk from the effects of coal mine workings and investigation of potential shallow coal seams will not be needed.

3.7 Ground Gas

The site lies in a lower probability radon area where less than 1% of homes are estimated to be at or above the action level. Therefore, no radon protective measures are necessary in the construction of new dwellings or extensions.

According to the Envirocheck Report, there are no historical or recorded active landfill sites within 1 km of the site.

There are five areas of potentially infilled land (unknown filled ground (pit, quarry etc.)) within 500 m of the site. These areas are located 21 m north west, 327 m north east, 350 m north west, 415 m north, and 490 m south east of the site. These are dated 1982 to 1985.

A former sandstone quarry is located 53 m north west of the site.

3.8 Pollution Incidents to Controlled Waters

There are six recorded pollution incidents within 250 m of the site.

The closest incident is located 7 m south of the site, where miscellaneous inert suspended solids entered a freshwater stream/river in 1997. It was classified as a minor incident.

In 1995, 11 m north east of the site, sewage storm overflow entered a freshwater stream/river and was classified as a minor incident.

13 m north east of the site, sewage storm overflow entered a freshwater stream/river in 1995 and was classified as a significant incident.

Surcharged sewage entered a freshwater stream/river in 1997, located 51 m north of the site. This was categorised as a minor incident.

In 1989, an unknown pollutant entered a freshwater stream/river 55 m to the west and was classified as a minor incident.

207 m south west of the site, in 1990, agricultural general pollutant entered a freshwater stream/river, classified a significant incident.

Due to the age of these incidents they are not considered to have pose significant risk to the site.

3.9 Local Authority Pollution Prevention and Controls

The Envirocheck does not list any controls within 500 m of the site.

3.10 Discharge Consents

The Envirocheck records three discharge consents within 250 m of the site.

In both 1958 and 2004, 46 m north east of the site, sewage discharges from overflow/ storm tank were released into the River Dearne.

In 2022, 52 m north east of the site, sewage discharges from overflow/ storm tank were released into the River Dearne.

The discharges are located downstream of the site and therefore are not expected to influence the site.

3.11 Flooding

The Envirocheck records that the site does not lie within a flood plain. The site is not at risk from surface water flooding nor flooding from rivers or the sea.

According to the Envirocheck, there is limited potential for groundwater flooding to occur on site.

3.12 Soil Geochemistry

The Envirocheck estimates the following concentrations of arsenic, cadmium, chromium, nickel and lead to be present in the natural soil at the site. These have been compared to the appropriate assessment value protective of residential human health receptors with homegrown produce.

Contaminant	Estimated Concentration (mg/kg)	Assessment Value (mg/kg)
Arsenic	15 to 25	37
Cadmium	<1.8	11
Chromium	60 to 90	910
Lead	<100	200
Nickel	15 to 30	180

The concentrations of these contaminants are not therefore expected to be elevated within natural ground.

3.13 Contemporary Trade Directory Entries and Fuel Station Entries

There are no active contemporary trade directory entries recorded between 250 m of the site. There is an inactive entry in the south of the site for a general engineers business, and an inactive domestic appliances business (servicing repairs and parts) located 62 m south of the site.

There are no fuel stations within 250 m of site.

3.14 Unexploded Ordnance (UXO)

Reference to the Zetica Unexploded Bomb Risk Map shows the site to be located in a 'low' risk area. This is in an area with a bombing density of 15 bombs per 1000 acres or less. No potential Luftwaffe targets or areas of potential interest are present in the vicinity of the site, and no UXO finds have been made in the vicinity.

For sites located within a low-risk area, it is generally considered that ground investigation or construction works can proceed with no special precautions being required.

4.0 EXPECTED GROUND CONDITIONS

ECE have undertaken the excavation of three trial pits on the site for the purpose of infiltration testing. The ground conditions discussed below are based on observations made within these excavations, as well as from the geological information reviewed in previous sections of this report.

4.1 Topsoil

The site's covering is grass. Topsoil is expected below this across the site. The topsoil is indicated to comprise dark brown clayey fine to coarse grained sand. This was between 300 mm and 350 mm thick. A similar thickness of topsoil is anticipated across the remainder of the site

4.2 Made Ground

The history of the site, does not suggest the presence of Made Ground on the site. No potential areas of made ground were noted across the site's surface during the site walkover or previous site visit.

4.3 Natural Ground

The Grenoside Sandstone - a named sandstone unit in the PLCM is below the site. This is expected to have weathered to a slightly clayey/silty gravelly sand in the upper layers. Within the trial pits already undertaken, the soils transitioned in to weathered sandstone bedrock at depths of between 1.05 and 1.45 m below ground level.

4.4 Groundwater

Groundwater is generally not anticipated to be encountered at shallow depth below the site.

5.0 OUTLINE CONCEPTUAL MODEL

The site is being considered for residential development including private gardens and areas of communal hard and soft landscaping.

5.1 Potential Sources of Contamination

Historically, the site has been undeveloped so made ground is not expected on site. However, should any made ground be present in any part of the site, this may contain elevated concentrations of metals/metalloids, polycyclic aromatic hydrocarbons (PAHs), asbestos fibres and sulphates.

The natural ground and topsoil are not generally expected to contain any elevated levels of contaminants. However, shallow soils may have been impacted by atmospheric fall out from surrounding industry, and there was a gasometer present near to the northern site boundary, which may have locally impacted the soils with hydrocarbons or Volatile organic compounds (VOC/SVOC), although this is considered to be a low risk.

5.2 Ground Gas

No radon precautions are required.

Small, infilled sandstone quarries are expected to be present to the north of the site, with the closest extending around 53 m northwest from the site boundary. Potentially infilled land is located 21 m northwest of the site.

Due small area which this infilled land covered, and the age at which the former features were removed, they are not considered to pose a significant risk of ground gas to the site. Gas monitoring is not considered to be necessary, and gas protective measures are not expected to be required within new dwellings constructed at the site.

5.3 Potential Pollutant Linkages

The table below details the possible sources and associated contaminants of concern, pathways and receptors:

Source	Potential Contaminants	Potential Pathways	Potential Receptors
Made ground (if present). Topsoil and natural ground (particularly in the north and north west of the site).	Heavy metals/metalloids Asbestos PAHs TPH VOCs/SVOCs	Ingestion Inhalation Direct contact Biological uptake Migration through ground	Site residents and visitors to the site Site construction workers Secondary A Aquifer Plants Water supply pipes
Made ground (if present) and natural ground	Sulphates Low pH	Direct contact	Below ground concrete
Surrounding infilled land	Ground gas and mine gas	Migration through ground	Site residents and visitors Construction workers Buildings

5.4 Remedial Measures

Widespread contamination at hazardous levels is considered possible, but highly unlikely. It is unlikely that any mitigation or remediation will be required on this site; however, at this stage it is considered that you make allowance for the following:

- A minimum 600 mm thick clean capping is likely to be required for gardens and landscaped areas overlying made ground, if any is present;
- A minimum DS-2 AC-2 level of sulphate precautions should be allowed for, applying to below ground concrete structures within contact of made ground.

A suitable contingency for dealing with localised 'hotspots' should always be assumed.

The existing topsoil and subsoils are expected to be suitable for reuse within plots, subject to confirmation by laboratory testing.

6.0 GEOTECHNICAL APPRAISAL

6.1 General

The proposed development is expected to comprise low rise housing of conventional construction.

Currently, grass covers the site, overlying topsoil. The ground conditions below the site are anticipated to comprise granular soils over sandstone bedrock at relatively shallow depth.

6.2 Foundations

At this stage, unreinforced strip/trench-fill footings are expected to be suitable for the plots, which would be constructed within the natural granular ground or sandstone bedrock at a minimum depth of between 600 mm and 750 mm below current or proposed ground level, whichever is the lower.

As granular soils are expected to be present, it is not anticipated that foundations will need to be deepened near to current, proposed or removed trees, or that heave protective measures will need to be included in the foundations.

Development of the foundation solution is subject to intrusive investigation.

6.3 Ground Slabs

Where less than 600 mm of made ground will be present below the plot, a cast in-situ ground bearing slabs is expected to be appropriate. Elsewhere, a precast concrete floor with underlying passively ventilated void, or a reinforced suspended concrete floor should be used.

6.4 Superstructure Precautions

At this stage, no additional superstructure precautions are expected to be required due to the ground conditions anticipated to be present on the site.

6.5 Excavation Problems & Obstructions

Significant excavation problems are not generally expected on the site. Deeper excavations, such as those for drainage, may encounter competent bedrock, which may require a higher capacity excavator to remove.

There are three water mains crossing the site from south to north. These will likely have a no-build easement around them, which will need to be taken into account in any proposed site layout. The location of the mains will need to be verified.

The stability of trenches may be expected to be relatively poor due to the presence of sand and gravel which is inherently unstable. Temporary support will be required in accordance with current Health & Safety Regulations wherever access is required to trenches deeper than 1.2 m or less where there is risk of collapse.

6.6 Roads

A CBR value of at least 3% is likely to be provided by the existing soils for road design. The ground should be assumed to be frost susceptible and a minimum construction thickness of 450 mm will therefore apply. It is recommended that CBR tests are undertaken along any proposed roads prior to construction so that more accurate CBR values can be obtained.

6.7 Surface Water Drainage

The ground conditions beneath the site are expected to comprise gravelly sand and may therefore be suitable for receiving infiltration drainage. However, initial testing indicated that in parts of the site, the available infiltration rates are low, possibly due to the fine-grained nature of the sandstone (Refer to report reference 50175-ECE-XX-XX-RP-C-0001 for full details of the testing).

If infiltration testing is to be considered for the site, additional testing is recommended to determine which areas will be suitable for infiltration features. Consideration may be given to using shallow infiltration features within the more weathered subsoils.

Alternatively, an outfall to a nearby watercourse or public sewer can be considered.

7.0 RECOMMENDATIONS FOR FURTHER WORK

Before more definite information regarding the properties of the ground and any contamination present can be given, an intrusive ground investigation will be required. Investigation by mechanically dug trial pits would be the preferred method of investigating the soils on site, as this allows a larger volume of soil to be viewed. This will allow the most suitable foundation solution to be ascertained and to allow samples of the soils to be collected for chemical and geotechnical laboratory analysis.

Initial testing has indicated that infiltration drainage may not be suitable in all areas of the site. Further testing may be required if the use of infiltration drainage is to be pursued. Alternatively, a surface water outfall to a watercourse or sewer will need to be considered.

The potential pollutant linkages presented in Section 5.3 will need to be investigated by means of soil analysis. The chemical testing suite should be chosen to cover the range of potential contaminants indicated. Geotechnical testing should be carried out on clay soils, if present, to determine their volume change potential.

Appendix 1

Landmark Envirocheck
Consultants Coal Mining Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

393571780_1_1

Customer Reference:

50175

National Grid Reference:

420330, 407860

Slice:

A

Site Area (Ha):

2.29

Search Buffer (m):

1000

Site Details:

Site at 420330, 407860

Client Details:

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S11 9AS

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Introduction

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

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

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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 1		3		8
Prosecutions					
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 4				3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4		Yes		
Pollution Incidents to Controlled Waters	pg 5		6	3	1
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register	pg 6				1
Water Abstractions	pg 6		2	2	1 (*41)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 18	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 18	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones	pg 18				1
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 18		27	9	51
Water Framework Directive - Catchment	pg 28	Yes			Yes
Water Framework Directive - Groundwater	pg 29	Yes			Yes
Water Framework Directive - Surface Waters	pg 29				Yes

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 30				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 30				2
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 30		1	4	12
Potentially Infilled Land (Water)	pg 31		1		2
Registered Landfill Sites	pg 32				2
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 33	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 33	Yes	Yes		Yes
BGS Recorded Mineral Sites	pg 33		1	7	20
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 38	Yes	n/a	n/a	n/a
Mining Instability	pg 38	Yes	n/a	n/a	n/a
Man-Made Mining Cavities	pg 38				1
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 38	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 39	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 39		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 40	1	1	1	6
Fuel Station Entries					
Points of Interest - Commercial Services	pg 40				3
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 41		1	1	9
Points of Interest - Public Infrastructure	pg 42				2
Points of Interest - Recreational and Environmental	pg 42		1		2
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	pg 43		1		
Areas of Adopted Green Belt	pg 43	1			1
Areas of Unadopted Green Belt	pg 43	1			
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 43	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 (S)	0	1	420329 407856
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	0	1	420329 407900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	50	1	420329 408000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	228	1	420000 407856
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	233	1	420000 407800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	234	1	420000 407900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	343	1	420050 408200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	360	1	419900 407700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	360	1	420200 408300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	364	1	420700 408100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	379	1	420000 408200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	400	1	420329 408350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SW)	427	1	419850 407650
1	Discharge Consents Operator: Yorkshire Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Birds Edge Cso Penistone Road A629 (Off), Birds Edge, Huddersfield, West Yorkshire, Hd8 8xp Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 791 Permit Version: 2 Effective Date: 31st March 2004 Issued Date: 26th February 2004 Revocation Date: 30th March 2022 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	46	2	420410 407970

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Birds Edge Cso Penistone Road A629 (Off), Birds Edge, Huddersfield, West Yorkshire, Hd8 8xp Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 791 Permit Version: 1 Effective Date: 26th February 1958 Issued Date: 26th February 1958 Revocation Date: 30th March 2004 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dearne Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	46	2	420410 407970
1	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Birds Edge Cso Penistone Road A629 (Off), Birds Edge, Huddersfield, West Yorkshire, Hd8 8xp Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 791 Permit Version: 3 Effective Date: 31st March 2022 Issued Date: 31st March 2022 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	52	2	420416 407972
2	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Limited Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Rusby Wood No.1 Service Reservoir, Dearne Dike Lane, Denby Dale, Uk Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra 6999 Permit Version: 2 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: 29th February 2012 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	589	2	419640 407890
2	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Limited Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Rusby Wood No.1 Service Reservoir, Dearne Dike Lane, Denby Dale, Uk Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra 6999 Permit Version: 1 Effective Date: 13th December 1993 Issued Date: 13th December 1993 Revocation Date: 31st December 2009 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	589	2	419640 407890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Mr Tim Butcher Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Dearne Grange Farm Park Head Lane, Cumberworth, Huddersfield, West Yorkshire, Hd8 8ya Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Npswqd007644 Permit Version: 1 Effective Date: 13th May 2009 Issued Date: 13th May 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Park Dike 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</p>	A17SW (NW)	866	2	419481 408285
3	<p>Discharge Consents</p> <p>Operator: Mr Andy Hutchinson Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Dearne Grange Farm Park Head Lane, Cumberworth, Huddersfield, West Yorkshire, Hd8 8ya Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Npswqd007644 Permit Version: 1 Effective Date: 13th May 2009 Issued Date: 13th May 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Park Dike 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</p>	A17SW (NW)	866	2	419481 408285
4	<p>Discharge Consents</p> <p>Operator: Alan Fish Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Smithy Farm, High Flatts, Huddersfield, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3839 Permit Version: 2 Effective Date: 26th July 2012 Issued Date: 26th July 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway At Smithy Farm Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	910	2	421100 407200
4	<p>Discharge Consents</p> <p>Operator: Smithy Farm Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Smithy Farm, High Flatts, Huddersfield, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3839 Permit Version: 2 Effective Date: 26th July 2012 Issued Date: 26th July 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway At Smithy Farm Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	910	2	421100 407200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Alan Fish Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Smithy Farm, High Flatts, Huddersfield, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3839 Permit Version: 1 Effective Date: 13th December 1984 Issued Date: 13th December 1984 Revocation Date: 25th July 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway At Smithy Farm Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	910	2	421100 407200
4	<p>Discharge Consents</p> <p>Operator: Smithy Farm Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Smithy Farm, High Flatts, Huddersfield, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3839 Permit Version: 1 Effective Date: 13th December 1984 Issued Date: 13th December 1984 Revocation Date: 25th July 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway At Smithy Farm Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	910	2	421100 407200
5	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Pmw Minerals Ltd Location: PMW Minerals Ltd, Carr Hill Cottage, Carr Hill Road, Upper Cumberworth, HUDDERSFIELD, West Yorkshire, HD8 8XN Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC W 160 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	777	3	420299 408726
5	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Pmw Minerals Ltd Location: PMW Minerals Ltd, Carr Hill Cottage, Carr Hill Road, Upper Cumberworth, HUDDERSFIELD, West Yorkshire, HD8 8XN Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Ppc W161 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	777	3	420299 408726
6	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Pmw Quarries Ltd Location: Carr Hill House, Carr Hill Lane, , Upper Cumberworth, HUDDERSFIELD, HD8 8XN Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC W157 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A17NE (NW)	813	3	419947 408689
	<p>Nearest Surface Water Feature</p>	A13NW (N)	14	-	420311 407963

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Road Location: BIRDS EDGE Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Inert Suspended Solids Note: No Fish Killed Incident Date: 12th February 1997 Incident Reference: SH970140 Catchment Area: Dearne Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13SE (S)	7	2	420350 407750
8	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Storm Overflow Location: Dearne 3/4 Mile D/S A629 Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: Fish Killed: No Information Incident Date: 13th February 1995 Incident Reference: SH950208 Catchment Area: Dearne Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	11	2	420400 407895
8	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Other General Premises Location: Dearne At Birds Bridge Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: No Fish Killed Incident Date: 24th September 1995 Incident Reference: SH950019 Catchment Area: Dearne Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	13	2	420400 407900
9	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Storm Overflow Location: River Dearne, Cso Below Bird's Edge Authority: Environment Agency, North East Region Pollutant: Surcharged Sewage Note: No Fish Killed Incident Date: 18th May 1997 Incident Reference: SH970217 Catchment Area: Dearne Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NW (N)	51	2	420300 408000
10	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Landfill/Waste Disposal Site Location: Bretton/Source Dearne Afu Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 21st June 1989 Incident Reference: 100457 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NW (W)	55	2	420200 407900
11	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Farm Location: Bretton/Source Dearne Afu Authority: Environment Agency, North East Region Pollutant: Agricultural: General Note: Not Supplied Incident Date: 29th October 1990 Incident Reference: 116183 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	207	2	420200 407600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Pollution Incidents to Controlled Waters Property Type: Farm Location: Bretton/Source Dearne Afu Authority: Environment Agency, North East Region Pollutant: Miscellaneous - No Visible Pollution/Nothing Found Note: Not Supplied Incident Date: 28th June 1993 Incident Reference: 145542 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	270	2	420001 407701
13	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: Bretton/Source Dearne Afu Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 26th September 1992 Incident Reference: 137850 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	416	2	420700 408200
14	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Bretton/Source Dearne Afu Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 6th January 1992 Incident Reference: 129844 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	499	2	420800 408200
15	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Rusby Wood Wtw And Ps Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 24th March 1989 Incident Reference: 6847 Catchment Area: Not Given Receiving Water: Reservoir Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	645	2	419600 407700
16	Substantiated Pollution Incident Register Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 16th August 2016 Incident Reference: 1462629 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: Specific Waste Materials: Other Specific Waste Material	A17SW (NW)	872	2	419473 408283
17	Water Abstractions Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/052 Permit Version: 101 Location: River Dearne & Munchcliffe Bk Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 November Authorised End: 31 May Permit Start Date: 24th December 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (W)	138	2	420100 407900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/052 Permit Version: 101 Location: River Dearne And Munchcliffe Beck Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 November Authorised End: 31 May Permit Start Date: 24th December 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13NW (NW)	155	2	420120 407960
19	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/052 Permit Version: 101 Location: River Dearne And Munchcliffe Beck Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 November Authorised End: 31 May Permit Start Date: 24th December 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	393	2	419870 408010
20	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/052 Permit Version: 101 Location: River Dearne & Munchcliffe Bk Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 November Authorised End: 31 May Permit Start Date: 24th December 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	459	2	419900 408200
21	<p>Water Abstractions</p> <p>Operator: Yorkshire Water Authority Licence Number: 2/27/08/050 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Water Undertaking Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 682 Yearly Rate (m3): 248894 Details: Coal Measures Licence 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</p>	A19SE (NE)	995	2	421300 408300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Yorkshire Water Services Limited Licence Number: 2/27/05/185 Permit Version: 100 Location: Borehole - Coal Measures - Green Lane Authority: Environment Agency, North East Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 420 Yearly Rate (m3): 80000 Details: Yorkshire Water Services Ltd Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 24th June 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A3NE (S)	1031	2	420620 406760
	<p>Water Abstractions</p> <p>Operator: Mr D Pell Licence Number: 2/27/08/079 Permit Version: 100 Location: Well X2 - Coal Measures - High Flatts Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2 Yearly Rate (m3): 830 Details: Pogg Hall Farm, High Flatts, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th July 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	1067	2	421300 407200
	<p>Water Abstractions</p> <p>Operator: Z. Hinchcliffe & Son Ltd Licence Number: 2/27/08/053 Permit Version: Not Supplied Location: Hartcliffe Mills, Denby Dale, HUDDERSFIELD, West Yorkshire Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 125 Yearly Rate (m3): 45460 Details: Not Supplied 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</p>	A20SW (E)	1148	2	421500 408200
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 106 Location: Borehole - B - S2 - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th December 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A23SW (N)	1168	2	420026 409089

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 105 Location: Borehole - B - S2 - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A23SW (N)	1168	2	420026 409089
	<p>Water Abstractions</p> <p>Operator: Shepley Spring Ltd Licence Number: 2/27/11/189 Permit Version: 1 Location: Borehole-Coal Measures-Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Knowle, Shepley, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A23SW (N)	1175	2	420000 409090
	<p>Water Abstractions</p> <p>Operator: Marshalls Mono Ltd Licence Number: Ne/027/0006/030 Permit Version: 1 Location: Sovereign Quarry, Upper Cumberworth, Huddersfield Authority: Environment Agency, North East Region Abstraction: Drainage Operations: Dewatering Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 26th March 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A22SW (NW)	1267	2	419436 408891
	<p>Water Abstractions</p> <p>Operator: J & B Wynne Licence Number: 2/27/05/171 Permit Version: 101 Location: Spring - Coal Measures - Cumberworth Authority: Environment Agency, North East Region Abstraction: Private Water Undertaking: Raw Water Supply Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2 Yearly Rate (m3): 581 Details: Broadstone Lodge Farm & Cottage, High Flatts, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th October 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A3SW (S)	1359	2	420200 406400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 106 Location: Borehole - D - S2 - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th December 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A23NW (N)	1417	2	420150 409360
	<p>Water Abstractions</p> <p>Operator: Shepley Spring Ltd Licence Number: 2/27/11/189 Permit Version: 1 Location: Borehole-Coal Measures-Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Knowle, Shepley, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A22NE (N)	1491	2	419940 409400
	<p>Water Abstractions</p> <p>Operator: David Dodson & Sons Licence Number: 2/27/11/154 Permit Version: 100 Location: Borehole - Coal Measures - Upper Cumberworth Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 14 Yearly Rate (m3): 4978 Details: Dearne Head Farm, Upper Cumberworth, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th November 1971 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A11SW (W)	1535	2	418700 407700
	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/052 Permit Version: 101 Location: River Dearne & Munchcliffe Bk Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 November Authorised End: 31 May Permit Start Date: 24th December 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A20SE (E)	1626	2	422000 408200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/052 Permit Version: 101 Location: River Dearne And Munchcliffe Beck Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 November Authorised End: 31 May Permit Start Date: 24th December 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(E)	1709	2	422070 408260
	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/052 Permit Version: 101 Location: River Dearne & Munchcliffe Bk Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 188 Yearly Rate (m3): 68190 Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 November Authorised End: 31 May Permit Start Date: 24th December 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(E)	1724	2	422100 408200
	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: Ne/027/0008/017 Permit Version: 1 Location: Munchcliffe Beck Transfer Authority: Environment Agency, North East Region Abstraction: Industrial, Commercial and Public Services: Transfer Between Sources (Post Water Act 2003) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 November Authorised End: 31 May Permit Start Date: 24th January 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(E)	1755	2	422119 408252
	<p>Water Abstractions</p> <p>Operator: Philip Holmes & Jeremy Holmes Licence Number: 2/27/05/180 Permit Version: 100 Location: Borehole - Coal Measures - Denby Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 23 Yearly Rate (m3): 8285 Details: Delph House Farm, Denby, Huddersfield, West Yorkshire Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A5SE (SE)	1828	2	421700 406500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/144 Permit Version: 1 Location: Borehole - Coal Measures - Greenmoor Rock - Denby Dale Authority: Environment Agency, North East Region Abstraction: Textiles & Leather: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(E)	1837	2	422200 408270
	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/144 Permit Version: 1 Location: Borehole - Coal Measures - Greenmoor Rock - Denby Dale Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(E)	1837	2	422200 408270
	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/121 Permit Version: 100 Location: Borehole - Coal Measures - Denby Dale Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 500 Yearly Rate (m3): 52000 Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(E)	1837	2	422200 408270
	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/121 Permit Version: 100 Location: Borehole - Coal Measures - Denby Dale Authority: Environment Agency, North East Region Abstraction: Textiles & Leather: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(E)	1837	2	422200 408270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 104 Location: Borehole - S2 - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 20th February 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1884	2	419840 409780
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 103 Location: Borehole - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 21st February 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1884	2	419840 409780
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 102 Location: Borehole - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1884	2	419840 409780
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 101 Location: Borehole - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowles, Shepley, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st July 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1884	2	419840 409780

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/144/R01 Permit Version: 1 Location: Borehole - Coal Measures - Greenmoor Rock - Denby Dale Authority: Environment Agency, North East Region Abstraction: Industrial, Commercial and Public Services: Transfer Between Sources (Post Water Act 2003) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(E)	1904	2	422259 408307
	<p>Water Abstractions</p> <p>Operator: J Selwyn Smith (Shepley) Ltd Licence Number: 2/27/11/010 Permit Version: Not Supplied Location: Eastfield Mills, Shepley, HUDDERSFIELD Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 227 Yearly Rate (m3): 29594 Details: Not Supplied 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</p>	(N)	1908	2	419800 409795
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 106 Location: Borehole - C - S3 - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th December 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1923	2	419782 409806
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 105 Location: Borehole - C - S3 - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1923	2	419782 409806

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 106 Location: Borehole - A - S1 - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th December 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1926	2	419810 409816
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 105 Location: Borehole - A - S1 - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1926	2	419810 409816
	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/052 Permit Version: 101 Location: Reservoir Near Munchcliffe Beck Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 November Authorised End: 31 May Permit Start Date: 24th December 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(E)	1928	2	422280 408320
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 104 Location: Borehole - S1 - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 20th February 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1930	2	419810 409820

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 103 Location: Borehole - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 21st February 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1930	2	419810 409820
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 102 Location: Borehole - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1930	2	419810 409820
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 101 Location: Borehole - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 225 Yearly Rate (m3): 77000 Details: Eastfield Mills, The Knowles, Shepley, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st July 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1930	2	419810 409820
	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/052 Permit Version: 102 Location: River Dearne - Reservoir Near Munchcliffe Beck Authority: Environment Agency, North East Region Abstraction: Textiles & Leather: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th January 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(E)	1932	2	422284 408322

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/052 Permit Version: 102 Location: River Dearne - Reservoir Near Munchcliffe Beck Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th January 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(E)	1932	2	422284 408322
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 104 Location: Borehole - S3 - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 20th February 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1937	2	419780 409820
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 103 Location: Borehole - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 21st February 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1937	2	419780 409820
	<p>Water Abstractions</p> <p>Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 102 Location: Borehole - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowle, Shepley, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(N)	1937	2	419780 409820

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Penmoor Uk Ltd Licence Number: 2/27/11/030 Permit Version: 101 Location: Borehole - Lower Coal Measures - Shepley Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Eastfield Mills, The Knowles, Shepley, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st July 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1937	2	419780 409820
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NE (S)	0	2	420329 407856
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (S)	0	2	420329 407856
	Superficial Aquifer Designations No Data Available				
22	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A18NW (N)	926	2	420065 408849
	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				
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 250.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A13NW (N)	14	4	420311 407963

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A13NE (NE)	53	4	420417 407971
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 126.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Jordan Beck Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	90	4	420465 407727
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: Underground Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A13NE (NE)	91	4	420454 407982
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A13NE (NE)	95	4	420458 407984
28	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 44.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	104	4	420188 407989
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 0.8 Watercourse Level: Underground Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	104	4	420189 407989
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.8 Watercourse Level: Underground Permanent: True Watercourse Name: Jordan Beck Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	112	4	420430 407678
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	114	4	420154 407937
32	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 26.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	114	4	420154 407937

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.6 Watercourse Level: Underground Permanent: True Watercourse Name: Jordan Beck Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	115	4	420520 407746
34	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 51.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	132	4	420153 407963
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 107.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Jordan Beck Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	145	4	420440 407644
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NW (W)	152	4	420079 407881
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Jordan Beck Catchment Name: Don and Rother Primacy: 1	A13SE (E)	167	4	420589 407789
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: Underground Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	177	4	420103 407973
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	182	4	420096 407973
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 213.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Jordan Beck Catchment Name: Don and Rother Primacy: 1	A13NE (NE)	189	4	420565 407965
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	198	4	420077 407975

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 221.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A13NE (NE)	202	4	420568 407995
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: Underground Permanent: True Watercourse Name: Jordan Beck Catchment Name: Don and Rother Primacy: 1	A13SE (S)	206	4	420387 407551
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (W)	207	4	420021 407834
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 162.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Jordan Beck Catchment Name: Don and Rother Primacy: 1	A13SE (S)	208	4	420386 407549
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (W)	210	4	420019 407831
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: Underground Permanent: True Watercourse Name: Jordan Beck Catchment Name: Don and Rother Primacy: 1	A13SE (E)	217	4	420636 407842
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.6 Watercourse Level: Underground Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	218	4	420060 407987
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 138.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	239	4	420039 407994
50	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 46.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A12NE (W)	326	4	419929 407977

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 297.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A18SW (NW)	367	4	420036 408222
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 285.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A12NE (W)	369	4	419889 407993
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.0 Watercourse Level: Underground Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A18SW (N)	385	4	420182 408320
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NW (NE)	385	4	420717 408115
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 603.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A18SW (N)	389	4	420210 408331
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 189.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SW (E)	408	4	420829 407840
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 241.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A14NW (NE)	408	4	420741 408117
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 212.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A17SE (NW)	428	4	419950 408216
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.0 Watercourse Level: Underground Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A18SE (NE)	508	4	420660 408365

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 197.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	513	4	420683 408354
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.5 Watercourse Level: Underground Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A12NE (W)	568	4	419663 407912
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 286.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A12NE (W)	579	4	419651 407894
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NW (E)	581	4	420988 407935
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NW (E)	592	4	420997 407947
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	601	4	421005 407951
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	613	4	420934 408193
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	617	4	420922 408222
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A14NW (NE)	622	4	420949 408174

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A17SE (NW)	626	4	419742 408261
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: Underground Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A17SE (NW)	630	4	419736 408260
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A14NW (NE)	636	4	420964 408176
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A17SE (NW)	638	4	419727 408259
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 184.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	641	4	421029 408014
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	648	4	420849 408385
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	649	4	420852 408382
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.4 Watercourse Level: Underground Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A17SE (NW)	650	4	419715 408262
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	653	4	420977 408190

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A14NW (NE)	670	4	420997 408183
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 125.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	702	4	420928 408373
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A17SE (NW)	707	4	419658 408277
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A17SW (NW)	730	4	419630 408274
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A17SW (NW)	736	4	419625 408274
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A14NE (NE)	752	4	421089 408173
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	753	4	420964 408410
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A17SW (NW)	765	4	419595 408280
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A17SW (NW)	771	4	419590 408283

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A17SW (NW)	786	4	419575 408288
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A17SW (NW)	790	4	419571 408287
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: Underground Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A12SW (W)	800	4	419439 407715
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 187.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A12SW (W)	808	4	419432 407707
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 244.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A19SE (NE)	812	4	421044 408401
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	819	4	421190 408090
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A14NE (E)	850	4	421189 408185
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A17SW (NW)	876	4	419469 408284
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 180.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A17SW (NW)	881	4	419464 408286

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A19SE (E)	929	4	421266 408200
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A19SE (E)	930	4	421268 408199
98	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 46.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A19SE (E)	930	4	421263 408214
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A17NE (N)	935	4	419956 408825
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A15SW (E)	943	4	421364 407844
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A17NE (N)	943	4	419961 408836
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A17NE (N)	947	4	419955 408837
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 144.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A19SE (NE)	951	4	421242 408326
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A19SE (NE)	951	4	421242 408326

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 139.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A17NE (N)	962	4	419942 408849
106	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 47.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A19SE (E)	972	4	421304 408225
107	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 39.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Dike Catchment Name: Don and Rother Primacy: 1	A19SE (E)	972	4	421304 408225
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Munchcliffe Beck Catchment Name: Don and Rother Primacy: 1	A9NE (SE)	999	4	421324 407378
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: Underground Permanent: True Watercourse Name: Munchcliffe Beck Catchment Name: Don and Rother Primacy: 1	A9NE (SE)	1000	4	421322 407371
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Dearne from Source to Bentley Brook WaterBody ID: GB104027063220 Operational: Dearne Catchment: Don and Rother Management: Don and Rother Catchment: Don & Rother Catchment Name: Don & Rother	A13NE (S)	0	2	420329 407856
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Scout Dyke from Source to River Don WaterBody ID: GB104027057530 Operational: Don Upper Catchment: Don and Rother Management: Don and Rother Catchment: Don & Rother Catchment Name: Don & Rother	A8NW (SW)	632	2	420000 407200
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Fenay beck from Source to River Colne WaterBody ID: GB104027063340 Operational: Colne and Holme Catchment: Aire and Calder Management: Aire and Calder Catchment: Aire & Calder Catchment Name: Aire & Calder	A18NW (N)	686	2	420100 408610

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Framework Directive - Catchment Class Code: River Catchment Waterbody Name: Cawthorne Dyke from Source to River Dearne Waterbody ID: GB104027063150 Operational Catchment: Dearne Management: Don and Rother Catchment: Don & Rother Catchment Name: Don & Rother	A9SE (SE)	997	2	421060 407040
	Water Framework Directive - Groundwater Waterbody Name: Don & Rother Millstone grit & Coal Measures Waterbody ID: GB40402G992300 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40402G992300 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Good Year: 2019	A13NE (S)	0	2	420329 407856
	Water Framework Directive - Groundwater Waterbody Name: Aire & Calder Carb Limestone / Millstone Grit / Coal Measures. Waterbody ID: GB40402G700400 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40402G700400 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Good Year: 2019	A18NE (N)	647	2	420349 408596
	Water Framework Directive - Surface Waters Class Code: River Waterbody Name: Dearne From Source To Bentley Brook Waterbody ID: GB104027063220 URL Address: Not Supplied Overall Rating: Not Assessed Chemical Rating: Not Assessed Classification Year: 2022	A9NE (SE)	999	2	421324 407378

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	Historical Landfill Sites Licence Holder: H C W Makings and Son Location: Lane Head, Shepley, Near Huddersfield Name: Lane Head Quarry Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD04259 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert and Commercial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4700/0841 BGS Ref: Not Supplied Other Ref: 4700/0246, 446	A17NE (NW)	899	2	419749 408672
111	Licensed Waste Management Facilities (Locations) Licence Number: 102018 Location: 4 Barnsley Road , Upper Cumberworth, Huddersfield, West Yorkshire, HD8 8XG Operator Name: P M W QUARRIES LIMITED Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Use of waste in a deposit for recovery op Licence Status: Issued Issued: 21st February 2011 Last Modified: 21st February 2011 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	986	2	419689 408736
111	Licensed Waste Management Facilities (Locations) Licence Number: 103536 Location: Carr Hill Quarry, Carr Hill Road, Upper Cumberworth, Huddersfield, West Yorkshire, HD8 8XN Operator Name: P M W QUARRIES LIMITED Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Not Supplied Licence Status: Issued Issued: 4th January 2012 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	987	2	419690 408738
	Local Authority Landfill Coverage Name: Kirklees Metropolitan Borough Council - Has not been able to supply Landfill data		0	5	420329 407856
	Local Authority Landfill Coverage Name: Barnsley Metropolitan Borough Council - Has supplied landfill data		899	6	419707 407111
112	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	A13NW (NW)	21	8	420247 407903
113	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	A18SE (NE)	327	8	420495 408250
114	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A12NE (NW)	350	8	419943 408050
115	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	A18SE (N)	415	8	420523 408334

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
116	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	A14SW (SE)	490	8	420850 407567
117	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	A8NW (S)	574	8	420078 407242
118	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A7NE (SW)	619	8	419783 407418
119	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A7NE (SW)	634	8	419977 407233
120	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	A8SW (S)	677	8	420132 407108
121	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	A18NE (N)	799	8	420340 408747
122	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	A18NW (N)	837	8	420161 408777
123	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	A18NE (N)	843	8	420556 408770
124	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	A8SE (S)	849	8	420422 406907
125	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	A8SE (S)	908	8	420509 406860
126	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A7SE (SW)	937	8	419691 407076
127	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A17NE (NW)	970	8	419771 408773
128	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A11NE (W)	995	8	419258 408070
129	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13NW (NW)	148	8	420133 407964
130	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SW (W)	634	8	419597 407786
131	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9NE (SE)	952	8	421250 407336

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	<p>Registered Landfill Sites</p> <p>Licence Holder: H C W Makings & Sons Licence Reference: 246 Site Location: Quarry At Lane Head, Shepley, Huddersfield, West Yorkshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: Haigh Lane, Hoylandswaine, Sheffield, South Yorkshire Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Dated: 11th May 1981 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste: Constr'N/Demol. Inert/Non-Combustible Excavated Natural Materials \$ Prohibited Waste: Biodegradable/Putrescible Waste Poisonous, Noxious, Polluting Wastes</p>	A17NE (NW)	888	2	419845 408722
133	<p>Registered Landfill Sites</p> <p>Licence Holder: W D Makings Licence Reference: 446 Site Location: Quarry At Lane Head, Shepley, Huddersfield, West Yorkshire Licence Easting: 419700 Licence Northing: 408700 Operator Location: Haigh Lane, Hoylandswaine, Sheffield, South Yorkshire Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Dated: 1st July 1985 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Construction And Demolition Wastes Excavation Waste Max.Waste Permitted By Licence Prohibited Waste: Liable To Cause Enviromental Hazards Poisonous, Noxious, Polluting Wastes</p>	A17NE (NW)	951	2	419700 408700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A13NE (S)	0	1	420329 407856
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (S)	0	1	420329 407856
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SW (S)	94	1	420317 407659
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12SW (W)	904	1	419359 407600
134	BGS Recorded Mineral Sites Site Name: Birds Edge Mill Quarry Location: Birds Edge, Shepley, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 95817 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	53	1	420225 407925
135	BGS Recorded Mineral Sites Site Name: Park Lane Quarries Location: Upper Cumberworth, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 97454 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	337	1	420504 408257

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Park Lane Quarries Location: Upper Cumberworth, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 97453 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	364	1	420473 408297
137	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Park Head Quarry Location: Park Head, Upper Cumberworth, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 95826 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	365	1	419905 408017
138	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Park Lane Quarries Location: Upper Cumberworth, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 97452 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	398	1	420526 408314
138	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Park Lane Quarries Location: Upper Cumberworth, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 97451 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	420	1	420520 408340
139	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Salt Pie Location: Birds Edge Hill, Birds Edge, Shepley, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 97458 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Penistone Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	466	1	420782 407510
139	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Birds Edge Location: Birds Edge Hill, Birds Edge, Shepley, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 97456 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Penistone Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	474	1	420813 407539

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Birds Edge Location: Birds Edge Hill, Birds Edge, Shepley, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 97457 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Penistone Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	515	1	420884 407578
141	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Birds Edge Location: Birds Edge Hill, Birds Edge, Shepley, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 97455 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Penistone Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	532	1	420875 407528
142	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Birds Edge Slack Location: Birds Edge Lane, Birds Edge, Holmfirth, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 95838 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Penistone Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	577	1	420072 407241
143	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Birds Edge Lane Location: Dearne Common, Holmfirth, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 95836 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	624	1	419776 407417
144	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Birds Edge Slack Location: Birds Edge Lane, Birds Edge, Holmfirth, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 95837 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	629	1	419967 407246
145	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Castle Hill Quarry Location: Windmill Lane, High Flatts, Holmfirth, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 95839 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Penistone Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	672	1	420131 407114

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
146	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Rushy Plantation Quarry Location: Rushy Plantation, Dearne Dike Lane, Lane Head, Holmfirth, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 95828 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	799	1	419460 407628
147	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Jane Well Quarry Location: Upper Cumberworth, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 10533 Type: Opencast Status: Ceased Operator: Harris Wood & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	837	1	420360 408785
148	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Castle Hill Spring Location: Windmill Lane, High Flatts, Holmfirth, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 95840 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Penistone Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	845	1	420415 406910
149	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Common End Quarries Location: Upper Cumberworth, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 97446 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	845	1	420594 408762
149	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Common End Quarries Location: Upper Cumberworth, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 97445 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	851	1	420553 408779
150	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Carr Hill Quarry Location: Bransley Road, Shepley, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 30583 Type: Opencast Status: Ceased Operator: Pmw Quarries Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	900	1	419820 408720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Carr Hill Quarry Location: Lane Head, Shepley, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 247869 Type: Recycled Status: Active Operator: Pmw Quarries Ltd. Operator Location: Not Supplied Periodic Type: Anthropogene Geology: Mineral Based Waste Commodity: Secondary Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	919	1	419815 408740
150	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Carr Hill Quarry Location: Lane Head, Sovereign, Shepley, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 5587 Type: Opencast Status: Ceased Operator: Wbb Minerals Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	928	1	419775 408725
151	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Castle Hill Spring Location: Windmill Lane, High Flatts, Holmfirth, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 95841 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Penistone Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	912	1	420511 408856
152	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Green Ho Nook Quarry Location: Upper Cumberworth, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 95820 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	932	1	420558 408861
153	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Carr Hill Quarry Location: Lane Head, Shepley, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 2577 Type: Opencast Status: Ceased Operator: Pmw Quarries Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	964	1	419705 408720
154	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Appleton Quarry Location: Lane Head, Shepley, Huddersfield, West Yorkshire, Hd8 8bb Source: British Geological Survey, National Geoscience Information Service Reference: 247875 Type: Opencast Status: Active Operator: Marshalls Natural Stone Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	993	1	419465 408510

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
154	BGS Recorded Mineral Sites Site Name: Appleton Quarry Location: Lane Head, Shepley, Huddersfield, West Yorkshire, Hd8 8bb Source: British Geological Survey, National Geoscience Information Service Reference: 247876 Type: Opencast Status: Active Operator: Marshalls Natural Stone Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Greenmoor Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	993	1	419465 408510
155	BGS Recorded Mineral Sites Site Name: Haddingley Slack Location: Dearne Dike Lane, Lane Head, Holmfirth, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 95827 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A11NE (W)	999	1	419254 408070
	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 (S)	0	7	420329 407856
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (S)	0	8	420329 407856
	Man-Made Mining Cavities Easting: 420600 Northing: 408900 Distance: 980 Quadrant Reference: A23 Quadrant Reference: SE Bearing Ref: N Cavity Type: Not supplied Commodity: Fireclay Solid Geology Detail: No Details Superficial Geology: No Details Detail:	A23SE (N)	980	8	420600 408900
	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 (S)	0	1	420329 407856
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	80	1	420347 407672
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	228	1	420000 407856
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (S)	0	1	420329 407856
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	228	1	420000 407856
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (S)	0	1	420329 407856

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	228	1	420000 407856
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (S)	0	1	420329 407856
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	68	1	420351 407685
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	80	1	420347 407672
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	160	1	420528 407982
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	176	1	420438 407606
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	228	1	420000 407856
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (S)	0	1	420329 407856
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	228	1	420000 407856
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (S)	0	1	420329 407856
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	68	1	420351 407685
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	228	1	420000 407856
	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 (S)	0	1	420329 407856
	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 (S)	0	1	420329 407856

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
156	<p>Contemporary Trade Directory Entries</p> <p>Name: David Mallinson Location: Birdsedge, Huddersfield, West Yorkshire, HD8 8XP Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A13SW (S)	0	8	420318 407817
157	<p>Contemporary Trade Directory Entries</p> <p>Name: Denbydale Domestics Location: 5, Springfield Drive, Birdsedge, Huddersfield, HD8 8XS Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	62	8	420260 407740
158	<p>Contemporary Trade Directory Entries</p> <p>Name: Cool Water Direct Location: Newhouse Farm, Birdsedge, Huddersfield, HD8 8XP Classification: Water Coolers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14NW (E)	364	8	420782 407858
159	<p>Contemporary Trade Directory Entries</p> <p>Name: G & A Ellis Location: Birdsedge, Huddersfield, West Yorkshire, HD8 8XW Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	531	8	419881 408296
160	<p>Contemporary Trade Directory Entries</p> <p>Name: H F Services Location: Smithy Farm, High Flatts, Huddersfield, HD8 8XU Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	829	8	421055 407272
161	<p>Contemporary Trade Directory Entries</p> <p>Name: A P Hollingworth Location: 71, Barnsley Road, Upper Cumberworth, Huddersfield, HD8 8NS Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	932	8	420827 408760
161	<p>Contemporary Trade Directory Entries</p> <p>Name: A P Hollingworth Ltd Location: 71, Barnsley Road, Upper Cumberworth, Huddersfield, HD8 8NS Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	932	8	420827 408760
162	<p>Contemporary Trade Directory Entries</p> <p>Name: B T Scott & Son Location: 16, CUMBERWORTH LANE, UPPER CUMBERWORTH, HUDDERSFIELD, HD8 8NU Classification: French Polishing Status: Active Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	980	8	420949 408739
162	<p>Contemporary Trade Directory Entries</p> <p>Name: B T Scott & Son Location: 16, Cumberworth Lane, Upper Cumberworth, Huddersfield, HD8 8NU Classification: French Polishing Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	981	8	420950 408739
163	<p>Points of Interest - Commercial Services</p> <p>Name: G & A Ellis Location: Birdsedge, Huddersfield, HD8 8XW Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location</p>	A17SE (NW)	531	9	419881 408296
164	<p>Points of Interest - Commercial Services</p> <p>Name: A P Hollingworth Ltd Location: 71 Barnsley Road, Upper Cumberworth, Huddersfield, HD8 8NS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location</p>	A19NW (NE)	932	9	420827 408760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	Points of Interest - Commercial Services Name: A P Hollingworth Location: 71 Barnsley Road, Upper Cumberworth, Huddersfield, HD8 8NS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19NW (NE)	932	9	420827 408760
165	Points of Interest - Manufacturing and Production Name: Tank Location: HD8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	247	9	420079 407651
165	Points of Interest - Manufacturing and Production Name: Tank Location: HD8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	251	9	420054 407667
166	Points of Interest - Manufacturing and Production Name: Tanks Location: HD8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	572	9	419661 407768
167	Points of Interest - Manufacturing and Production Name: Tank Location: HD8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (W)	649	9	419587 407746
167	Points of Interest - Manufacturing and Production Name: Tanks Location: HD8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	665	9	419571 407743
168	Points of Interest - Manufacturing and Production Name: P M W Minerals Ltd Location: Carr Hill Cottage, Carr Hill Road, Upper Cumberworth, Huddersfield, HD8 8XN Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A18NW (N)	777	9	420299 408726
168	Points of Interest - Manufacturing and Production Name: P M W Minerals Ltd Location: Carr Hill Cottage, Carr Hill Road, Upper Cumberworth, Huddersfield, HD8 8XN Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A18NW (N)	777	9	420299 408726
169	Points of Interest - Manufacturing and Production Name: Tank Location: HD8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	875	9	421077 407226
170	Points of Interest - Manufacturing and Production Name: Shepley Quarries Location: HD8 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	985	9	419848 408833
170	Points of Interest - Manufacturing and Production Name: Shepley Quarries Location: HD8 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	987	9	419849 408835
171	Points of Interest - Manufacturing and Production Name: Croftworth Ltd Location: Stonefield, Penistone Road, Shepley, Huddersfield, HD8 8BE Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A17NW (NW)	995	9	419610 408681

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
172	Points of Interest - Public Infrastructure Name: Birds Edge Airstrip Location: HD8 Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	505	9	420925 407856
172	Points of Interest - Public Infrastructure Name: Birds Edge Airstrip Location: HD8 Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A14NW (E)	568	9	420987 407860
173	Points of Interest - Recreational and Environmental Name: Play Area Location: HD8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	105	9	420156 407771
174	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	A19NW (NE)	977	9	420916 408758
174	Points of Interest - Recreational and Environmental Name: Playground Location: Cumberworth Lane, HD8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	978	9	420916 408759

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
175	Ancient Woodland Name: New House Green And Burn Woods Reference: 1103223 Area(m²): 149951.38 Type: Plantation on Ancient Woodland	A13NE (NE)	192	10	420567 407965
176	Areas of Adopted Green Belt Authority: Kirklees Metropolitan Borough Council Plan Name: Kirklees Unitary Development Plan Status: Adopted Plan Date: 1st March 1999	A13NE (S)	0	11	420329 407856
177	Areas of Adopted Green Belt Authority: Barnsley Metropolitan Borough Council, Planning Department Plan Name: Proposal Map Status: Adopted Plan Date: 3rd January 2019	A7SE (SW)	902	12	419704 407111
178	Areas of Unadopted Green Belt Authority: Kirklees Metropolitan Borough Council Plan Name: Kirklees Local Plan Status: Submission Draft Plan Date: 25th April 2017	A13NE (S)	0	11	420329 407856
179	Nitrate Vulnerable Zones Name: River Dearne Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NE (S)	0	2	420329 407856

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Environment Agency - Head Office Kirklees Metropolitan Borough Council - Planning Services	June 2025 November 2023 October 2017	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - North East Region	July 2025	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	
Integrated Pollution Controls Environment Agency - North East Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North East Region	April 2025	Bi-Annually
Local Authority Integrated Pollution Prevention And Control Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Kirklees Metropolitan Borough Council - Environmental Health Department	April 2014 January 2025	Variable Variable
Local Authority Pollution Prevention and Controls Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Kirklees Metropolitan Borough Council - Environmental Health Department	April 2014 January 2025	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Kirklees Metropolitan Borough Council - Environmental Health Department	April 2014 January 2025	Variable Variable
Nearest Surface Water Feature Ordnance Survey	November 2025	
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	
Historical Prosecutions Environment Agency, North East Region	March 2013	Not Applicable
Registered Radioactive Substances Environment Agency - Head Office Environment Agency - North East Region	May 2023 May 2023	
Substantiated Pollution Incident Register Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	July 2025 July 2025	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	July 2025	Quarterly
Water Industry Act Referrals Environment Agency - North East 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	August 2025	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	









Agency & Hydrological	Version	Update Cycle
Flood Water Storage Areas Environment Agency - Head Office	June 2025	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS Water Network Lines Ordnance Survey	October 2025	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
Water Framework Directive - Catchment Environment Agency - Head Office	July 2025	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2025	Annually
Water Framework Directive - Surface Waters Environment Agency - Head Office	July 2025	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	November 2025	Bi-Annually
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	November 2025 November 2025	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2025 April 2025	Bi-Annually Bi-Annually
Local Authority Landfill Coverage Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Kirklees Metropolitan Borough Council - Planning Services	February 2003 February 2003	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Kirklees Metropolitan Borough Council - Planning Services	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 East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	June 2015 June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	June 2025	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 Kirklees Metropolitan Borough Council - Planning Services Peak District National Park - Development Control Barnsley Metropolitan Borough Council - Planning Department	August 2015 February 2023 January 2016	Variable Variable Variable
Planning Hazardous Substance Consents Peak District National Park - Development Control Barnsley Metropolitan Borough Council - Planning Department Kirklees Metropolitan Borough Council - Planning Services	August 2022 January 2016 September 2022	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	April 2025	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	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	November 2025	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2025	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	December 2025	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	November 2025	Quarterly
Points of Interest - Commercial Services PointX	December 2025	Quarterly
Points of Interest - Education and Health PointX	December 2025	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2025	Quarterly
Points of Interest - Public Infrastructure PointX	December 2025	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2025	Quarterly
Underground Electrical Cables National Grid	January 2024	

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

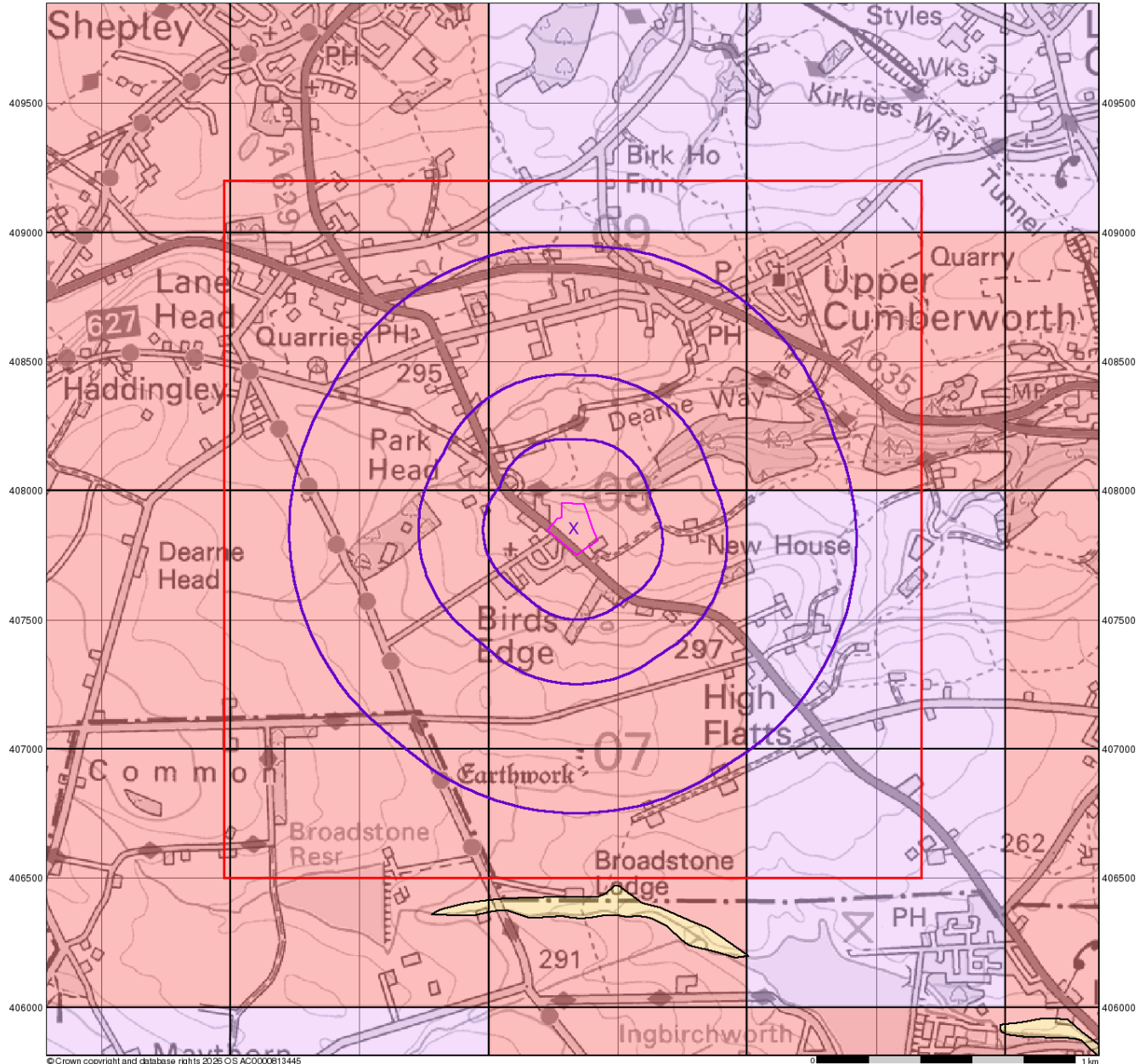
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
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	Kirklees Metropolitan Borough Council - Environmental Health Department West Riding House, 9 Manchester Road, Huddersfield, West Yorkshire, HD1 3HH	Telephone: 01484 221000 Email: customer.relations@kirklees.gov.uk Website: www.kirklees.gov.uk
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
5	Kirklees Metropolitan Borough Council - Planning Services PO BOX B93, Civic Centre III, Off Market Street, Huddersfield, West Yorkshire, HD1 2JR	Telephone: 01484 221000 Fax: 01484 221613 Website: www.kirklees.gov.uk
6	Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
7	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
8	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6619 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
9	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
10	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
11	Kirklees Metropolitan Borough Council Town Hall, Civic Centre, Huddersfield, West Yorkshire, HD1 2TA	Telephone: 01484 221000 Fax: 01484 442768 Website: www.kirklees.gov.uk
12	Barnsley Metropolitan Borough Council - Planning Department Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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

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Groundwater Vulnerability

General

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

Agency and Hydrological

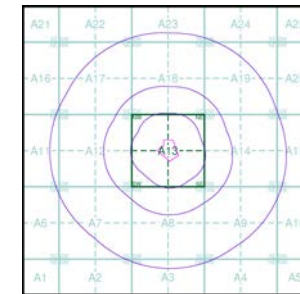
Bedrock Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer
- Unproductive Aquifer
- Soluble Rock

Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Site Sensitivity Context Map - Slice A



Order Details

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 Customer Ref: 50175
 National Grid Reference: 420330, 407860
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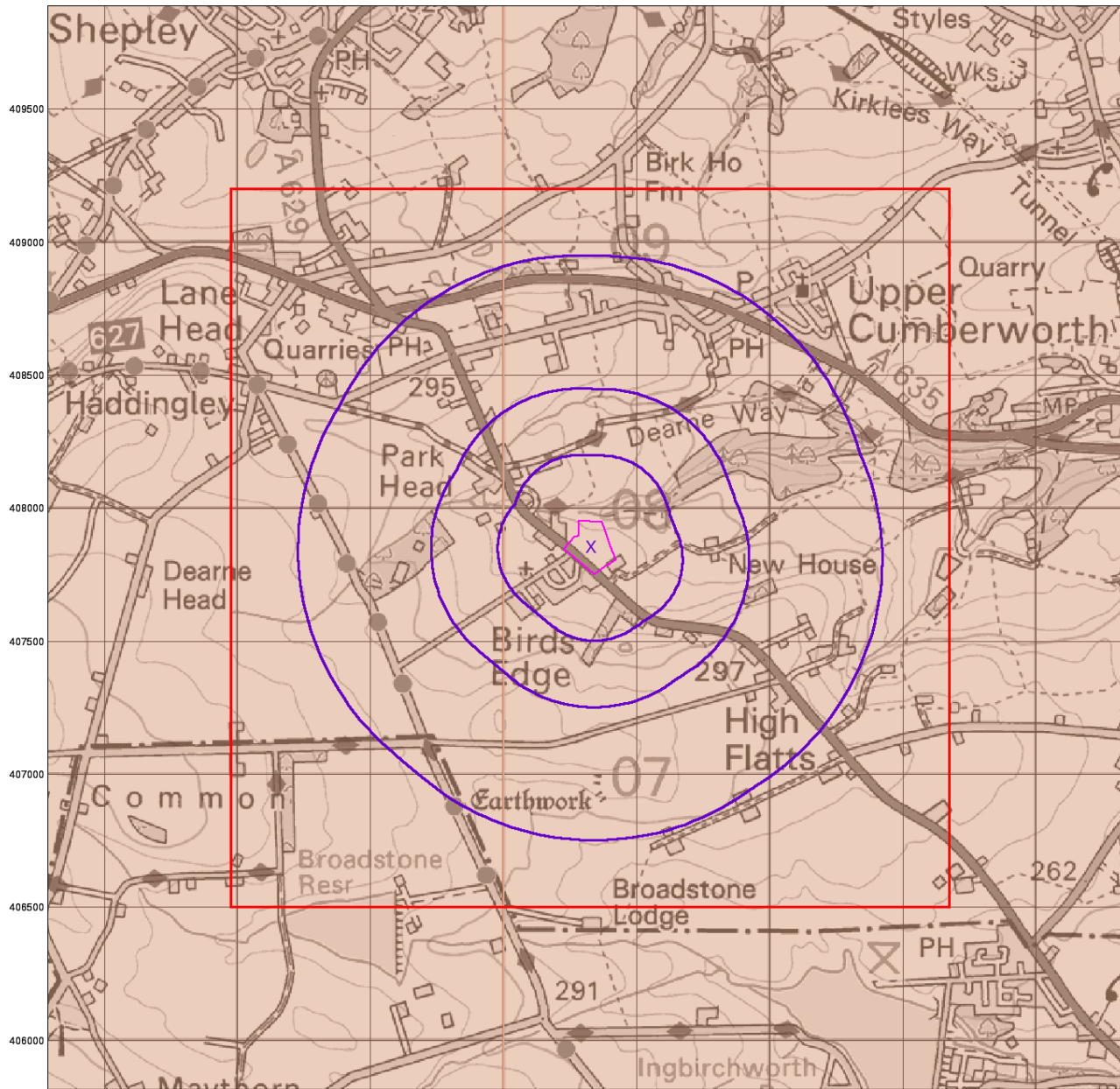
Site Details

Site at 420330, 407860

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Bedrock Aquifer Designation

General

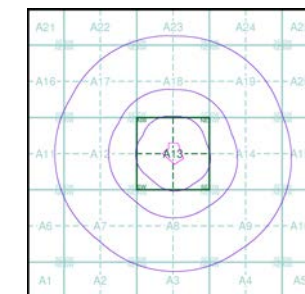
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

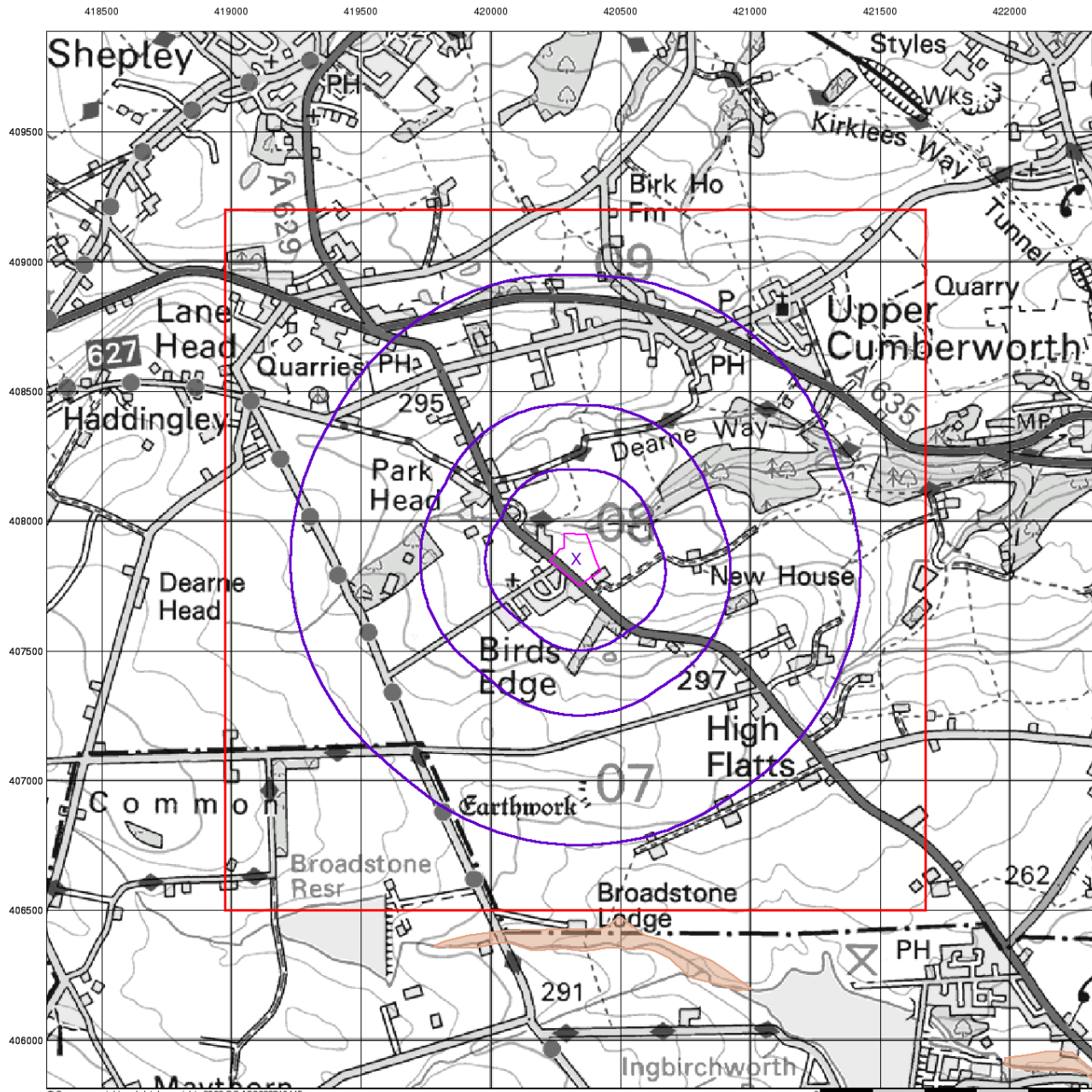
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 Search Buffer (m): 1000

Site Details

Site at 420330, 407860

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Superficial Aquifer Designation

General

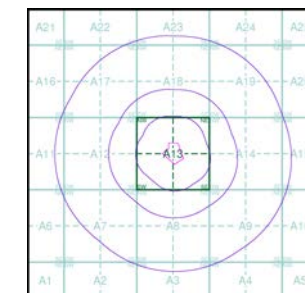
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

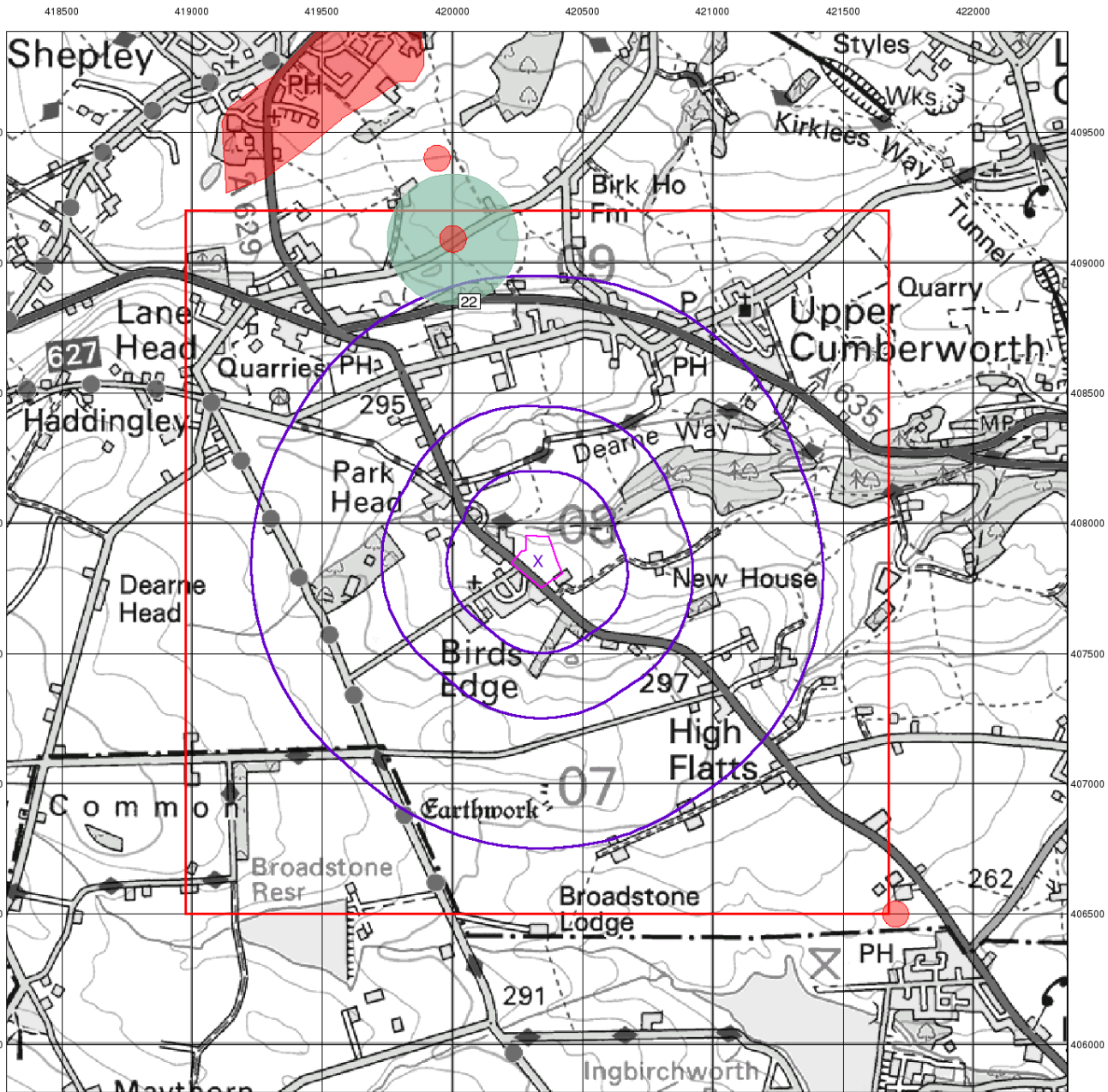
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 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860

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Source Protection Zones

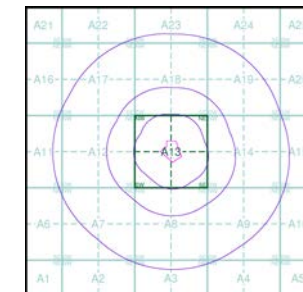
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

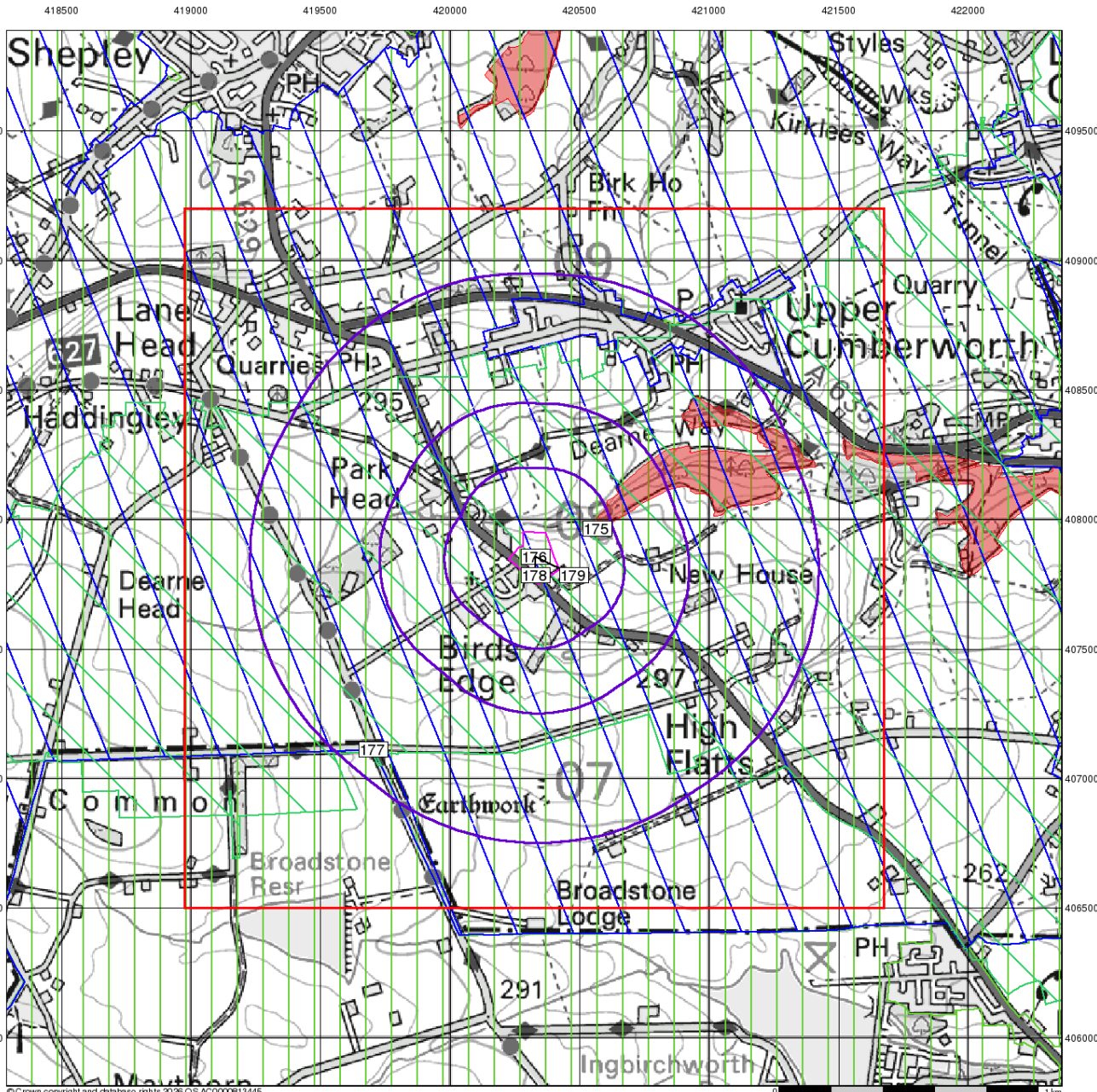
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Site Details

Site at 420330, 407860

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


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Sensitive Land Uses

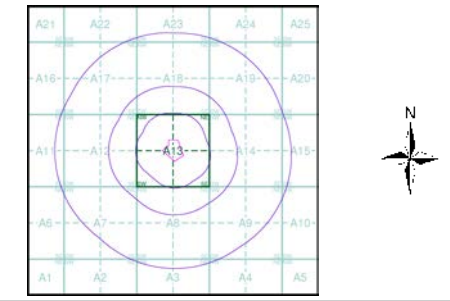
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

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 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

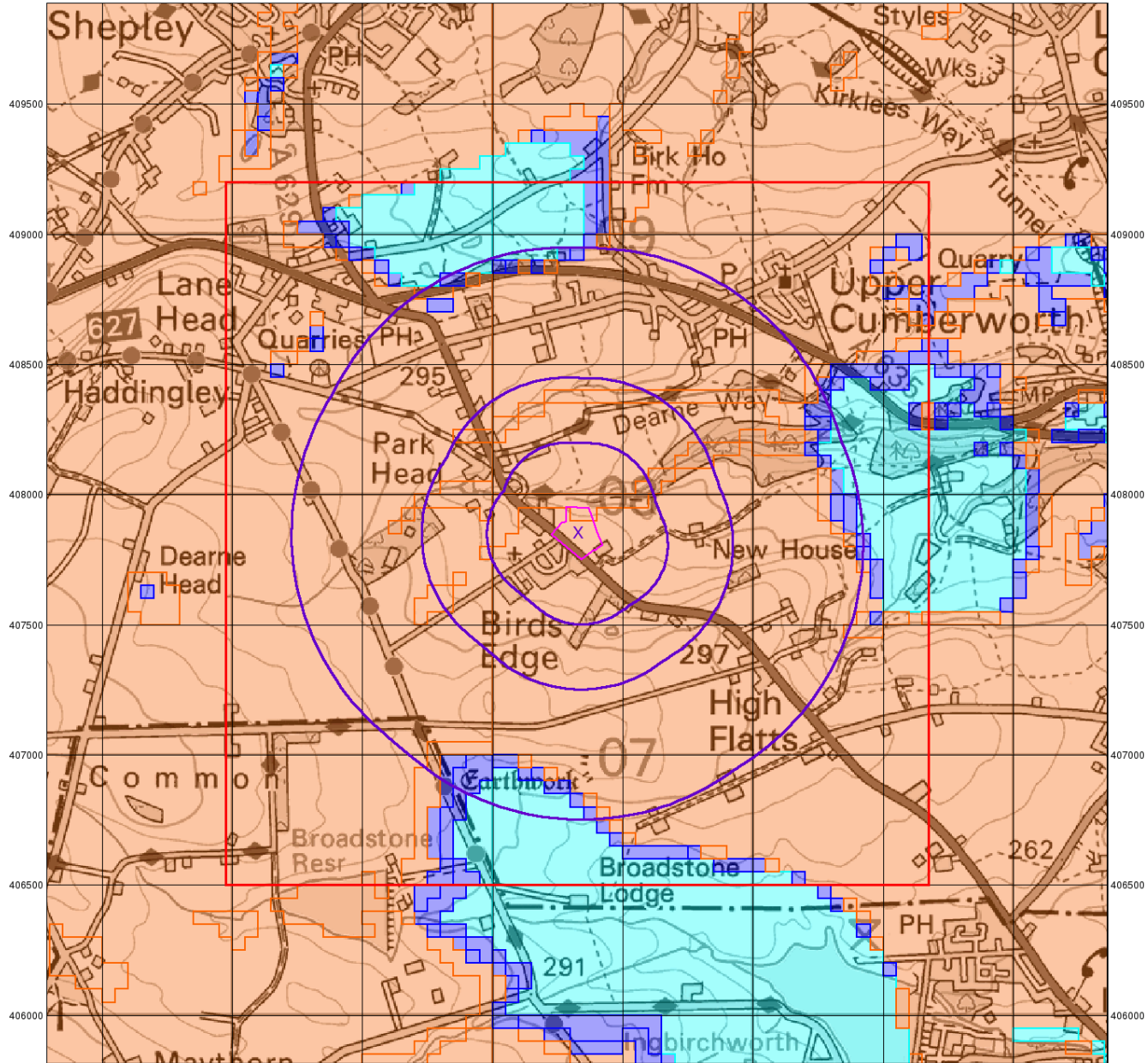
Site Details

Site at 420330, 407860

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BGS Flood GFS Data

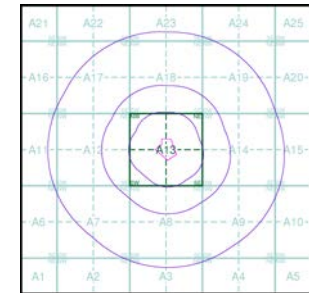
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860

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General

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

Agency and Hydrological

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

Waste

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

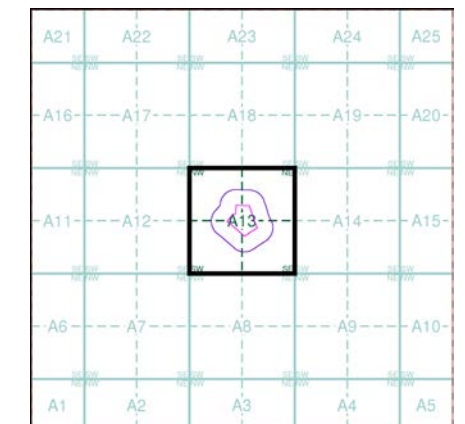
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13

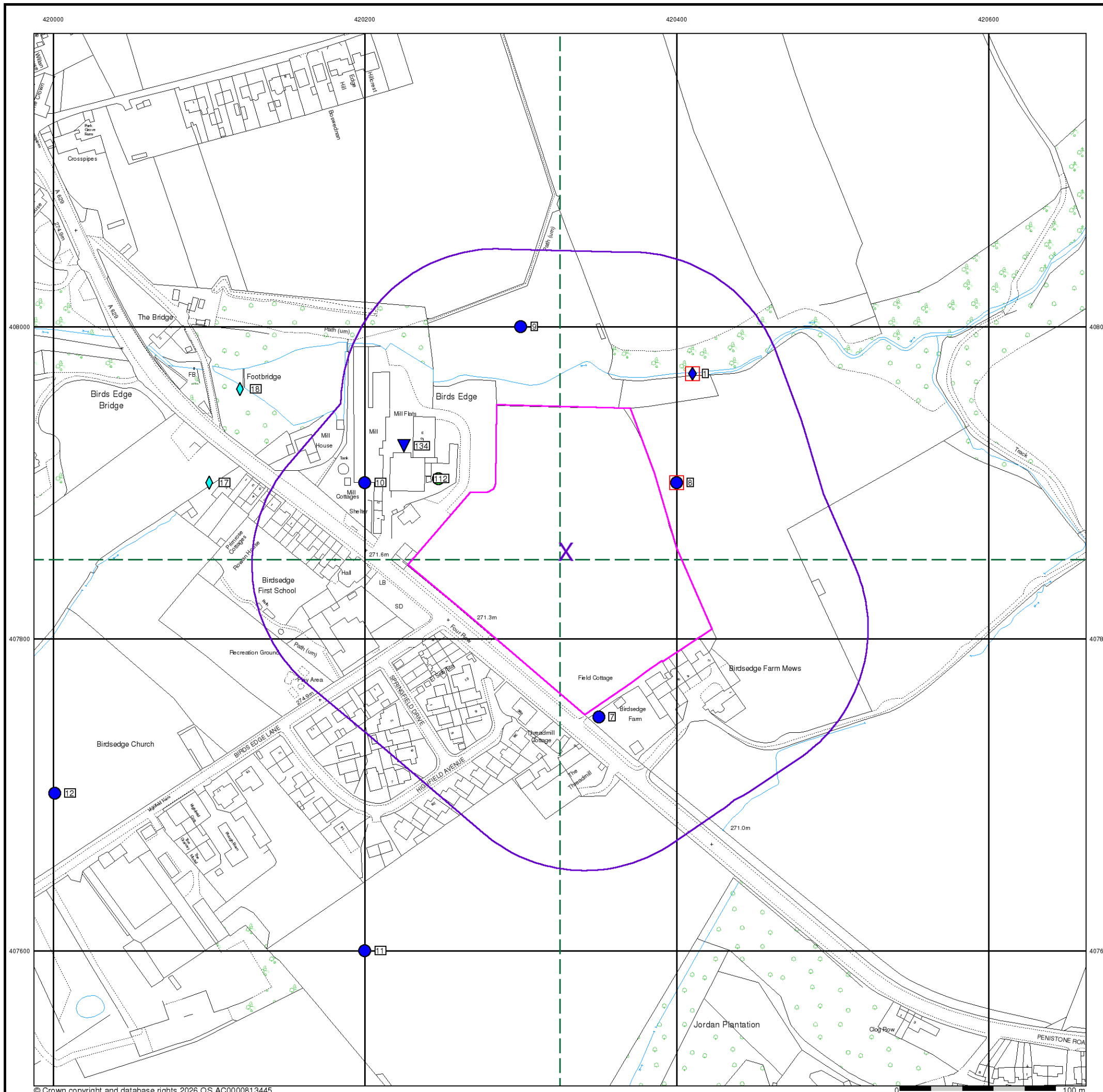


Order Details

Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Plot Buffer (m): 100

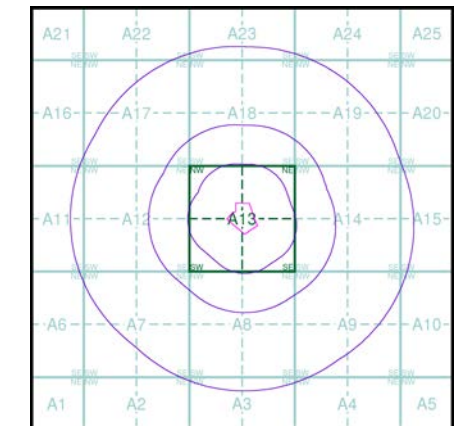
Site Details

Site at 420330, 407860



- 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
 - Historical Prosecutions
 - Prosecutions
 - Registered Radioactive Substance
 - River Network or Water Feature
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - 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
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Slice A

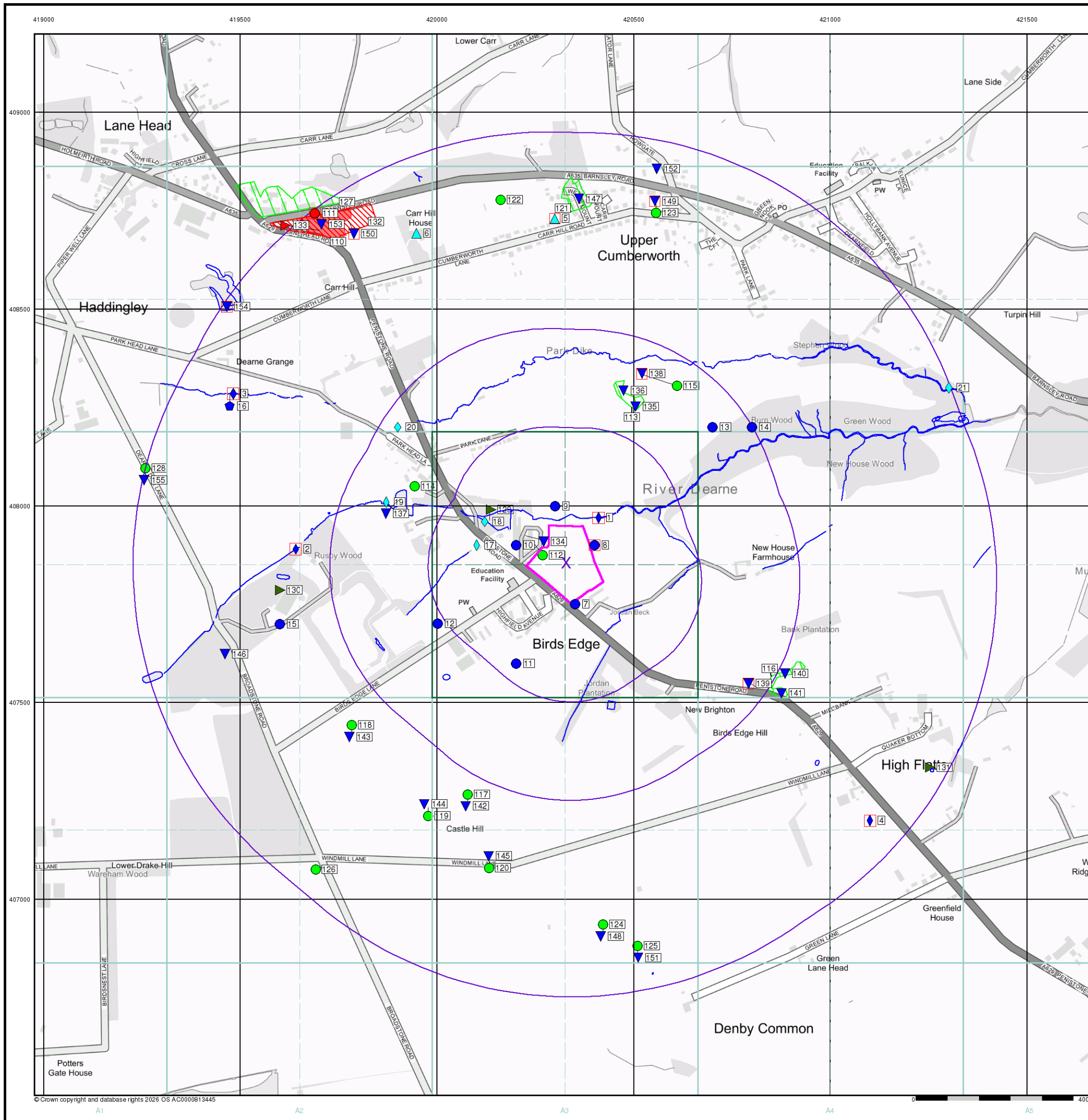


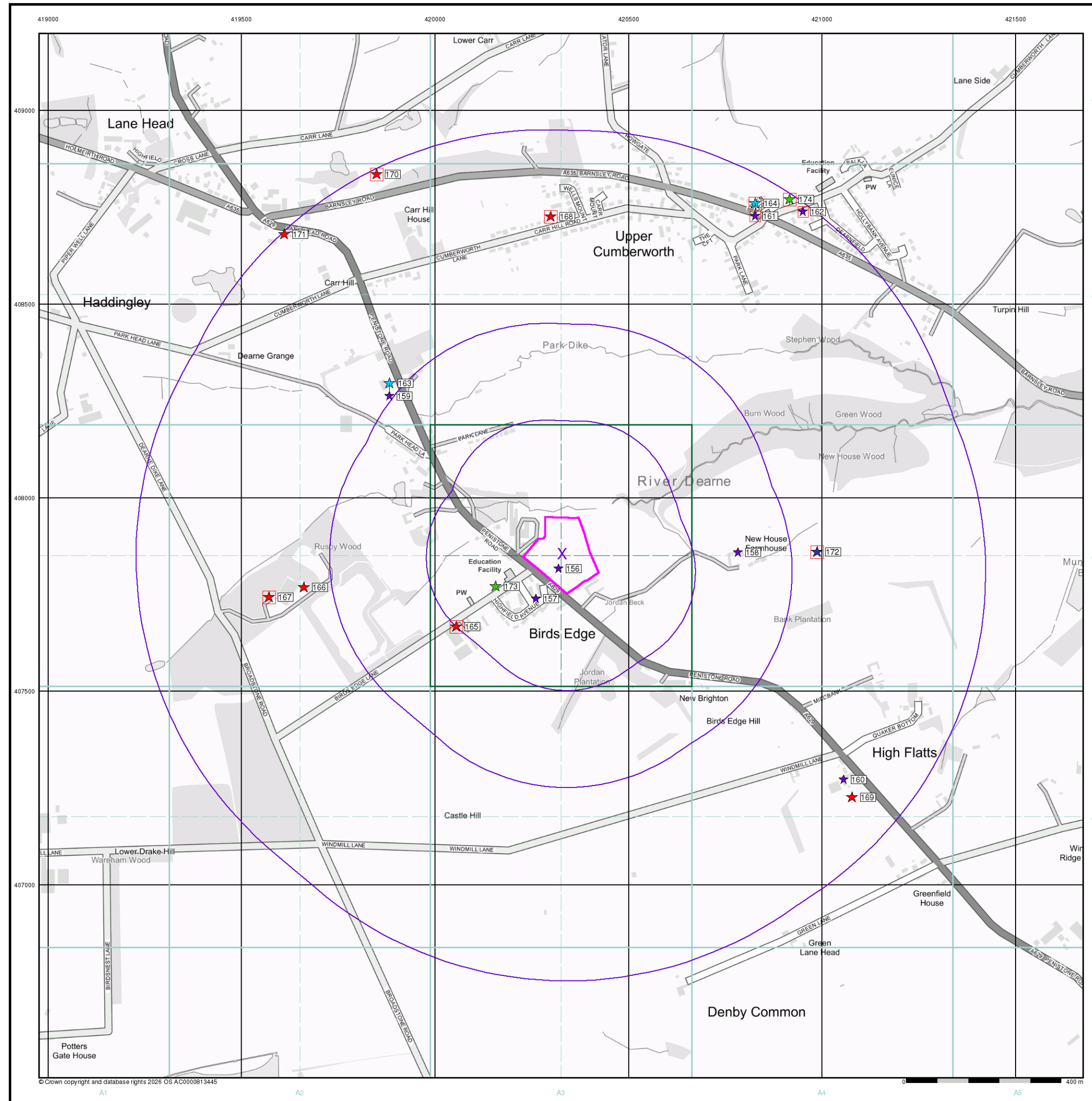
Order Details

Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860

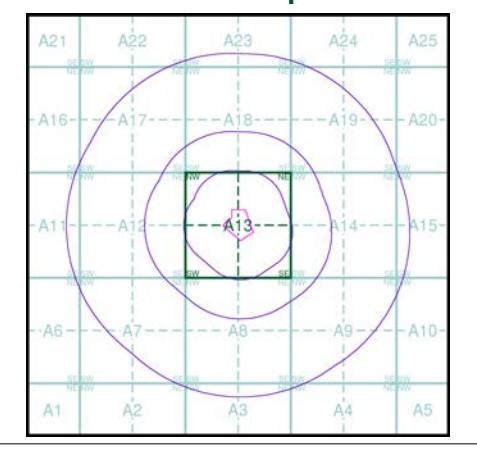




Industrial Land Use Map

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Slice
 - Map ID
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry
 - Points of Interest - Commercial Services
 - Points of Interest - Education and Health
 - Points of Interest - Manufacturing and Production
 - Points of Interest - Public Infrastructure
 - Points of Interest - Recreational and Environmental
 - Underground Electrical Cables

Industrial Land Use Map - Slice A

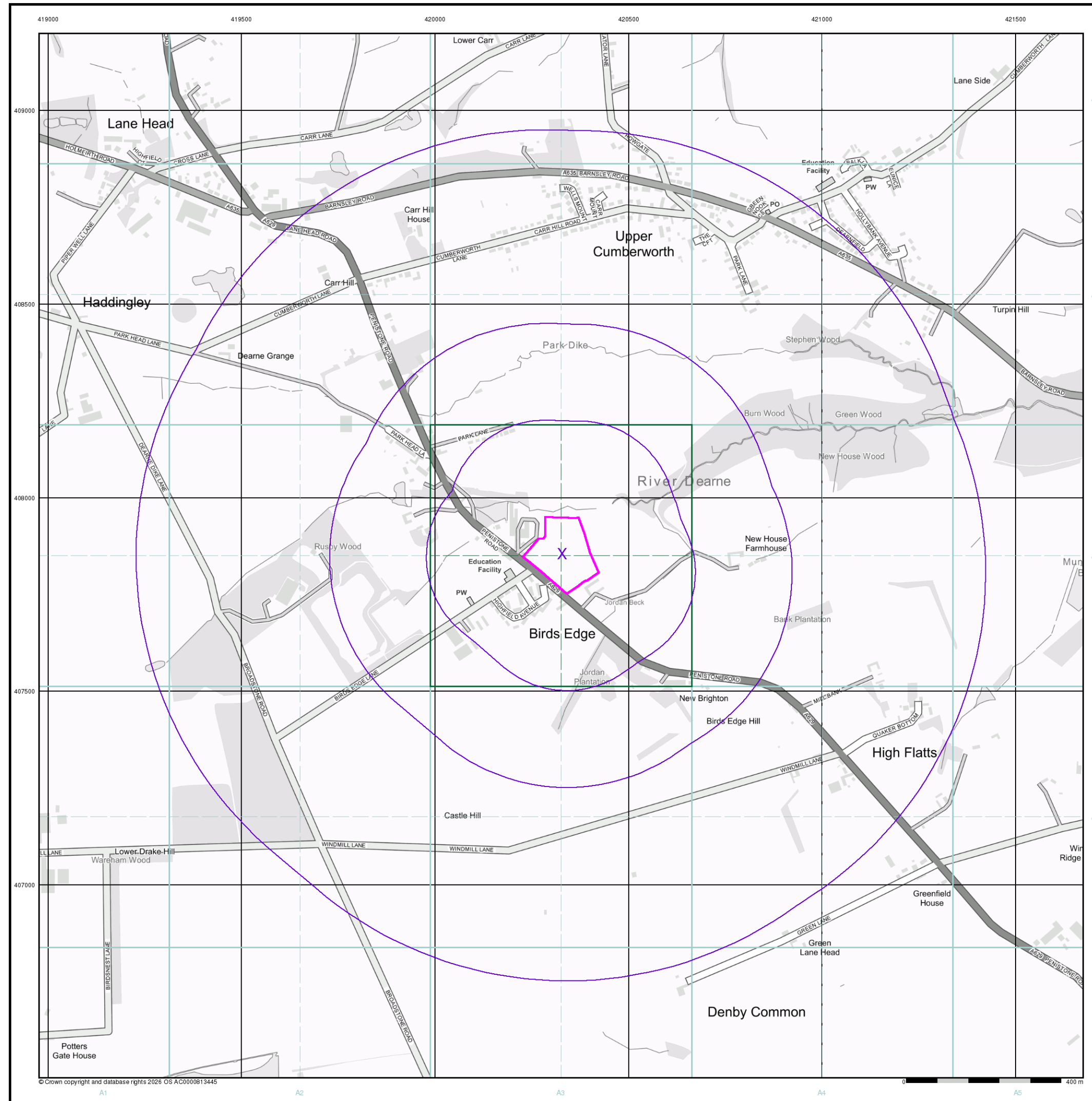


Order Details

Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860



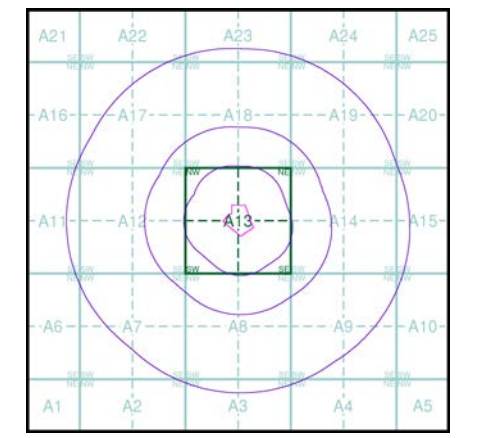
General

- 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

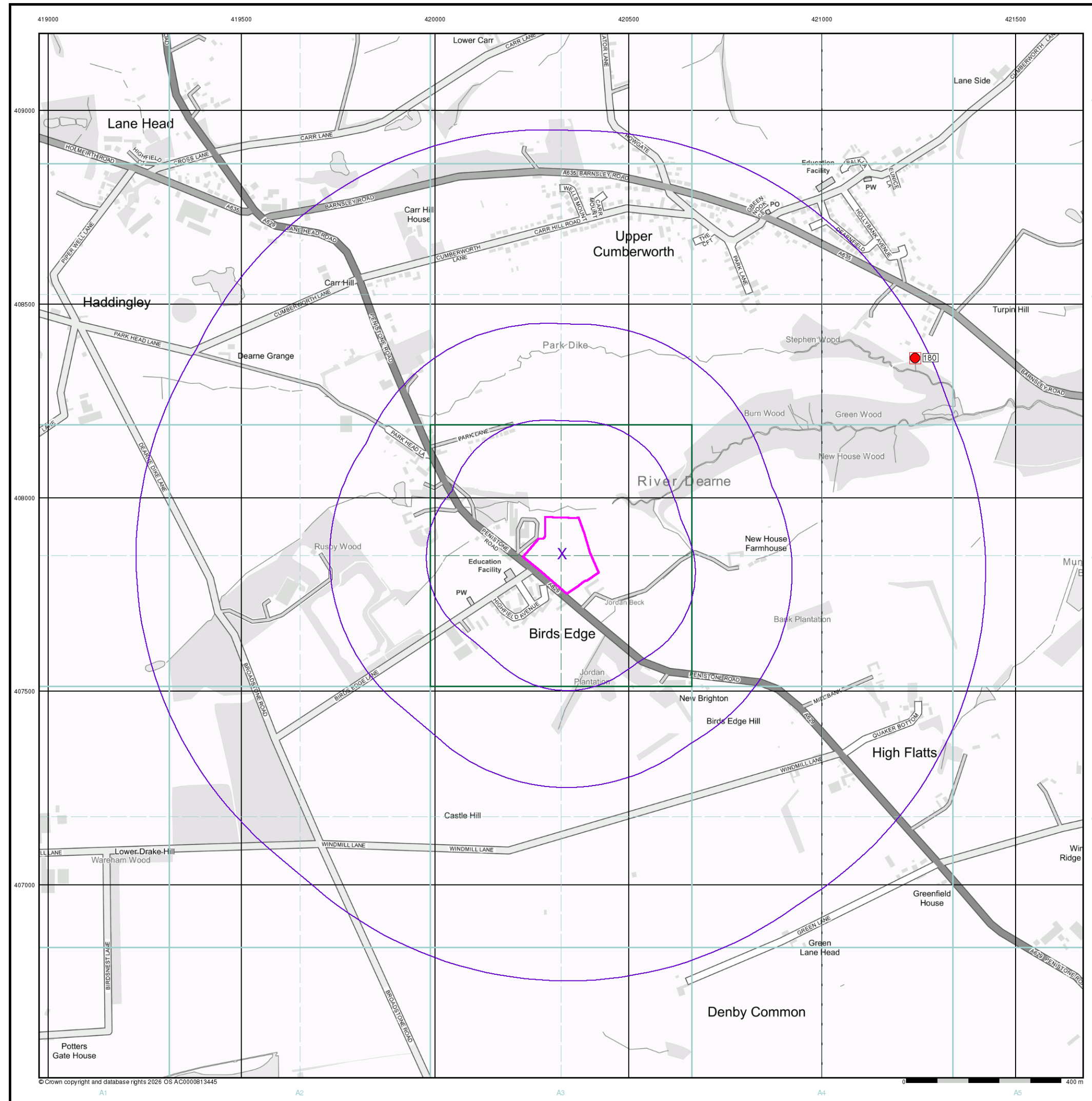


Order Details

Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860



General

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

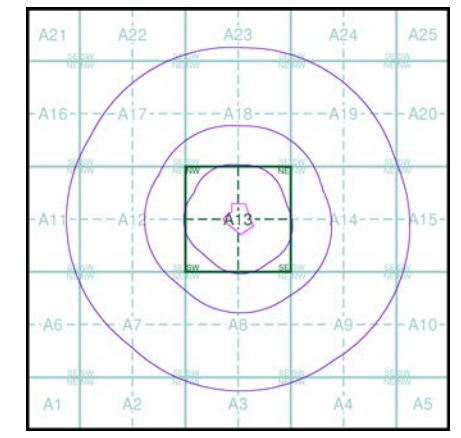
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

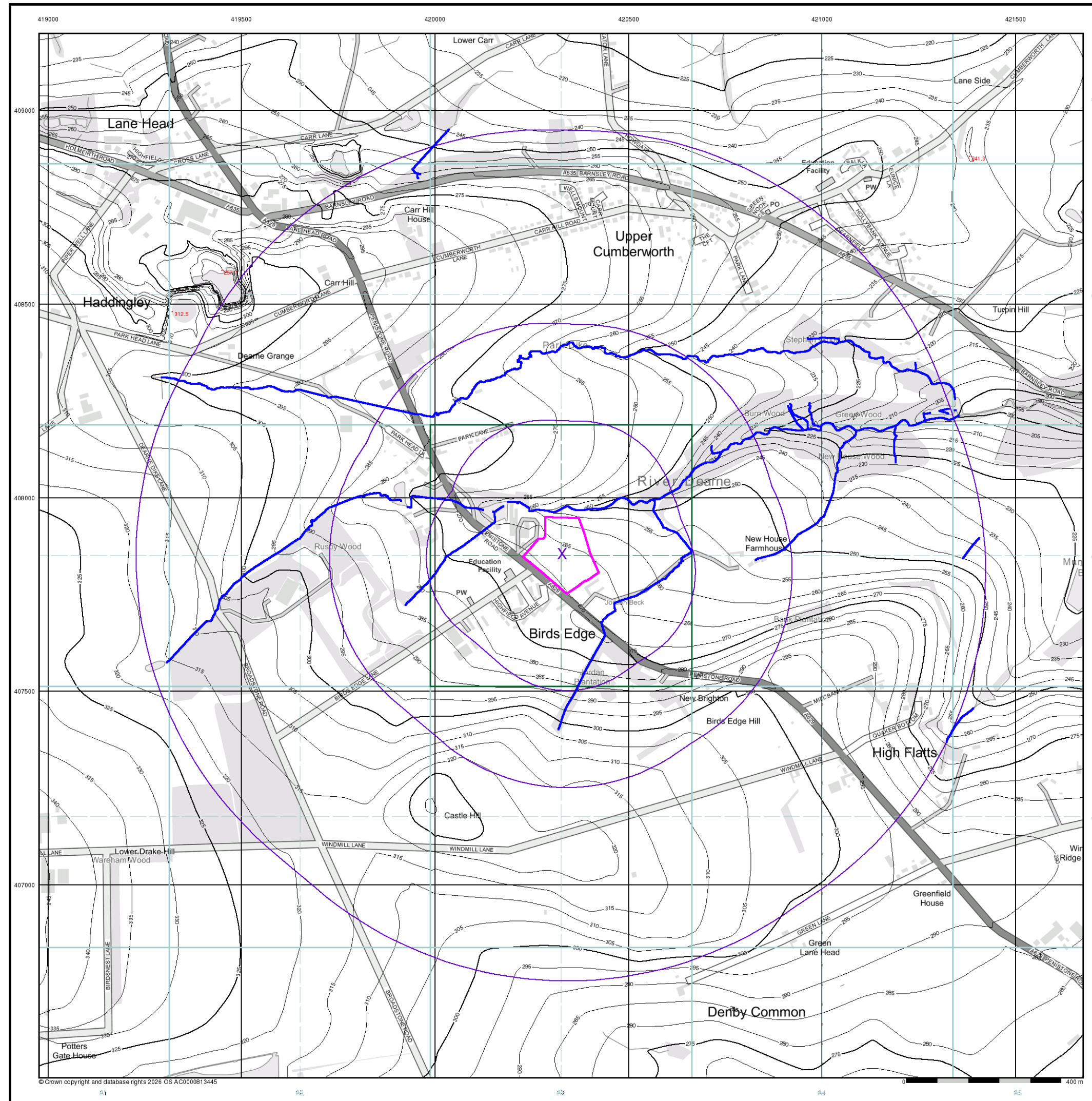


Order Details

Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860



General

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

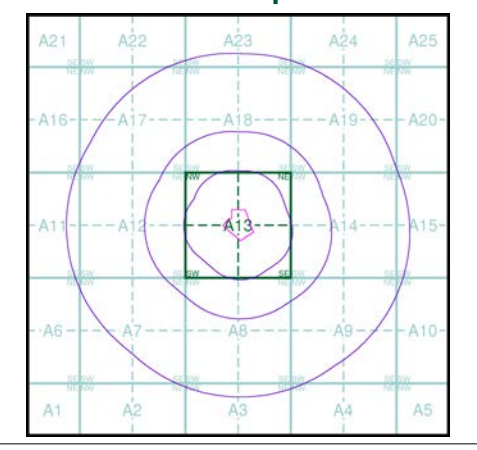
OS Water Network Data

- | | |
|--------------|-------------------------|
| 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 Mean Low Water
- Master Contour 100 Mean High Water
- Spot Height 167.3

OS Water Network Map - Slice A



Order Details

Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860

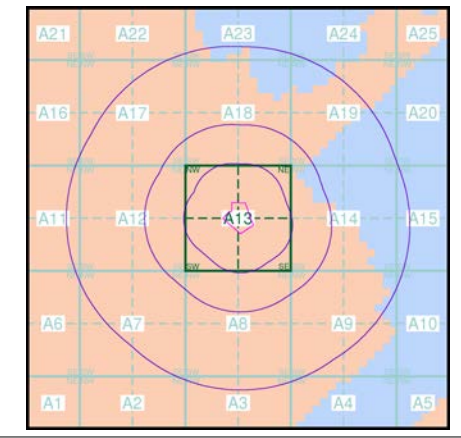


- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point

- 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

EANRW Suitability Map - Slice A

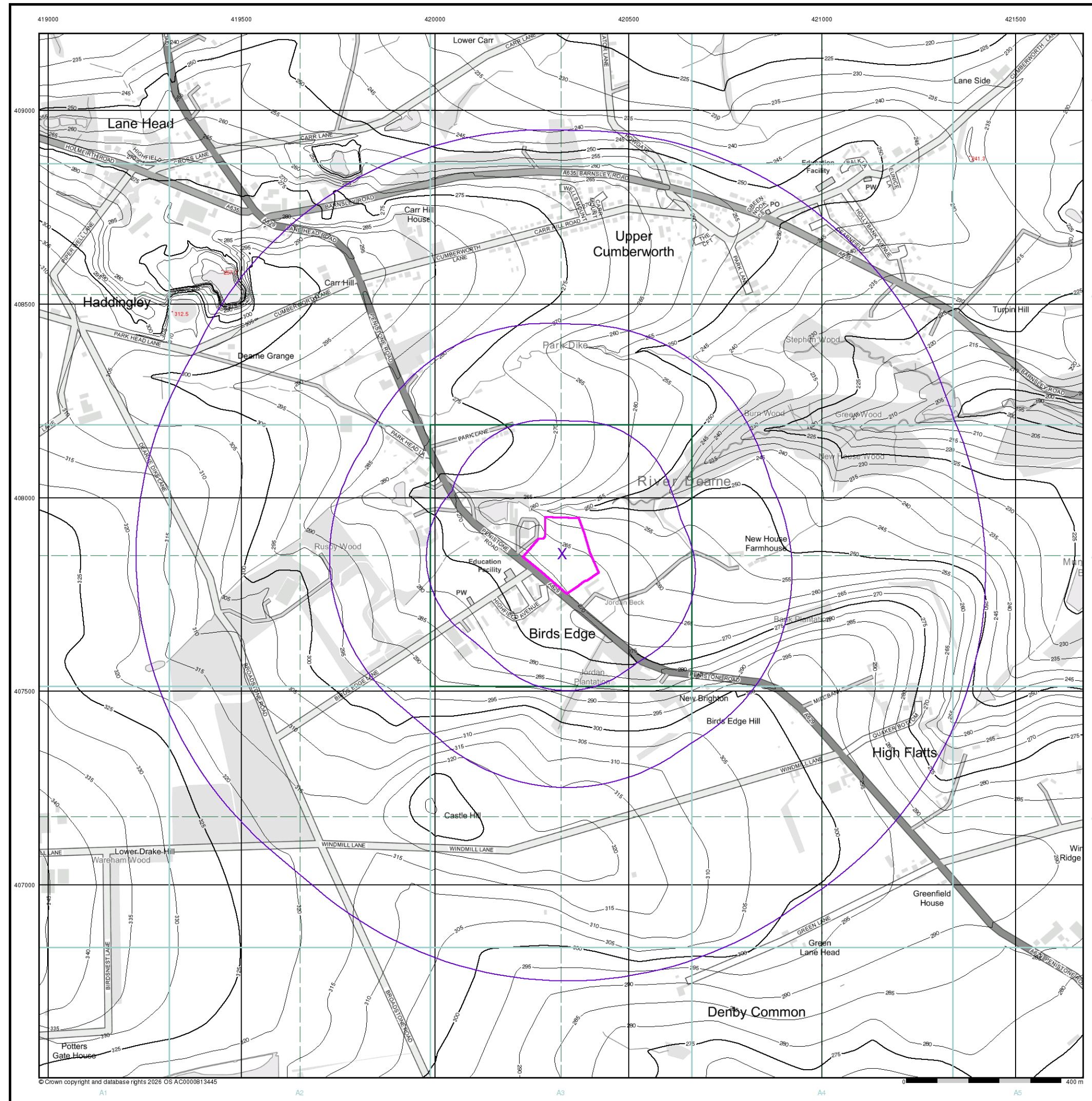


Order Details

Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860



WFD Surface Waters Map

General

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

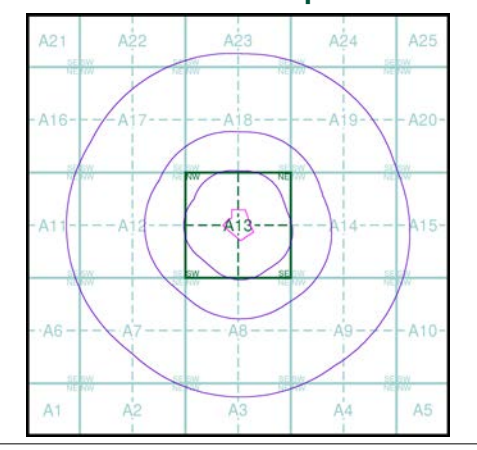
Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

Contours (height in meters)

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

WFD Surface Waters Map - Slice A



Order Details

Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

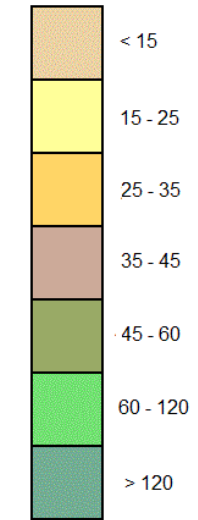
Site at 420330, 407860

General

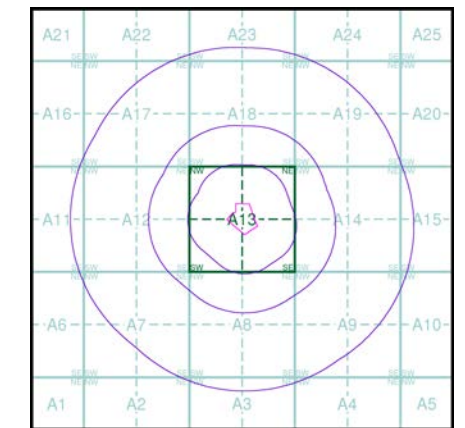
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

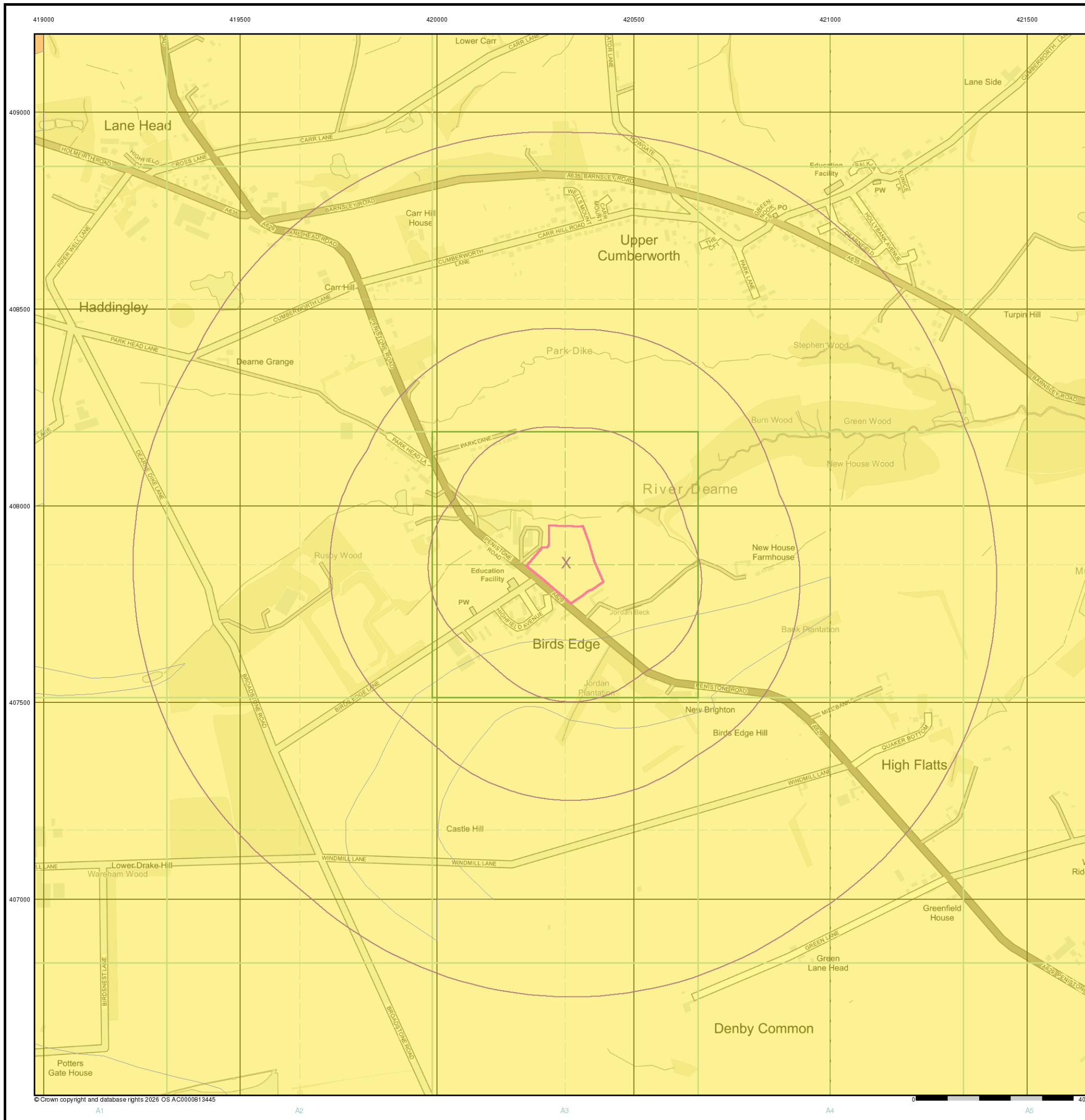


Order Details

Order Details: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860

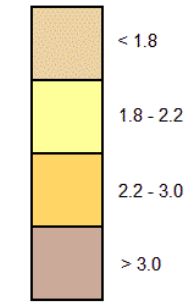


General

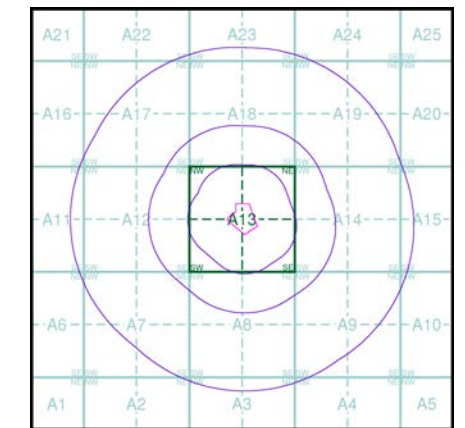
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

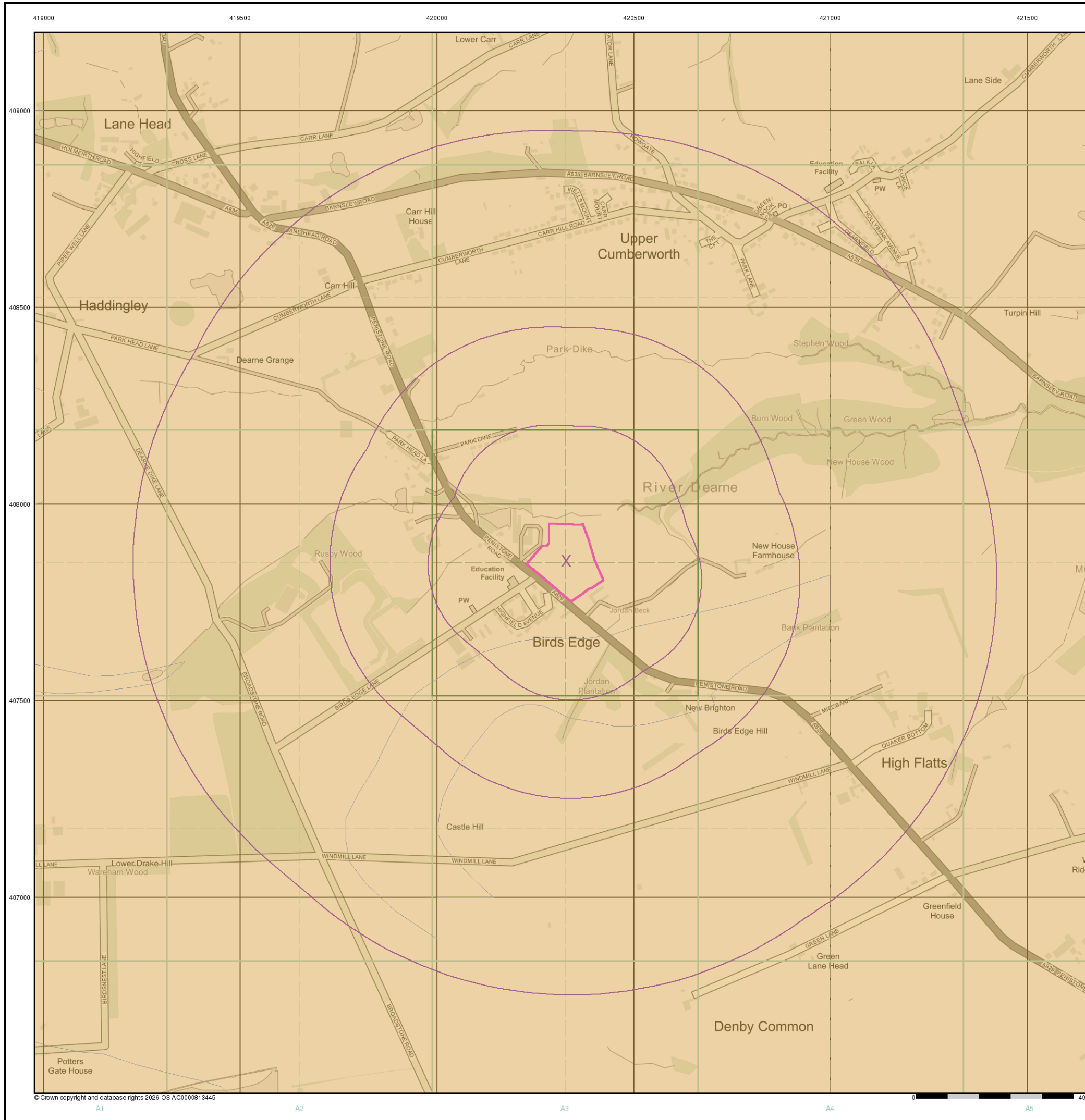


Order Details

Order Details: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860

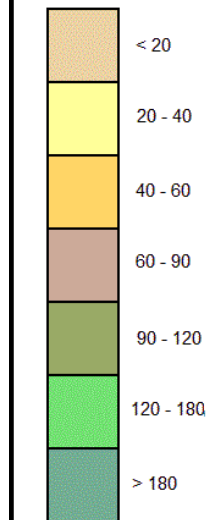


General

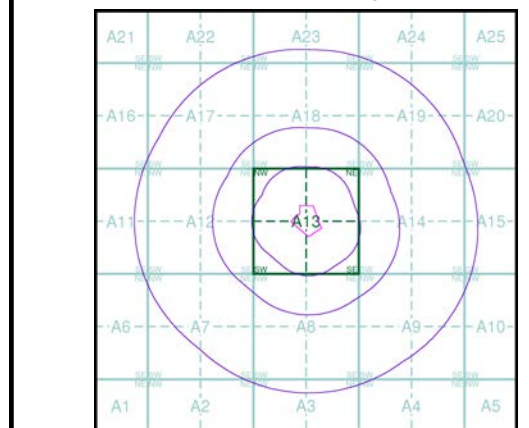
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

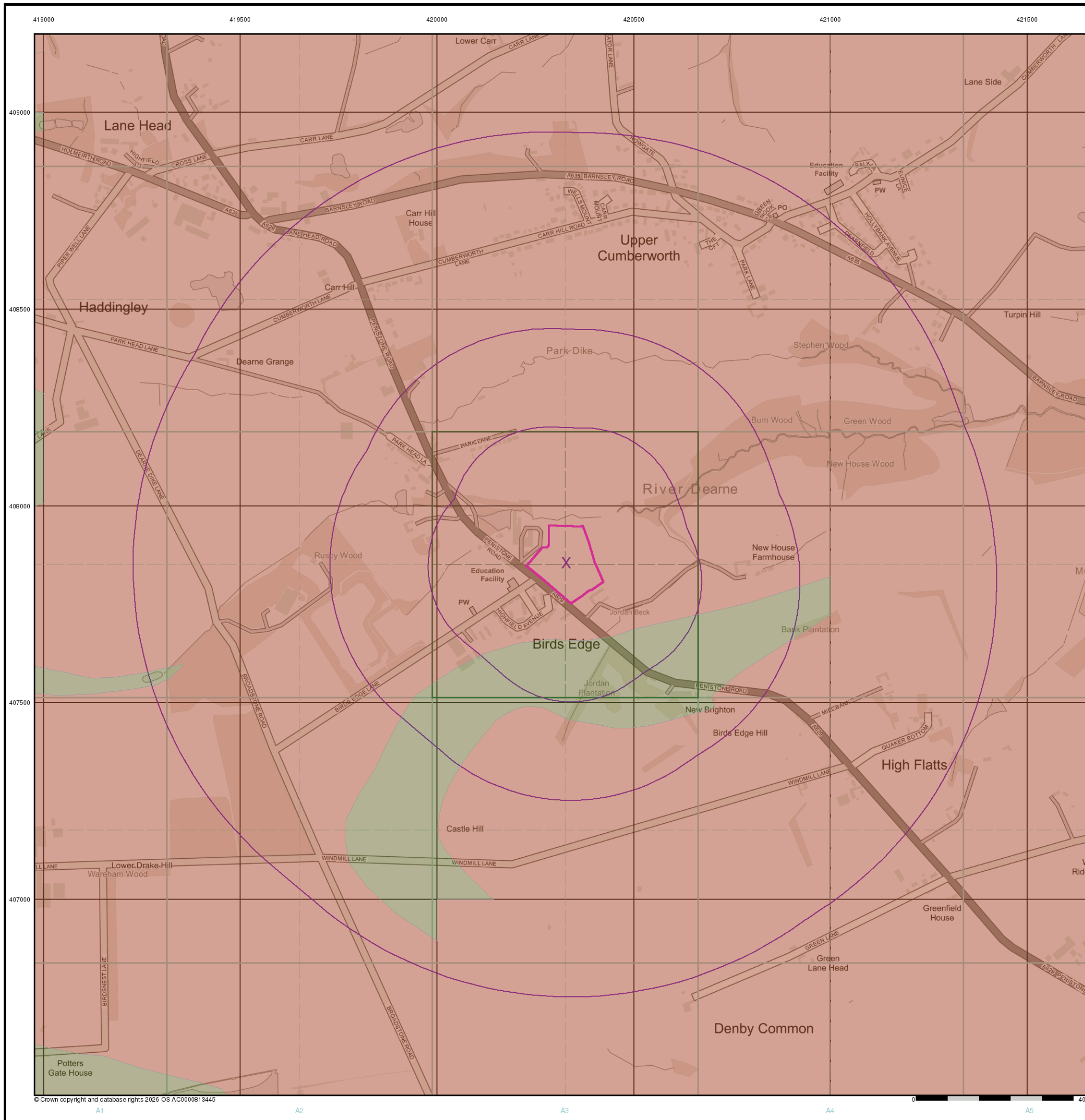


Order Details

Order Details: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860

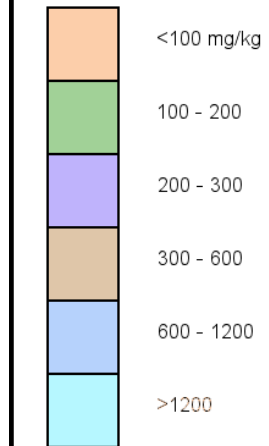


General

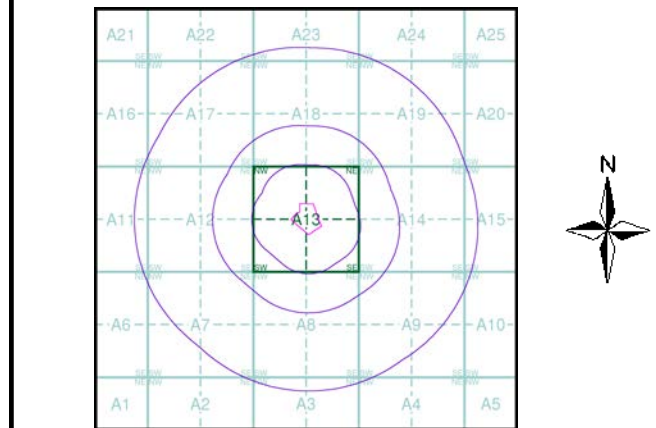
- ✱ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

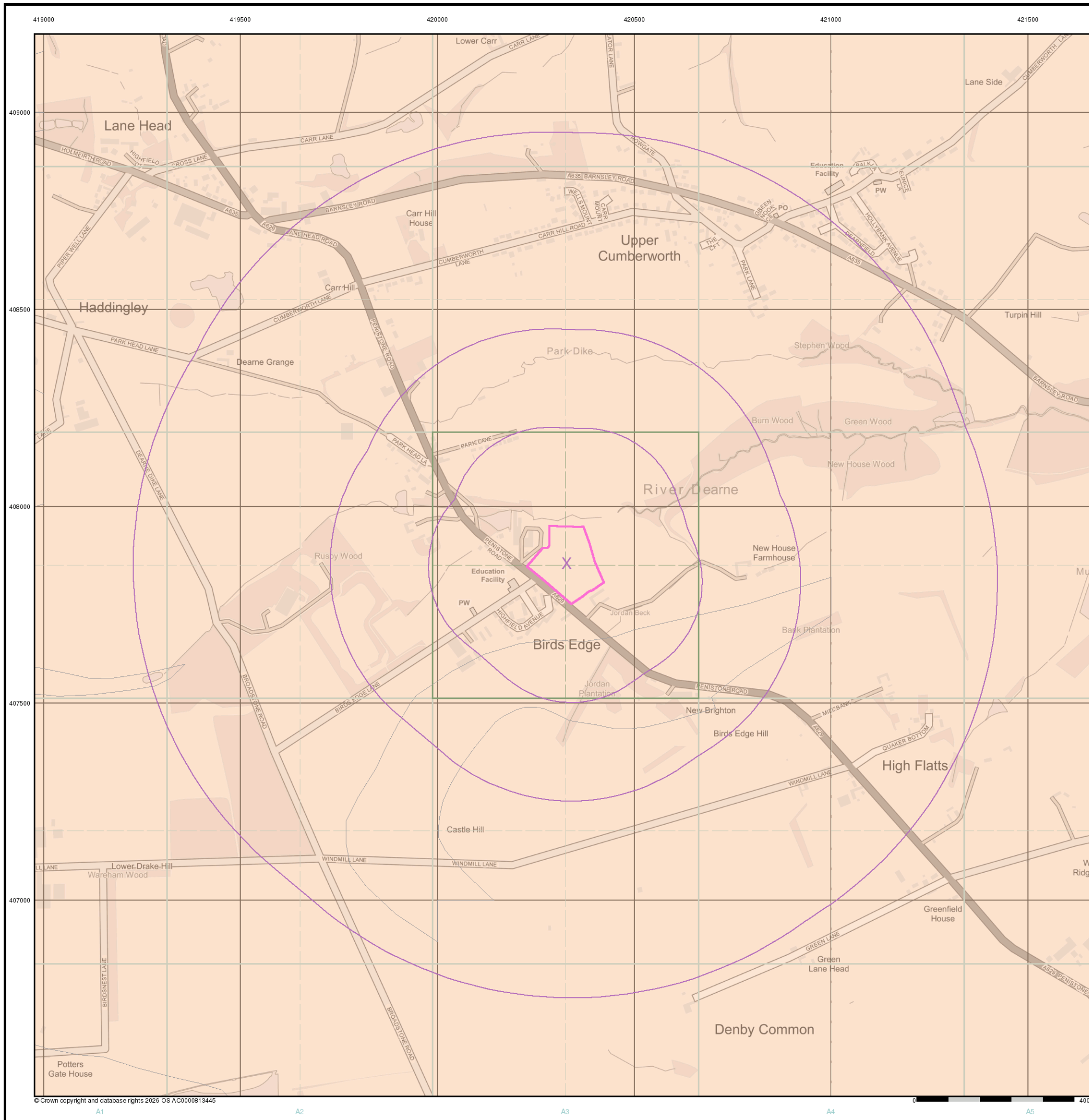


Order Details

Order Details: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860



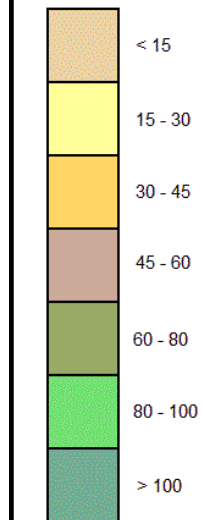
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General

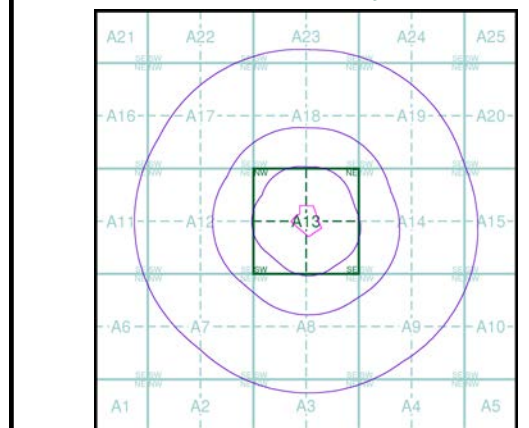
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A

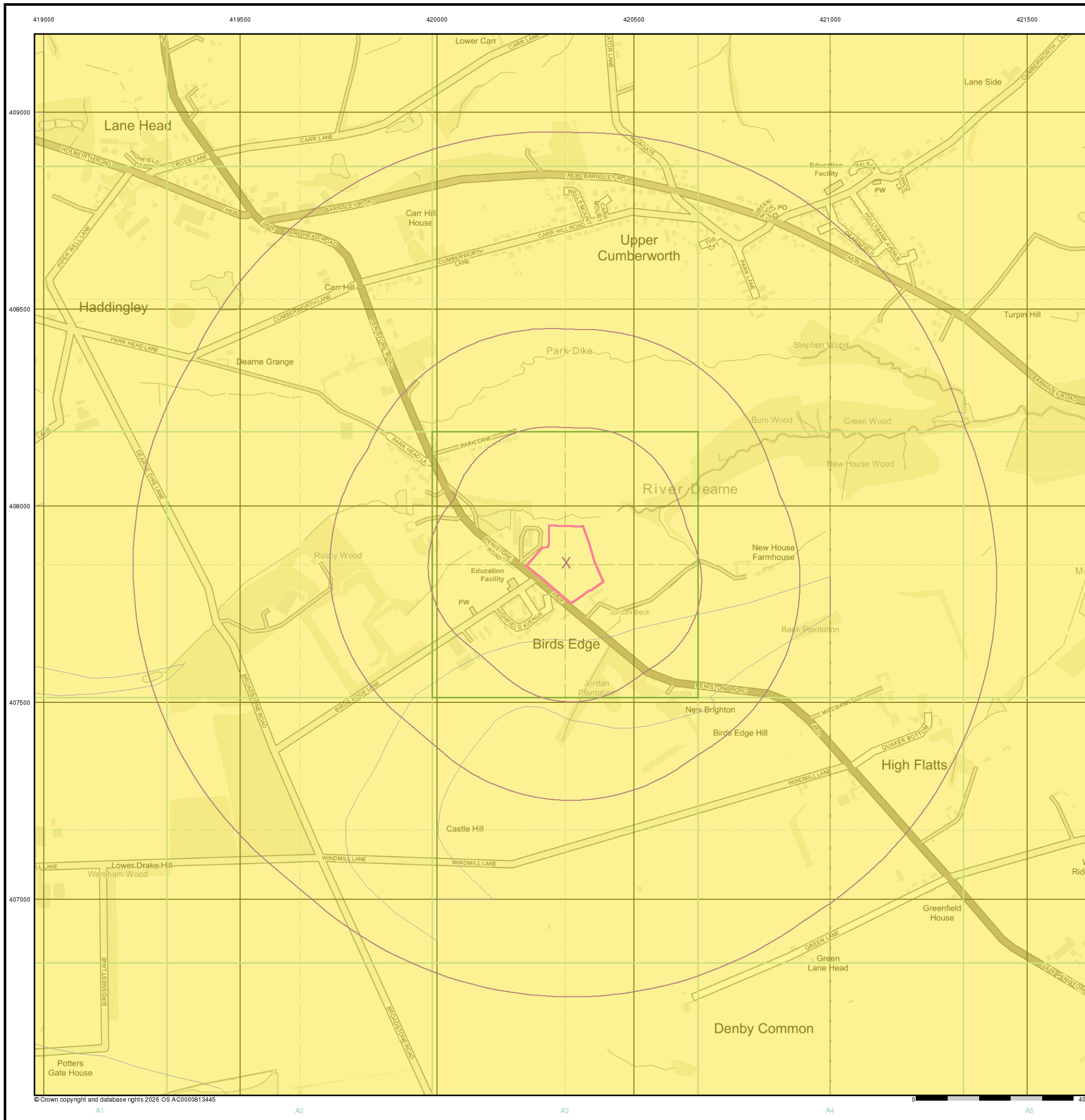


Order Details

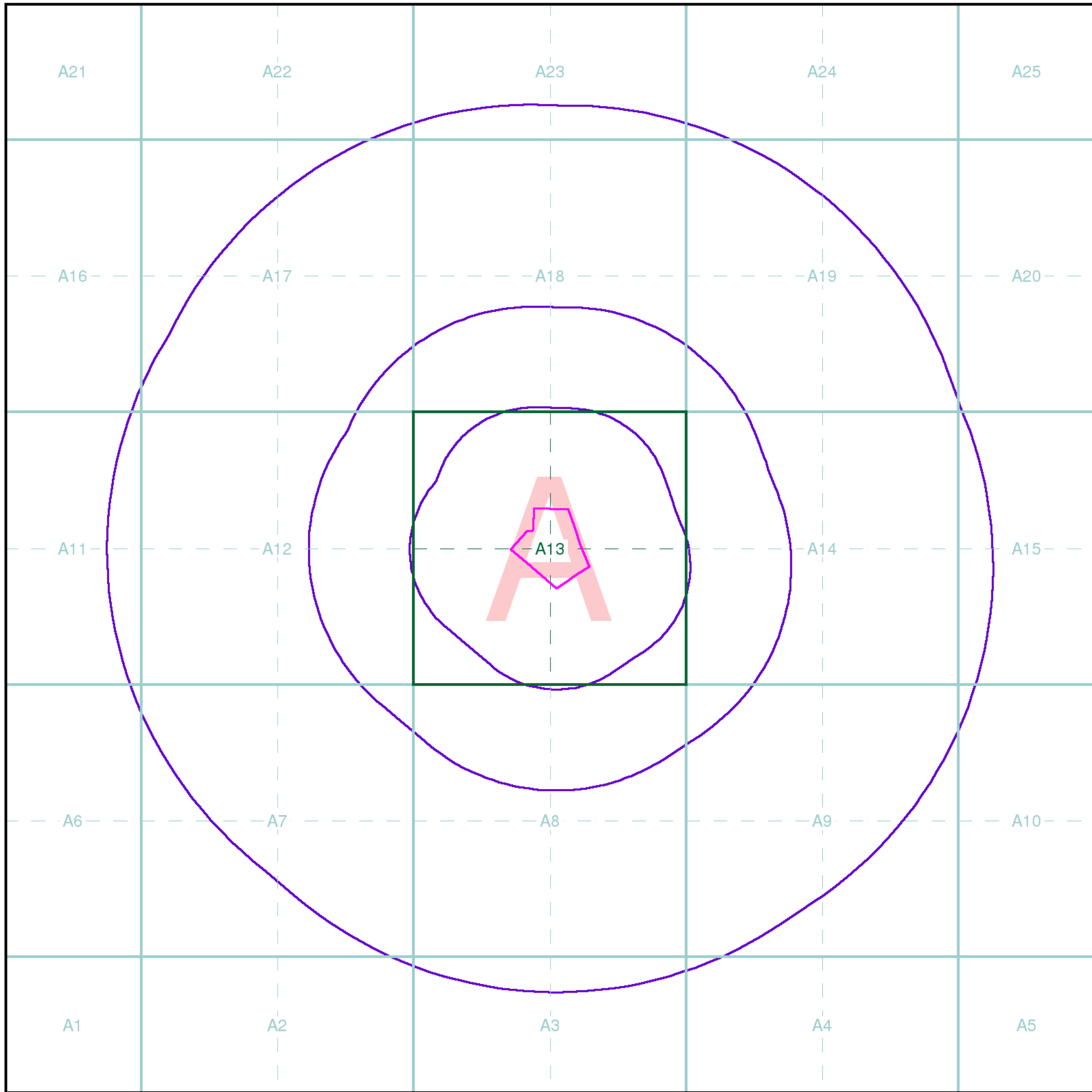
Order Details: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860



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Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mrs Mitchell, Eastwood & Partners Ltd, St Andrews House, 23 Kingfield Road, Sheffield, S11 9AS

Order Details

Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407850
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860

Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		Heath
	Rough Grassland		Marsh
	Reeds		Saltings
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	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 Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

1:10,000 Raster Mapping

	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	MHW(S) Mean high water (springs)		MLW(S) Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	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

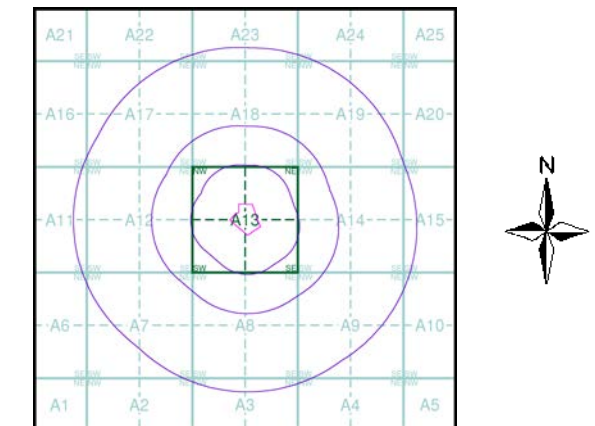
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1851	2
Yorkshire	1:10,560	1894	3
Yorkshire	1:10,560	1907	4
Yorkshire	1:10,560	1933	5
Yorkshire	1:10,560	1948	6
Ordnance Survey Plan	1:10,000	1955	7
Ordnance Survey Plan	1:10,000	1967	8
Ordnance Survey Plan	1:10,000	1970	9
Ordnance Survey Plan	1:10,000	1982 - 1985	10
10K Raster Mapping	1:10,000	2000	11
10K Raster Mapping	1:10,000	2006	12
VectorMap Local	1:10,000	2025	13

Historical Map - Slice A



Order Details

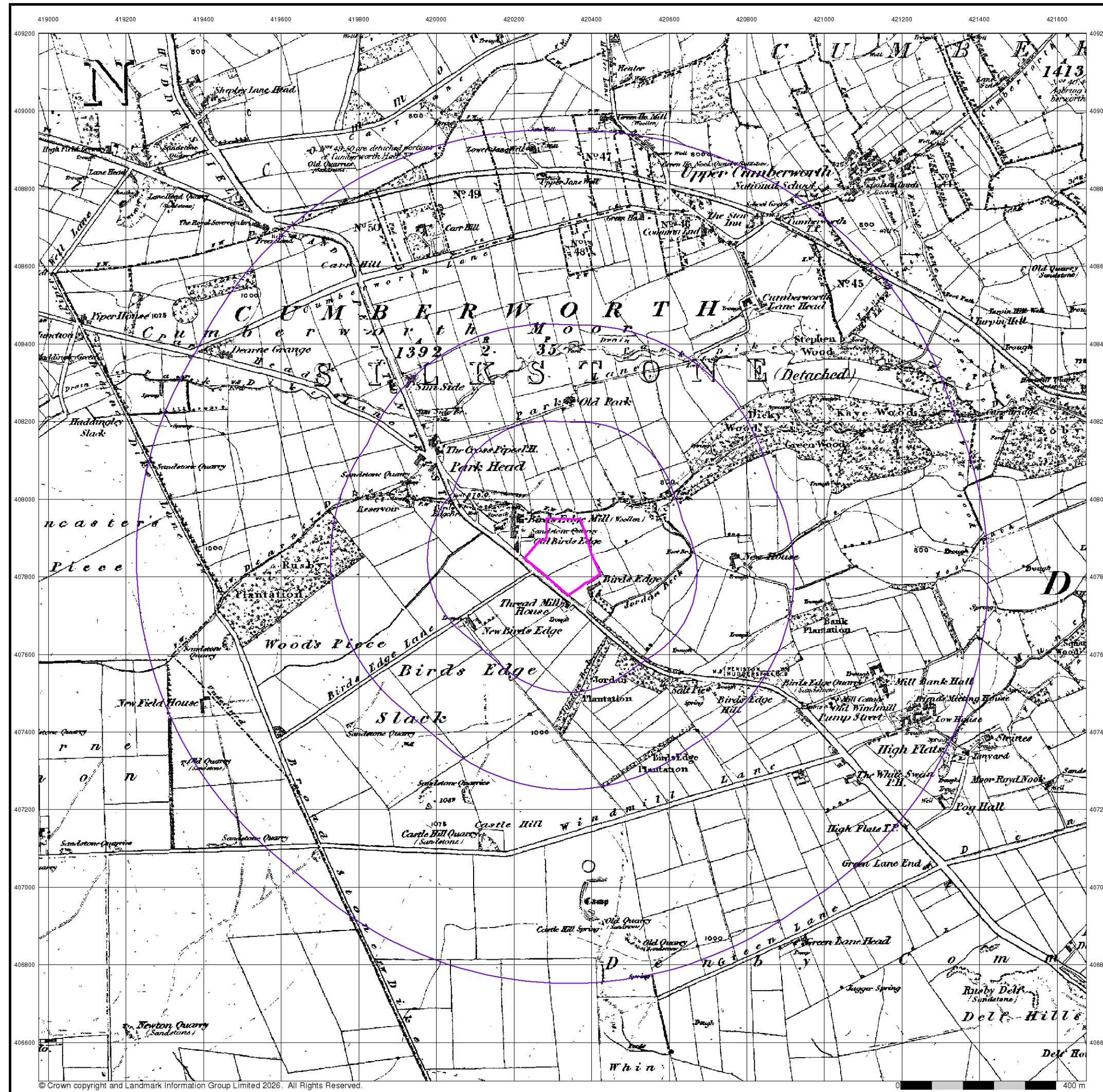
Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860

Landmark
 INFORMATION GROUP

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



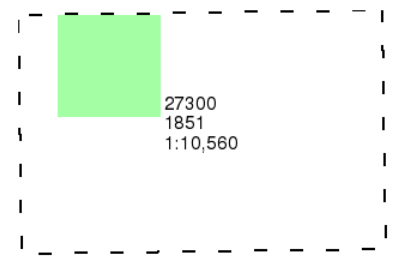
Yorkshire

Published 1851

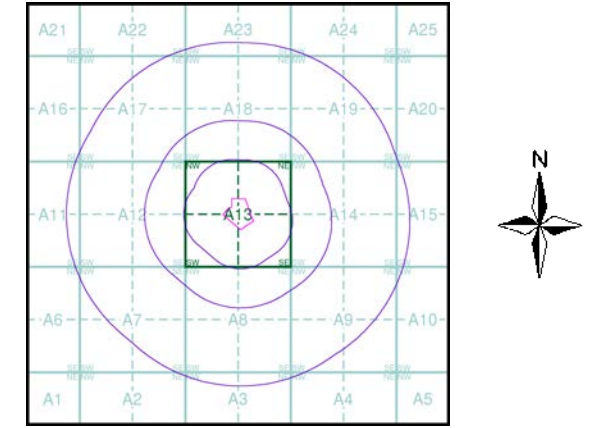
Source map scale - 1:10,560

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

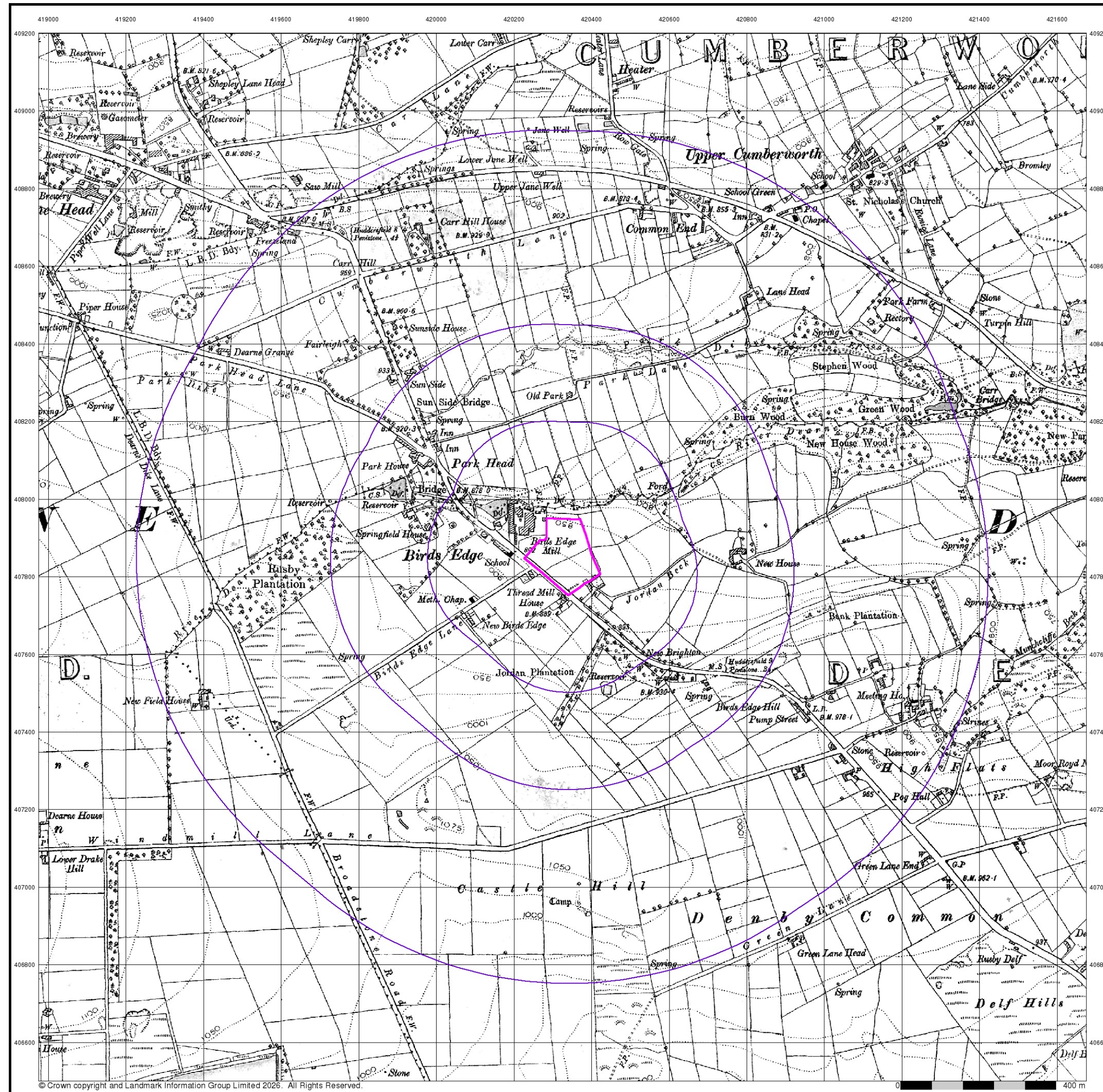


Order Details

Order Number:	393571780_1_1
Customer Ref:	50175
National Grid Reference:	420330, 407860
Slice:	A
Site Area (Ha):	2.29
Search Buffer (m):	1000

Site Details

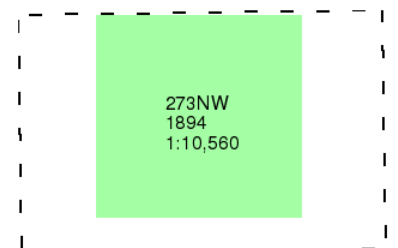
Site at 420330, 407860



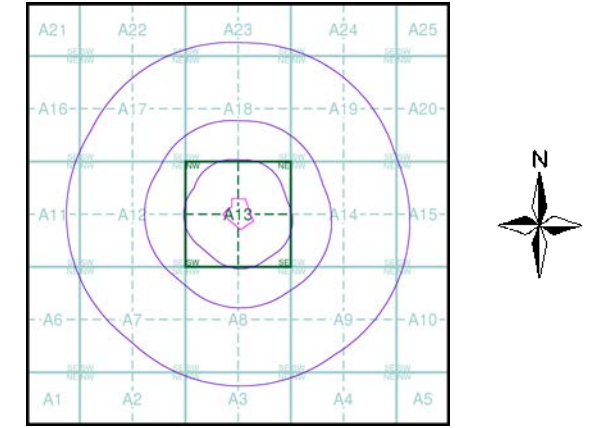
Yorkshire
Published 1894
Source map scale - 1:10,560

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)

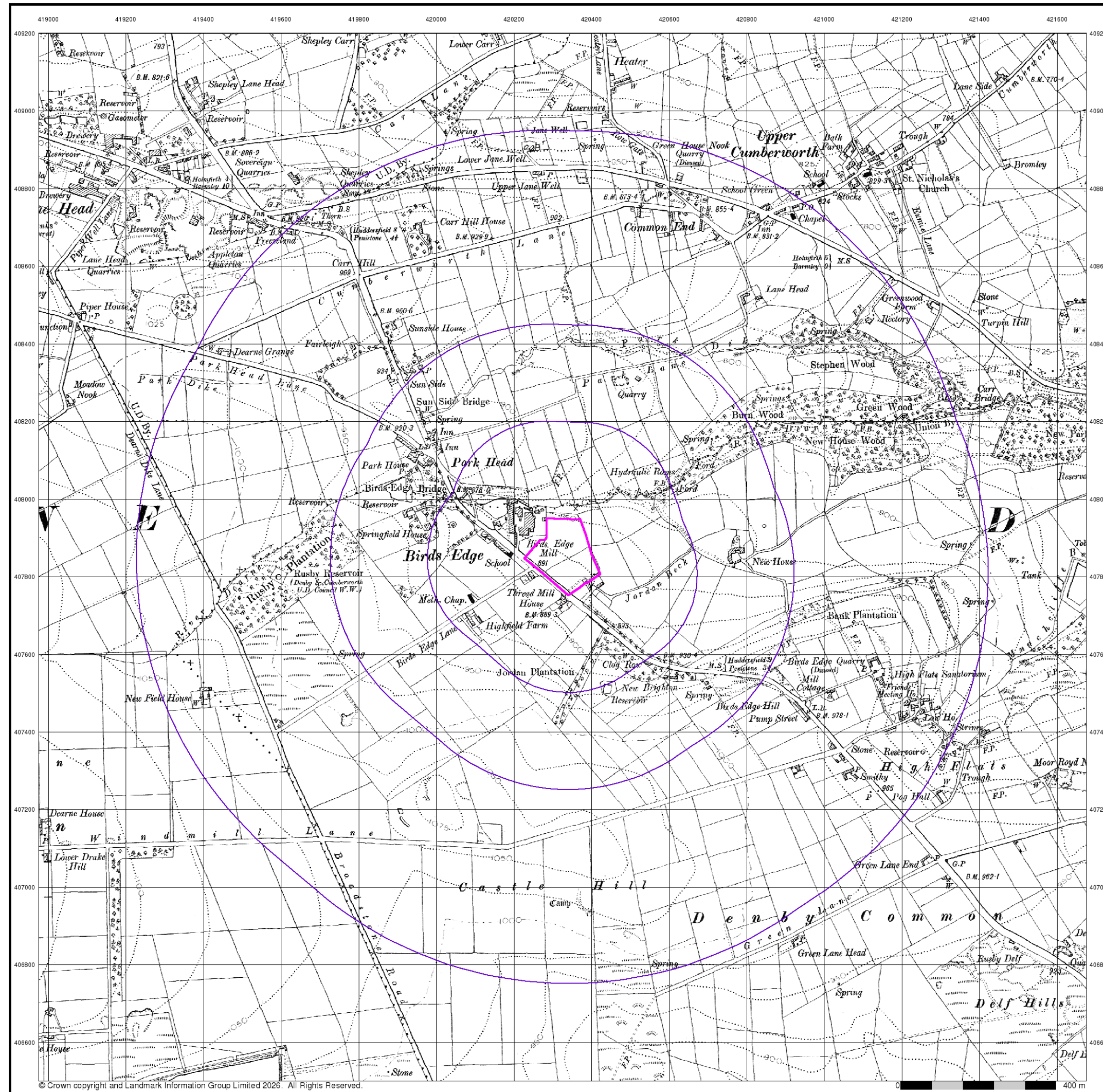


Historical Map - Slice A



Order Details
 Order Number: 393571780_1_1
 Customer Ref: 50175
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 Slice: A
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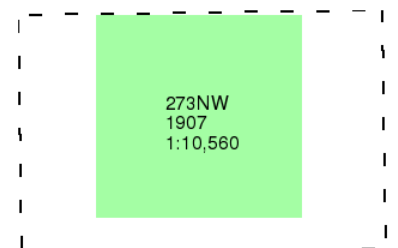
Site Details
 Site at 420330, 407860



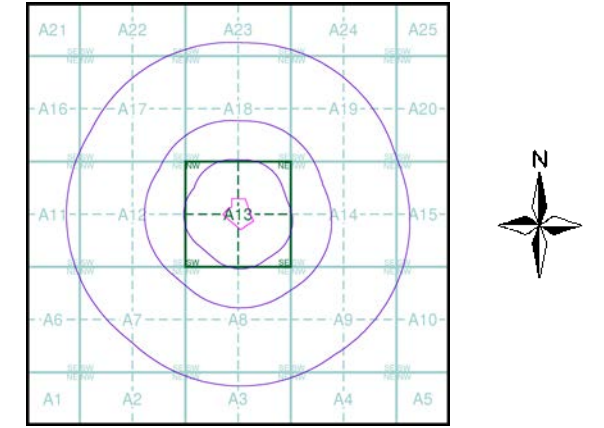
Yorkshire
Published 1907
Source map scale - 1:10,560

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)

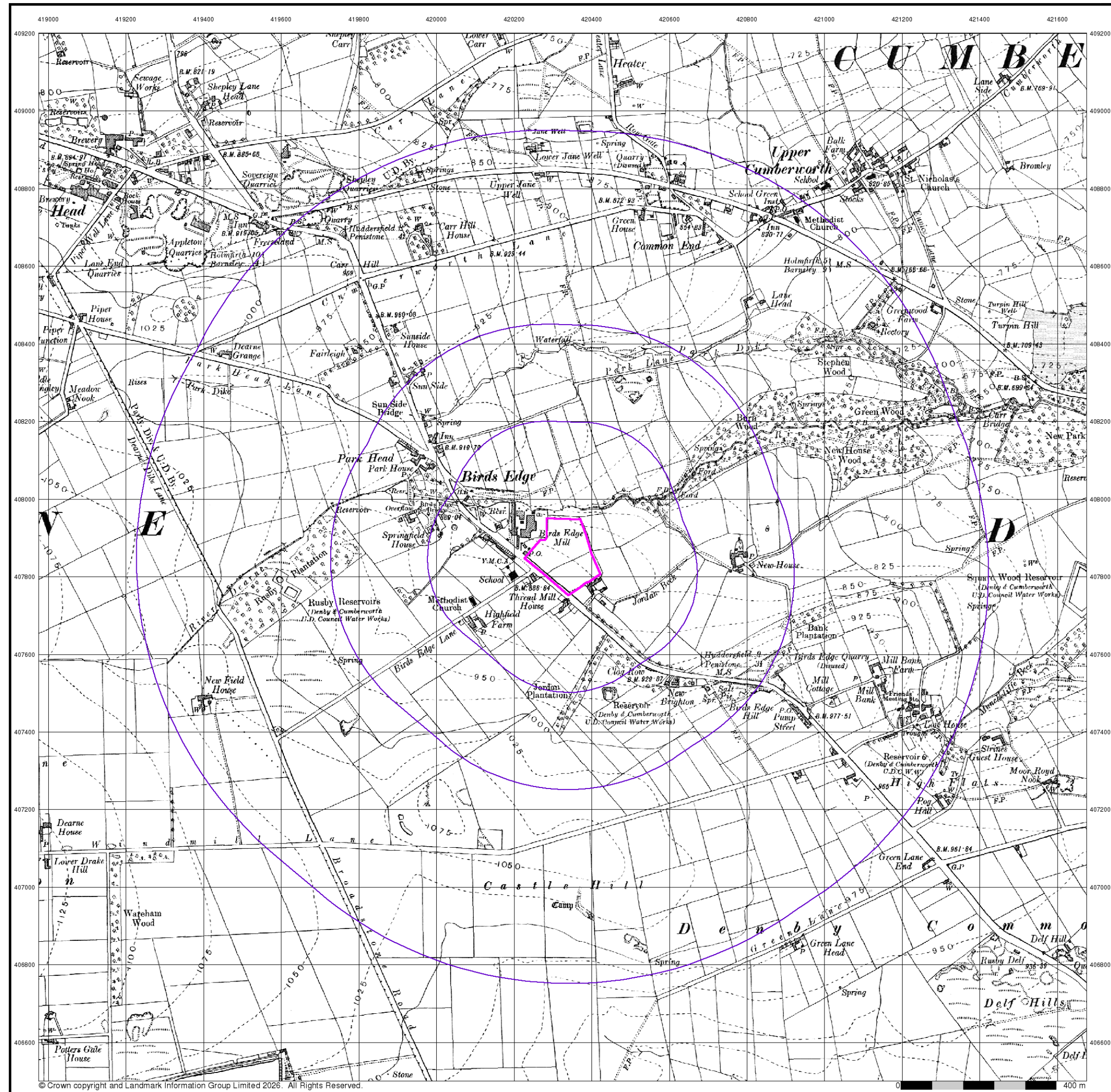


Historical Map - Slice A



Order Details
 Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
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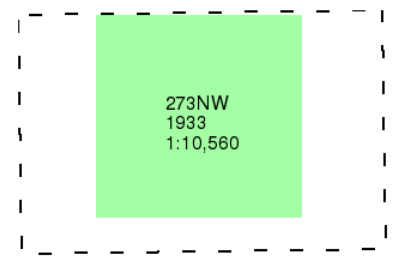
Site Details
 Site at 420330, 407860



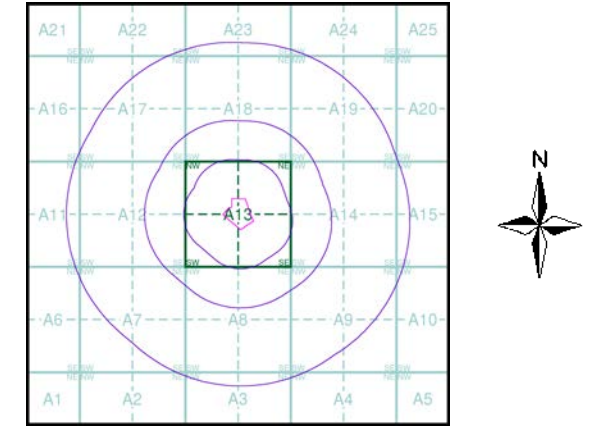
Yorkshire Published 1933 Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

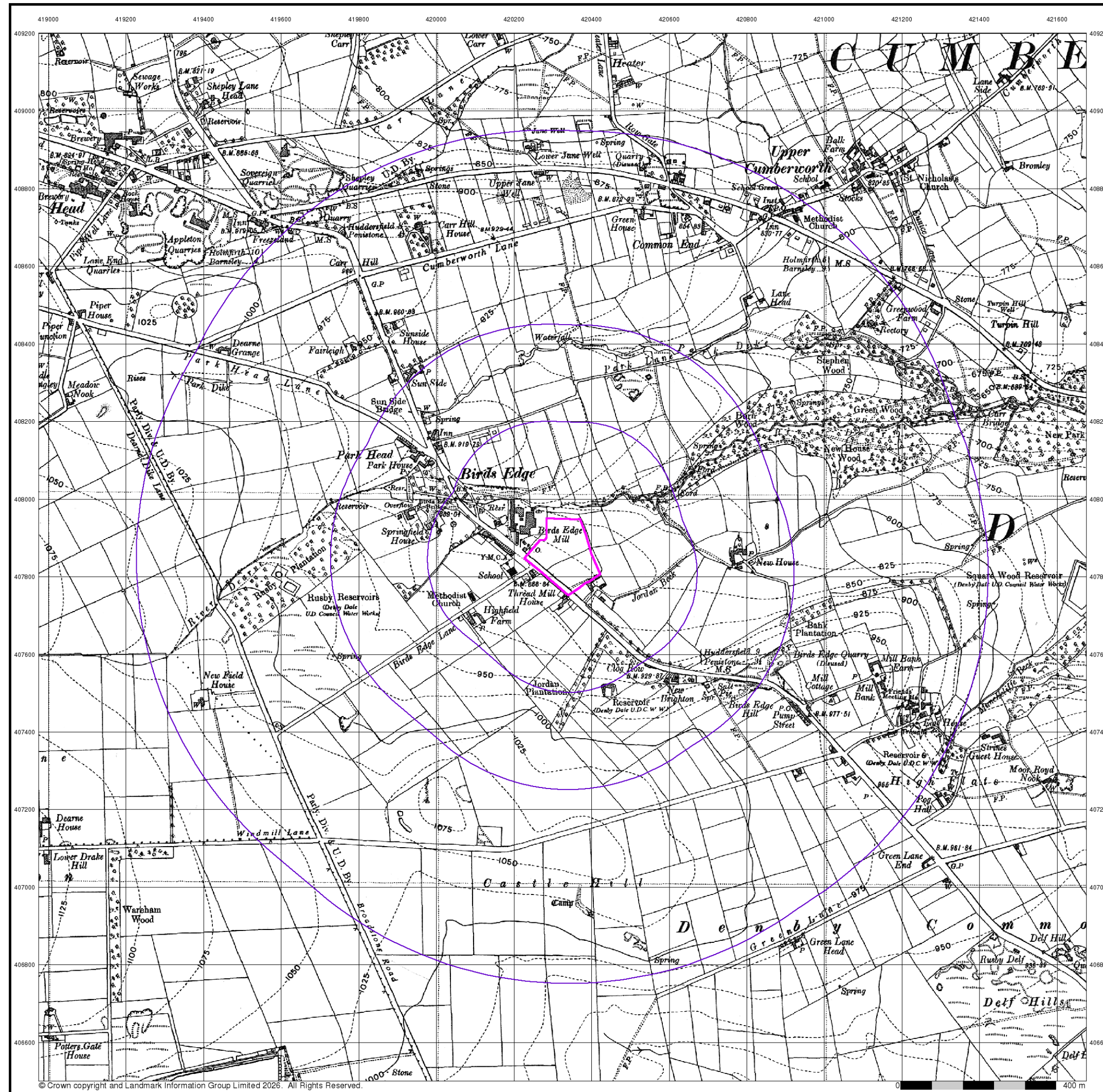


Order Details

Order Number:	393571780_1_1
Customer Ref:	50175
National Grid Reference:	420330, 407860
Slice:	A
Site Area (Ha):	2.29
Search Buffer (m):	1000

Site Details

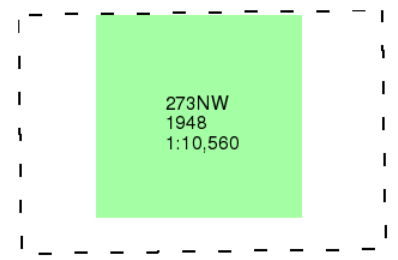
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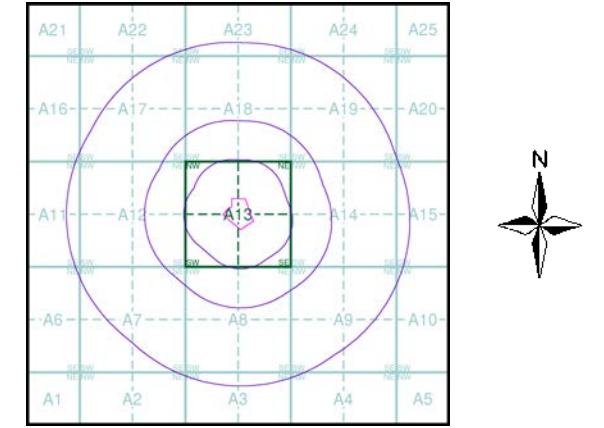
Yorkshire
Published 1948
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

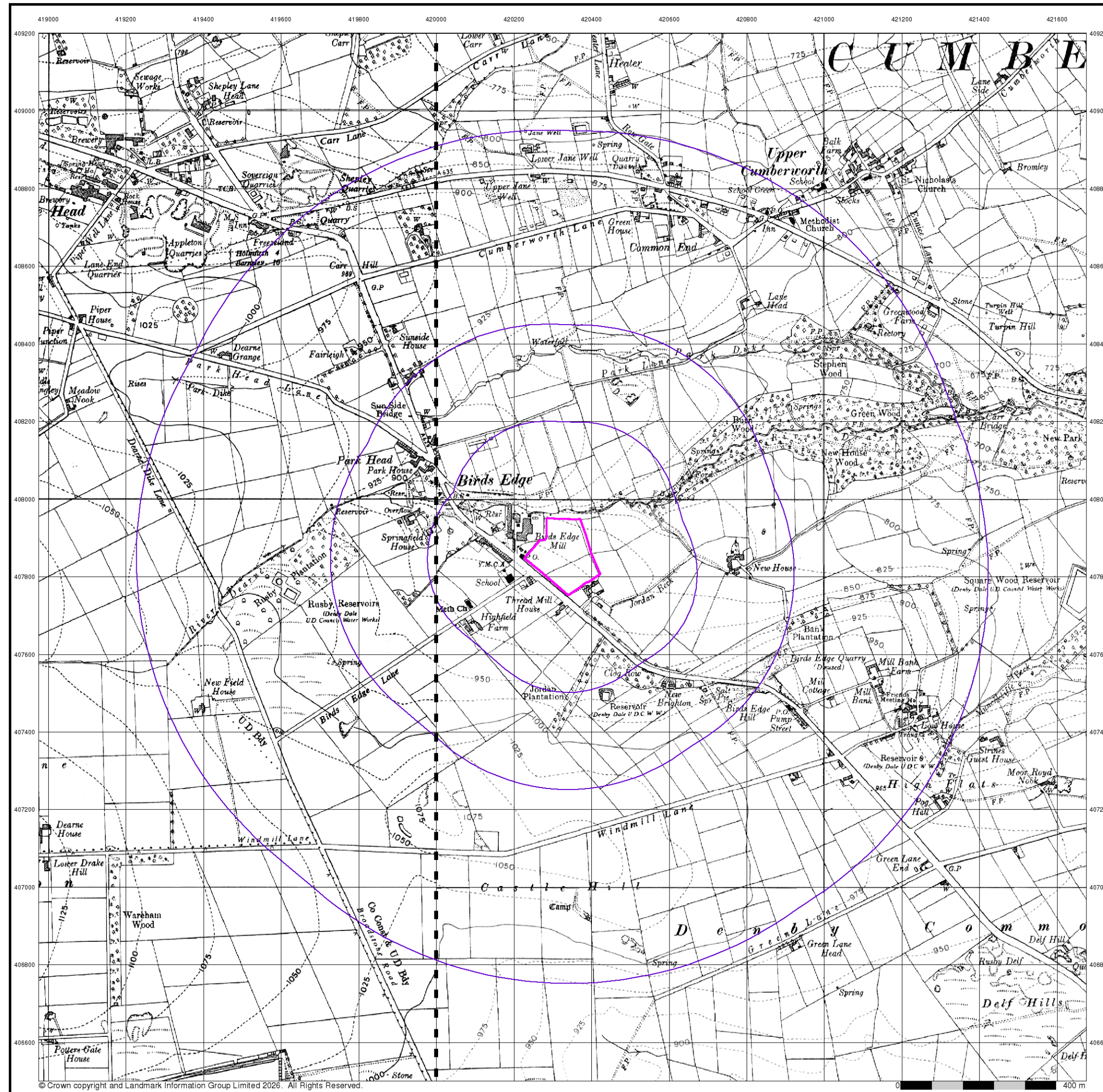


Historical Map - Slice A



Order Details
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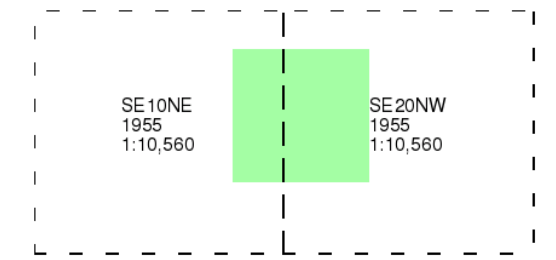
Site Details
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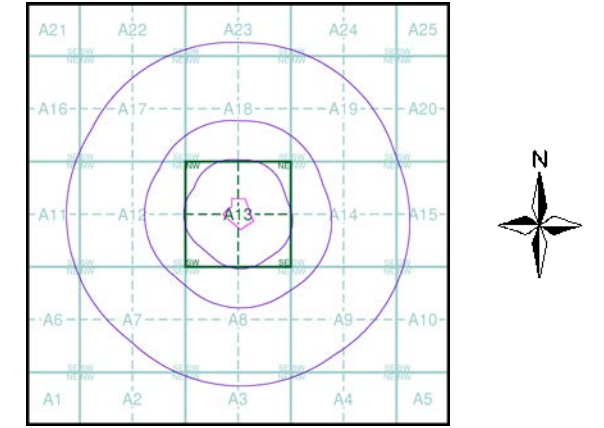
Ordnance Survey Plan Published 1955 Source map scale - 1:10,000

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

Map Name(s) and Date(s)

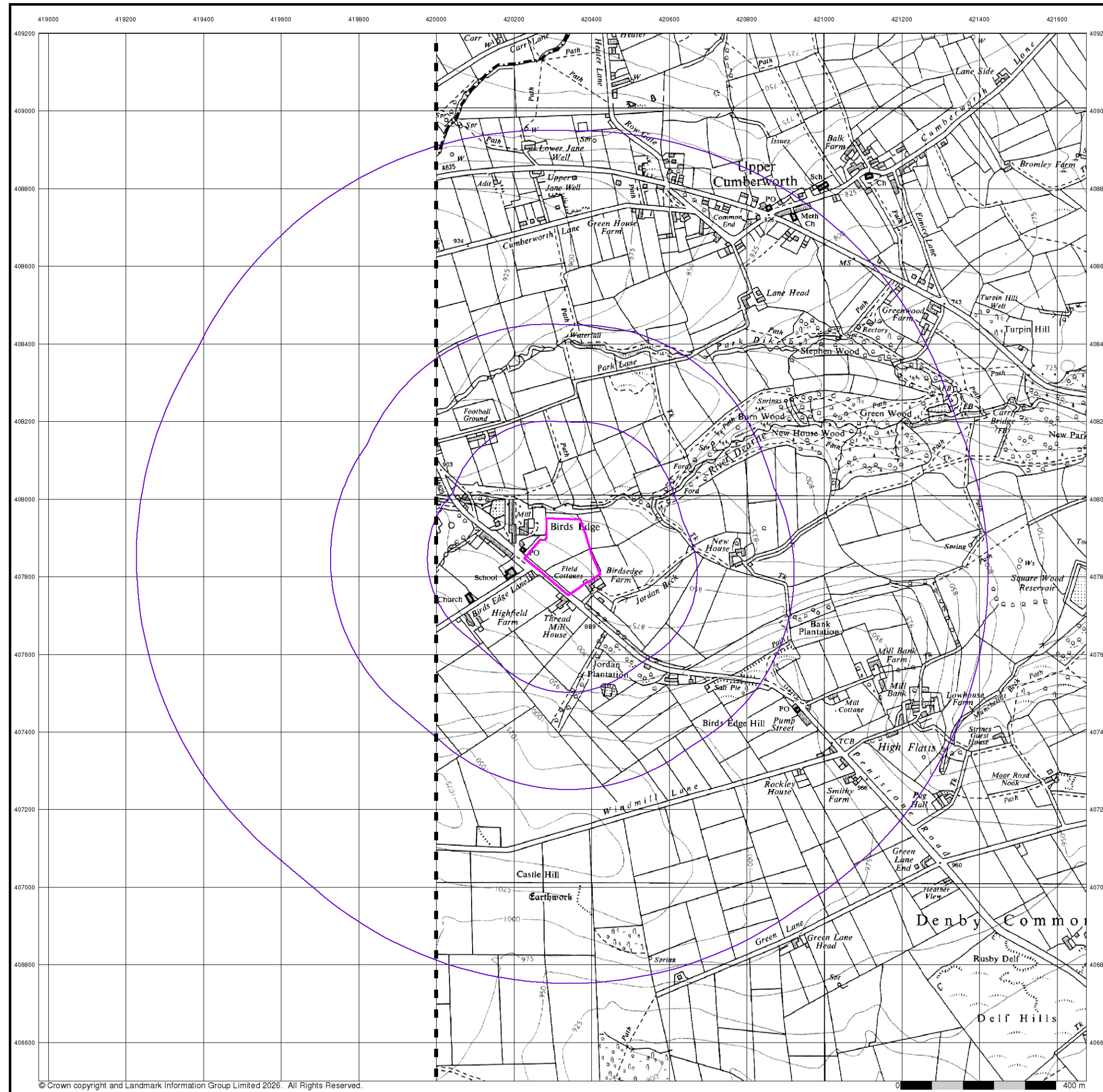


Historical Map - Slice A



Order Details
 Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details
 Site at 420330, 407860



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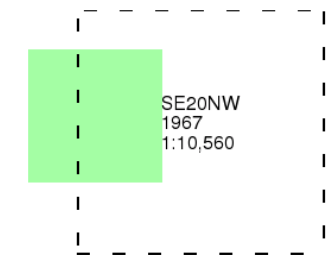
Ordnance Survey Plan

Published 1967

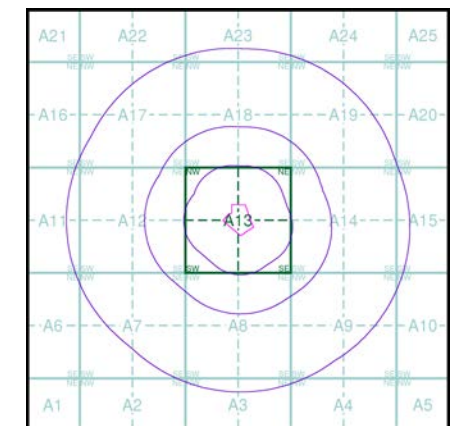
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

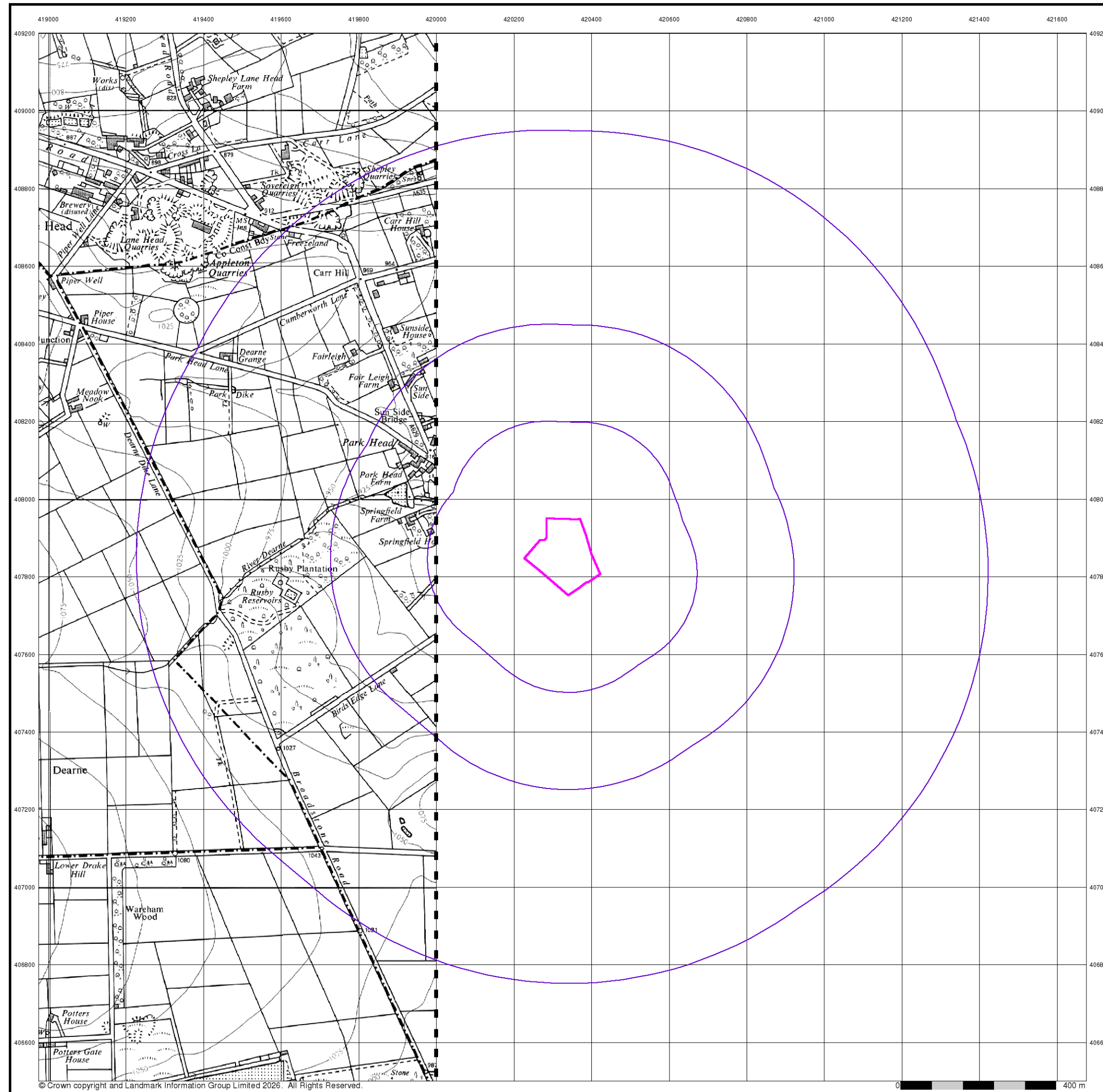
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 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
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 Search Buffer (m): 1000

Site Details

Site at 420330, 407860

Landmark
 INFORMATION GROUP

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



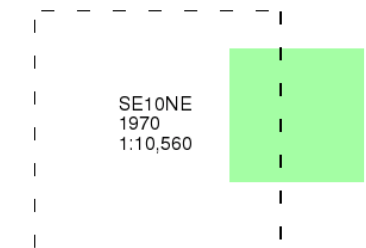
Ordnance Survey Plan

Published 1970

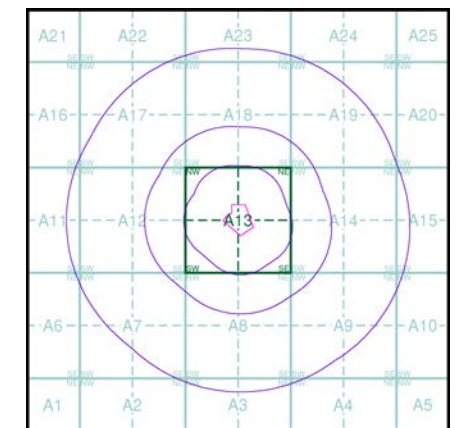
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

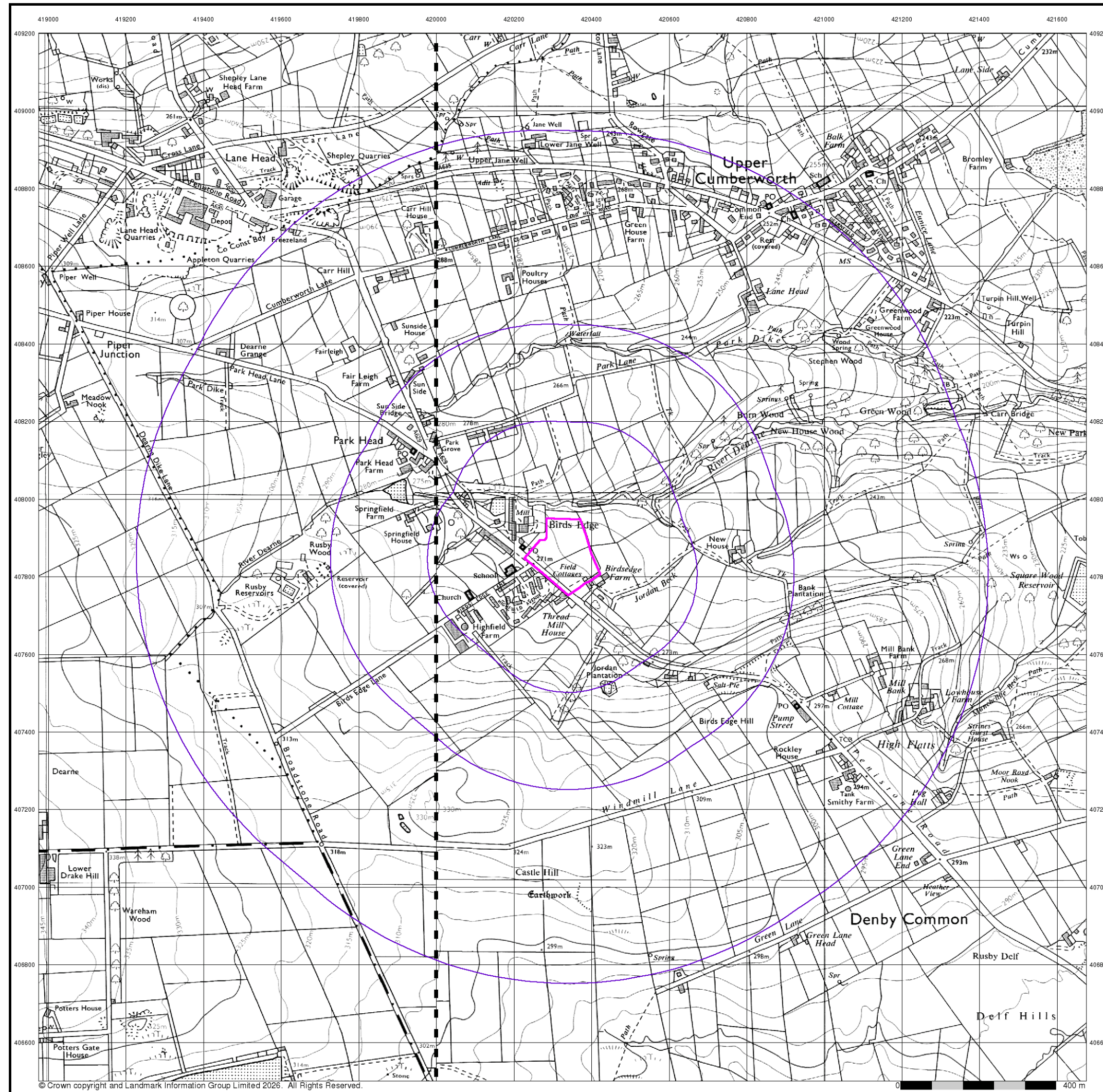


Order Details

Order Number: 393571780_1_1
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Site Details

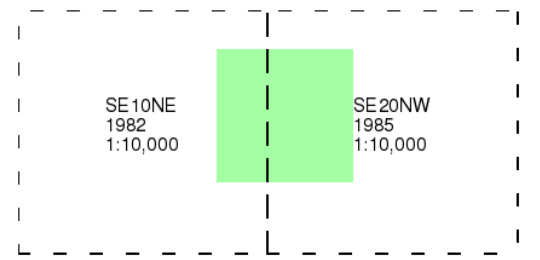
Site at 420330, 407860



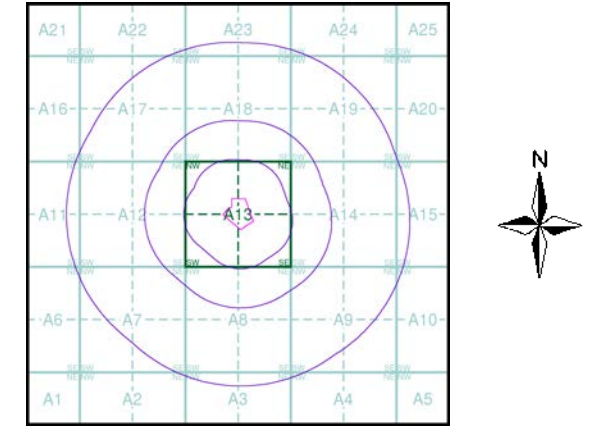
Ordnance Survey Plan Published 1982 - 1985 Source map scale - 1:10,000

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

Map Name(s) and Date(s)

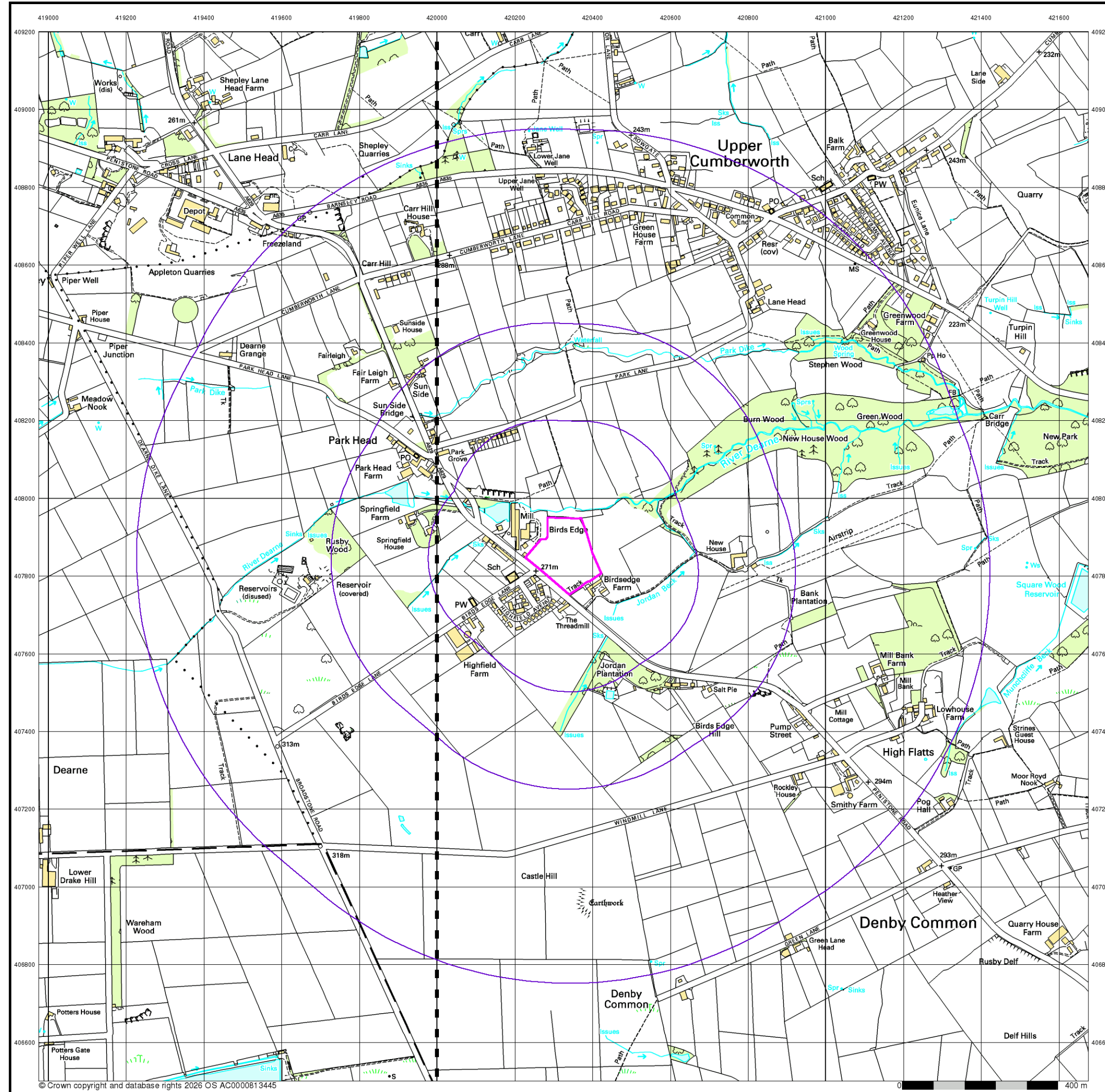


Historical Map - Slice A



Order Details
 Order Number: 393571780_1_1
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 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details
 Site at 420330, 407860



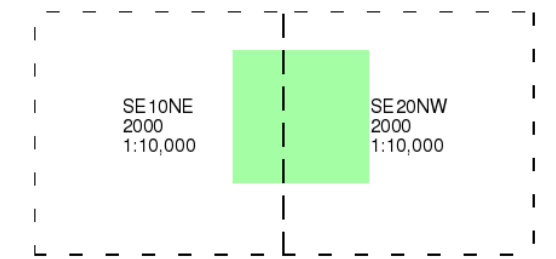
10k Raster Mapping

Published 2000

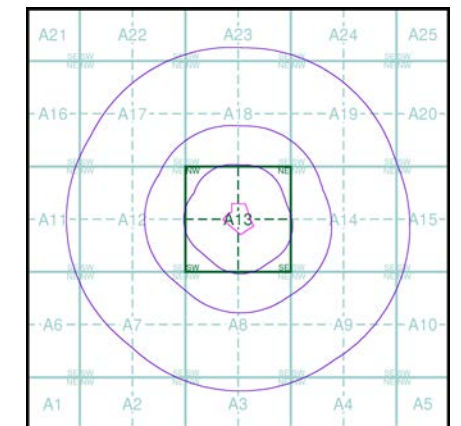
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860

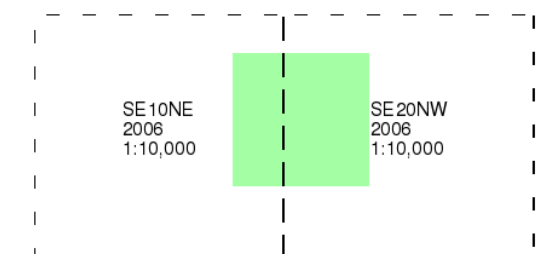
10k Raster Mapping

Published 2006

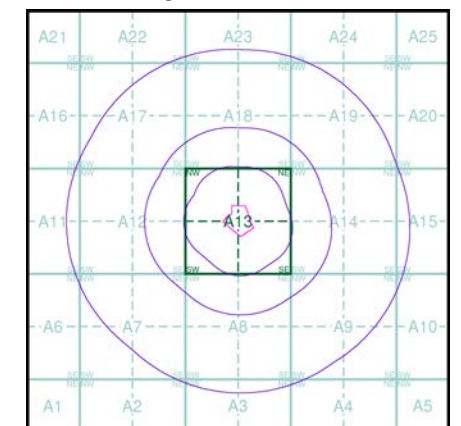
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

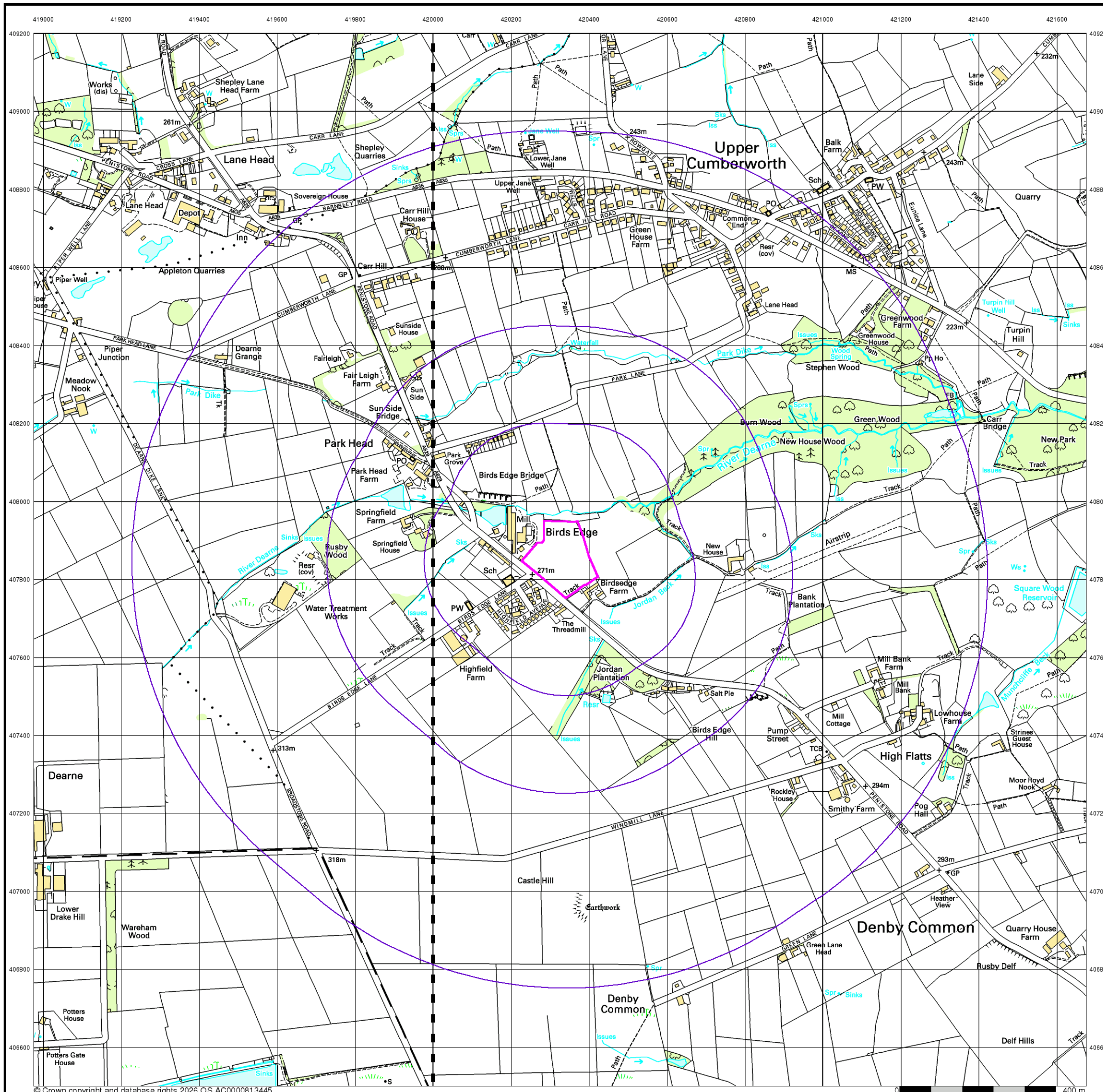


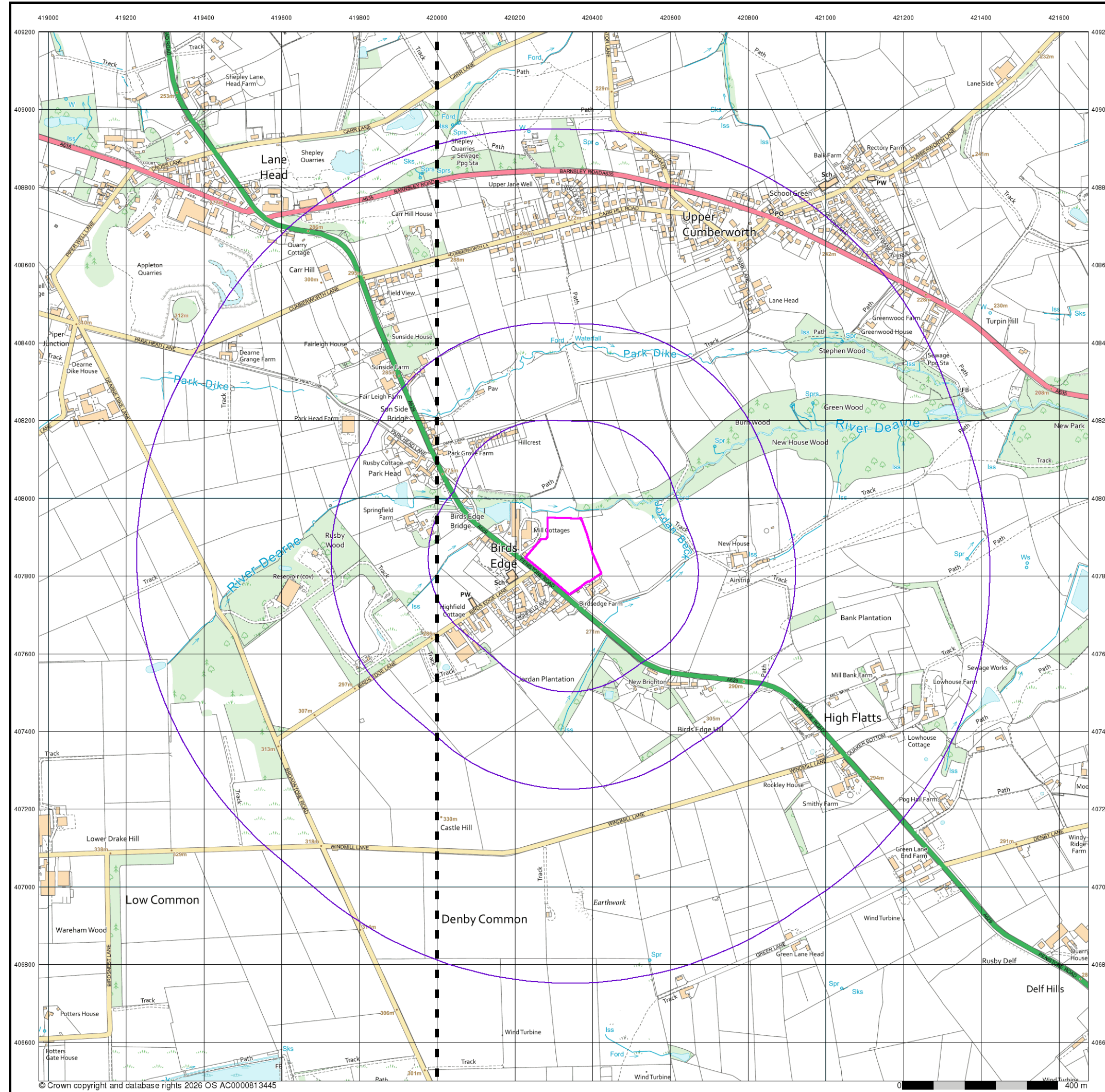
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Site Details

Site at 420330, 407860





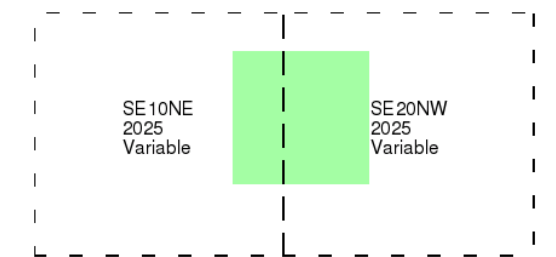
VectorMap Local

Published 2025

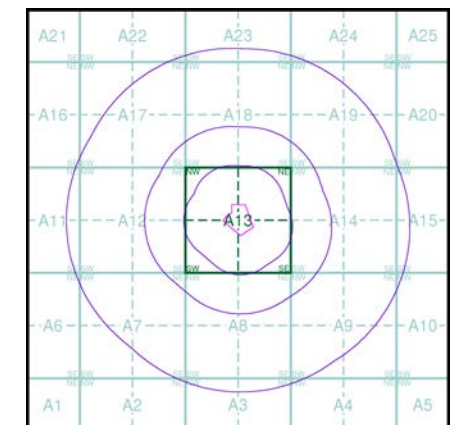
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 393571780_1_1
 Customer Ref: 50175
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 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 1000

Site Details

Site at 420330, 407860

Historical Mapping Legends

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

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 **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
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)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **Sl** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
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 **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

Cliff **Slopes** **Top**
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** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 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
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI 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

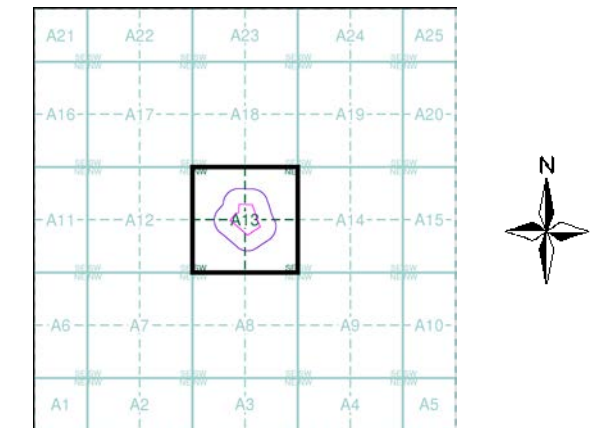
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1892 - 1893	2
Yorkshire	1:2,500	1906	3
Yorkshire	1:2,500	1931	4
Ordnance Survey Plan	1:2,500	1960 - 1964	5
Ordnance Survey Plan	1:2,500	1972	6
Additional SIMs	1:2,500	1980 - 1990	7
Additional SIMs	1:2,500	1988	8
Large-Scale National Grid Data	1:2,500	1992 - 1993	9
Large-Scale National Grid Data	1:2,500	1994	10
Historical Aerial Photography	1:2,500	1999	11

Historical Map - Segment A13



Order Details

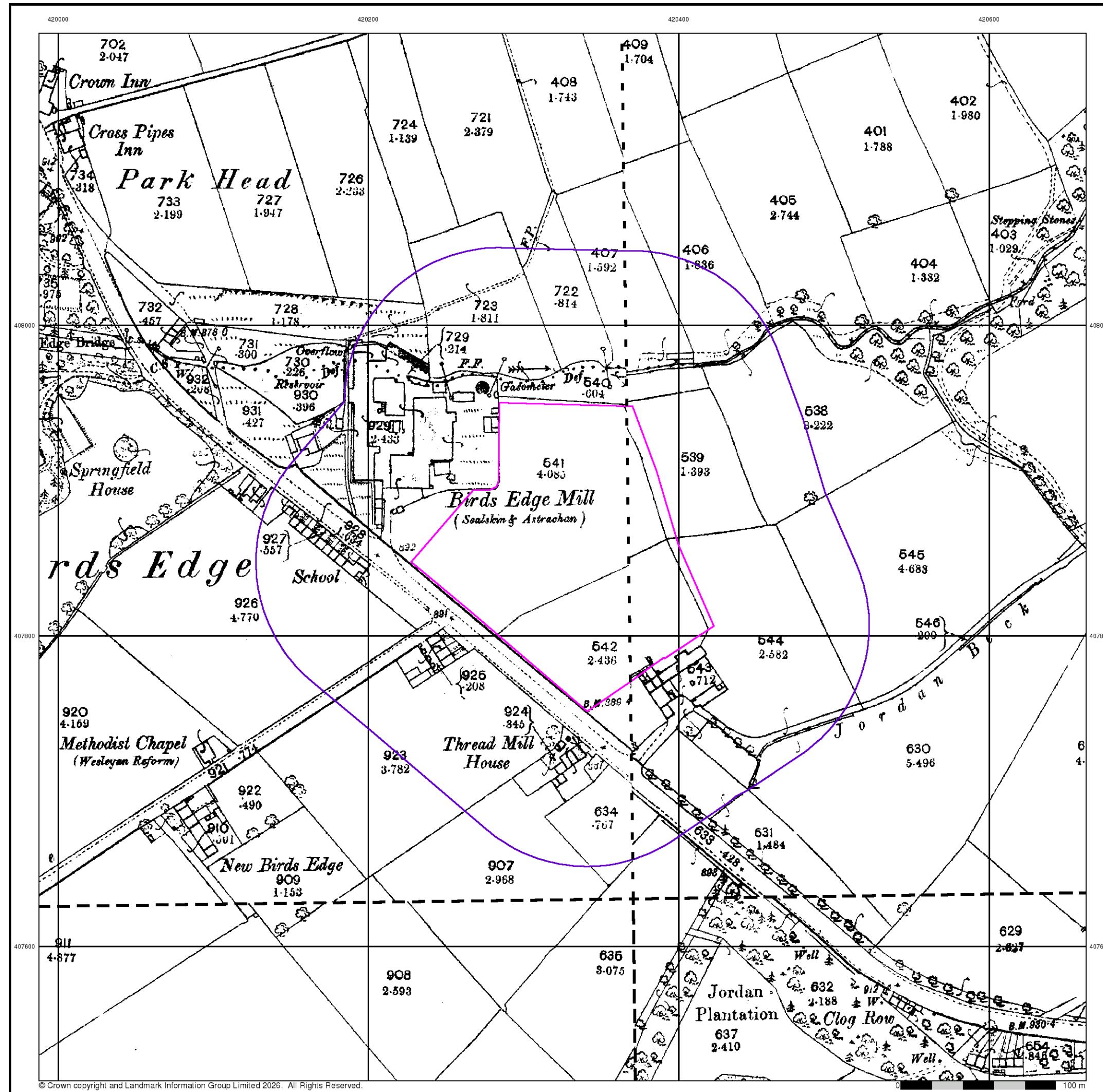
Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
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Site Details

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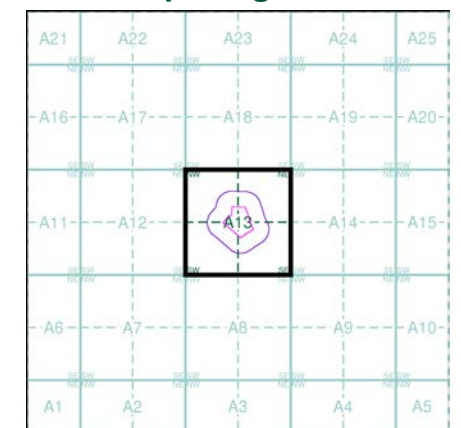
Yorkshire
Published 1892 - 1893
Source map scale - 1:2,500

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)

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273_05 1892 1:2,500	273_06 1893 1:2,500

Historical Map - Segment A13

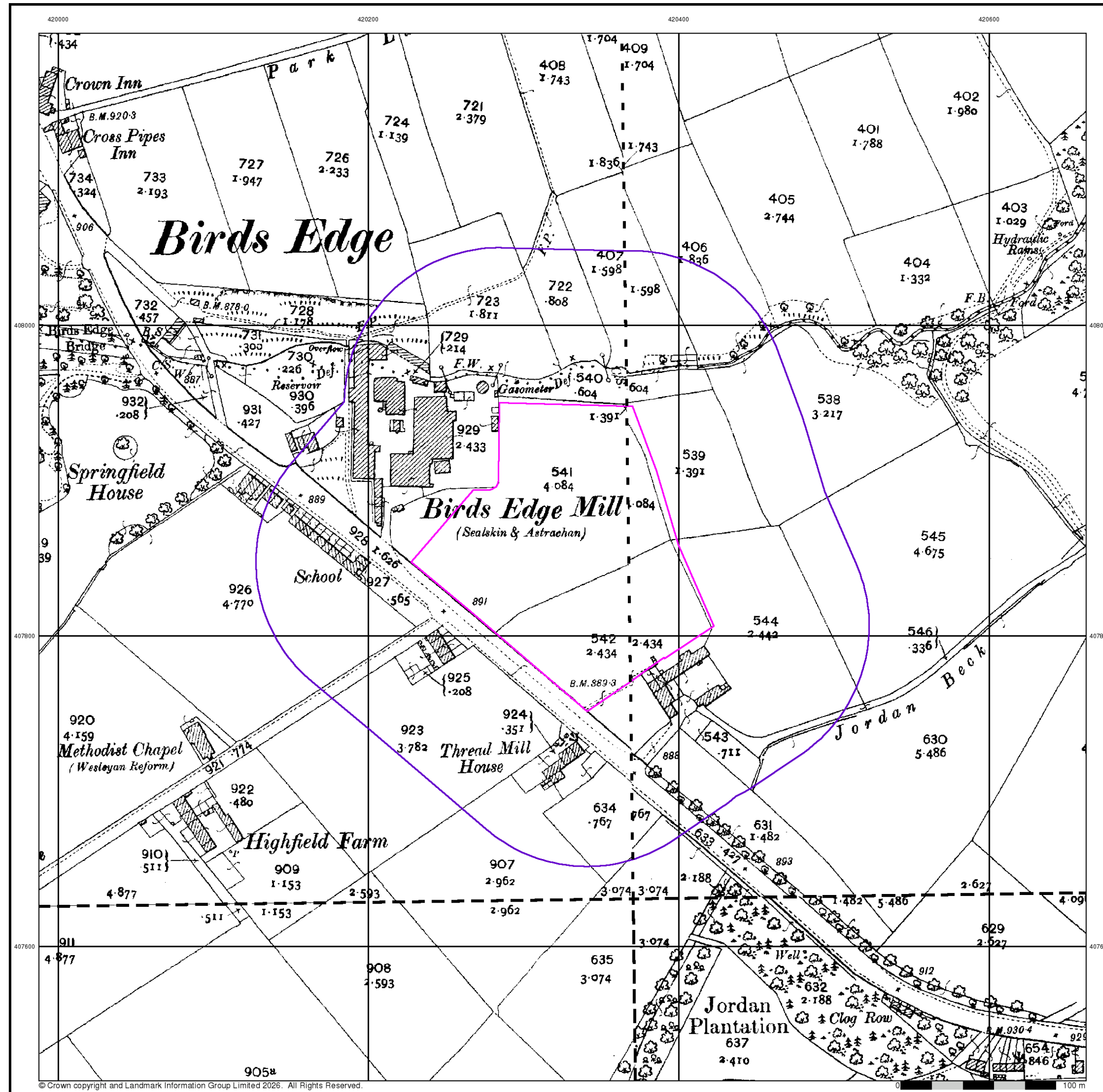


Order Details

Order Number: 393571780_1_1
 Customer Ref: 50175
 National Grid Reference: 420330, 407860
 Slice: A
 Site Area (Ha): 2.29
 Search Buffer (m): 100

Site Details

Site at 420330, 407860



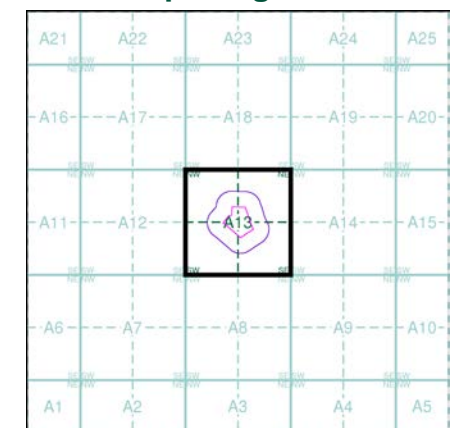
Yorkshire
Published 1906
Source map scale - 1:2,500

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Map Name(s) and Date(s)

273_01 1906 1:2,500	273_02 1906 1:2,500
273_05 1906 1:2,500	273_06 1906 1:2,500

Historical Map - Segment A13

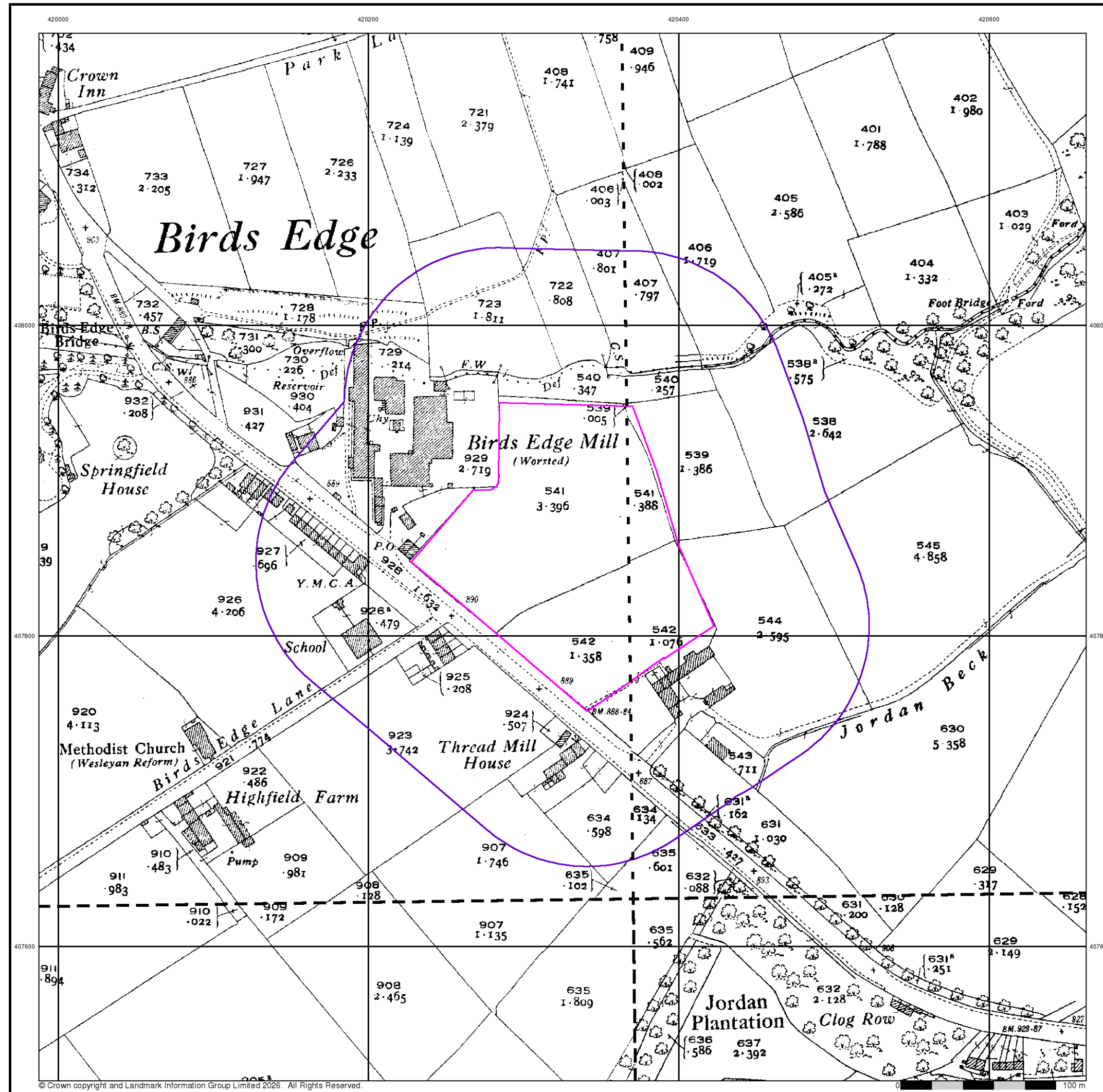


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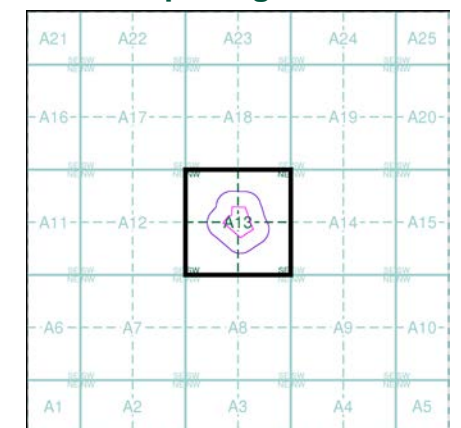
Yorkshire
Published 1931
Source map scale - 1:2,500

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Map Name(s) and Date(s)

273_01 1931 1:2,500	273_02 1931 1:2,500
273_05 1931 1:2,500	273_06 1931 1:2,500

Historical Map - Segment A13

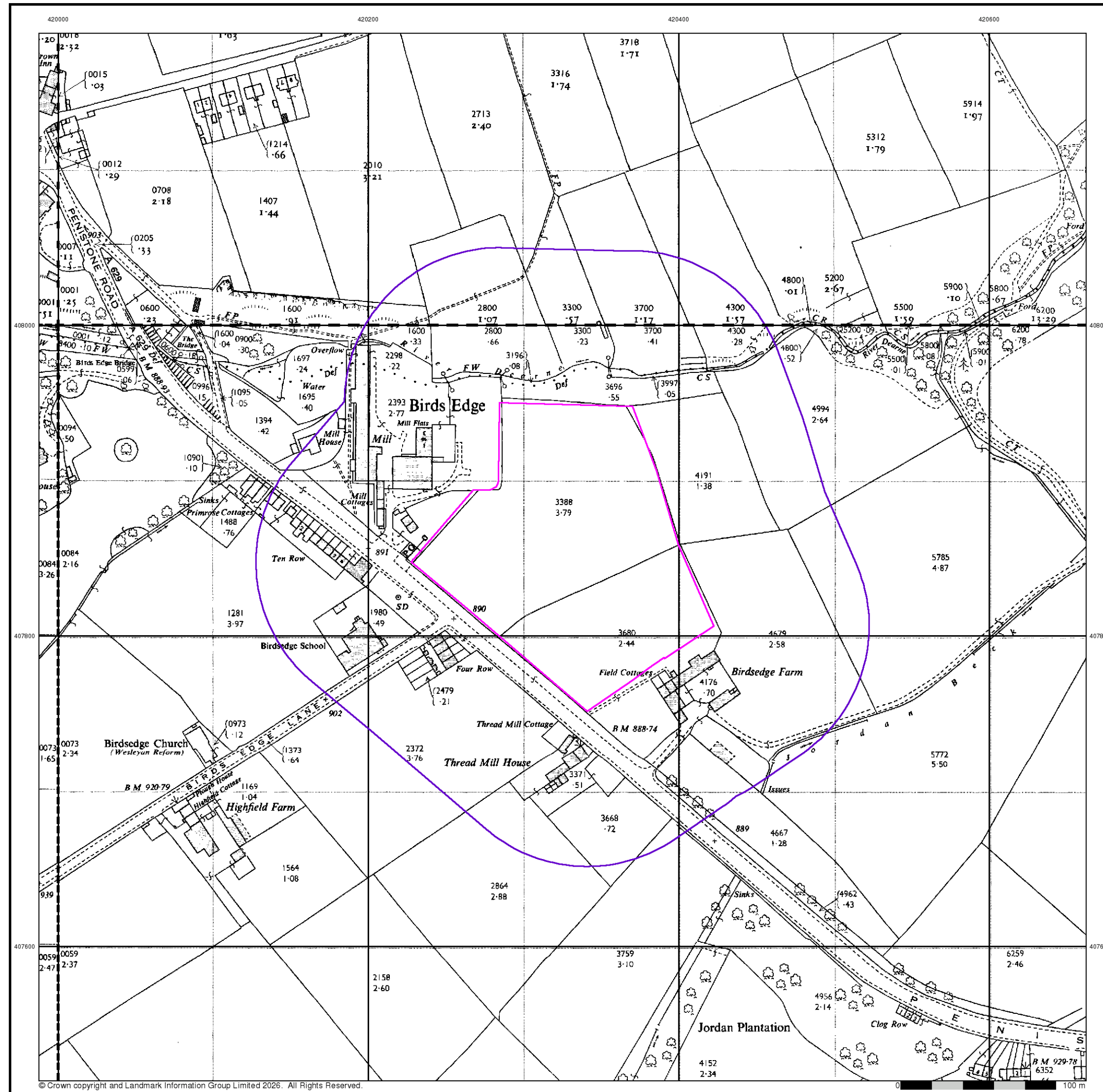


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Order Number: 393571780_1_1
 Customer Ref: 50175
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 Site Area (Ha): 2.29
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Site Details

Site at 420330, 407860



Ordnance Survey Plan

Published 1960 - 1964

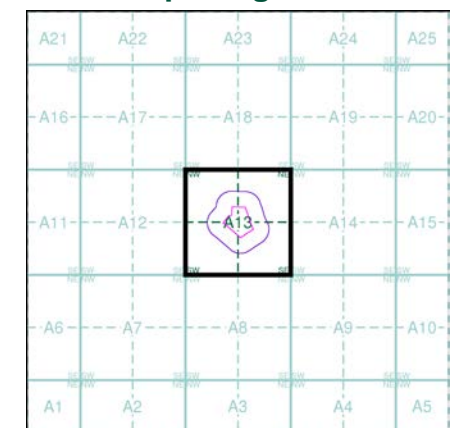
Source map scale - 1:2,500

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)

SE 1908 1960 1:2,500	SE 2008 1960 1:2,500
SE 1907 1964 1:2,500	SE 2007 1964 1:2,500

Historical Map - Segment A13



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Site at 420330, 407860

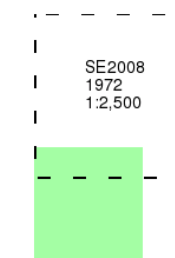
Ordnance Survey Plan

Published 1972

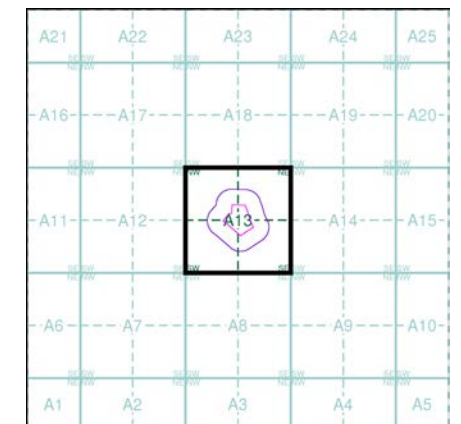
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Map Name(s) and Date(s)



Historical Map - Segment A13

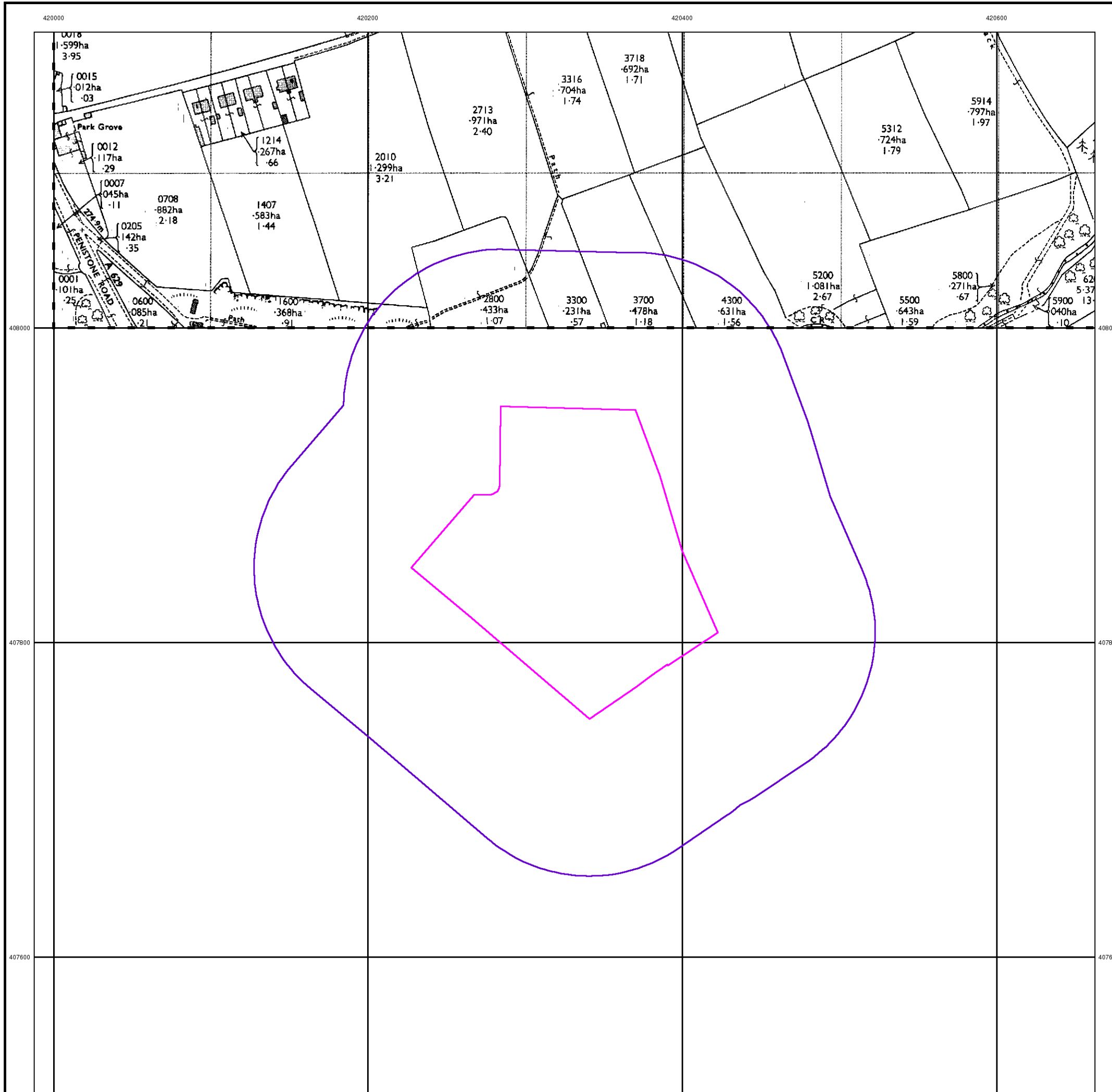


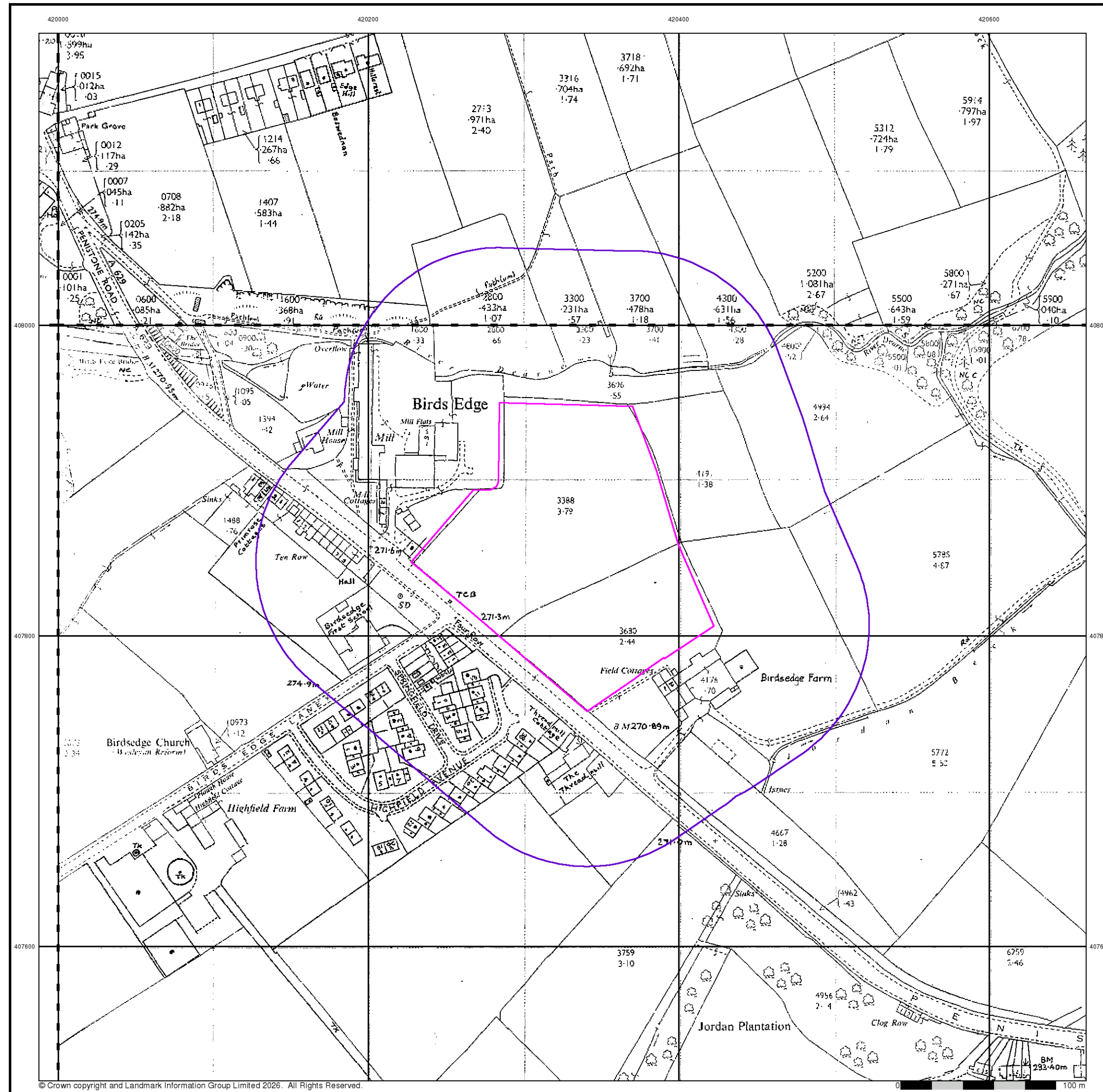
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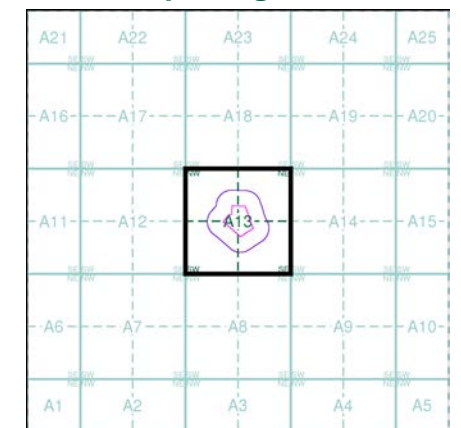
Additional SIMs
Published 1980 - 1990
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SE1908 1980 1:2,500	SE2008 1990 1:2,500
	SE2007 1983 1:2,500

Historical Map - Segment A13



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Additional SIMs

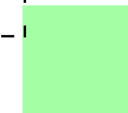
Published 1988

Source map scale - 1:2,500

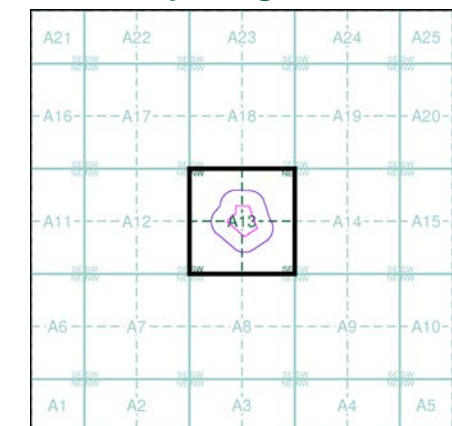
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps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

Map Name(s) and Date(s)

SE1908
1988
1:2,500



Historical Map - Segment A13

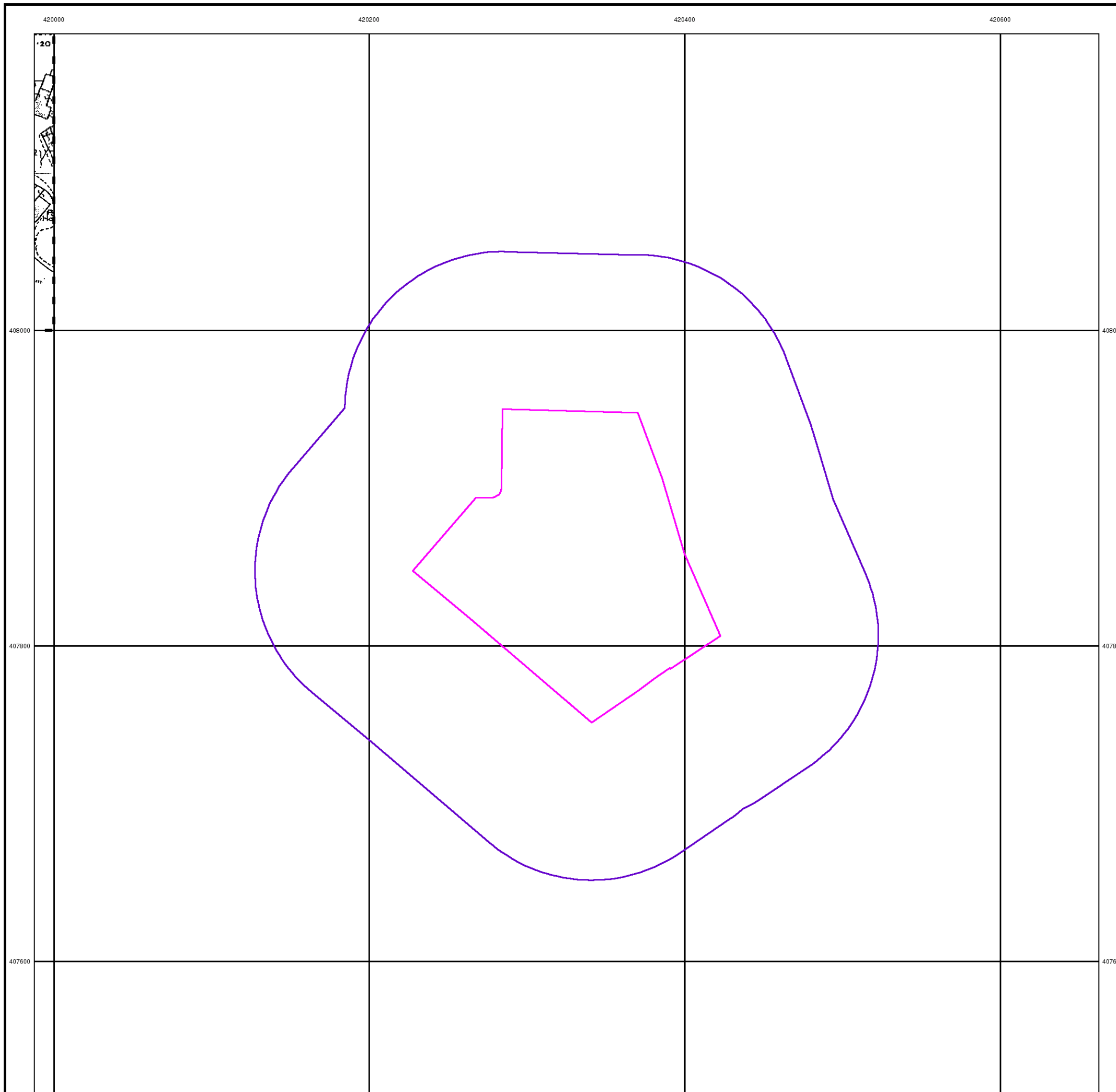


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Site Details

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Large-Scale National Grid Data

Published 1992 - 1993

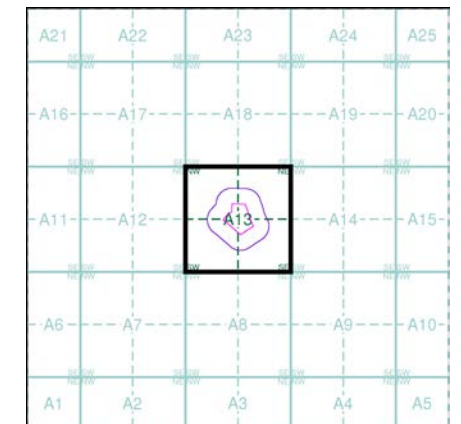
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SE 1908 1992 1:2,500	SE 2008 1993 1:2,500
SE 1907 1992 1:2,500	SE 2007 1993 1:2,500

Historical Map - Segment A13

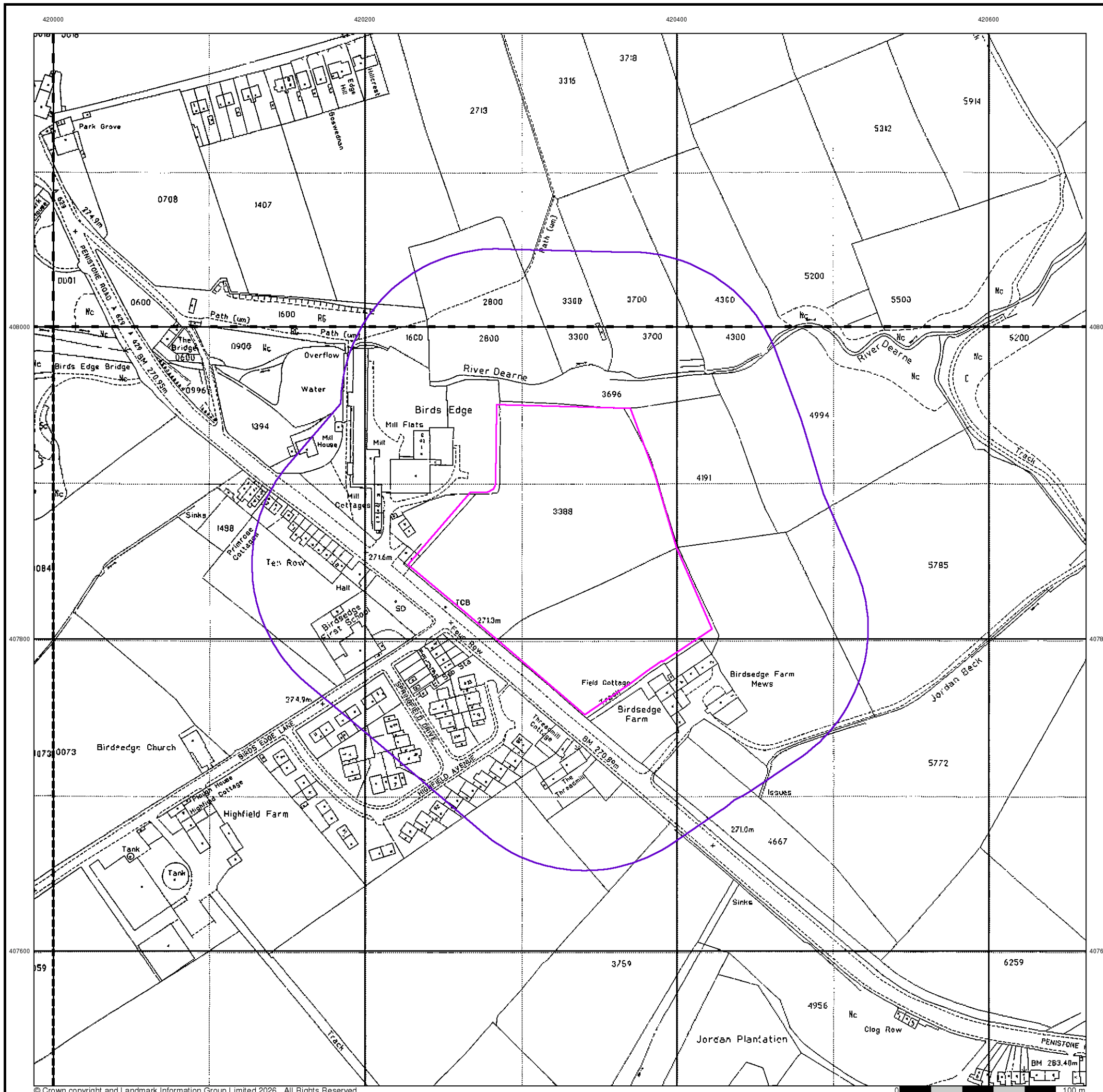


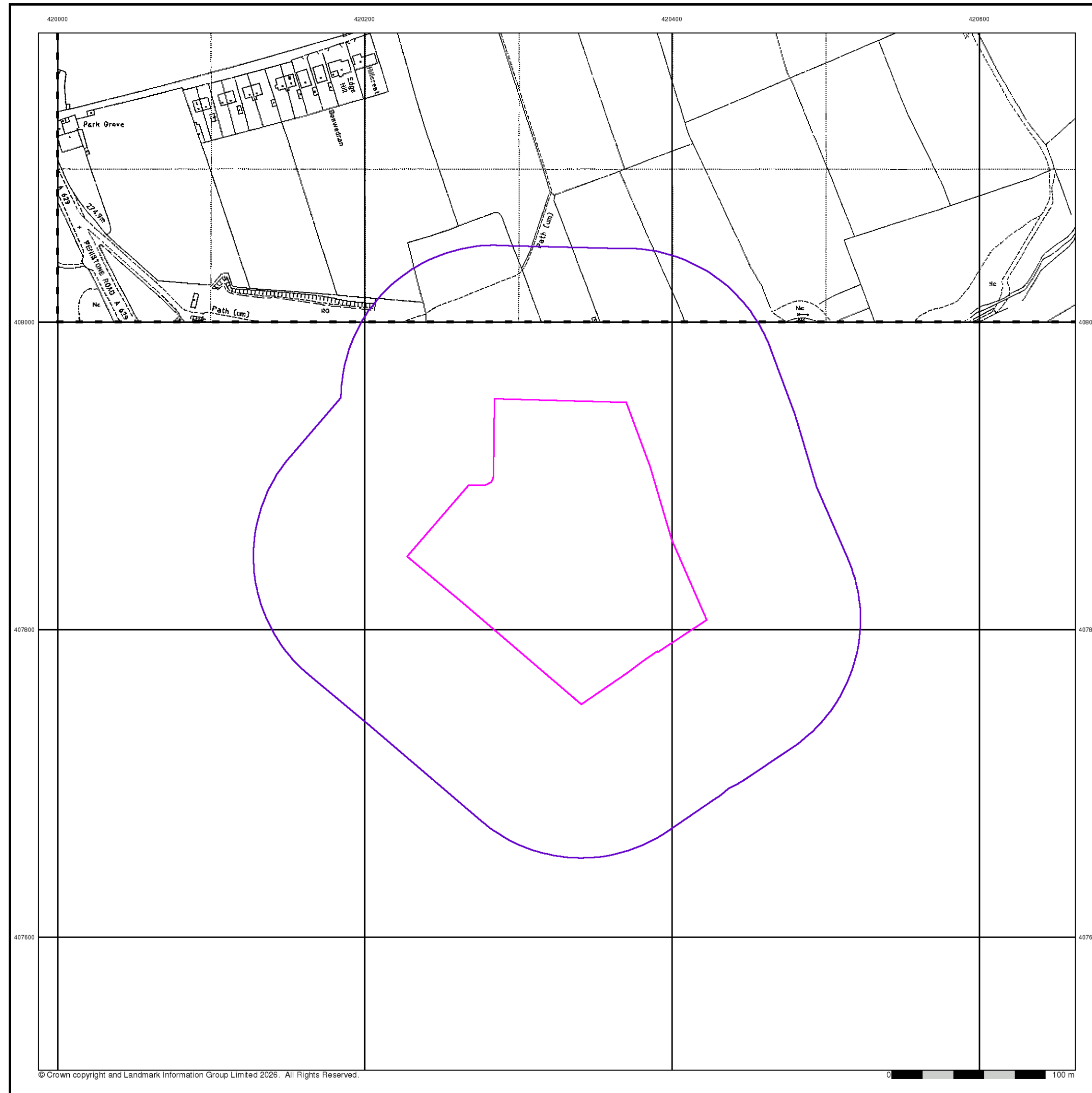
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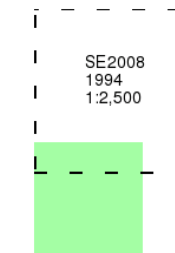
Large-Scale National Grid Data

Published 1994

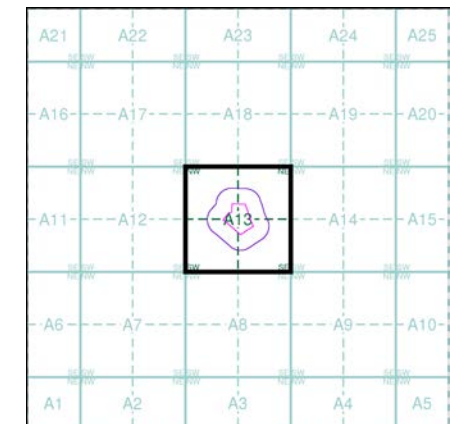
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



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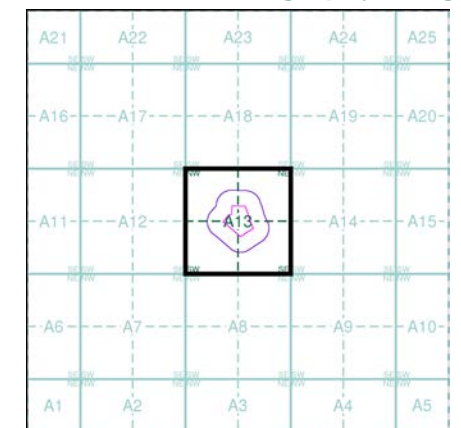
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Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A13



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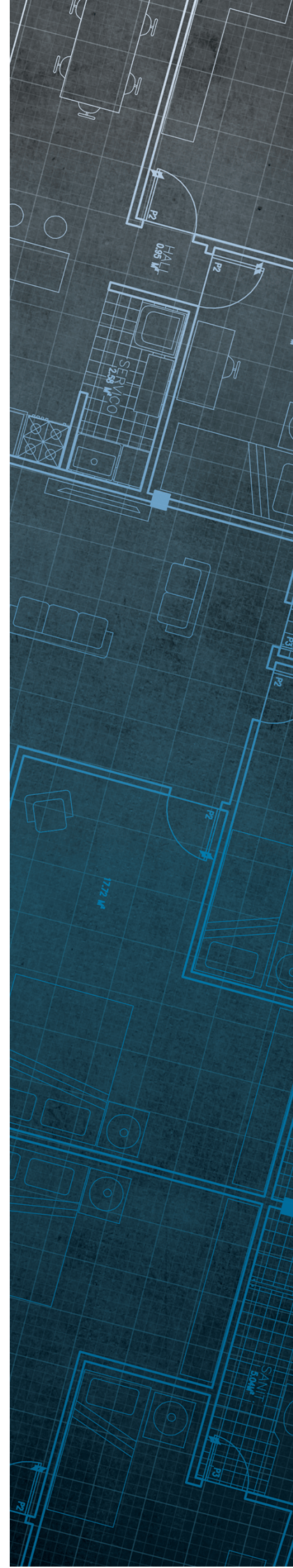
The Coal
Authority

Consultants Coal Mining Report

Land Off
Penistone Road (A629)
Birds Edge
Huddersfield
Kirklees
HD8 8XP

Date of enquiry: 16 January 2026
Date enquiry received: 16 January 2026
Issue date: 16 January 2026

Our reference: 51003547750001
Your reference: 50175



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

EASTWOOD & PARTNERS (CONSULTING ENGINEERS) LTD

Enquiry address

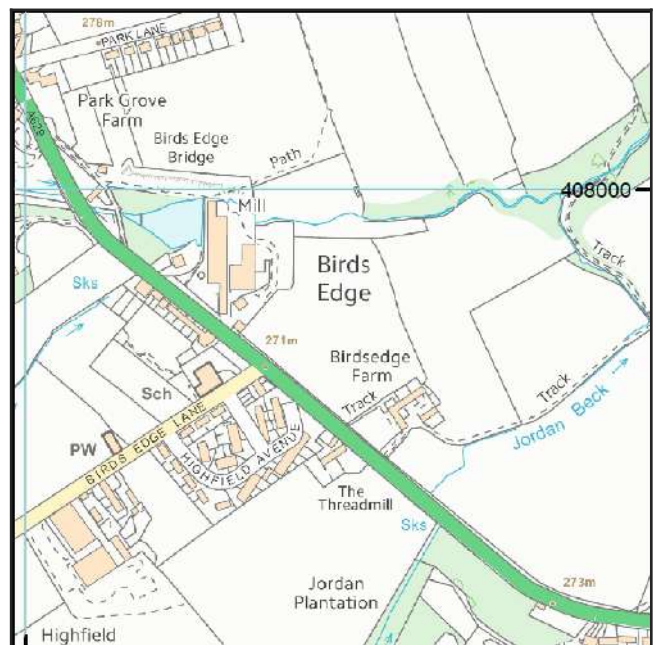
Land Off
Penistone Road (A629)
Birds Edge
Huddersfield
Kirklees
HD8 8XP

How to contact us

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

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

reports@miningremediation.gov.uk



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

No past mining recorded.

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

None available.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

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

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

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

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

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

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

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

Withdrawal of support notices

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

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

Payments to owners of former copyhold land

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

Section 4 – Further information

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

Future development

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

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

Section 5 – Data definitions

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

Past underground coal mining

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

Probable unrecorded shallow workings

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

Spine roadways at shallow depth

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

Mine entries

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

Abandoned mine plan catalogue numbers

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

Outcrops

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

Geological faults, fissures and breaklines

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

Opencast mines

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

Coal Authority managed tips

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

Site investigations

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

Remediated sites

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

Coal mining subsidence

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

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

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

Mine gas

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

Mine water treatment schemes

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

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

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

Future underground mining

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

Coal mining licensing

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

Court orders

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

Section 46 notices

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

Withdrawal of support notices

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

Payment to owners of former copyhold land

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



Eastwood

CONSULTING ENGINEERS

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23 Kingfield Road
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