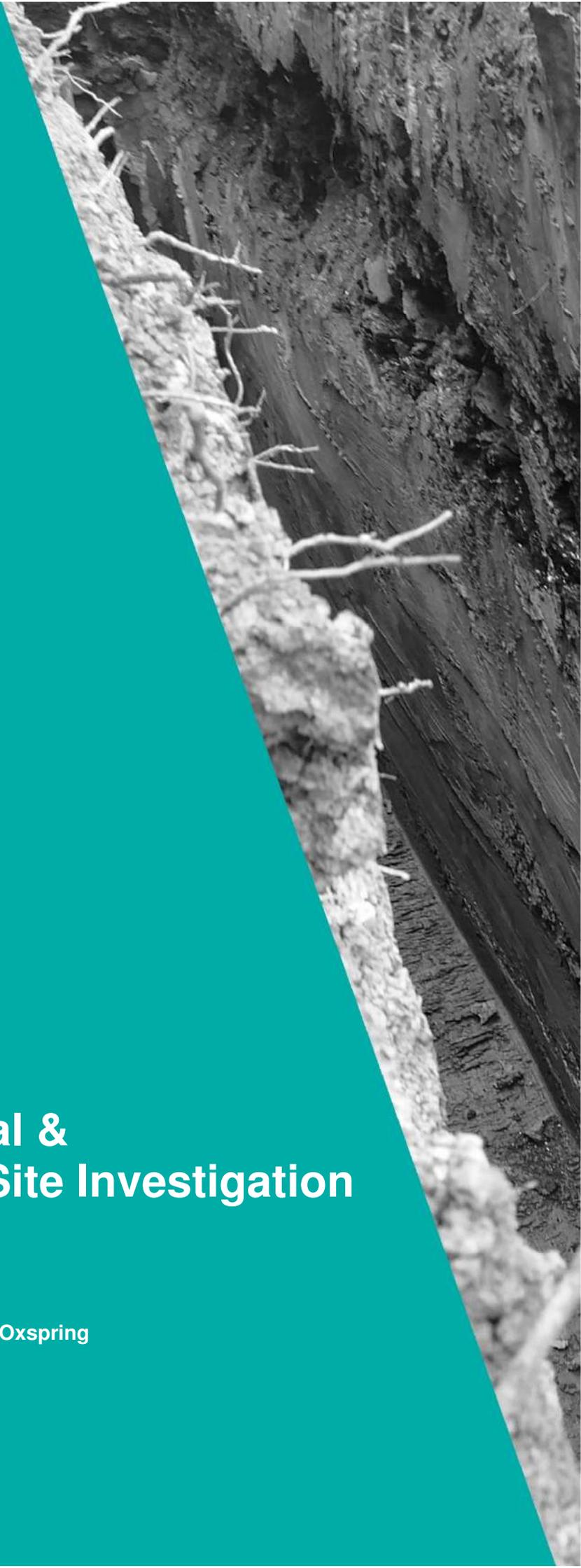


# Phase 1 Geotechnical & Geo-environmental Site Investigation

Land Adjacent to Smithy House, Bower Hill, Oxspring

Yorkshire Land Limited

17 July 2025

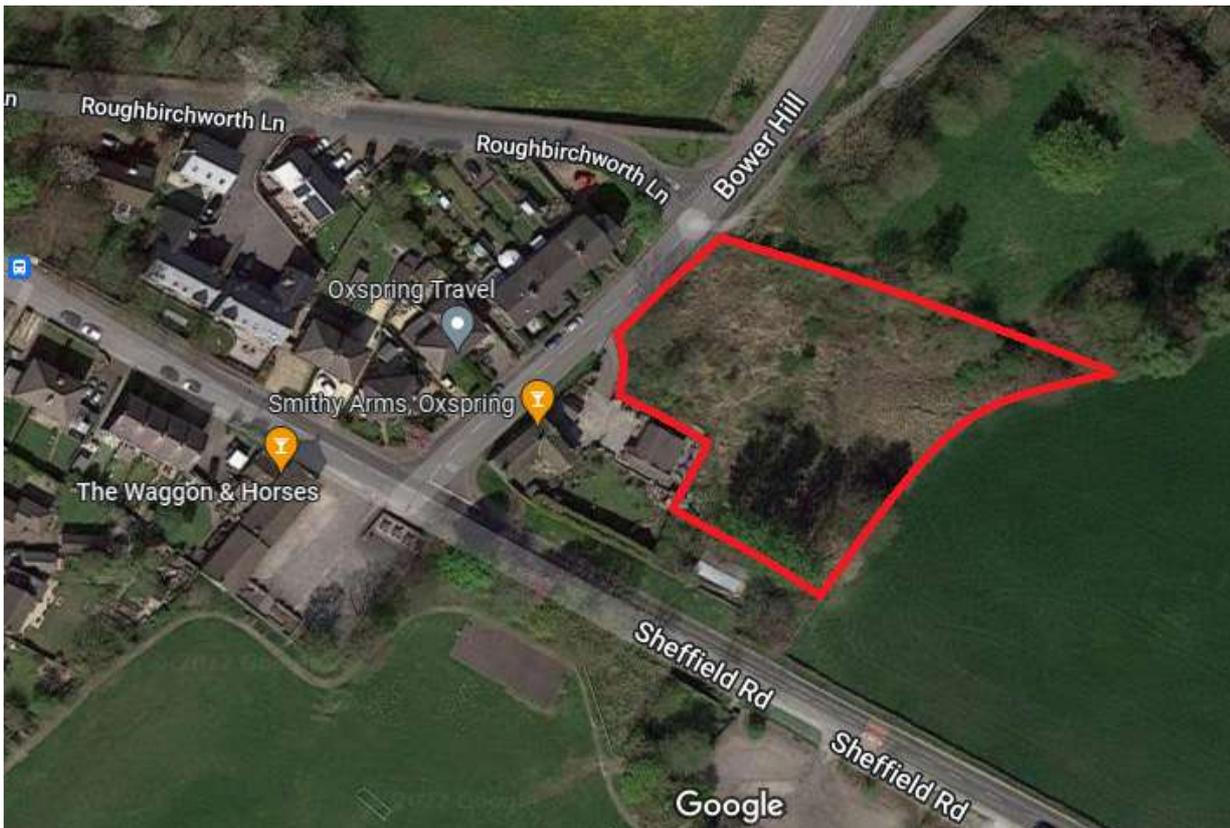


**PHASE 1 GEOTECHNICAL AND GEO-ENVIRONMENTAL  
SITE INVESTIGATION**

**LAND ADJACENT TO SMITHY HOUSE,  
BOWER HILL, OXSPRING**

**FOR**

**YORKSHIRE LAND LIMITED**



49679-ECE-XX-XX-RP-C-0001

17 July 2025

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**ISSUE 1**

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**Technical Director**

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## APPENDICES

**Appendix 1** Site Walkover Photographs

**Appendix 2** Landmark Envirocheck  
Consultants Coal Mining Report

## 1.0 EXECUTIVE SUMMARY

1. The site is located south of Bower Hill, near the centre of the village of Oxspring, west of Barnsley, South Yorkshire. 427230 402000 and has an area of approximately 0.33 hectares.
2. Currently the site is unoccupied. The site slopes gently to the south and east. There has been some excavation work on part of the site recently, comprising the outline of a pond, which was never completed. The remainder of the site is overgrown with bramble, dock and thistles; some mature/semi-mature trees have been removed from site.
3. Historically, the site has been unoccupied field. A sewerage treatment works is shown on historic OS maps immediately to the north.
4. The solid geology below the site is shown to comprise the Grenoside Sandstone of the Pennine Lower Coal Measures Formation on the western half of the site. Superficial deposits in the form of 2<sup>nd</sup> River Terrace Deposits in the form of sand and gravel are shown to overlie the sandstone on the eastern part of the site.
5. The natural ground is anticipated to comprise sandy gravelly clay in the west, sand and gravel in the east. Groundwater is expected to not be present at shallow depth.
6. The site is not expected to be affected by shallow or deep mining.
7. For the proposed plots, strip/trench fill footings are considered likely to be appropriate, constructed at an expected minimum depth of 900 mm below ground level. Foundations will need deepening near trees in cohesive soils.
8. At this stage, it is expected that precast concrete floor slabs with a ventilated void will be required for the proposed development.
9. Anticipated ground conditions suggest soakaways may not be suitable. However, there is an existing culvert running across the site which should be suitable for discharging surface water to from the development.
10. No radon protective measures are required.
11. Gas monitoring will be required due to recorded landfills and areas of potentially filled ground being present in the vicinity of the site. At this stage, allowance for providing CS<sub>2</sub> gas protective measures within all new units should be made. This would likely comprise the inclusion of a gas resistant membrane within the floor slab construction.

12. A minimum 600 mm thick clean capping should be allowed for at this stage within any garden areas where made ground is present.
13. DS-2 AC-2 sulphate precautions should be allowed for in below-ground concrete.
14. 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 the Client, Yorkshire Land Ltd. 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 are not aware of any previous investigations having been 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;
- Review the potential Coal Mining Legacy issues associated with the site and assess Coal Mining Risk;
- To detail the expected ground conditions and their geotechnical properties enabling outline foundation proposals to be made for a proposed residential development; and
- To outline proposals for a Phase 2 intrusive investigation, 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 for five detached residential properties with detached or integral garages. An indicative masterplan has been provided to us, which shows five detached houses, with associated driveway, car parking and garden areas. It is assumed that the buildings will be of traditional construction. A new access off Bower Hill will also be created. It is assumed that ground levels may need to change, but not significantly.

If any of the above assumptions are incorrect, 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 is located to the east of Bower Hill on the eastern edge of the village of Oxspring in the district of Barnsley. The site is around 8.5 km south-west of Barnsley Town centre and 17 km north-west of Sheffield city centre. The site is centred around grid reference 427230 402000 and has an area of approximately 0.33 hectares. The site is roughly rectangular shape on plan, extending from the frontage on Bower Hill east and to the rear of properties that front Sheffield Road.

The site has recently been cleared of trees and vegetation revealing an uneven surface that slopes generally from west to north and east going from an elevation of 181 mAOD to 178 mAOD along the northern boundary. There are some small heaps of material in the centre of the site and towards the east a sinuous lower area/dip. Some of the recently felled trees (unknown species – suspected sycamore, hawthorn, willow and possibly pine) were quite large.

The eastern boundary is a 0.5 m high stone wall, beyond which is an agricultural field. The southern boundary is defined by a recently close-boarded fence and in part a stone wall – beyond which are houses. There is a mature sycamore tree and an ash tree. The western boundary is a stone wall in some disrepair with occasional mature sycamore trees. The northern boundary has a partial wooden post and rail fence and has some hedging and mature trees; beyond which is public open space with picnic benches and trees. Trees on the northern boundary appear to include possible oak, sycamore, hawthorn, silver birch and elder.

There is a piped culvert across the middle of the site – flowing south to north.

Photos from the site walkover are included in the appendix.

### 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 map reviewed, dated 1855 (1:1:10,560 scale), indicates the whole of the site to be undeveloped agricultural land. The eastern boundary wall is shown. Over the whole series of OS maps inspected, the site appears undeveloped and unchanged. The boundaries of the site appear unchanged.

## 3.2.2 The Surrounding Area

The history of the immediate surrounding area shows the current road network as it is today – Bower Hill Lane and Sheffield Road to the west and south respectively. On the earliest edition, 1855, the roads are shown and Oxspring Bridge 50 m to the north as it crosses the River Don; it flows west to east. A corn mill is shown on the western side of Bower Hill Lane, opposite the site. The Waggon and Horses pub is shown south-west of the site on the junction of Sheffield Road and Bower Hill Lane (as it is today). There is a mill-pond running east-west, fed by a mill race supplying a water mill on the northern side of Oxspring Bridge. A sandstone quarry – Oxspring Quarry is marked 100 m west north-west of the site on this earliest edition. The Manchester, Sheffield and Lincolnshire Railway runs north-west to south-east approximately 100 m to the south-west.

By 1893/1894, the quarry is shown as disused, the corn mill immediately adjacent to the site is disused, but the mill on the north side of the River Don is now also marked as a corn mill. There is a small reservoir shown next door to the Waggon and Horses pub, approximately 50 m south of the site.

On the 1931 edition, the former corn mill on the west side of Bower Hill has been demolished and replaced with a row of terrace houses. The corn mill on the north of the River Don is marked as disused. The most striking change is the field immediately to the north (the field between the Site and the River Don, is indicated as a sewerage works (Penistone Rural District Council).

On the 1948-1961 editions, the first post-war edition, the surrounding area is little changed, other than housing is beginning to appear on the south side of Sheffield Road west of the site. The sewerage works is still shown immediately north of the site until the 1993 edition. The small reservoir next to the Waggon and Horses pub is last shown on the 1965 edition – it is absent thereafter. The railway to the south-west becomes dismantled first on the 1989 edition.

On the 2000 edition, the former corn mill north of the site has been redeveloped for housing.

## 3.3 Geology

The British Geological Survey (BGS) online geology viewer, 1:50,000 scale map Sheet 87 (Barnsley) and 1:10,000 scale map sheet SE20SNE (2002) 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, a fine to coarse grained thickly cross-bedded micaceous sandstone that is between 19 to 23 m thick. The Grenoside sandstone lies in the PLCM succession immediately beneath a named coal seam - the Better Bed Coal – described as a thin coal (approx. 100 to 150 mm

only) in this area and of little economic value. The old OS maps examined in the History section note former quarries – to extract the Grenoside Sandstone.

The angle of dip is recorded on both scale of the maps, indicated as up to 4° to the north-east. A conjectured geological fault is marked close to the western boundary of the site, trending north-east/south-west, downthrown to the south-east with a small horizontal displacement too. No faults are recorded to run across the site at surface.

Superficial deposits of 2<sup>nd</sup> River Terrace Deposits are recorded to be present on the eastern third of the site above the bedrock. The River Terrace Deposits are described as sand and gravel with cobbles.

### 3.3.1 Ground Stability Hazards

The following ground stability hazards have been identified within the Envirocheck, on this site:

- Collapsible ground stability hazard – Very Low/No hazard
- Compressible ground stability hazard – No Hazard, (*Note there is moderate hazard 32 m north of the site relating to off-site alluvial superficial soils*)
- Potential for Ground dissolution – No Hazard
- Potential for Landslide ground stability hazard – Very Low
- Potential for Running Sand ground stability hazard – Very Low/No hazard
- Shrinking or swelling clay – Very Low/No hazard

No further action with regard to ground stability hazards is therefore considered to be required.

## 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.

The superficial deposits are classified as a Secondary Aquifer of high vulnerability.

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

### 3.4.2 Groundwater Abstractions

According to the Envirocheck, there are no groundwater abstractions within 1000 m of the site.

### 3.4.3 Groundwater Flooding Susceptibility

There is potential for groundwater flooding to occur at surface on the site.

## 3.5 Hydrology

According to the Envirocheck, the nearest surface water feature is located 11 m to the north – The River Don. There is a culverted watercourse crossing the site

There are no surface water abstraction points within 1000 m of the site.

## 3.6 Extractive Industries

### 3.6.1 BGS Mineral Sites

According to the Envirocheck, there are one BGS recorded mineral sites within 250 m to the site; Oxspring Quarry (mentioned in the historical section above) 231 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.

The geological maps indicate that the site is located in an area where seams of coal outcrop at surface, with the outcrop of the Better Bed Coal being shown around 20 m north of the site, dipping northwards at 4°. The Better Bed Coal is noted in the memoir to be between 100 and 150 mm thick.

No other seams of coal are indicated to outcrop near to the site, and no seams are expected to underlie the site at shallow depth.

The Coal Mining Report has no records of past underground working beneath the site. There is no probable unrecorded shallow mining 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. The likelihood of unmarked mine entries being directly on or immediately adjacent to the site is considered very low.

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**

According to the Envirocheck, the site is in a low probability radon area, where less than 1% of properties are estimated to be at or above the action level. No radon protective measures are required in new developments.

According to the Envirocheck, there is a recorded historical landfill located 72 m from the site – to the north. This is at Bower Hill (presumed to be the old Corn Mill on the historical maps); type of waste not specified, but took place between 1966 and 1996.

A second recorded historical landfill was 134 m to the south-west at Oxspring Recreation Ground and accepted inert waste between 1983 and 1988.

There is a Local Authority Recorded Landfill (LARL) 54 m to the south-west; no details of dates or waste materials. This may coincide with the infilling of the former reservoir adjacent to the Waggon and Horses pub mentioned above. A second LARL is marked 82 m north – again, no detail of dates or wastes, and is likely associated with the infilling of the former mill pond to the old corn mill mentioned above.

Given the small areas affected by these landfills, it is generally not considered that there will be a significant risk of gas generation or migration to the site. However, it is likely that gas monitoring will need to be undertaken to prove the risk is low, and therefore allowance for installing gas monitoring wells and undertaking a series of monitoring visits should be made at this stage.

### **3.8 Pollution Incidents to Controlled Waters**

There are two recorded pollution incidents within 250 m of the site; first was 96 m north-east of the site of the site when unknown pollutant discharge to an unnamed freshwater stream/river on

06/05/1992 – it was a category 3 minor. The second incident occurred 11/09/1996 223 m south of the site; it was a septic tank overflow incident – category 3 – minor incident. Both are considered to not present a potential risk to the proposed development.

### 3.9 Local Authority Pollution Prevention and Controls

The Envirocheck lists no Pollution Prevention Controls, (IPC, IPPC, LAPPC) within 500 m of the site.

### 3.10 Discharge Consents

The Envirocheck records no discharge consents located within 250 m of the site; there are three within 500 m. All three are revoked. The consents are all downstream of the Site and are considered to not present a potential risk to the proposed development.

### 3.11 Flooding

The site is located within an area which is shown to be at low risk from flooding due to rivers (i.e. it lies within Flood Zone 1). However, due to some previous excavation works on site – locally lowering ground levels, there is a high chance (greater than 3.3% chance each year) of flooding from river over part of the site.

It lies within an area where there is expected to be limited potential for groundwater flooding.

### 3.12 Soil Geochemistry

Due to the eastern portion of the site having 2<sup>nd</sup> River Terrace Deposits and the western portion being onto the Grenoside Sandstone, 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 assessment values protective of human health receptors assuming a residential end use.

Contaminant	Western portion of site Estimated Concentration (mg/kg)	Eastern portion of site Estimated Concentration (mg/kg)	Assessment Value (mg/kg)
Arsenic	15 to 25	<15	37
Cadmium	<1.8	<1.8	11
Chromium	90 to 120	60 to 90	910
Lead	<100	<100	200
Nickel	15 to 30	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 130 m north of the site for a refrigerator and freezer servicing and repair business.

There is an obsolete fuel stations located within 500 m of site; 263 m west of the 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

### 4.1 Surface Covering

The site's covering is brash and scrub. Topsoil is expected below this, and is generally expected to be a clayey sand in composition. The topsoil is not expected to be of significant thickness, given the relative lack of previous development on the site.

The site levels are uneven, there is a sinuous depression, up to ~1.5 m deep across the central/eastern part of the site, suggesting some previous excavation works, possibly for the creation of a pond which was never completed, according to anecdotal information.

### 4.2 Made Ground

The history of the site, does not suggest the presence of Made Ground on the site. However, there is evidence that there has been some excavation work on the site in the recent past which may mean that excavated materials have been redeposited across other areas of the site. If Made Ground is present, it is likely to comprise reworked natural soils.

The current depression may need to be infilled prior to development to provide a suitable development plateau. This will create a localised area in which relatively deep made ground may be present. Any fill materials used will need to be suitably inert.

### 4.3 Natural Ground

Superficial deposits (2<sup>nd</sup> River Terrace Deposits) consisting of sand and gravel are indicated on the geological maps over the eastern portion of the site. The thickness of these deposits is not expected to be significant, given their limited coverage and distance from the River Don

The Grenoside Sandstone - a named sandstone unit in the PLCM is indicated at surface over the remainder of the site. This is expected to have weathered to a very sandy gravelly clay or a clayey gravelly sand in the upper layers, the gravel being angular to sub-angular of weathered sandstone. With depth a blocky highly to completely weathered sandstone will be expected, which will likely be recovered as gravel and cobble-sized flaggy sandstone pieces. Competent sandstone is potentially expected within 2-3 m of surface

### 4.4 Groundwater

Groundwater could be present at shallow depths, given the presence of a culverted watercourse below part of the site, the elevation of the surrounding land, and the proximity to the River Don.

## 5.0 OUTLINE CONCEPTUAL MODEL

The site is being considered for redevelopment for residential development with detached two-storey properties with private gardens. A new access onto Bower Hill will be also constructed.

### 5.1 Potential Sources of Contamination

Historically, the site has been undeveloped. The land to the north was occupied by small a sewage treatment works for part of the 20<sup>th</sup> Century – there is a possibility some materials from the treatment process found their way onto site. The list of potential contaminants of concern could include: - metals, non-metal inorganic compounds and organic compounds (including PAH, TPH). Asbestos containing materials cannot be discounted from any made ground materials. The likelihood of potential contaminants of concern being present is considered to be low, however.

During the site walkover no tanks or unexpected manhole covers were noted.

### 5.2 Ground Gas

No radon precautions are required.

There are two recorded landfill sites close to the site. Permitted waste included inert material. The unknown nature of the materials placed in the landfill have the potential to generate Ground Gas; although after 50 years, primary gas-generation period should have passed.

A programme of gas monitoring may be required prior to development occurring on the site; although the likelihood of ground gases being present is considered low.

It is considered that a risk of mine gases being emitted at surface is negligible, given the depth to the recorded workings below the site.

At this stage, it would be prudent to allow for CS<sub>2</sub> gas protective measures in the new units. Such measures may include a suspended (precast concrete) ground slab with ventilated void beneath and a fully lapped and sealed gas resistant membrane.

### 5.3 Potential Pollutant Linkages

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

Source	Potential Contaminants of Concern	Potential Pathways	Potential Receptors
Made ground (if present)	Heavy metals/metalloids Asbestos PAHs Petroleum hydrocarbons	Ingestion Inhalation Direct contact	Future residents Site construction workers
		Direct contact	Water supply pipes
		Biological uptake	Plants/produce
		Migration through ground (direct or leaching)	Secondary A Aquifer
Made ground (if present) and natural ground	Sulphates Low pH	Direct contact	Below-ground concrete
Former landfill close to the site	Ground gases (carbon dioxide and methane)	Migration through ground into dwelling	Site residents Buildings

Based on the above preliminary assessment of the outline conceptual site model and the principles of the source/pathway/receptor relationship, pollution linkage can be proven. Assessing the likelihood of there being significant hazard (contaminants of concern at high levels) and corresponding residual risk to human health and environmental quality, we consider there to be a low level of residual risk associated with the proposed development.

## 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 in any soft landscaped areas/ rear gardens which will overlie made ground. Hardstanding can be used in other areas to encapsulate any made ground and hence break pollution linkage;
- Due to the historical landfill <50 m from the site, CS2 gas protective measures within the new properties, pending the results of a programme of gas monitoring.
- DS2 sulphate precautions should be allowed for at this stage for all below ground concrete, subject to testing.

A suitable contingency for dealing with localised contamination 'hotspots' should always be made; to locally excavate and dispose.

## 6.0 GEOTECHNICAL APPRAISAL

### 6.1 General

It is assumed that the proposed properties will be constructed using traditional building methods and materials.

The ground conditions below the site are anticipated to comprise possibly cohesive soils on the western half of the site with granular soils over the eastern half of the site.

Some re-levelling of the site locally may be necessary, including the existing depression in the centre of the site. This will need to be filled in a controlled manner with suitably inert materials.

### 6.2 Foundations

For the proposed residential properties, if any Made Ground is encountered, it is considered unsuitable as a founding stratum. Similarly, if any re-levelling of site levels is needed, re-worked materials are also considered unsuitable as a founding stratum. Accordingly, foundations should be locally deepened to found on undisturbed natural ground.

At this stage, unreinforced strip/trench-fill footings are expected to be suitable for the plots. Assuming that any cohesive soils will be of medium volume change potential at worst, a minimum footing depth of 900 mm is considered suitable. This may potentially be reduced in the east of the site, where granular soils are expected, and a minimum footing depth of 600-750 mm may be suitable.

There are mature and semi-mature trees on the site boundaries, including ash, some sycamore, elder and hawthorn. There are also believed to have been large trees removed recently. In accordance with NHBC Standards Chapter 4.2, footings in the CLAY soils will local need deepening due to soil heave/shrinkage. Heave protection would be required for any foundations in cohesive soils which exceed 1.5 m depth due to tree influence.

Development of the foundation solution is subject to intrusive investigation.

### 6.3 Floor Slabs

At this stage, it is expected that precast concrete beam and block floors will be required due to the expected presence of shrinkable CLAY soils on part of the site, the local potential raising of ground levels to infill the existing depression, and the potential need for gas protective measures.

## 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

Part of the site has had some recent excavation work. Site levels may need some re-adjustment.

Significant excavation problems are not generally expected on the site.

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

In the areas of the site on natural ground, a conservative CBR value of 2-3% is likely to be appropriate for drive and access road design.

## 6.7 Surface Water Drainage

The ground conditions beneath the site are expected to comprise firm to stiff becoming stiff slightly sandy gravelly clay under half of the site. The remainder of the site is expected to be granular sand and gravel.

It is considered that soakaways in the area of cohesive soils – the sandy gravelly clay will not be suitable due to the likely impermeable nature of the natural clay. The granular soils in the east of the site may be more suitable for soakaways, subject to testing, but the proximity of the plots and the topography of the ground may mean that infiltration is not feasible.

However, there is a culverted watercourse present on the site, and it is considered more suitable to discharge surface water flows from the development to this, rather than to the ground.

## 7.0 RECOMMENDATIONS FOR FURTHER WORK

The previous use of the site suggests widespread contamination across the site will not be present. Some Made Ground may be present which may potentially include some elevated concentrations of a broad range of contaminants, although the risk of this is considered to be low and the majority of made ground (if present) is expected to comprise reworked natural soils.

The preliminary Conceptual Site Model has proven pollution linkage between potential contaminant sources via plausible pathways to sensitive receptor (human health and environmental quality); however, it remains to be seen if contaminants of concern at levels considered hazardous to human health and environmental quality actually are present. It will be necessary to confirm the ground conditions at the site to develop the Conceptual Site Model, even to discount if contaminant sources are actually present that are at levels hazardous to human health & environmental quality.

Intrusive investigation is also recommended to confirm the physical/geotechnical conditions beneath the site and allow foundation design to be undertaken.

It is recommended that a trial pit investigation is undertaken to determine the ground conditions below the site, 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.

A gas monitoring program is also required due to the presence of landfills in the vicinity of the site. a minimum of six rounds of monitoring will be required over a period of at least 12 weeks.

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 to determine their volume change potential.

## **Appendix 1**

### Site Walkover Photographs



View along north western boundary, looking south west



View across the site looking south from the northern corner.

Prepared	TM	Checked	AJK	Job No.	49679	Date	17/07/2025	Photograph No.	1&2
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**LAND ADJACENT TO SMITHY HOUSE, BOWER HILL, OXSPRING**

**YORKSHIRE LAND LIMITED**

**SITE WALKOVER PHOTOGRAPHS**

**Eastwood**  
CONSULTING ENGINEERS

St Andrew's House  
23 Kingfield Road  
Sheffield, S11 9AS

T: 0114 255 4554  
E: [mail@eastwoodce.com](mailto:mail@eastwoodce.com)  
[eastwoodce.com](http://eastwoodce.com)



View looking along the southern boundary, showing existing depression



Looking north across the site from the southern corner

Prepared	TM	Checked	AJK	Job No.	49679	Date	17/07/2025	Photograph No.	3&4
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[eastwoodce.com](http://eastwoodce.com)

**Appendix 2**  
Landmark Envirocheck  
Consultants Coal Mining Report

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

380100224\_1\_1

**Customer Reference:**

49679

**National Grid Reference:**

427230, 402000

**Slice:**

A

**Site Area (Ha):**

0.33

**Search Buffer (m):**

1000

#### Site Details:

Site at 427220, 402000

#### Client Details:

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

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	15
Hazardous Substances	17
Geological	18
Industrial Land Use	26
Sensitive Land Use	29
Data Currency	30
Data Suppliers	35
Useful Contacts	36

### Introduction

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

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### Radon Potential dataset Copyright Notice

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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)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 3			3	1
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				1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4		Yes		
Pollution Incidents to Controlled Waters	pg 4		2	1	11
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register					
Water Abstractions	pg 6				(*8)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 8	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 9	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 9	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 9		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 10		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 10	1	13	9	6
Water Framework Directive - Catchment	pg 13	Yes			Yes
Water Framework Directive - Groundwater	pg 14	Yes			
Water Framework Directive - Surface Waters					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 15		2	1	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 15	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 15		2	1	
Potentially Infilled Land (Non-Water)	pg 16			1	3
Potentially Infilled Land (Water)	pg 16				2
Registered Landfill Sites	pg 16		1		
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)	pg 17				2
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 17				1
Planning Hazardous Substance Consents	pg 17				3
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 18	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 18	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 22		1	2	4
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 23	Yes	n/a	n/a	n/a
Mining Instability	pg 23	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 23	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 23		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 24	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 24	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 24		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 25	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 26		1	1	3
Fuel Station Entries	pg 26			1	
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 26		2		11
Points of Interest - Public Infrastructure	pg 27				9
Points of Interest - Recreational and Environmental	pg 28		1		2
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Ancient Woodland	pg 29		2		
Areas of Adopted Green Belt	pg 29	1			
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 29				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
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	0	1	427250 402000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NE)	0	1	427228 401997
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	89	1	427350 401950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	93	1	427100 402050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	96	1	427300 401900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (N)	122	1	427228 402150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	126	1	427350 401900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	162	1	427050 402100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	163	1	427350 402150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	166	1	427350 401850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	172	1	427228 402200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	180	1	427150 402200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	190	1	427400 402150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	196	1	427450 402100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	201	1	427100 402200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	205	1	427000 402100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	231	1	427400 402200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	231	1	427050 402200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	241	1	427500 402100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	260	1	427450 402200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	271	1	427550 402000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	313	1	427050 402300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	321	1	427600 402000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (E)	321	1	427600 401997
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	322	1	427200 402350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	326	1	427150 402350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	335	1	427100 402350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	371	1	427650 402000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	371	1	427650 401997
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	372	1	427228 402400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	373	1	426950 402300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	422	1	427228 402450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	429	1	426800 402200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	432	1	427450 402400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	432	1	427300 402450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	446	1	427350 402450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	454	1	427500 402400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	460	1	427228 401500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	474	1	426750 402200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	482	1	427750 401900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	493	1	427350 402500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	496	1	426750 402250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	496	1	427750 401850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: David Wilson Homes Northern  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Bower Hill Road Sps Bower Hill Road, Oxspring, Near Barnsley, South Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: WRA7388  Permit Version: 1  Effective Date: 27th February 1998  Issued Date: 27th February 1998  Revocation Date: 13th May 1999  Discharge Type: Sewage (Private)/SSO  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Dearne  <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	288	2	427300 402300
2	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Limited  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Toll Bar Close Sps Toll Bar Close, Oxspring, Sheffield, South Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: Wadc431  Permit Version: 1  Effective Date: 2nd November 1989  Issued Date: 2nd November 1989  Revocation Date: 17th September 2002  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Don  <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13SW (W)	288	2	426920 401880
3	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services  Property Type: Undefined Or Other  Location: Denby Lane, Grangemoor, Wpc Works  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: N/C  Permit Version: 11  Effective Date: 1st July 1986  Issued Date: 1st July 1986  Revocation Date: 31st July 1986  Discharge Type: Sewage Discharges - Unspecified - Water Company  Discharge: Not Supplied  Environment:  Receiving Water: Not Supplied  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NW (E)	324	2	427600 402050
4	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Oxspring Tank Sewage Treatment Wks  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: C5303  Permit Version: 1  Effective Date: 25th October 1988  Issued Date: 25th October 1988  Revocation Date: 8th August 1996  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Of The River Don  <b>Status: Consent revoked: Discharge ceased (Water Resources Act 1991, Schedule 10 &amp; 6)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	583	2	427550 402520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: N Bramall &amp; Son Ltd            Location: Near Coates Farm, Barnsley Road, Oxspring, SHEFFIELD, South Yorkshire, S36 8YB            Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards            Permit Reference: Not Supplied            Dated: Not Supplied            Process Type: Local Authority Air Pollution Control            Description: PG5/1 Clinical waste incineration processes under 1 tonne an hour  <b>Status: Authorisation revoked</b>            Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	889	3	427777 402740
	<p><b>Nearest Surface Water Feature</b></p>	A13SW (S)	11	-	427213 401953
6	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Miscellaneous Premises: Unknown            Location: Sew Works B6462/Bridge Oxspring Don 59            Authority: Environment Agency, North East Region            Pollutant: Unknown            Note: Not Supplied            Incident Date: 6th May 1992            Incident Reference: 132713            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>	A13NE (NE)	98	2	427300 402100
7	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Private Sewage (Non-PLC): Sewage Treatment Works            Location: Pugreys Lake, WAKEFIELD            Authority: Environment Agency, North East Region            Pollutant: Sewage - Septic Tank Effluent            Note: Pollution Found; No Fish Killed            Incident Date: 11th September 1996            Incident Reference: SL961013            Catchment Area: Calder Tributaries            Receiving Water: Freshwater Stream/River            Cause of Incident: Unknown            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A13SE (S)	223	2	427300 401750
8	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Oil Industry (Not Garages)            Location: River Don At, OXSPRING            Authority: Environment Agency, North East Region            Pollutant: Oils - Diesel (Including Agricultural)            Note: Pollution Found; No Fish Killed            Incident Date: 18th September 1996            Incident Reference: SH960414            Catchment Area: Don            Receiving Water: Freshwater Stream/River            Cause of Incident: Unknown            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A14NW (E)	321	2	427600 402000
9	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Oil Storage Depot            Location: Bridge Green Moor/Sew Wks B6462 Don 58            Authority: Environment Agency, North East Region            Pollutant: Unknown Sewage            Note: Not Supplied            Incident Date: 31st October 1994            Incident Reference: 153809            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>	A14SW (SE)	519	2	427700 401700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Industrial Premises            Location: Bridge Green Moor/Sew Wks B6462 Don 58            Authority: Environment Agency, North East Region            Pollutant: Mud/Clay/Soil            Note: Not Supplied            Incident Date: 7th May 1991            Incident Reference: 122099            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>	A9NW (SE)	659	2	427800 401600
11	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Surface Water Sewers            Location: Bridge Oxspring/Winterbtm Works Don 60            Authority: Environment Agency, North East Region            Pollutant: Unknown Sewage            Note: Not Supplied            Incident Date: 8th May 1992            Incident Reference: 133070            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>	A17SE (NW)	701	2	426800 402600
12	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Farm            Location: Sew Works B6462/Bridge Oxspring Don 59            Authority: Environment Agency, North East Region            Pollutant: Blood And Offal            Note: Not Supplied            Incident Date: 30th November 1992            Incident Reference: 139062            Catchment Area: Not Given            Receiving Water: No Pollution            Cause of Incident: Not Given            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A19NW (NE)	767	2	427600 402700
13	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Crown Exempt            Location: Oxspring, Blackamoor Terminal Near, PENISTONE            Authority: Environment Agency, North East Region            Pollutant: Oils - Diesel (Including Agricultural)            Note: Watercourse :River Don; From Cheesebottom Stw To Little River Donriver            Incident Date: 7th March 1998            Incident Reference: SH980101            Catchment Area: Don            Receiving Water: Freshwater Stream/River            Cause of Incident: Unknown            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	769	2	427900 401550
13	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Pipelines (Long Distance Only)            Location: River Don At, Cheesebottom Near, PENISTONE            Authority: Environment Agency, North East Region            Pollutant: Oils - Kerosene Fuel Oil            Note: Pollution Found; No Fish Killed            Incident Date: 25th April 1996            Incident Reference: SH960137            Catchment Area: Don            Receiving Water: Freshwater Stream/River            Cause of Incident: Unknown            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	800	2	427900 401500
13	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Pipelines (Long Distance Only)            Location: R. Don At, Cheesebottom, PENISTONE            Authority: Environment Agency, North East Region            Pollutant: Oils - Kerosene Fuel Oil            Note: No Fish Killed            Incident Date: 25th April 1996            Incident Reference: SH960137            Catchment Area: Don            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>	A9NW (SE)	803	2	427900 401495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Domestic/Residential            Location: Bridge Oxspring/Winterbtm Works Don 60            Authority: Environment Agency, North East Region            Pollutant: Miscellaneous - No Visible Pollution/Nothing Found            Note: Not Supplied            Incident Date: 5th August 1993            Incident Reference: 146732            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>	A17NE (NW)	904	2	426600 402700
15	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Farm            Location: Scorton Bridge, /Old Rail Stn Scorton Beck 07            Authority: Environment Agency, North East Region            Pollutant: Animal Waste/Slurry            Note: Not Supplied            Incident Date: 22nd November 1993            Incident Reference: 148952            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>	A7SE (SW)	920	2	426700 401200
15	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Farm            Location: Scorton Bridge, /Old Rail Stn Scorton Beck 07            Authority: Environment Agency, North East Region            Pollutant: Animal Waste/Slurry            Note: Not Supplied            Incident Date: 16th November 1993            Incident Reference: 148953            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>	A7SE (SW)	924	2	426700 401195
16	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Farm            Location: Darfield/Source Dove(S) Afu            Authority: Environment Agency, North East Region            Pollutant: Blood And Offal            Note: Not Supplied            Incident Date: 1st November 1991            Incident Reference: 127851            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>	A19SE (NE)	936	2	428000 402600
	<p><b>Water Abstractions</b></p> <p>Operator: Winterbottom (Wiredrawers) Ltd            Licence Number: 2/27/05/104            Permit Version: 100            Location: River Don            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): 36            Yearly Rate (m3): 8728            Details: Oxspring Wire Mills, Nr. Sheffield            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 17th March 1966            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A17NW (NW)	1122	2	426300 402700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Yorkshire Water Services Ltd  Licence Number: Ne/027/0005/034  Permit Version: 1  Location: River Don At Cheesebottom  Authority: Environment Agency, North East Region  Abstraction: Other Environmental Improvements: Transfer between sources  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 April  Authorised End: 31 March  Permit Start Date: 16th November 2023  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A4NE (SE)	1484	2	427933 400655
	<p><b>Water Abstractions</b></p> <p>Operator: Mr D Rollinson  Licence Number: 2/27/05/201/R01  Permit Version: 1  Location: River Don - The Old Mill - Thurgoland  Authority: Environment Agency, North East Region  Abstraction: Production Of Energy: Hydroelectric Power Generation  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: The Old Mill, Old Mill Lane,Thurgoland  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>	A4SW (SE)	1495	2	427900 400626
	<p><b>Water Abstractions</b></p> <p>Operator: Mr D Rollinson  Licence Number: 2/27/05/201  Permit Version: 2  Location: River Don - The Old Mill - Thurgoland  Authority: Environment Agency, North East Region  Abstraction: Production Of Energy: Hydroelectric Power Generation  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: The Old Mill, Old Mill Lane,Thurgoland  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 5th March 2008  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A4SW (SE)	1496	2	427890 400620
	<p><b>Water Abstractions</b></p> <p>Operator: Mr D Rollinson  Licence Number: 2/27/05/201  Permit Version: 1  Location: River Don - The Old Mill - Thurgoland  Authority: Environment Agency, North East Region  Abstraction: Production Of Energy: Hydroelectric Power Generation  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: The Old Mill, Old Mill Lane,Thurgoland  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 4th September 2007  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A4SW (SE)	1496	2	427890 400620

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Mrs U Plant  Licence Number: 2/27/05/144  Permit Version: 100  Location: Spring - Oxspring  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): 3  Yearly Rate (m3): 995  Details: The Outlook, Oxspring, Sheffield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 15th February 1968  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A3SW (S)	1568	2	427060 400400
	<p><b>Water Abstractions</b></p> <p>Operator: Yorkshire Water Plc  Licence Number: 2/27/05/016  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): 6319  Yearly Rate (m3): 1782032  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>	A16SW (W)	1597	2	425700 402600
	<p><b>Water Abstractions</b></p> <p>Operator: Mr E Hawke  Licence Number: 2/27/05/148  Permit Version: Not Supplied  Location: Location Description Not Available  Authority: Environment Agency, North East Region  Abstraction: Domestic &amp; Agriculture  Abstraction Type: Not Supplied  Source: Groundwater  Daily Rate (m3): 27  Yearly Rate (m3): 9956  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>	A1SE (SW)	1758	2	426100 400600
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability  Combined Vulnerability: High  Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer  Pollutant Speed: High  Bedrock Flow: Well Connected Fractures  Dilution: 300-550 mm/year  Baseflow Index: &gt;70%  Superficial: &lt;90%  Patchiness:  Superficial Thickness: &lt;3m  Superficial Recharge: No Data</p>	A13NW (NE)	0	2	427231 401998

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NW (NE)	0	2	427230 402000
	<b>Groundwater Vulnerability Map</b> 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: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NW (NE)	0	2	427228 401997
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NW (N)	0	2	427228 402000
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13NW (NE)	0	4	427228 401997
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13NW (NE)	0	4	427231 401998
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (N)	11	2	427227 402033
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A13NW (NW)	91	2	427171 402113
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (E)	201	2	427480 402006
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (E)	205	2	427484 402002

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (E)	213	2	427492 401997
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (N)	13	2	427229 402034
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	115	2	427288 402122
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 82.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NW (W)	0	5	427220 401998
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (S)	11	5	427213 401953
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NW (N)	13	5	427225 402035
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (S)	17	5	427211 401948
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 77.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (N)	19	5	427232 402040
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A13NW (N)	19	5	427231 402040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (SW)	27	5	427201 401941
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 377.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (SW)	30	5	427196 401941
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 263.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Don and Rother Primacy: 1	A13NE (NE)	59	5	427297 402071
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 87.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (NE)	75	5	427286 402080
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Don and Rother Primacy: 1	A13NE (NE)	75	5	427286 402080
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 889.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Don and Rother Primacy: 1	A13NE (NE)	77	5	427283 402083
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 133.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (N)	157	5	427291 402165
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 24.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (E)	249	5	427516 402080
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (E)	252	5	427518 402084

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 279.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Don and Rother Primacy: 1	A13NE (E)	253	5	427524 402063
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 41.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (E)	254	5	427520 402084
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (N)	289	5	427332 402290
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 421.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (N)	292	5	427334 402294
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 180.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (SW)	401	5	426916 401689
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 234.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Don and Rother Primacy: 1	A14SW (E)	417	5	427659 401831
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 384.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SW (E)	417	5	427659 401831
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 353.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	426	5	426904 402331
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 18.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7NE (SW)	573	5	426787 401574

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A9NW (SE)	590	5	427733 401628
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A9NW (SE)	590	5	427735 401629
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 736.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Don and Rother Primacy: 1	A9NW (SE)	590	5	427741 401637
44	<b>OS Water Network Lines</b> 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	A7NE (SW)	590	5	426771 401566
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 939.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Don and Rother Primacy: 1	A17SE (NW)	755	5	426721 402607
	<b>Water Framework Directive - Catchment</b> Class Code: River Catchment WaterBody Name: Don from Scout Dyke to the Little Don WaterBody ID: GB104027057490 Operational: Don Upper Catchment: Don and Rother Management: Don and Rother Catchment: Don & Rother Catchment Name: Don & Rother	A13NW (NE)	0	2	427228 401997
	<b>Water Framework Directive - Catchment</b> Class Code: River Catchment WaterBody Name: Dodworth Dyke from Source to River Dove WaterBody ID: GB104027057520 Operational: Dearne Catchment: Don and Rother Management: Don and Rother Catchment: Don & Rother Catchment Name: Don & Rother	A19SW (NE)	639	2	427780 402400
	<b>Water Framework Directive - Catchment</b> Class Code: River Catchment WaterBody Name: Silkstone Beck from Source to Cawthorne Dyke WaterBody ID: GB104027057560 Operational: Dearne Catchment: Don and Rother Management: Don and Rother Catchment: Don & Rother Catchment Name: Don & Rother	A18NW (N)	852	2	427180 402880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Framework Directive - Groundwater</b></p> <p>Waterbody Name: Don &amp; Rother Millstone grit &amp; Coal Measures                      Waterbody ID: GB40402G992300                      URL Address: <a href="https://environment.data.gov.uk/catchment-planning/WaterBody/GB40402G992300">https://environment.data.gov.uk/catchment-planning/WaterBody/GB40402G992300</a></p> <p>Overall Rating: Poor                      Chemical Rating: Poor                      Quantitative Measure: Good                      Year: 2019</p>	A13NW (NE)	0	2	427228 401997

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	<b>Historical Landfill Sites</b> Licence Holder: Mr Walsh Location: Oxspring Name: Bower Hill Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD04391 First Input Date: 31st December 1966 Last Input Date: 31st December 1996 Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4400/0548 BGS Ref: Not Supplied Other Ref: Not Supplied	A13NE (N)	72	2	427233 402099
47	<b>Historical Landfill Sites</b> Licence Holder: Oxspring Parish Council Location: Sheffield Road, Oxspring, Sheffield Name: Oxspring Recreation Ground Operator Location: c/o Mrs S Morton, Clerk, 48 Mayfield, Oxspring, Sheffield Boundary Accuracy: As Supplied Provider Reference: EAHLD04390 First Input Date: 5th August 1983 Last Input Date: 17th May 1988 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4400/0487 BGS Ref: Not Supplied Other Ref: B389, 4400/B389, 20B389(85), WD20 B389	A13SW (SW)	134	2	427114 401869
48	<b>Historical Landfill Sites</b> Licence Holder: Stevlorra Location: Bower Hill, Oxspring Name: Land north of Sheffield Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD04392 First Input Date: 31st December 1994 Last Input Date: 31st December 1994 Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 4400/(161)	A13NW (NW)	278	2	426942 402147
	<b>Local Authority Landfill Coverage</b> Name: Barnsley Metropolitan Borough Council - Has supplied landfill data		0	3	427228 401997
49	<b>Local Authority Recorded Landfill Sites</b> Location: Not Supplied Reference: 85 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards <b>Last Reported Status:</b> Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13SW (SW)	54	3	427191 401917
50	<b>Local Authority Recorded Landfill Sites</b> Location: Not Supplied Reference: 146 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards <b>Last Reported Status:</b> Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13NW (N)	82	3	427227 402110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	<p><b>Local Authority Recorded Landfill Sites</b></p> <p>Location: Not Supplied Reference: 161 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards</p> <p><b>Last Reported Status:</b> Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate</p>	A13NW (NW)	261	3	427017 402210
52	<p><b>Potentially Infilled Land (Non-Water)</b></p> <p>Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989</p>	A13NW (NW)	286	-	427026 402252
53	<p><b>Potentially Infilled Land (Non-Water)</b></p> <p>Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989</p>	A19SW (NE)	536	-	427689 402349
54	<p><b>Potentially Infilled Land (Non-Water)</b></p> <p>Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989</p>	A14SW (SE)	550	-	427769 401755
55	<p><b>Potentially Infilled Land (Non-Water)</b></p> <p>Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989</p>	A9NW (SE)	572	-	427692 401609
56	<p><b>Potentially Infilled Land (Water)</b></p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955</p>	A9NW (SE)	806	-	427820 401407
57	<p><b>Potentially Infilled Land (Water)</b></p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955</p>	A18NE (N)	954	-	427257 402981
58	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Oxspring Parish Council Licence Reference: WD20 B 389 Site Location: Recreation Ground, Sheffield Road, Oxspring, Sheffield, South Yorkshire Licence Easting: 427150 Licence Northing: 401800 Operator Location: Oxspring, Sheffield, South Yorkshire Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st August 1983 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 Excavated Natural Materials \$ Prohibited Waste: Asbestos Liquid Wastes</p>	A13SW (S)	176	2	427150 401800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	<p><b>Control of Major Accident Hazards Sites (COMAH)</b></p> <p>Name: Conoco Ltd            Location: Oxspring, SHEFFIELD, South Yorkshire, S30 6YR            Reference: Not Supplied            Type: Lower Tier            Status: <b>Record Ceased To Be Supplied Under COMAH Regulations</b>            Positional Accuracy: Manually positioned to the address or location</p>	A9NW (SE)	688	6	427771 401524
60	<p><b>Control of Major Accident Hazards Sites (COMAH)</b></p> <p>Name: Oil And Pipelines Agency            Location: Blackmoor Psd, Oxspring, Penistone, Sheffield, South Yorkshire, S20 6YR            Reference: Not Supplied            Type: Upper Tier            Status: <b>Active</b>            Positional Accuracy: Manually positioned to the address or location</p>	A9NW (SE)	736	6	427742 401432
61	<p><b>Notification of Installations Handling Hazardous Substances (NIHHS)</b></p> <p>Name: Conoco Limited            Location: Blackmoor Terminal, Oxspring, SHEFFIELD, South Yorkshire, S30 6YR            Status: <b>Not Active</b>            Positional Accuracy: Unknown</p>	A9NW (SE)	732	6	427805 401495
62	<p><b>Planning Hazardous Substance Consents</b></p> <p>Name: Conoco Ltd            Location: Blackmoor Terminal, Oxspring, Sheffield, South Yorkshire, S30 4uz            Authority: Barnsley Metropolitan Borough Council, Planning Department            Application Ref: Hsc/92/6            Hazardous: Automotive petrol and other petroleum spirits            Substance:            Maximum Quantity: 24600            Application date: 18th November 1992            Decision: <b>Deemed Consent Granted</b>            Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	725	7	427800 401500
63	<p><b>Planning Hazardous Substance Consents</b></p> <p>Name: Conoco Ltd            Location: Blackmoor Terminal, Oxspring, SHEFFIELD, S30 4YR            Authority: Barnsley Metropolitan Borough Council, Planning Department            Application Ref: Hsc/92/6            Hazardous: Automotive petrol and other petroleum spirits            Substance:            Maximum Quantity: 24600            Application date: 18th November 1992            Decision: <b>Deemed Consent Granted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A9NW (SE)	832	7	427869 401418
64	<p><b>Planning Hazardous Substance Consents</b></p> <p>Name: Blackmoor Psd            Location: Oxspring, Penistone            Authority: Barnsley Metropolitan Borough Council, Planning Department            Application Ref: Not Supplied            Hazardous: Combination of Dangerous Substances            Substance:            Maximum Quantity: 0            Application date: 11th December 2006            Decision: <b>Unknown at time of report</b>            Positional Accuracy: Manually positioned to the address or location</p>	A9SW (SE)	870	7	427796 401303

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A13NW (NE)	0	1	427228 401997
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NE)	0	1	427228 401997
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (E)	0	1	427256 401994
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 120 - 180 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NE (NE)	67	1	427268 402087
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (W)	86	1	427105 402044
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (N)	92	1	427220 402119
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (W)	135	1	427048 402000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> 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 (N)	152	1	427236 402178
	<b>BGS Estimated Soil Chemistry</b> 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:	A13NE (N)	153	1	427254 402176
	<b>BGS Estimated Soil Chemistry</b> 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 (NE)	220	1	427421 402172
	<b>BGS Estimated Soil Chemistry</b> 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:	A13NW (NW)	244	1	427000 402169
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (S)	246	1	427265 401716
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NW (NW)	287	1	427000 402230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> 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:	A14NW (NE)	370	1	427601 402186
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (SE)	372	1	427523 401723
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	373	1	427652 402000
	<b>BGS Estimated Soil Chemistry</b> 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:	A14NW (NE)	438	1	427636 402257
	<b>BGS Estimated Soil Chemistry</b> 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:	A14NW (NE)	478	1	427643 402314
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (E)	513	1	427786 401926

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14NW (NE)	542	1	427712 402330
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14NW (E)	602	1	427877 402076
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14NE (E)	656	1	427935 402000
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18NW (N)	683	1	427000 402680
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A17SE (NW)	714	1	426888 402668
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14NE (E)	754	1	428032 402000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> 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:	A18NE (N)	871	1	427543 402834
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14NE (E)	957	1	428235 402000
65	<b>BGS Recorded Mineral Sites</b> Site Name: Oxspring Quarry Location: Oxspring, Penistone, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37970 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Penistone Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	231	1	426984 402126
66	<b>BGS Recorded Mineral Sites</b> Site Name: Oxspring House Location: Oxspring, Penistone, Sheffield, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 109957 Type: Opencast <b>Status: Ceased</b> 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)	293	1	427021 402256
67	<b>BGS Recorded Mineral Sites</b> Site Name: Oxspring Quarry Location: Oxspring, Penistone, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37971 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SE (S)	301	1	427296 401667
68	<b>BGS Recorded Mineral Sites</b> Site Name: Thurgoland Bridge Location: Thurgoland, Penistone, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 108223 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Penistone Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	548	1	427771 401764

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	<b>BGS Recorded Mineral Sites</b> Site Name: Thurgoland Bank Location: Thurgoland, Sheffield, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 109975 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Grenoside Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	569	1	427708 401631
70	<b>BGS Recorded Mineral Sites</b> Site Name: Copster Quarry Location: Four Lane End, Oxspring, Penistone, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 38008 Type: Opencast <b>Status: Ceased</b> 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	A19SW (NE)	592	1	427756 402355
71	<b>BGS Recorded Mineral Sites</b> Site Name: Jockey Hill Quarry Location: Oxspring, Penistone, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37969 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Penistone Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NW (N)	738	1	426965 402726
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> 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.	A13NW (NE)	0	8	427228 401997
	<b>Mining Instability</b> Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NW (NE)	0	-	427228 401997
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	427228 401997
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	32	1	427249 402050
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	114	1	427211 402142
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	427228 401997
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	32	1	427249 402050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	114	1	427211 402142
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	427228 401997
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	427228 401997
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	38	1	427179 402057
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	105	1	427284 402116
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	111	1	427122 402103
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	131	1	427324 402127
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	175	1	427067 401856
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	231	1	427445 402165
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	427231 401998
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	427228 401997
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	32	1	427249 402050
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	114	1	427211 402142
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	138	1	427254 402158
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	427228 401997
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	5	1	427186 402022
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	6	1	427253 402028
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	30	1	427166 402036
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	32	1	427249 402050
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	114	1	427211 402142
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	140	1	427258 402158

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Radon Potential - Radon Affected Areas</b></p> <p>Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13NW (NE)	0	1	427228 401997
	<p><b>Radon Potential - Radon Affected Areas</b></p> <p>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).</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13SW (S)	0	1	427225 401975
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13NW (NE)	0	1	427228 401997
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13SW (S)	0	1	427225 401975

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	<b>Contemporary Trade Directory Entries</b> Name: T D Wilson Refrigeration Location: 5, Millstones, Oxspring, Sheffield, S36 8WZ Classification: Refrigerators & Freezers - Servicing & Repairs Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NW (N)	130	-	427200 402158
73	<b>Contemporary Trade Directory Entries</b> Name: Pressed To Perfection Location: 19, Brookfield, Oxspring, Sheffield, S36 8WG Classification: Ironing & Home Laundry Services Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	269	-	426951 401863
74	<b>Contemporary Trade Directory Entries</b> Name: J & J Auto Repairs Location: 35, The Willows, Oxspring, Sheffield, S36 8ZZ Classification: Garage Services Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A12NE (NW)	599	-	426659 402298
75	<b>Contemporary Trade Directory Entries</b> Name: N Bramall & Son Ltd Location: Near Coates Farm, Coates Lane, Oxspring, SHEFFIELD, S36 8YB Classification: Meat - Wholesale Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	889	-	427777 402740
76	<b>Contemporary Trade Directory Entries</b> Name: Elsworth Dairy Location: Wraith House, Halifax Road, Oxspring, Sheffield, S36 8YL Classification: Dairies Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NE (N)	923	-	427409 402929
77	<b>Fuel Station Entries</b> Name: Oxspring Garage Location: Sheffield Road , Oxspring , Sheffield, South Yorkshire, S30 6YQ Brand: Obsolete Premises Type: Not Applicable Status: <b>Obsolete</b> Positional Accuracy: Manually positioned to the address or location	A13NW (W)	263	-	426943 402114
78	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	40	9	427283 402045
78	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: S36 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	40	9	427283 402045
79	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S35 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	698	9	427819 401562
79	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S35 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	726	9	427836 401539
79	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S35 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	739	9	427814 401495
80	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S36 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	743	9	427385 401234

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	<b>Points of Interest - Manufacturing and Production</b> Name: H E & W J Fox Location: Sycamore Farm, Oxspring, Sheffield, S36 8YP Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A12SW (W)	800	9	426429 401732
82	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S35 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	863	9	427808 401322
83	<b>Points of Interest - Manufacturing and Production</b> Name: Wind Turbine Location: S36 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	904	9	426289 401859
84	<b>Points of Interest - Manufacturing and Production</b> Name: D B Elsworth & Son Location: Willow Lane Farm, Halifax Road, Oxspring, Sheffield, S36 8YL Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A18NW (N)	939	9	426949 402932
85	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S35 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	955	9	427864 401250
85	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S35 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	987	9	427877 401219
86	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: S35 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SE (SE)	1000	9	427956 401268
87	<b>Points of Interest - Public Infrastructure</b> Name: Sluice Location: S36 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	554	9	427711 401658
87	<b>Points of Interest - Public Infrastructure</b> Name: Sluice Location: S36 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	576	9	427723 401638
87	<b>Points of Interest - Public Infrastructure</b> Name: Sluice Location: S36 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	586	9	427732 401632
88	<b>Points of Interest - Public Infrastructure</b> Name: Slurry Bed Location: S36 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	720	9	426490 401803
89	<b>Points of Interest - Public Infrastructure</b> Name: Willey Bridge Junction Location: S36 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to an adjacent address or location	A12NW (NW)	796	9	426454 402327

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	<b>Points of Interest - Public Infrastructure</b> Name: Slurry Bed Location: S36 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	861	9	427374 402873
91	<b>Points of Interest - Public Infrastructure</b> Name: Cheesebottom Sewage Treatment Works Location: S35 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A9SW (SE)	979	9	427895 401244
91	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Treatment Works Location: S35 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A9SE (SE)	996	9	427955 401273
92	<b>Points of Interest - Public Infrastructure</b> Name: Slurry Bed Location: S36 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	982	9	427400 402991
93	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: S36 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	226	9	426975 402095
94	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: East Close, S36 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A17SW (NW)	836	9	426464 402434
94	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	837	9	426461 402432

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	<b>Ancient Woodland</b> Name: Not Supplied Reference: 1411814 Area(m <sup>2</sup> ): 19858.64 Type: Ancient and Semi-Natural Woodland	A13NE (N)	153	10	427288 402162
96	<b>Ancient Woodland</b> Name: Not Supplied Reference: 1411820 Area(m <sup>2</sup> ): 19204.22 Type: Ancient and Semi-Natural Woodland	A13NW (NW)	229	10	427063 402208
97	<b>Areas of Adopted Green Belt</b> Authority: Barnsley Metropolitan Borough Council, Planning Department Plan Name: Proposal Map Status: <b>Adopted</b> Plan Date: 3rd January 2019	A13NW (NE)	0	7	427228 401997
98	<b>Nitrate Vulnerable Zones</b> Name: River Dearne Nvz Description: Surface Water Source: Environment Agency, Head Office	A19SW (NE)	718	2	427868 402414

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Environment Agency - Head Office Kirklees Metropolitan Borough Council - Planning Services Sheffield City Council - Environmental Protection Service	June 2025 November 2023 October 2017 October 2017	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - North East Region	April 2025	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - North East Region	March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - North East Region	January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - North East Region	April 2025	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Sheffield City Council - Environmental Protection Service Kirklees Metropolitan Borough Council - Environmental Health Department	April 2014 December 2020 January 2025	Variable Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Sheffield City Council - Environmental Protection Service Kirklees Metropolitan Borough Council - Environmental Health Department	April 2014 December 2020 January 2025	Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Kirklees Metropolitan Borough Council - Environmental Health Department Sheffield City Council - Environmental Protection Service	April 2014 January 2025 June 2014	Variable Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	April 2025	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - North East Region	December 1998	
<b>Historical Prosecutions</b> Environment Agency, North East Region	March 2013	Not Applicable
<b>Registered Radioactive Substances</b> Environment Agency - Head Office Environment Agency - North East Region	May 2023 May 2023	
<b>Substantiated Pollution Incident Register</b> Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2025 April 2025	Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - North East Region	April 2025	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - North East Region	October 2017	
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	As notified
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	As notified
<b>Source Protection Zones</b> Environment Agency - Head Office	September 2022	Bi-Annually
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	December 2023	As notified

Agency & Hydrological	Version	Update Cycle
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	December 2023	As notified
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	February 2023	
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	January 2024	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	August 2022	
<b>OS Water Network Lines</b> Ordnance Survey	April 2025	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	February 2016	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	As notified
<b>Water Framework Directive - Catchment</b> Environment Agency - Head Office	July 2024	Annually
<b>Water Framework Directive - Groundwater</b> Environment Agency - Head Office	July 2024	Annually

Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	As notified
<b>Historical Landfill Sites</b> Environment Agency - Head Office	April 2025	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - North East Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	May 2025 May 2025	Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2025 April 2025	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Kirklees Metropolitan Borough Council - Planning Services Sheffield City Council - Environmental Protection Service	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Kirklees Metropolitan Borough Council - Planning Services Sheffield City Council - Environmental Protection Service	October 2018 October 2018 October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	March 2006 March 2006	Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2018 April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	June 2015 June 2015	
Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	June 2025	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Kirklees Metropolitan Borough Council - Planning Services Sheffield City Council Peak District National Park - Development Control Barnsley Metropolitan Borough Council - Planning Department	August 2015 February 2016 February 2023 January 2016	Variable Variable Variable Variable
<b>Planning Hazardous Substance Consents</b> Kirklees Metropolitan Borough Council - Planning Services Peak District National Park - Development Control Sheffield City Council Barnsley Metropolitan Borough Council - Planning Department	August 2015 February 2016 February 2016 January 2016	Variable Variable Variable Variable

Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	As notified
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	As notified
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	April 2025	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	February 2023	
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	As notified
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	November 2024	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	November 2024	Annually
Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	March 2025	Quarterly
<b>Fuel Station Entries</b> Green Street Advisor (UK) Ltd	May 2025	Quarterly
<b>Points of Interest - Commercial Services</b> PointX	June 2025	Quarterly
<b>Points of Interest - Education and Health</b> PointX	June 2025	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	June 2025	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	June 2025	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	June 2025	Quarterly
<b>Underground Electrical Cables</b> National Grid	January 2024	

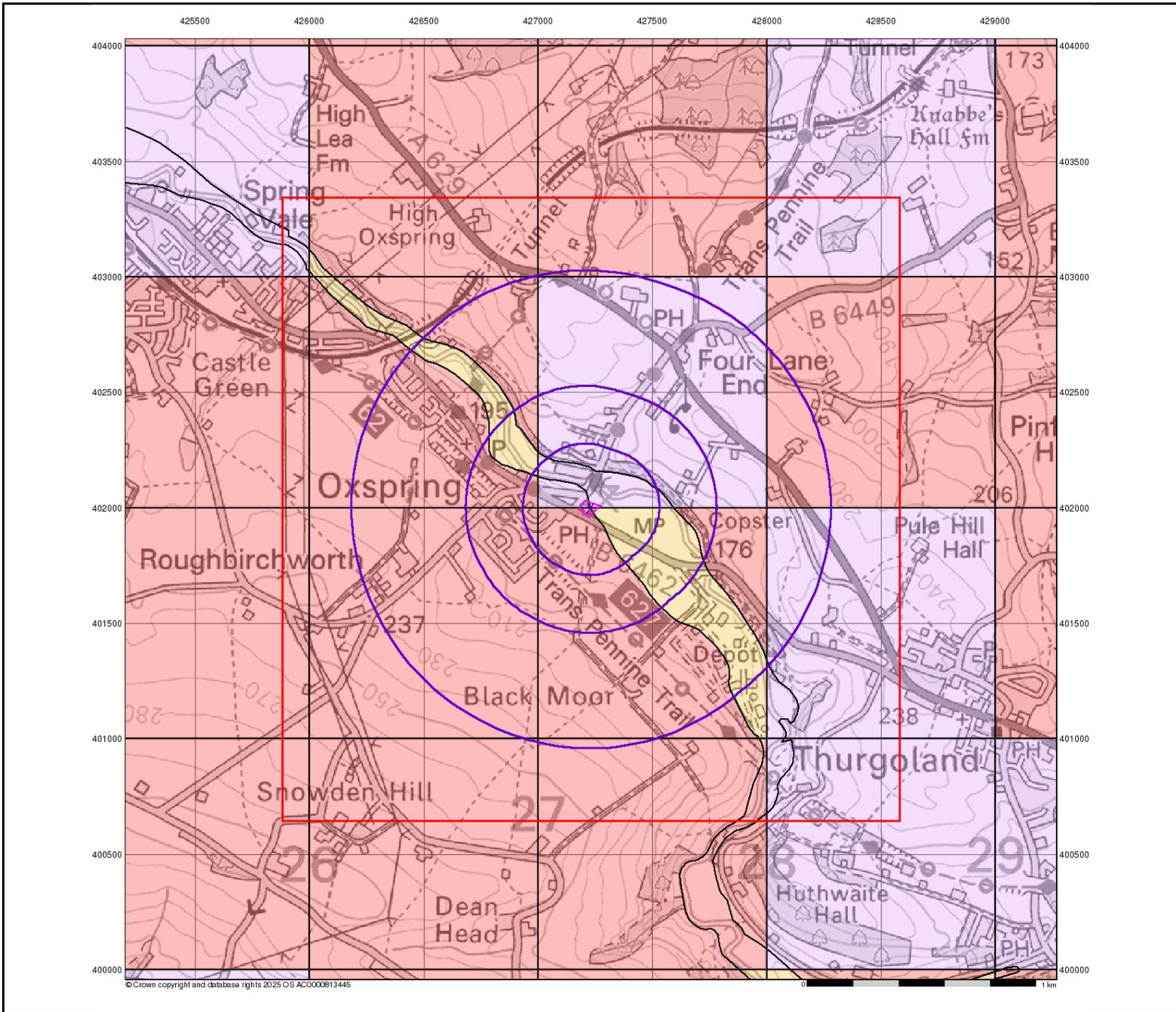
Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	March 2025	Bi-Annually
<b>Areas of Adopted Green Belt</b> Barnsley Metropolitan Borough Council - Planning Department Kirklees Metropolitan Borough Council Peak District National Park Sheffield City Council	July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly
<b>Areas of Unadopted Green Belt</b> Barnsley Metropolitan Borough Council - Planning Department Kirklees Metropolitan Borough Council Peak District National Park Sheffield City Council	July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	May 2025	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	August 2023	
<b>Forest Parks</b> Forestry Commission	May 2023	Not Applicable
<b>Local Nature Reserves</b> Natural England	March 2025	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	February 2025	Bi-Annually
<b>National Nature Reserves</b> Natural England	January 2025	Bi-Annually
<b>National Parks</b> Natural England	September 2024	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2023	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 November 2024	Annually
<b>Ramsar Sites</b> Natural England	February 2025	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	May 2025	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	January 2025	Bi-Annually
<b>Special Protection Areas</b> Natural England	May 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	 <b>British Geological Survey</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 <b>Centre for Ecology &amp; Hydrology</b> <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	<b>British Geological Survey - Enquiry Service</b> 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	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards</b> Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
4	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
6	<b>Health and Safety Executive</b> 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
7	<b>Barnsley Metropolitan Borough Council - Planning Department</b> Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
8	<b>The Coal Authority - Property Searches</b> 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
9	<b>PointX</b> 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
10	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> 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

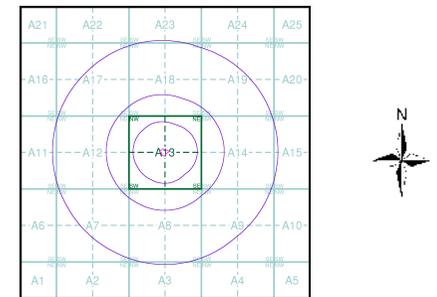
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

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

- Unproductive Aquifer
- Soluble Rock

### Site Sensitivity Context Map - Slice A



### Order Details

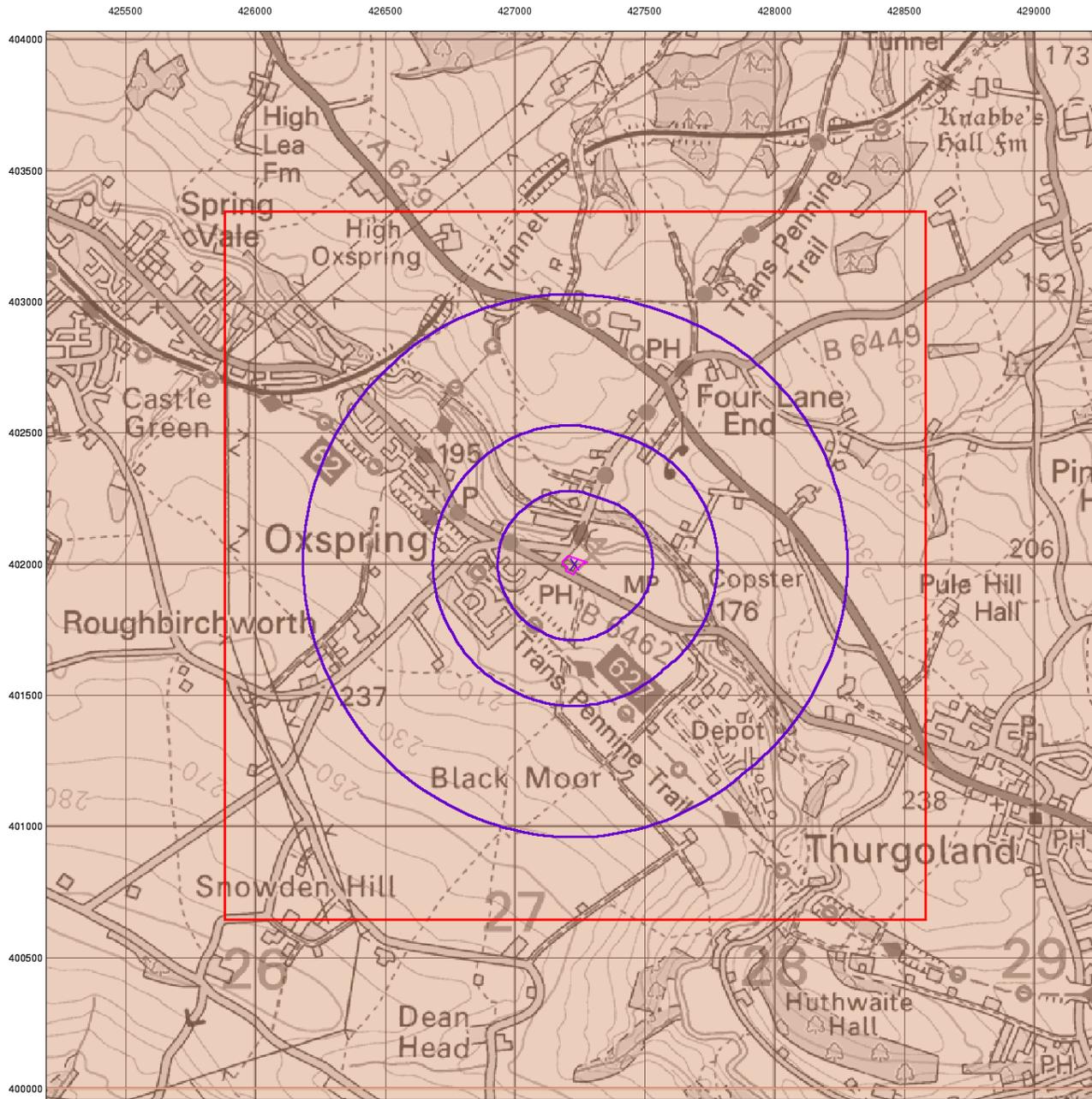
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 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000

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



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0 1 km

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## Bedrock Aquifer Designation

### General

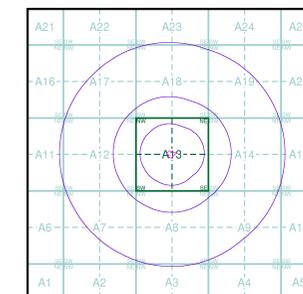
- ◆ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

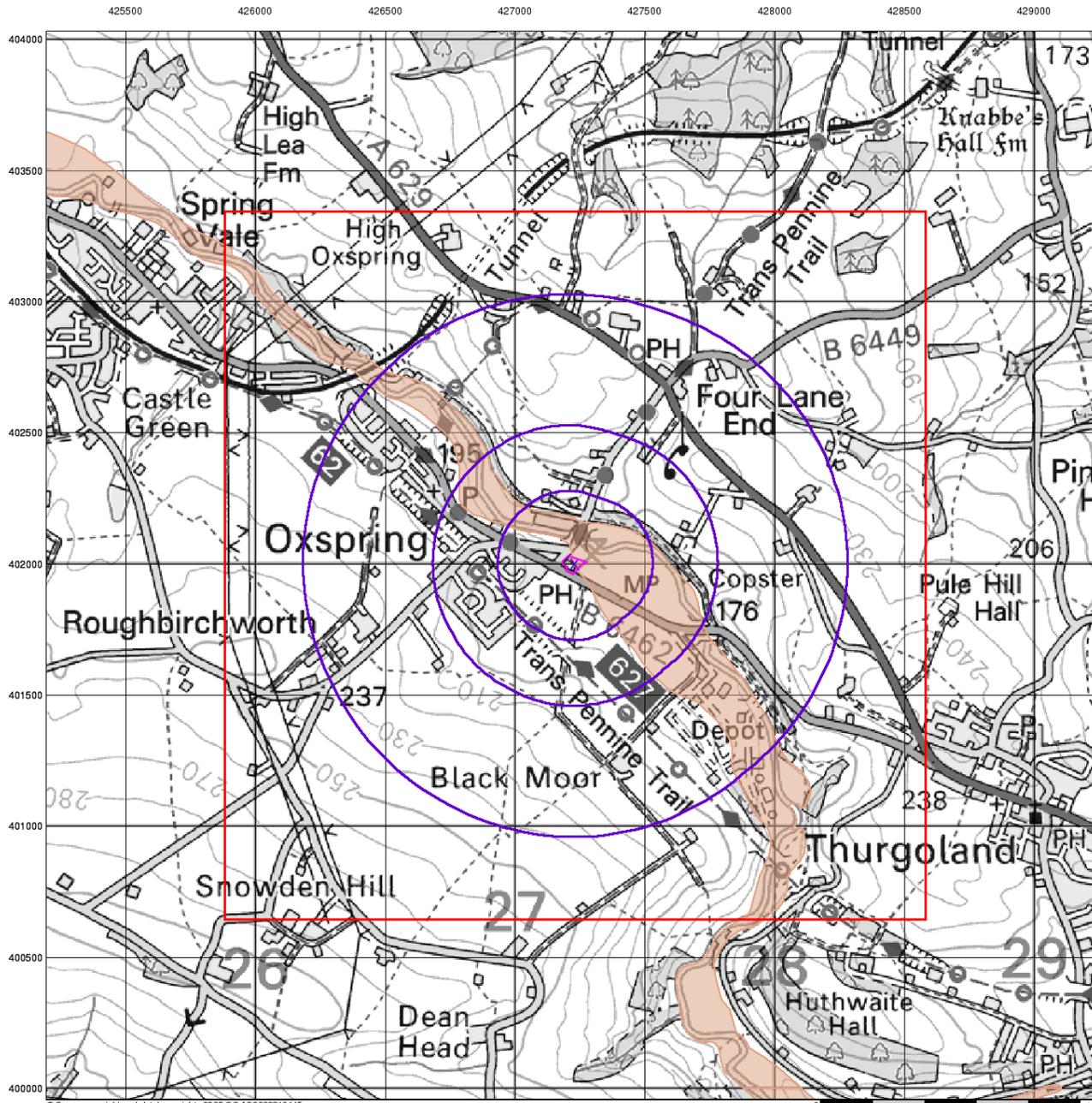
Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000

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## Superficial Aquifer Designation

### General

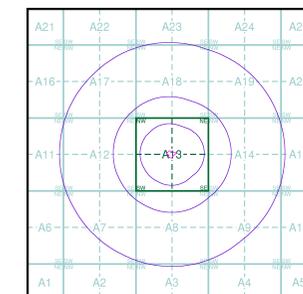
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### 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

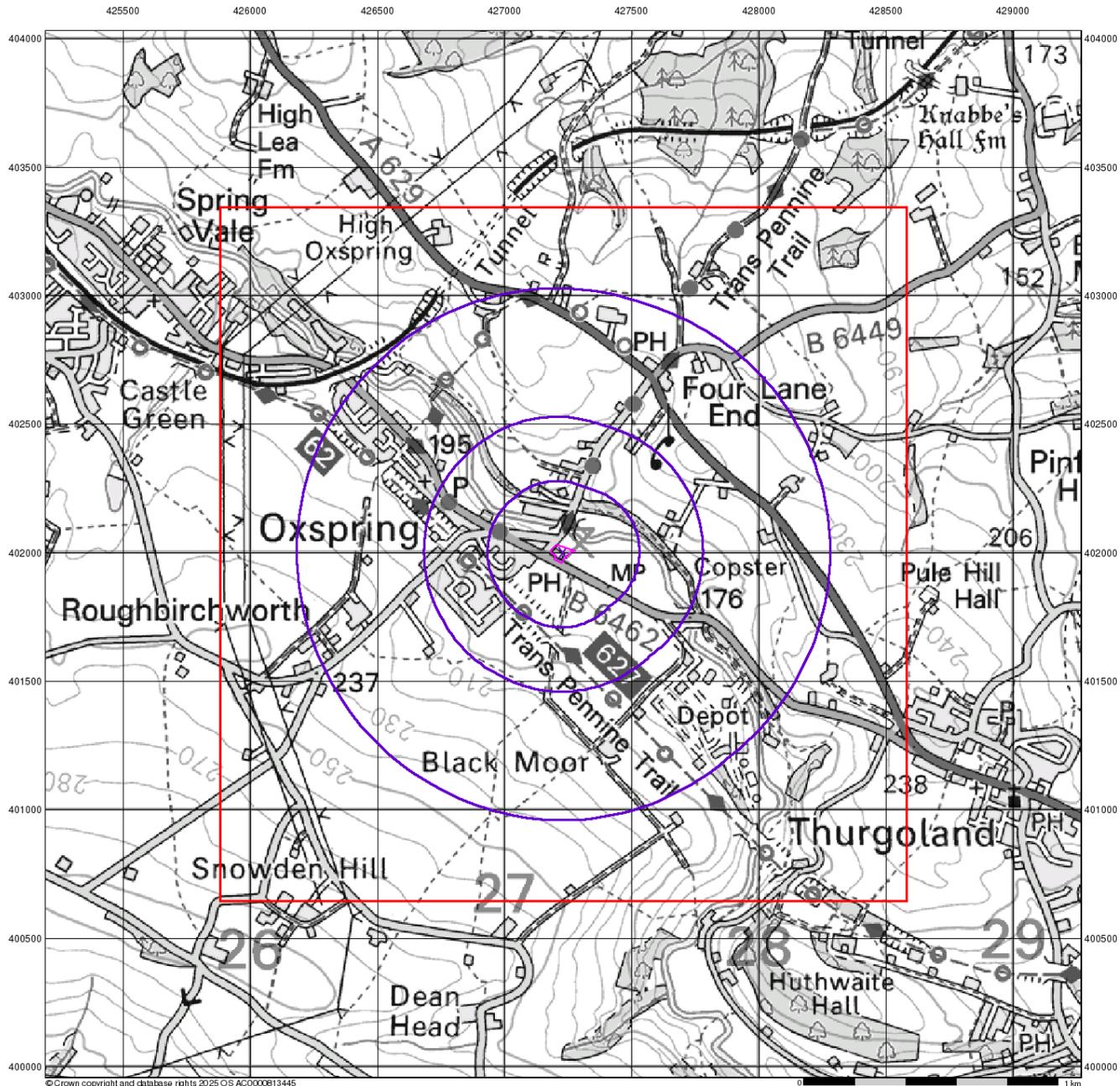
Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000

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 INFORMATION GROUP

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## Source Protection Zones

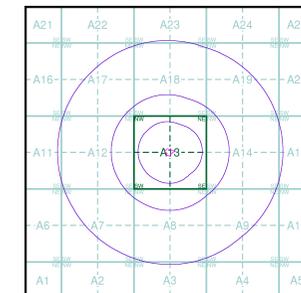
### General

- 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

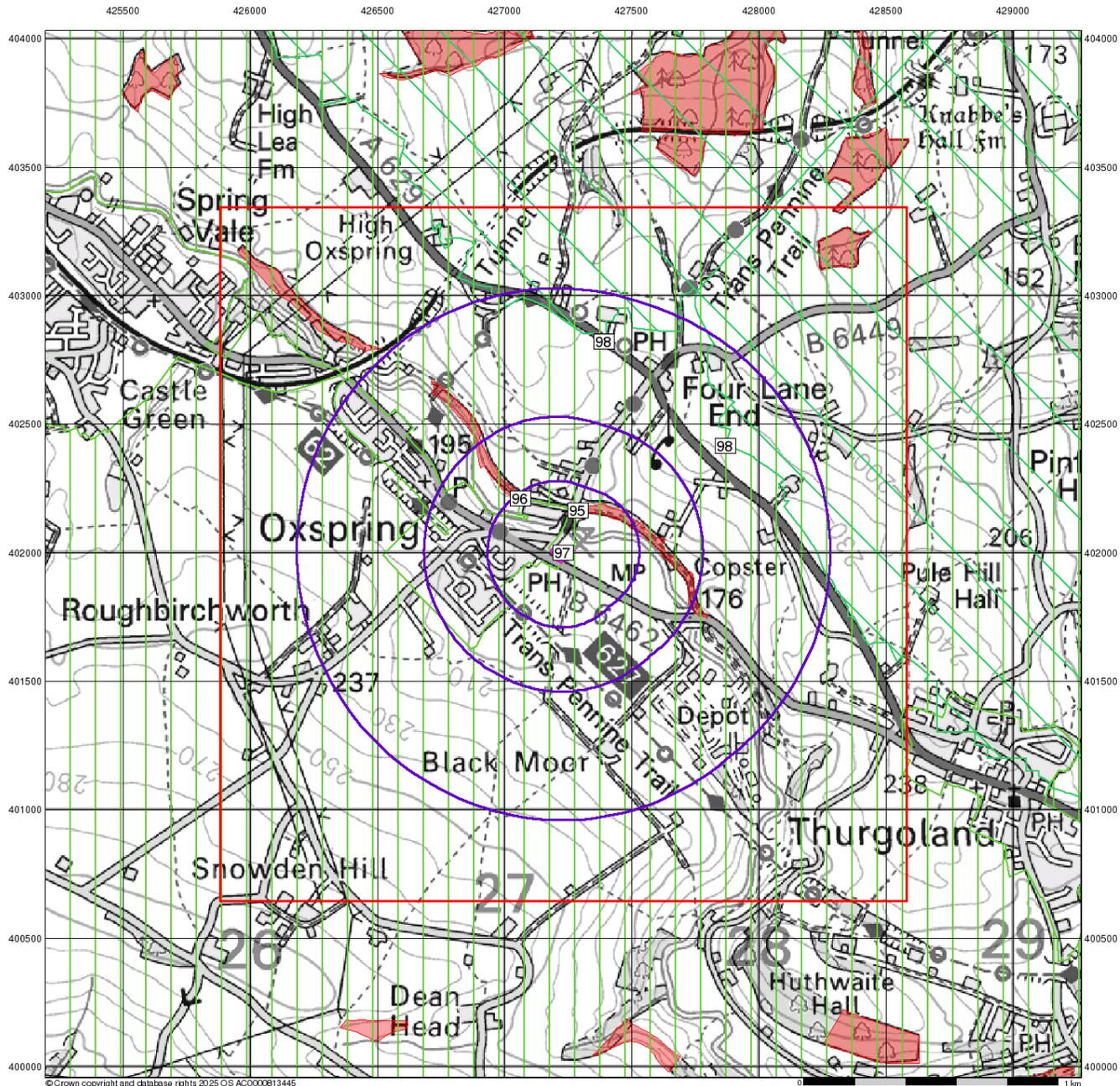
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 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
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### Site Details

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## Sensitive Land Uses

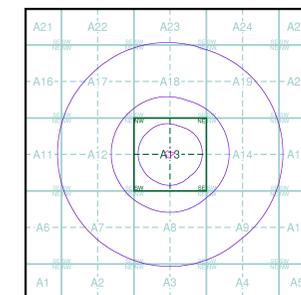
### General

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

### Sensitive Land Uses

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

### Site Sensitivity Context Map - Slice A



### Order Details

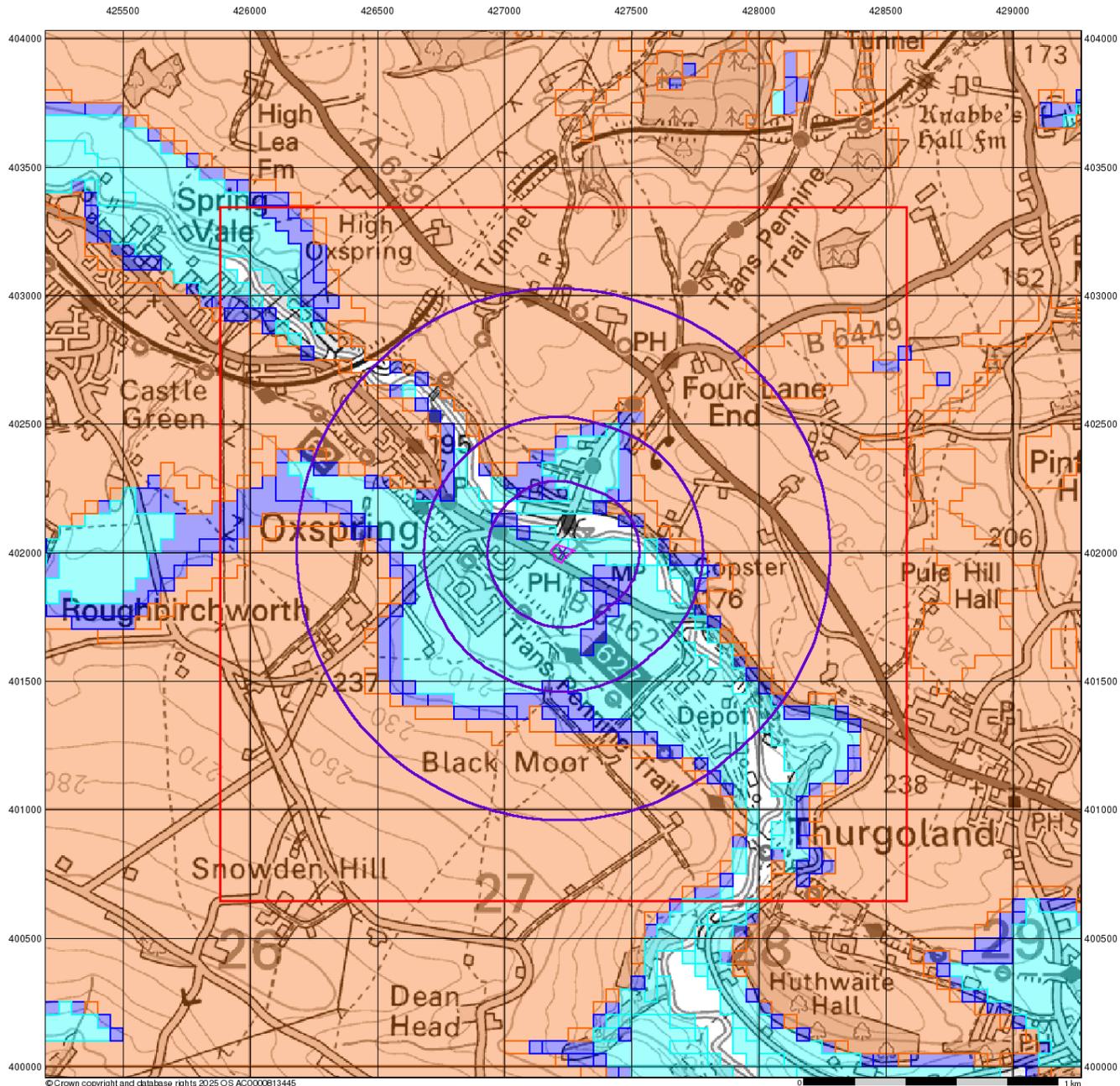
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 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000

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## BGS Flood GFS Data

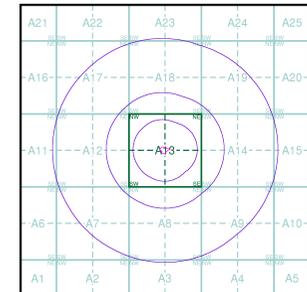
### General

- 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: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427230, 402000

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## Geology 1:50,000 Maps Legends

### Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

### Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay and Silt	Not Supplied - Holocene
	RTD2	River Terrace Deposits, 2	Sand and Gravel	Not Supplied - Quaternary
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	GR	Grenoside Sandstone	Sandstone	Not Supplied - Westphalian
	PLCM	Pennine Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	PF	Penistone Flags	Sandstone	Not Supplied - Westphalian
	PLCM	Pennine Lower Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	GM	Greenmoor Rock	Sandstone	Not Supplied - Westphalian
	SR	Silkstone Rock	Sandstone	Not Supplied - Westphalian
		Faults		
		Rock Segments		

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### Geology 1:50,000 Maps

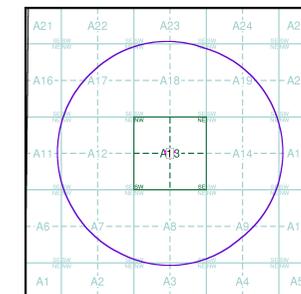
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

### Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	087
Map Name:	Barnsley
Map Date:	2008
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

### Geology 1:50,000 Maps - Slice A



### Order Details:

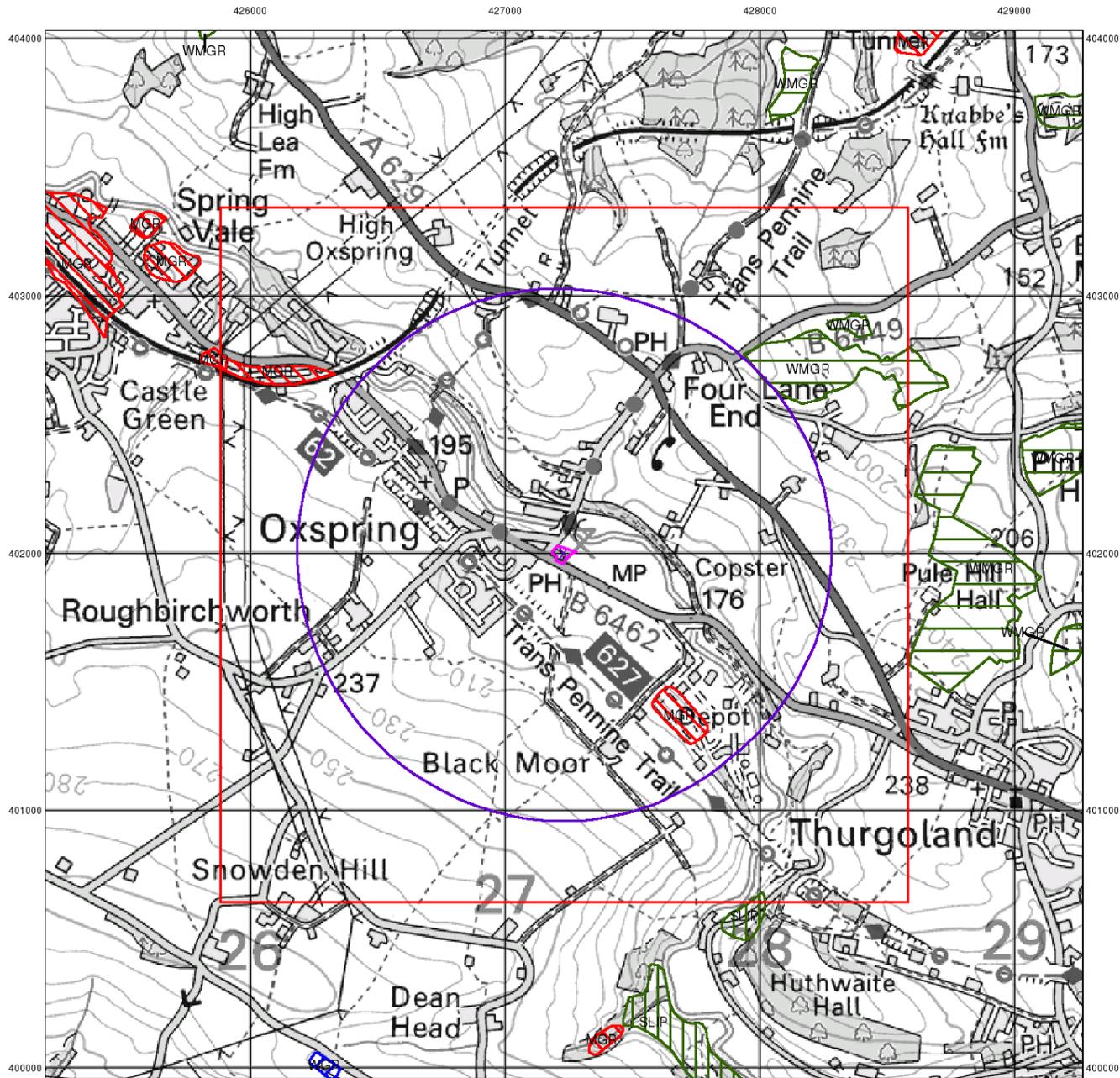
Order Number:	380100224_1_1
Customer Reference:	49679
National Grid Reference:	427230, 402000
Slice:	A
Site Area (Ha):	0.33
Search Buffer (m):	1000

### Site Details:

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## Artificial Ground and Landslip

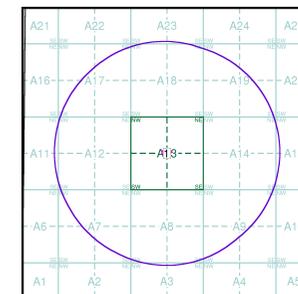
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

## Artificial Ground and Landslip Map - Slice A



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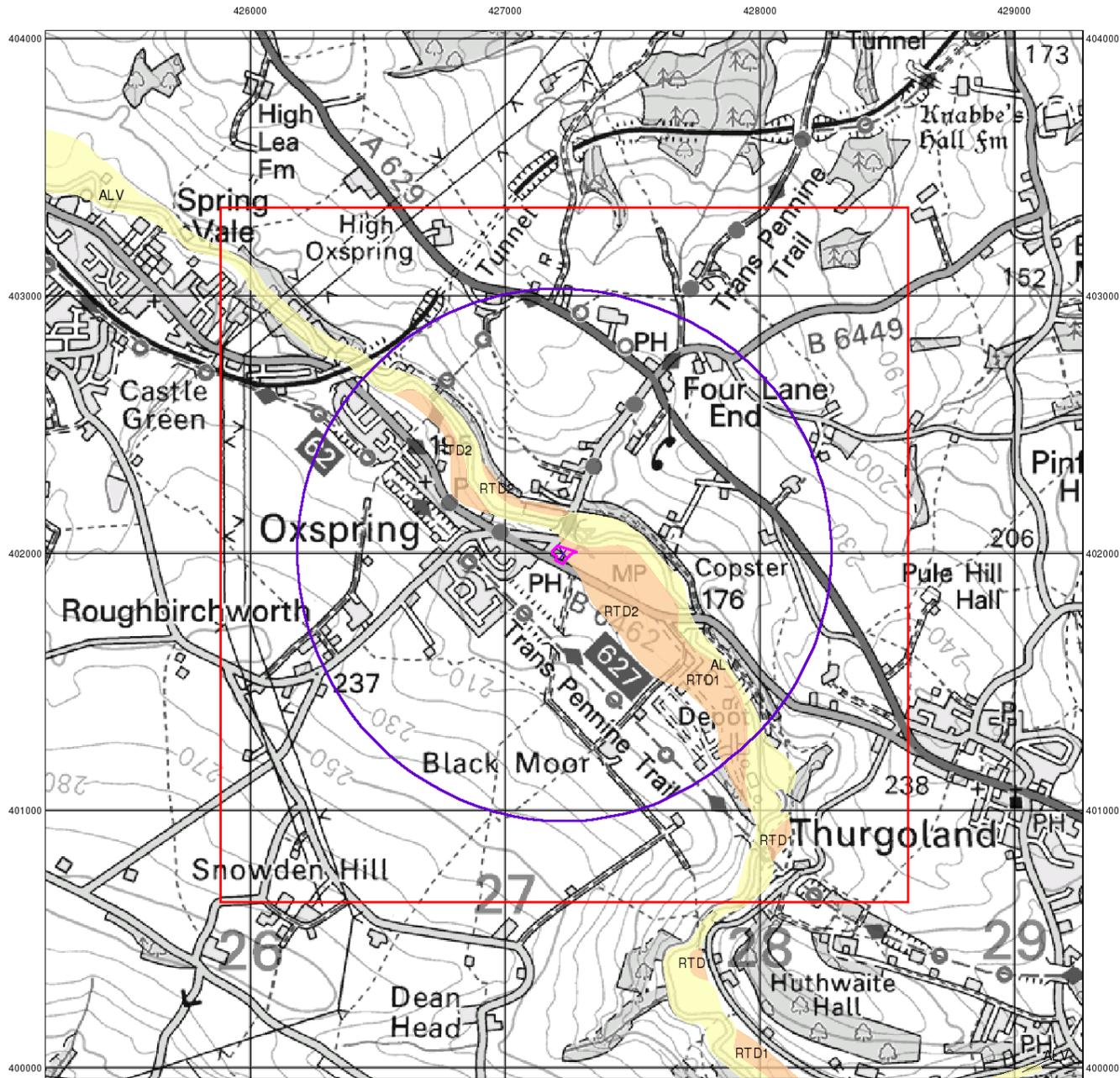
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 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details:

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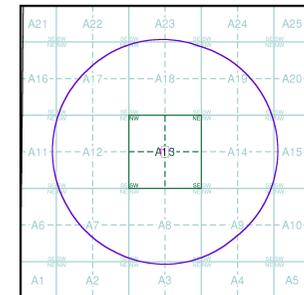
## Superficial Geology

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

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

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

## Superficial Geology Map - Slice A



### Order Details:

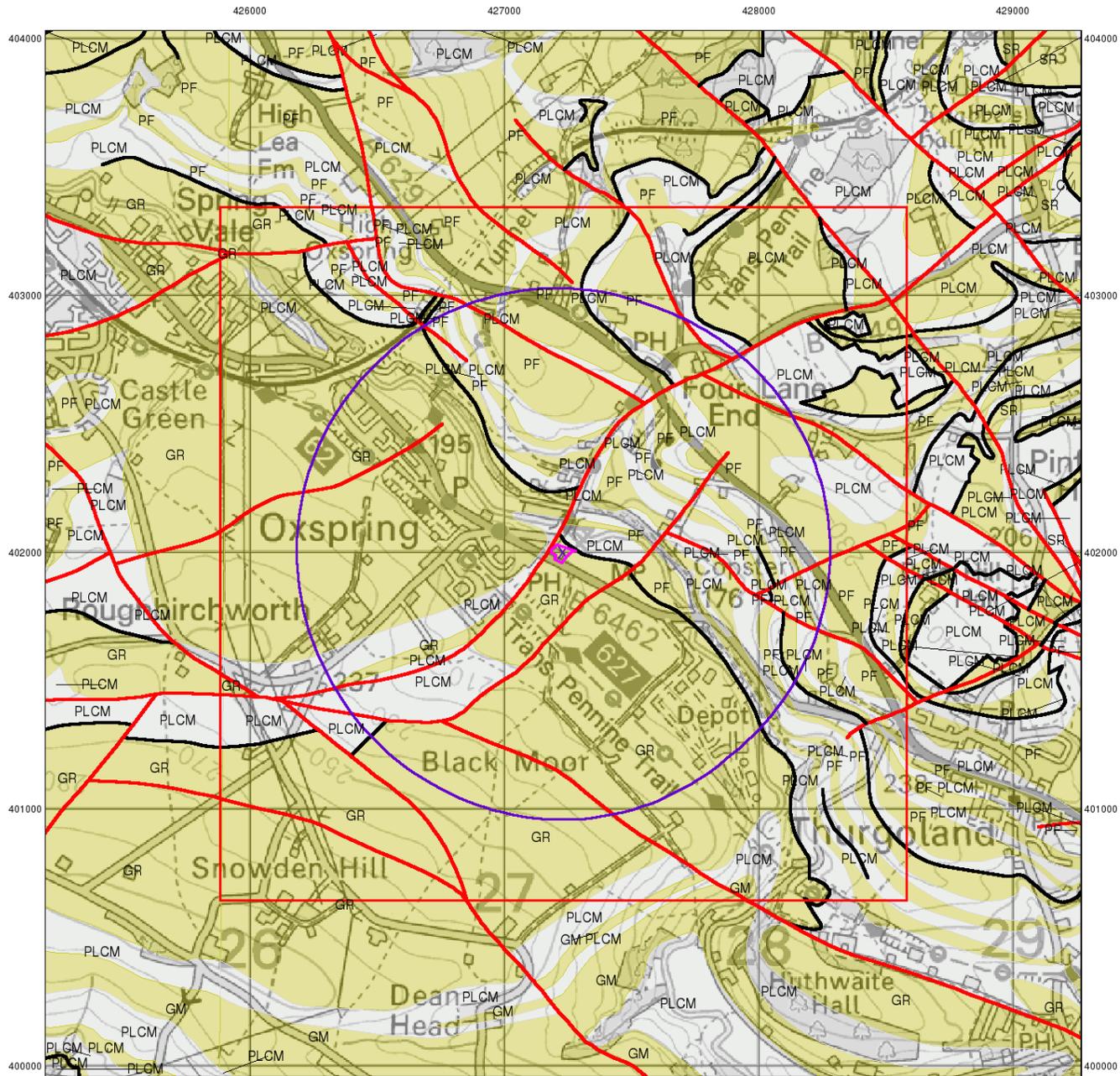
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 Site Area (Ha): 0.33  
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### Site Details:

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## Bedrock and Faults

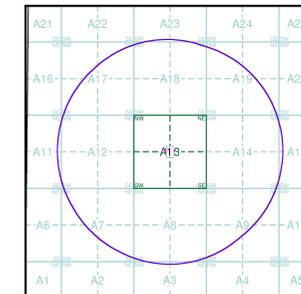
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

## Bedrock and Faults Map - Slice A



### Order Details:

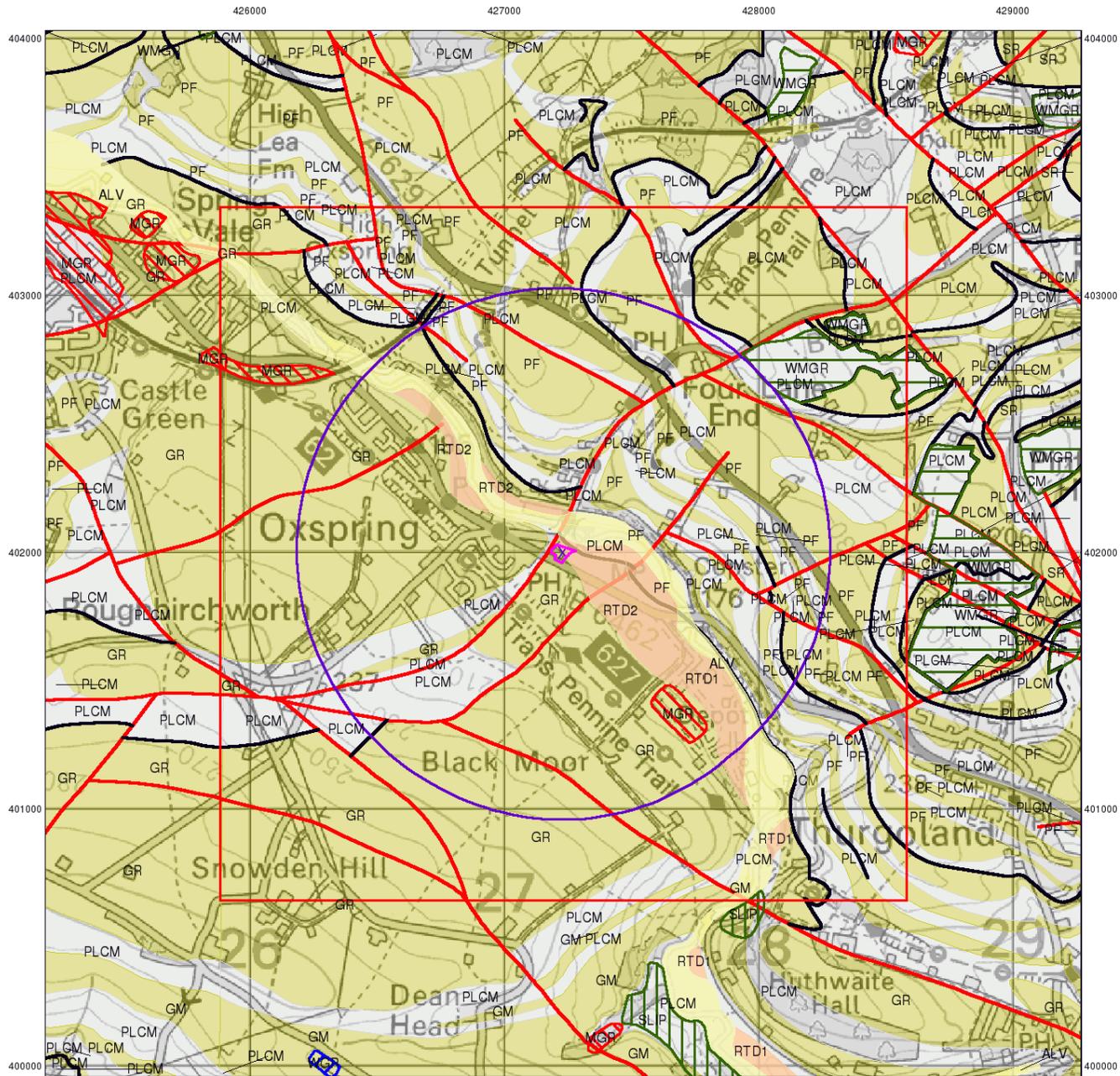
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 Customer Reference: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
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### Site Details:

Site at 427220, 402000

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## Combined Surface Geology

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

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

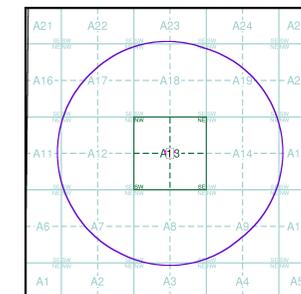
## Additional Information

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

## Contact

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

## Combined Geology Map - Slice A



## Order Details:

Order Number: 380100224\_1\_1  
 Customer Reference: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

## Site Details:

Site at 427220, 402000

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## General

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

## Agency and Hydrological

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

- Local Authority Pollution Prevention and Control Enforcement
- 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)
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- Potentially Infilled Land (Water)
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- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

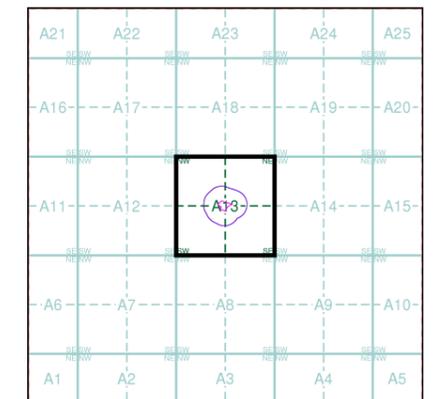
## Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement
- BGS Recorded Mineral Site

## Geological

- BGS Recorded Mineral Site

## Site Sensitivity Map - Segment A13

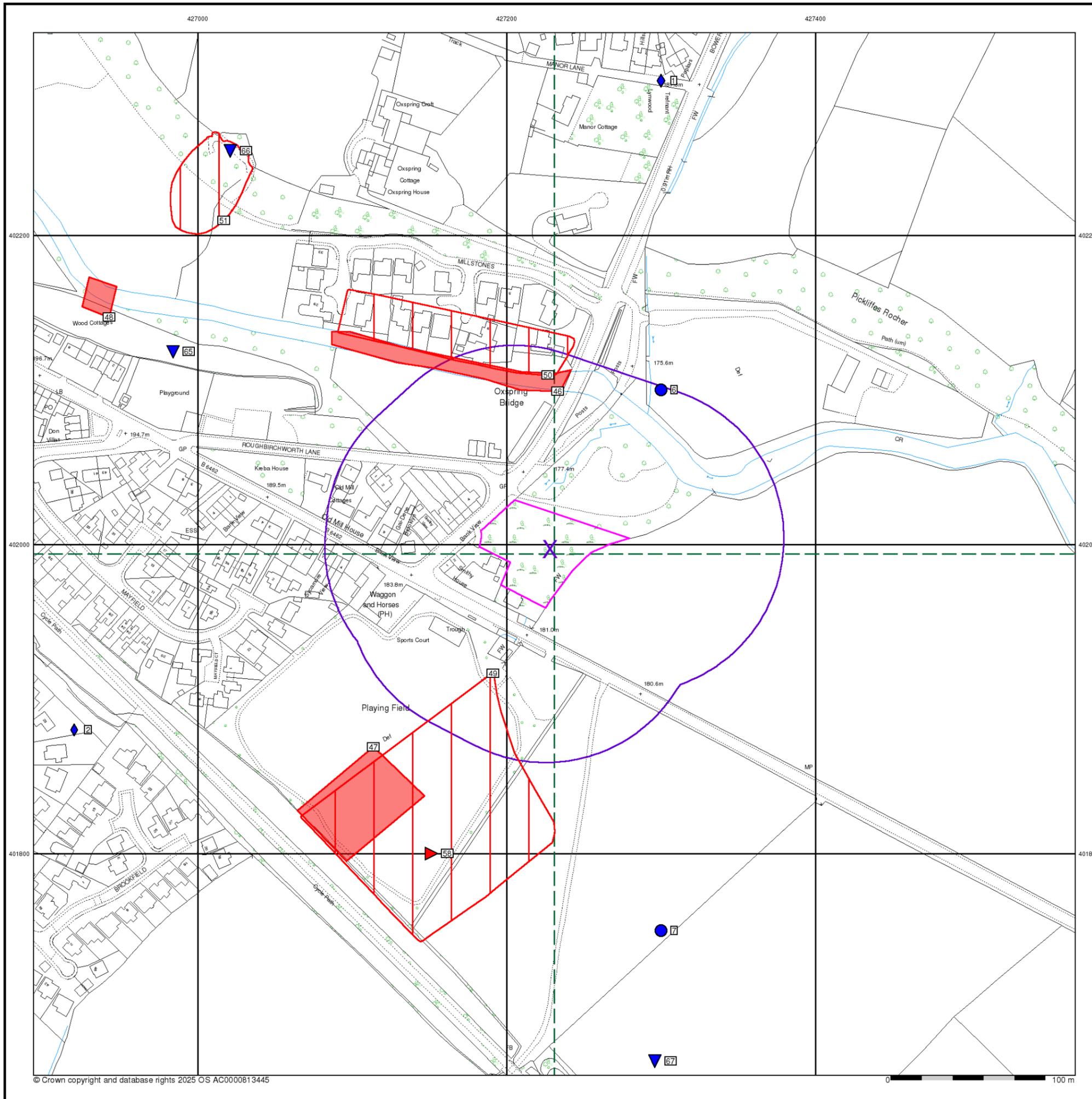


## Order Details

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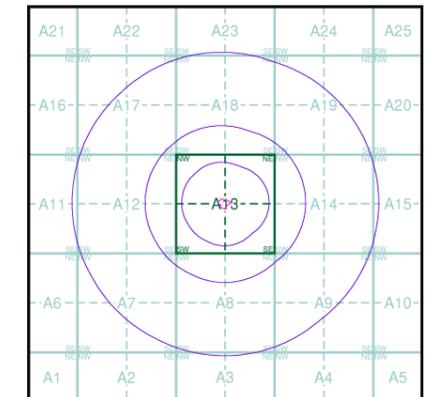
## Site Details

Site at 427220, 402000



- 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)
  - 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
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  - Prosecutions
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  - River Network or Water Feature
  - Substantiated Pollution Incident Register
  - Water Abstraction
  - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
  - EA Historic Landfill (Buffered Point)
  - EA Historic Landfill (Polygon)
  - Integrated Pollution Control Registered Waste Site
  - Licensed Waste Management Facility (Landfill Boundary)
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  - Potentially Infilled Land (Water)
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  - Registered Landfill Site (Point Buffered to 250m)
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  - Registered Waste Transfer Site
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  - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
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  - 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

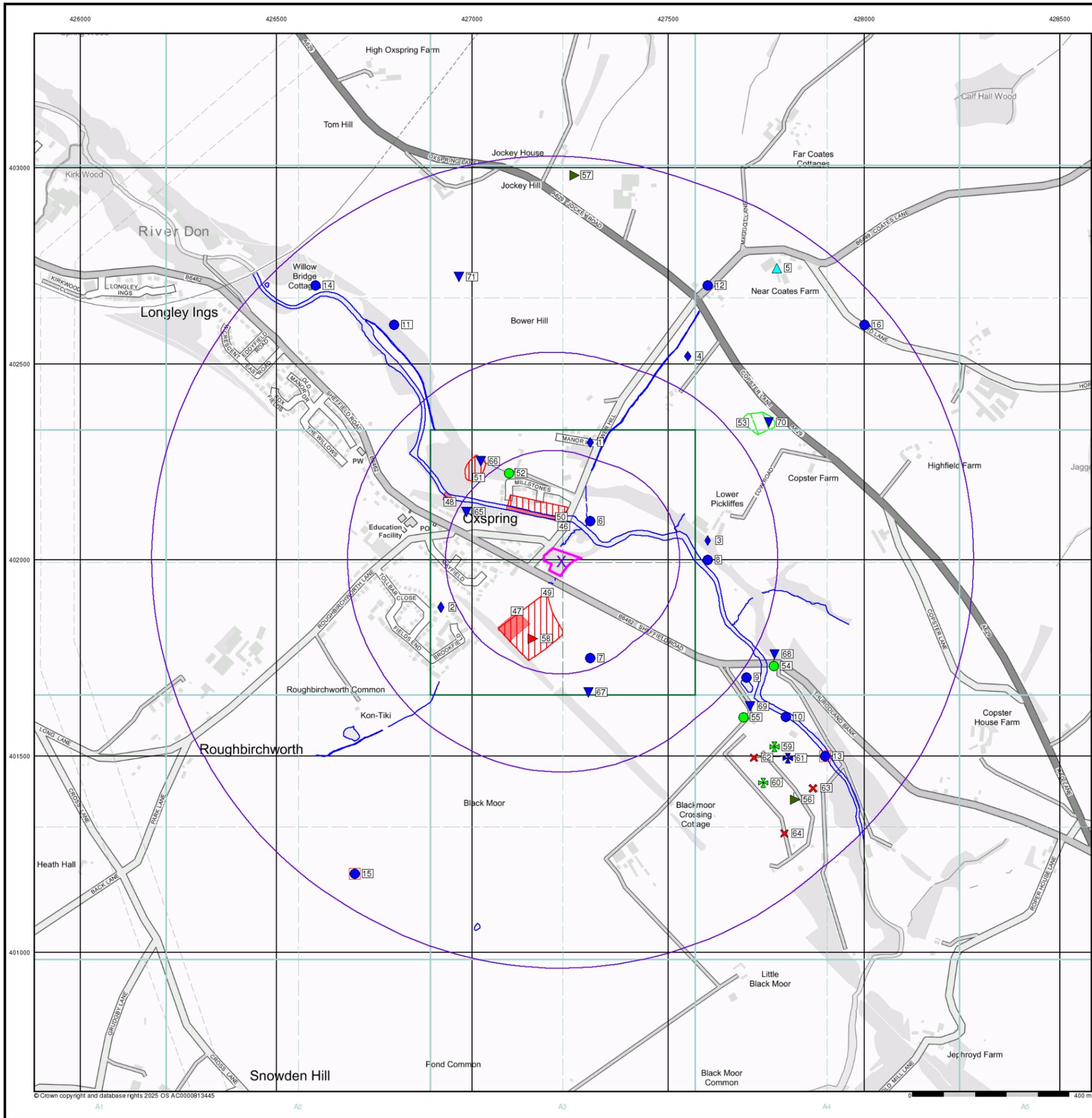


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 Customer Ref: 49679  
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 Search Buffer (m): 1000

## Site Details

Site at 427220, 402000



## Industrial Land Use Map

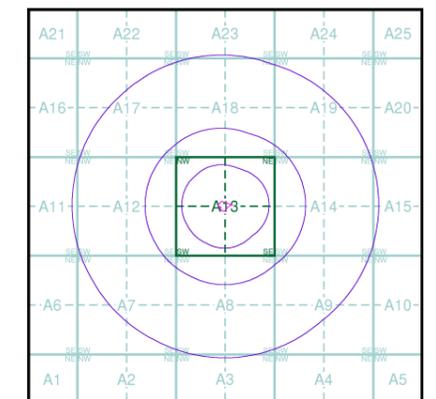
### General

-  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

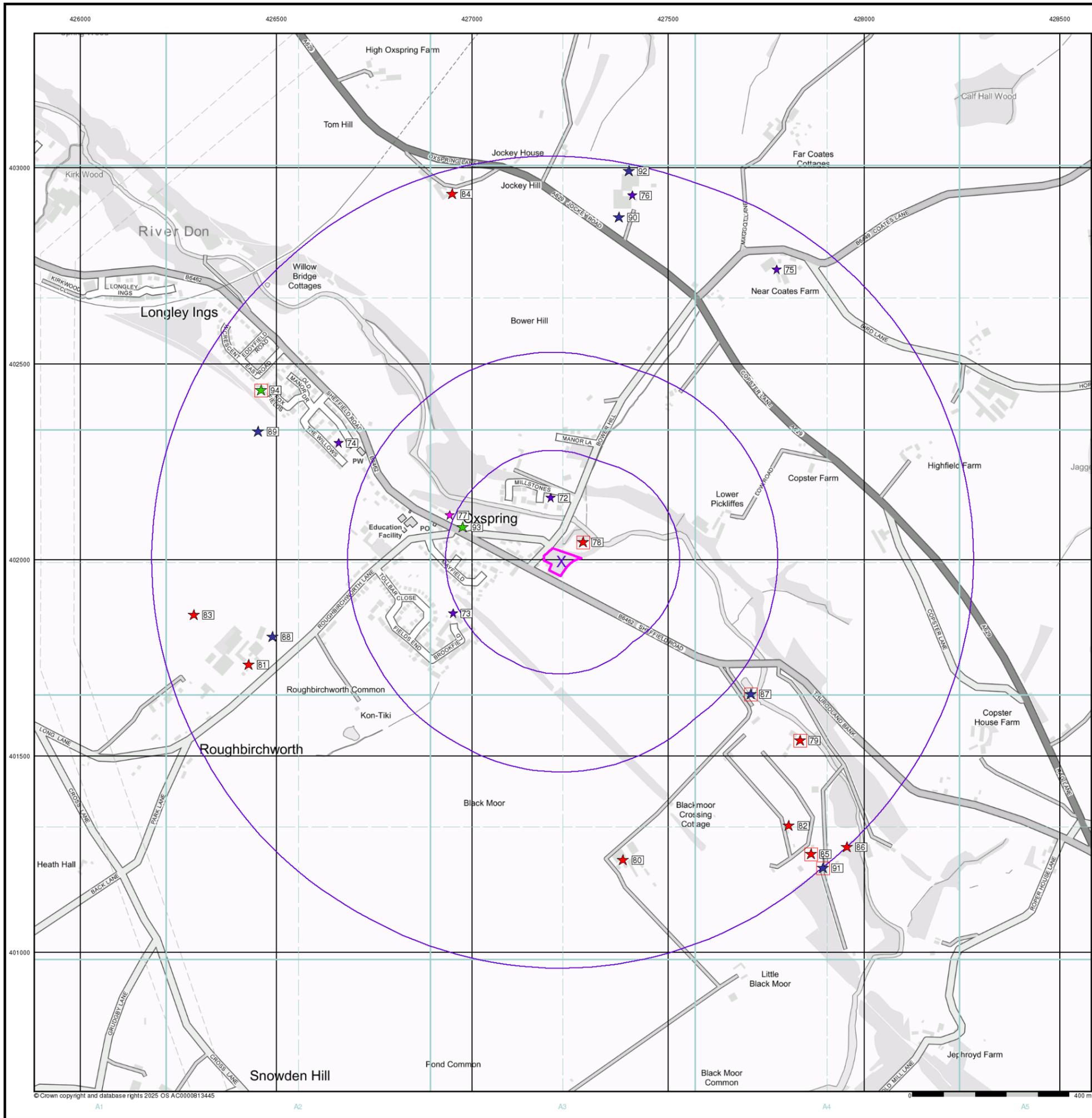


### Order Details

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 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000



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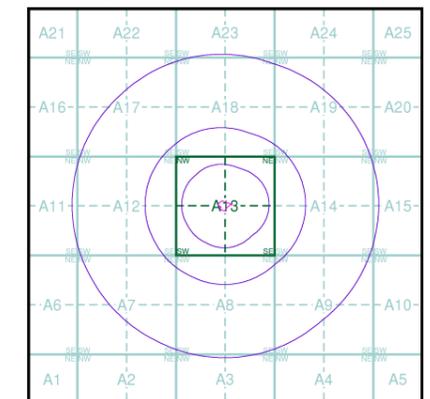
### General

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

### Agency and Hydrological (Flood)

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

### Flood Map - Slice A

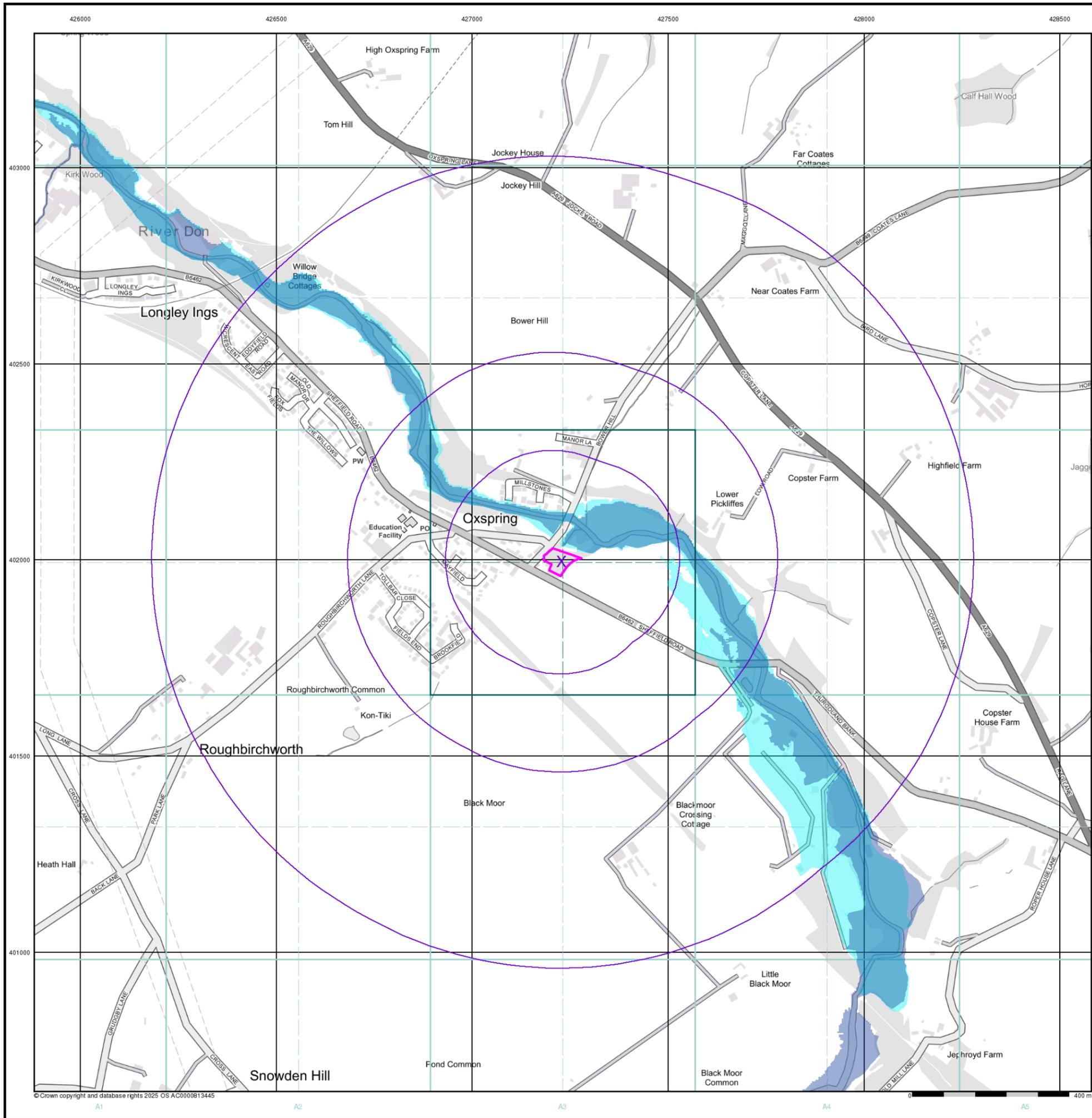


### Order Details

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 Customer Ref: 49679  
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 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000



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### General

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

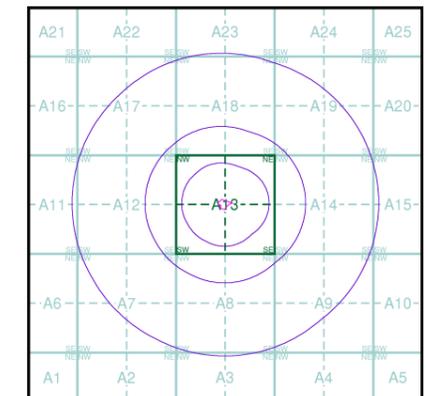
### Agency and Hydrological (Boreholes)

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

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

A copy of the BGS Borehole Ordering Form is available to download from the Support section of [www.envirocheck.co.uk](http://www.envirocheck.co.uk).

### Borehole Map - Slice A

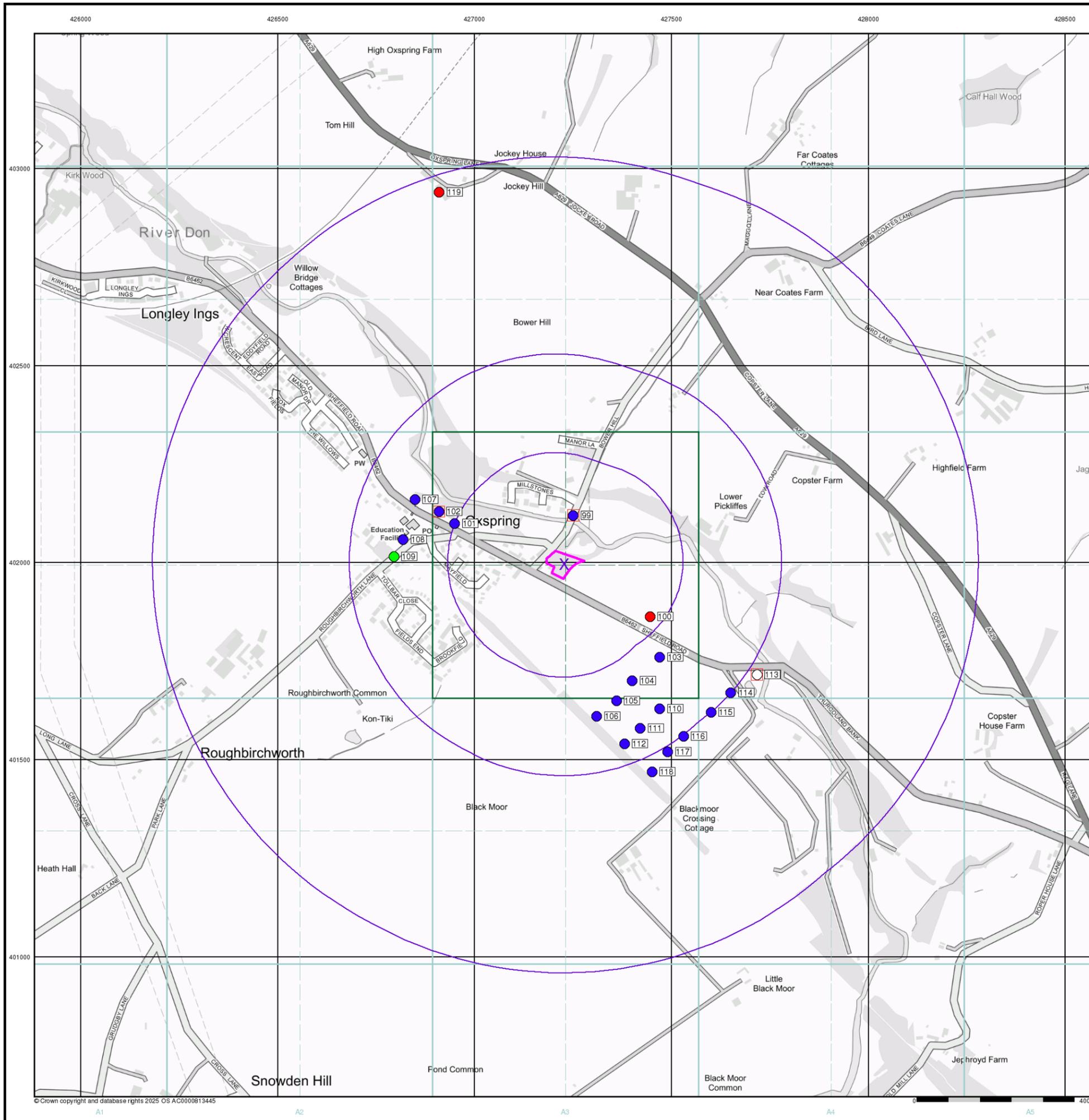


### Order Details

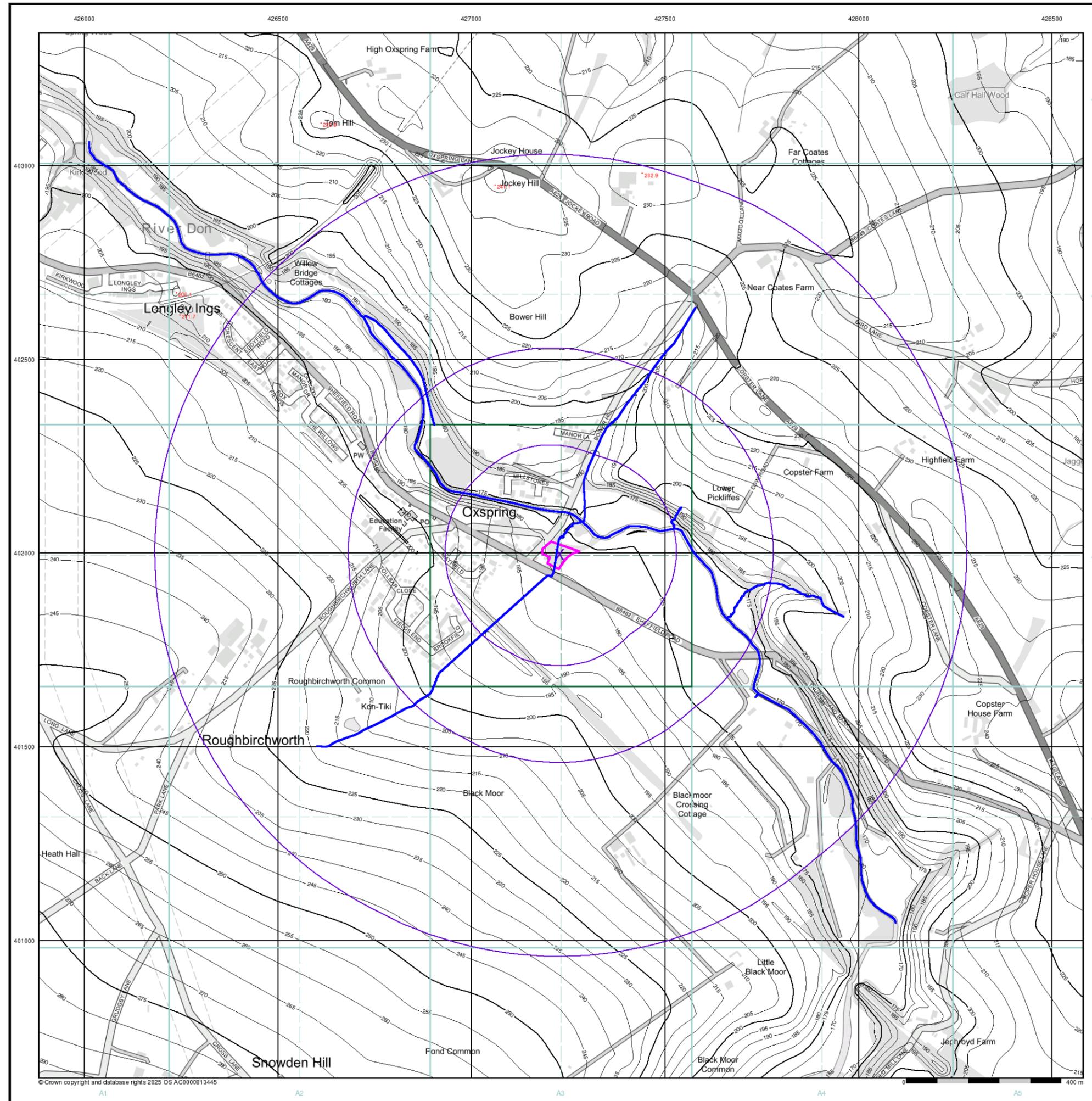
Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000



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### General

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

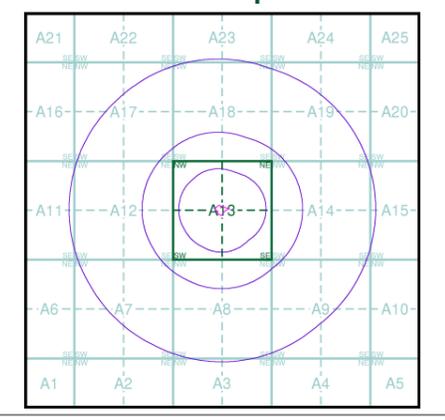
### OS Water Network Data

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

### OS Water Network Map - Slice A



### Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000

### 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

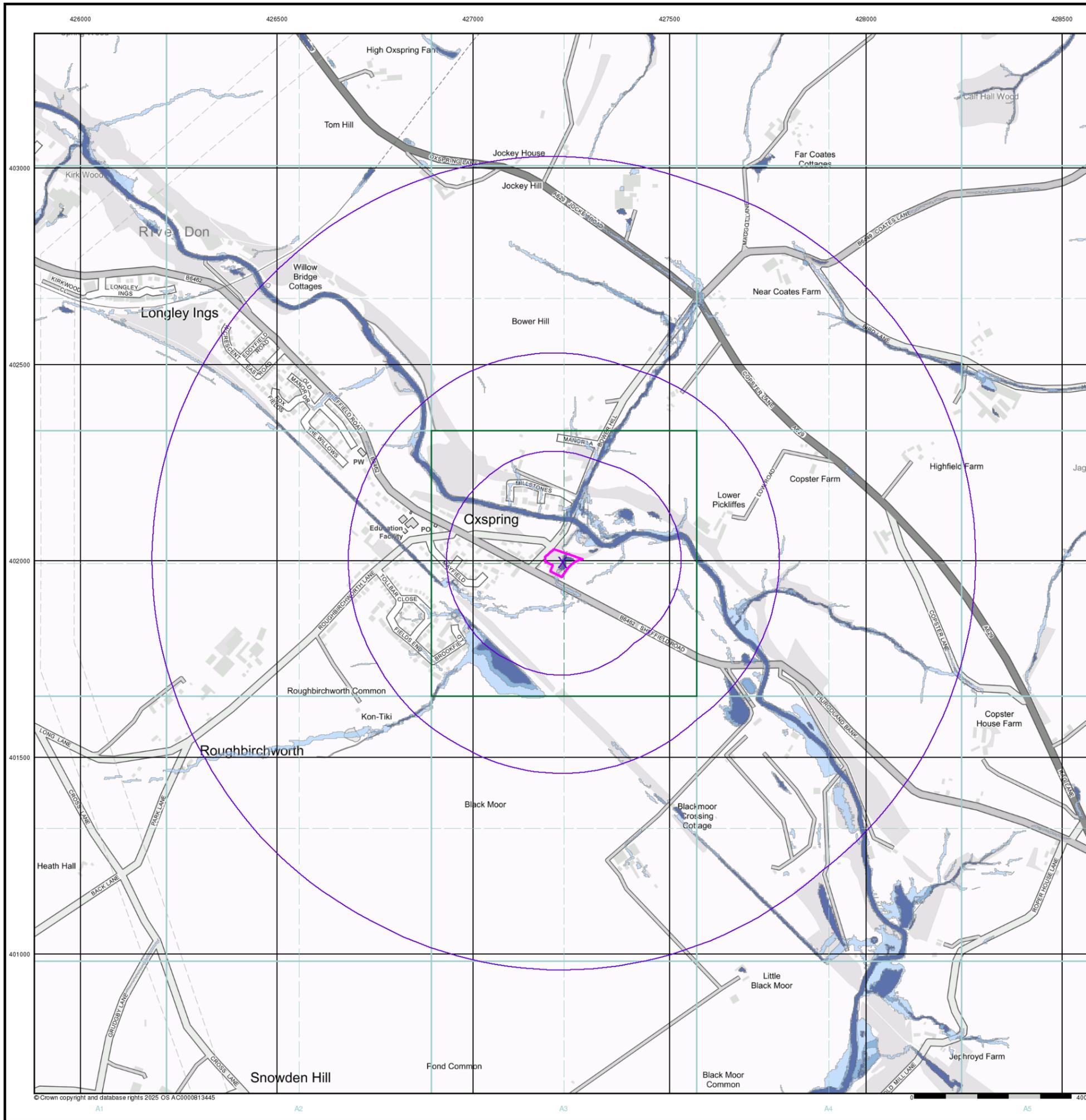


### Order Details

Order Number: 380100224\_1\_1  
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 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000



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## WFD Surface Waters Map

### General

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

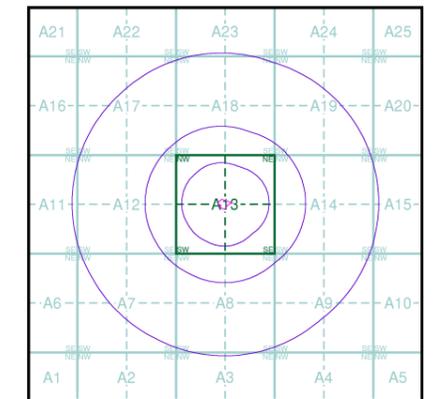
### Water Framework Directive - Surface Water Quality

-  High
-  Good
-  Moderate
-  Poor
-  Bad

### Contours (height in meters)

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

### WFD Surface Waters Map - Slice A

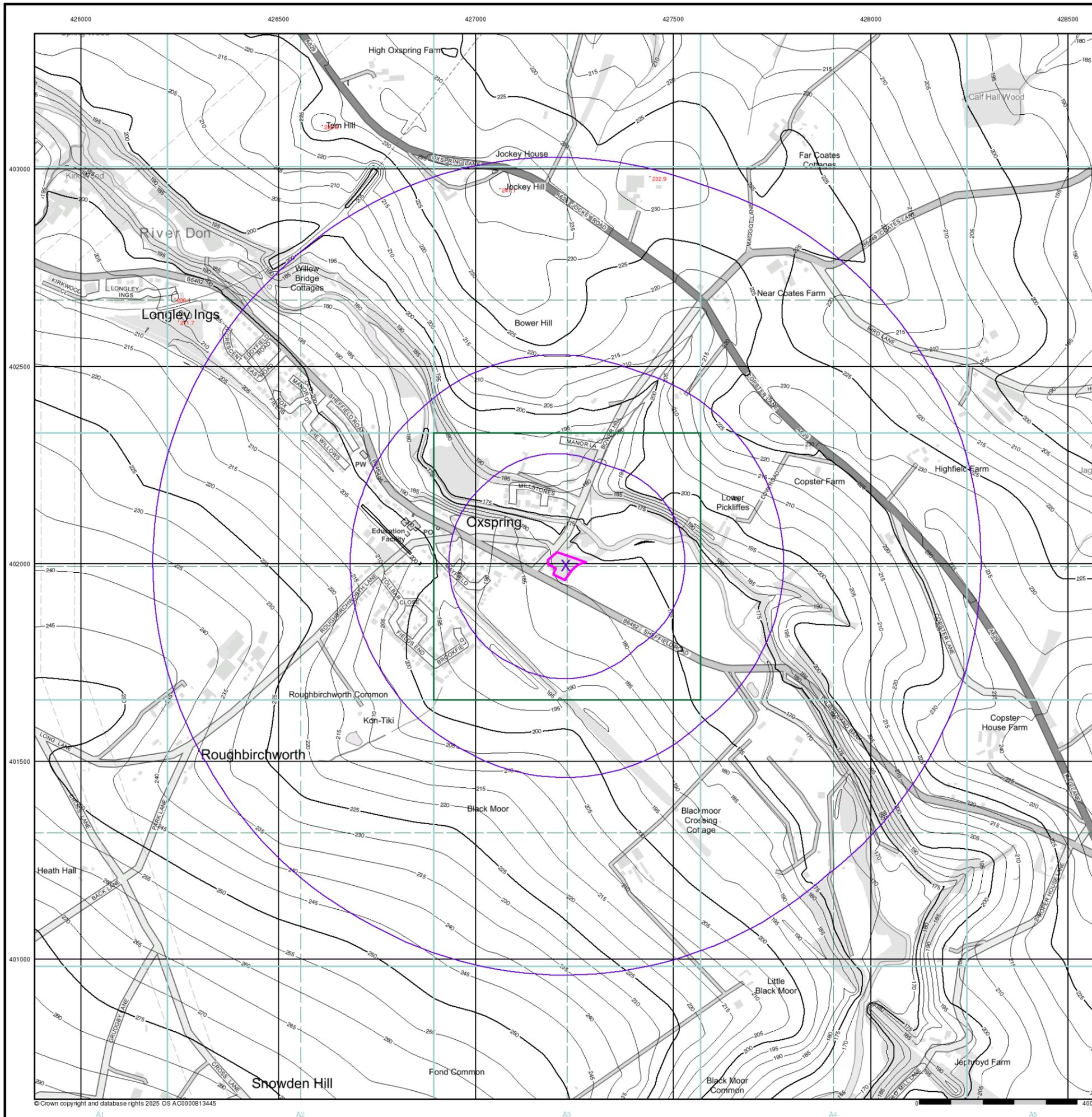


### Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000

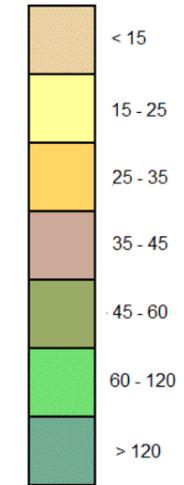


## General

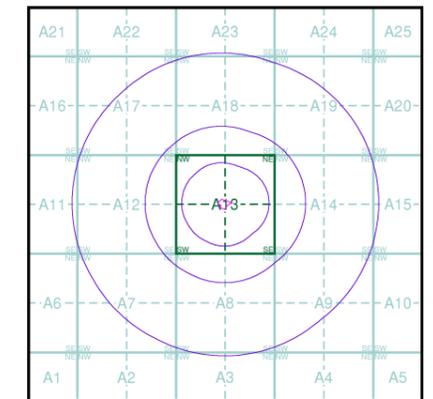
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

## Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



## Estimated Soil Chemistry Arsenic - Slice A

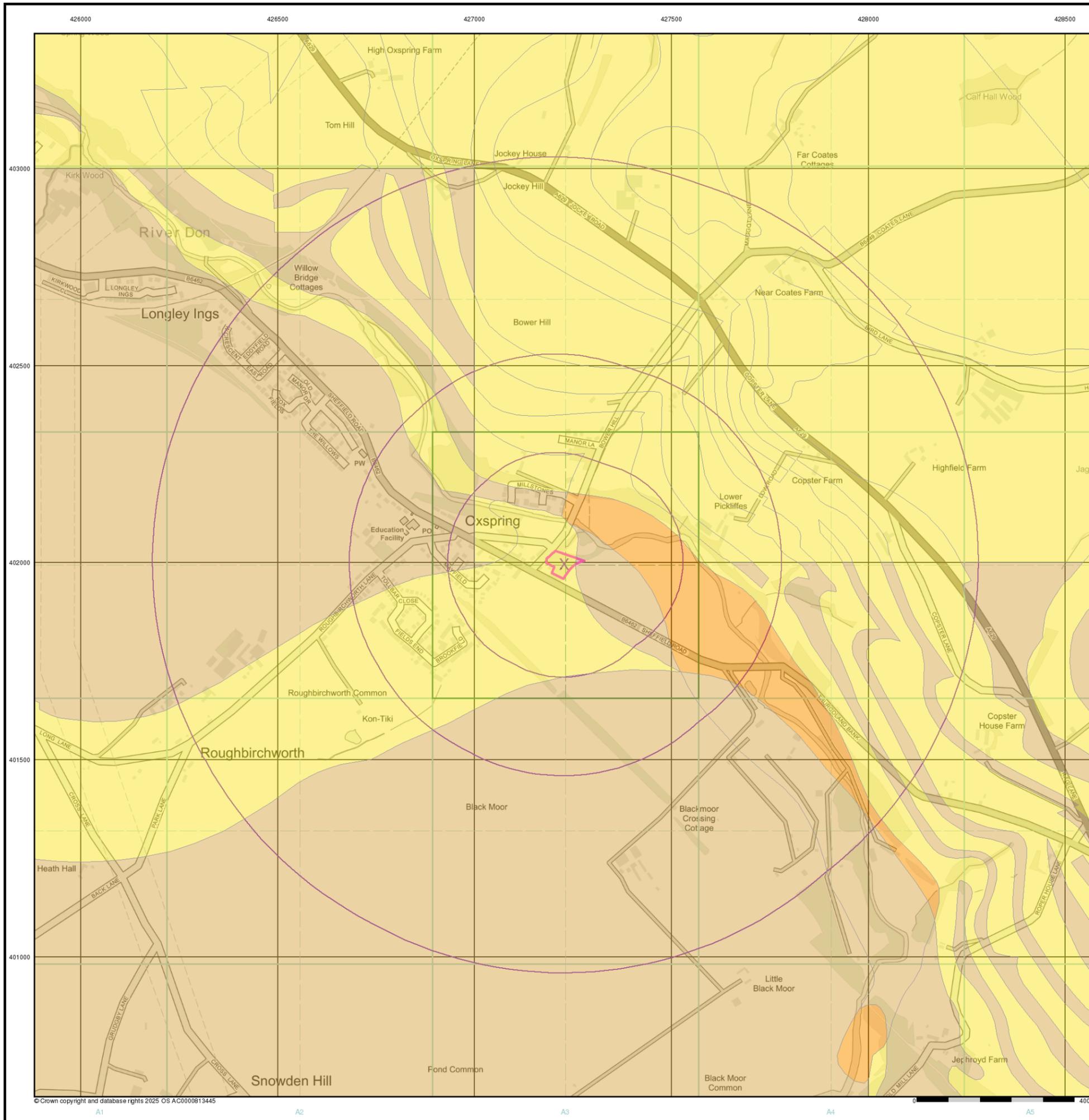


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 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

## Site Details

Site at 427220, 402000



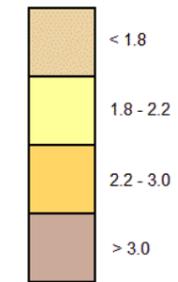
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## General

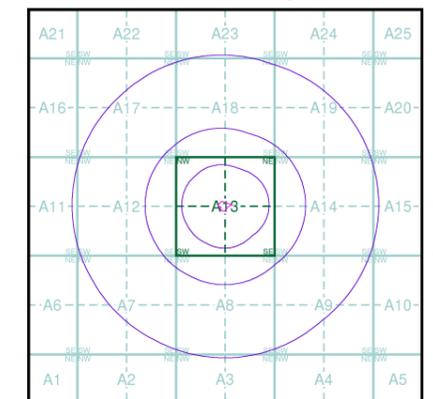
○ Specified Site    
 ○ Specified Buffer(s)    
 ✕ Bearing Reference Point

## Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



## Estimated Soil Chemistry Cadmium - Slice A

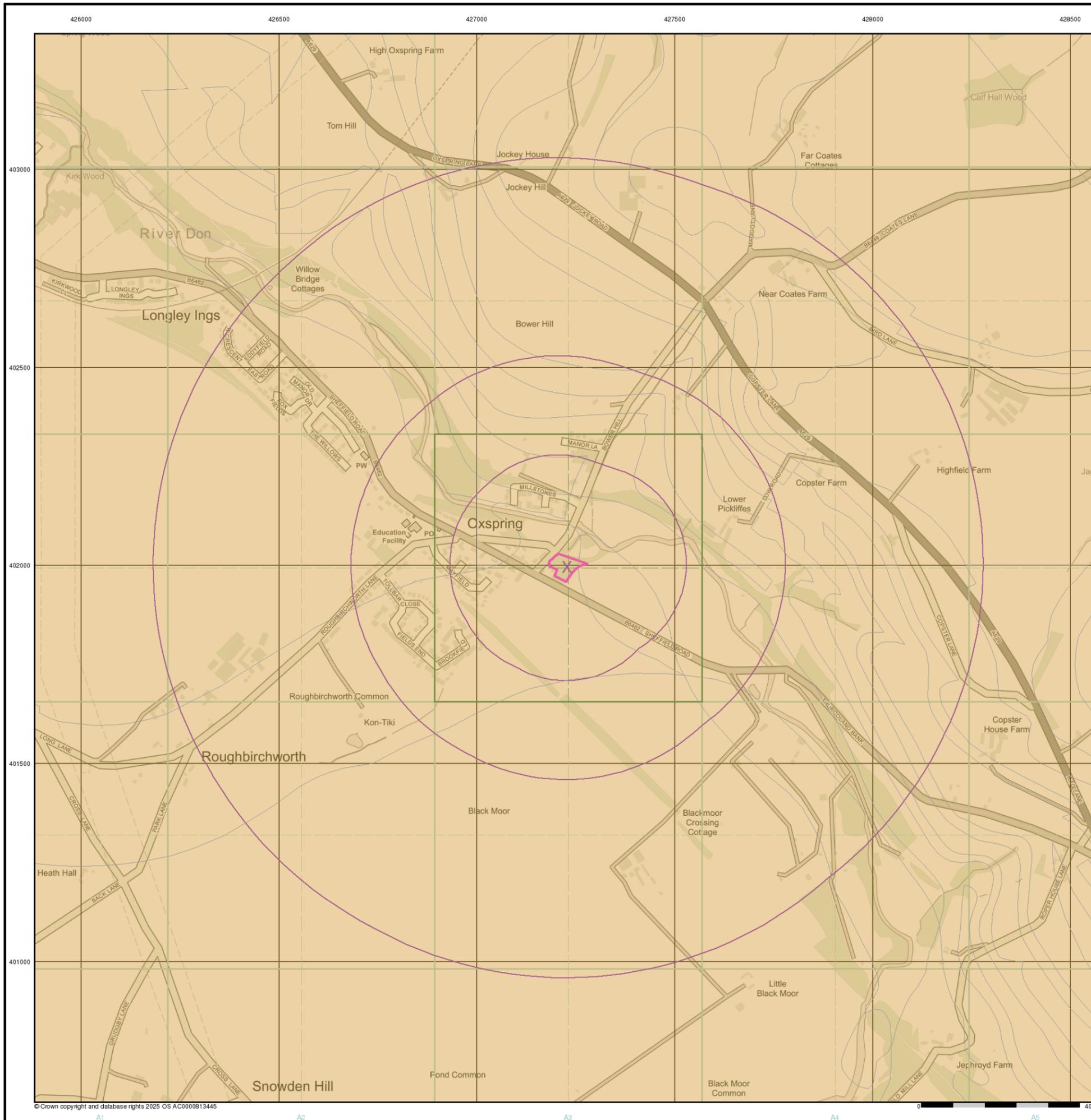


## Order Details

Order Details: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

## Site Details

Site at 427220, 402000



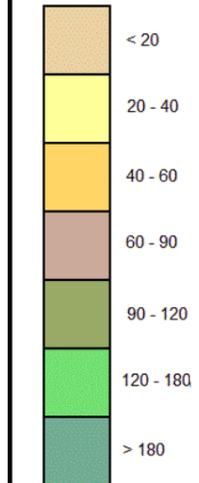
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## General

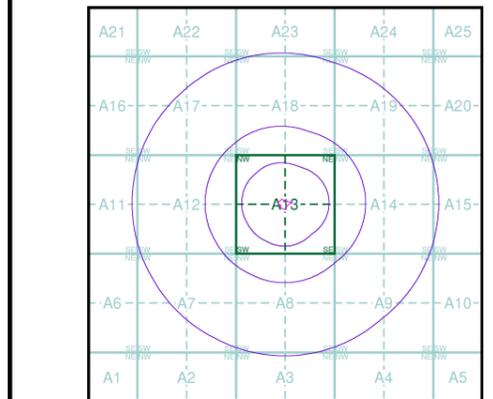
○ Specified Site    
 ○ Specified Buffer(s)    
 ✕ Bearing Reference Point

## Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



## Estimated Soil Chemistry Chromium - Slice A

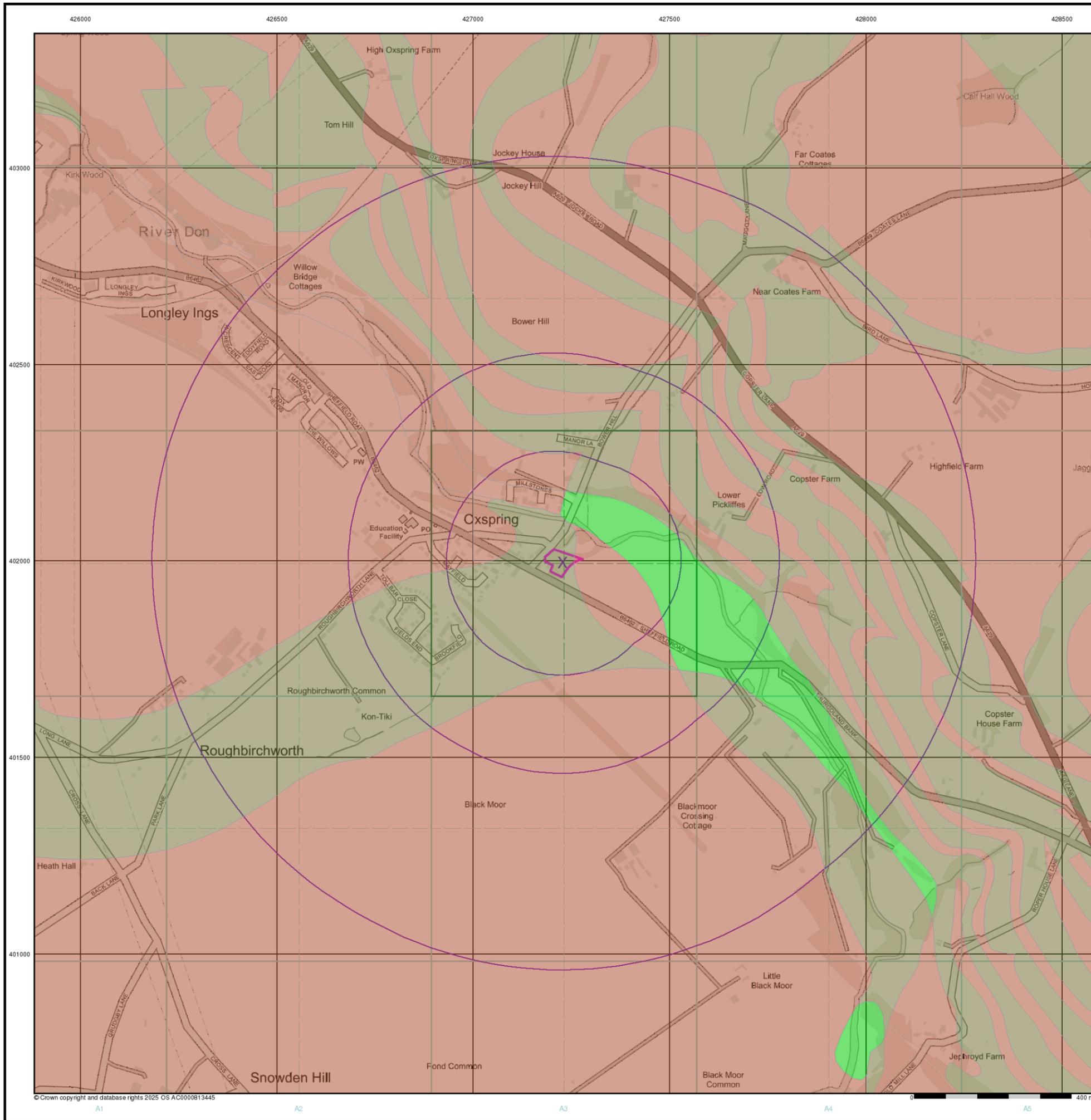


## Order Details

Order Details: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

## Site Details

Site at 427220, 402000



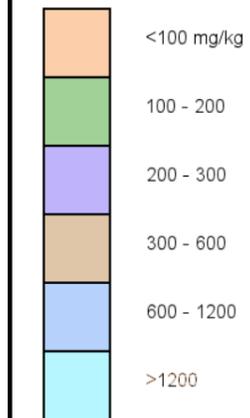
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## General

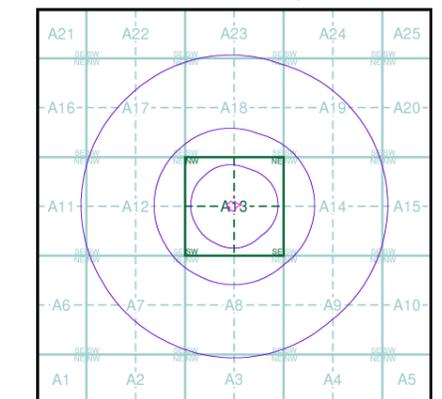
- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

## Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



## Estimated Soil Chemistry Lead - Slice A

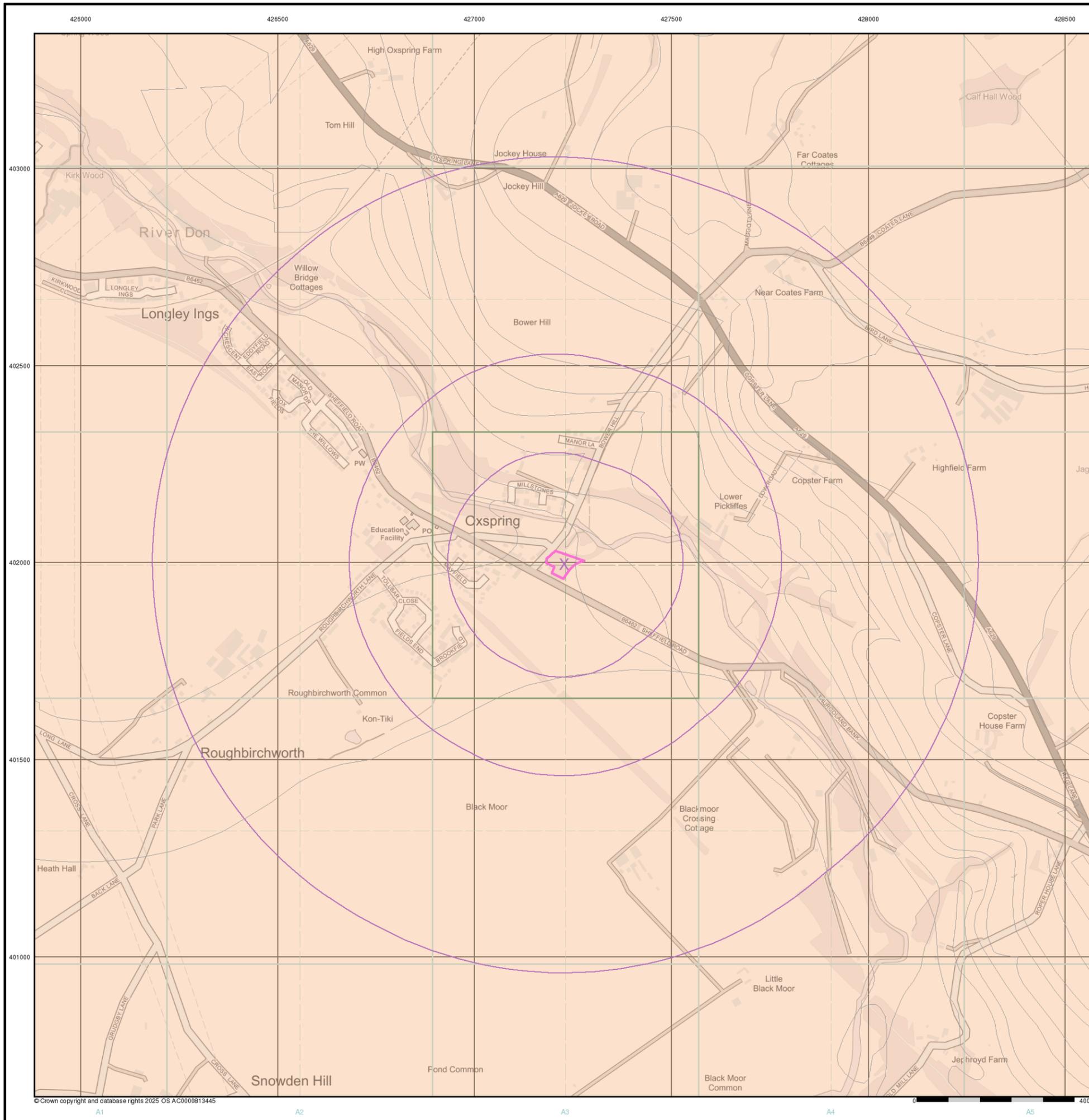


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Order Details: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

## Site Details

Site at 427220, 402000



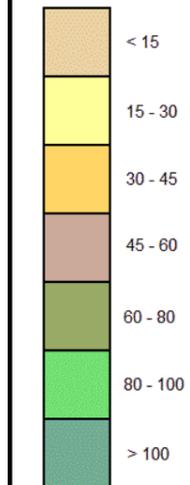
© Crown copyright and database rights 2025 OS AC0000813445

## General

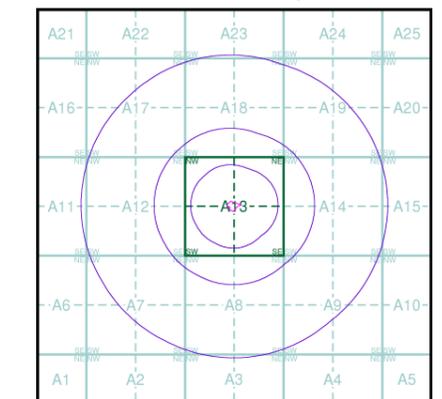
○ Specified Site    
 ○ Specified Buffer(s)    
 X Bearing Reference Point

## Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



## Estimated Soil Chemistry Nickel - Slice A

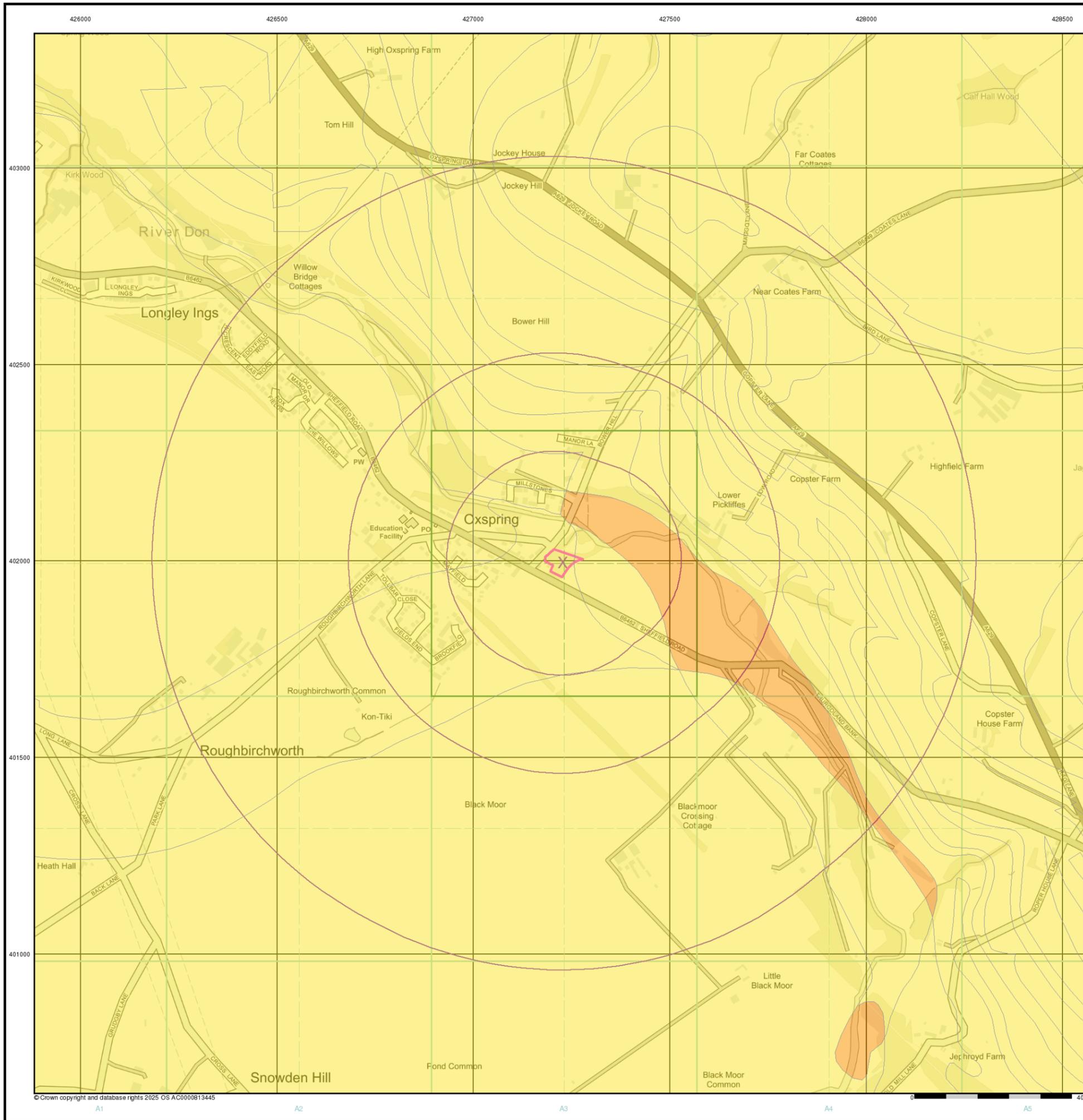


## Order Details

Order Details: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

## Site Details

Site at 427220, 402000



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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

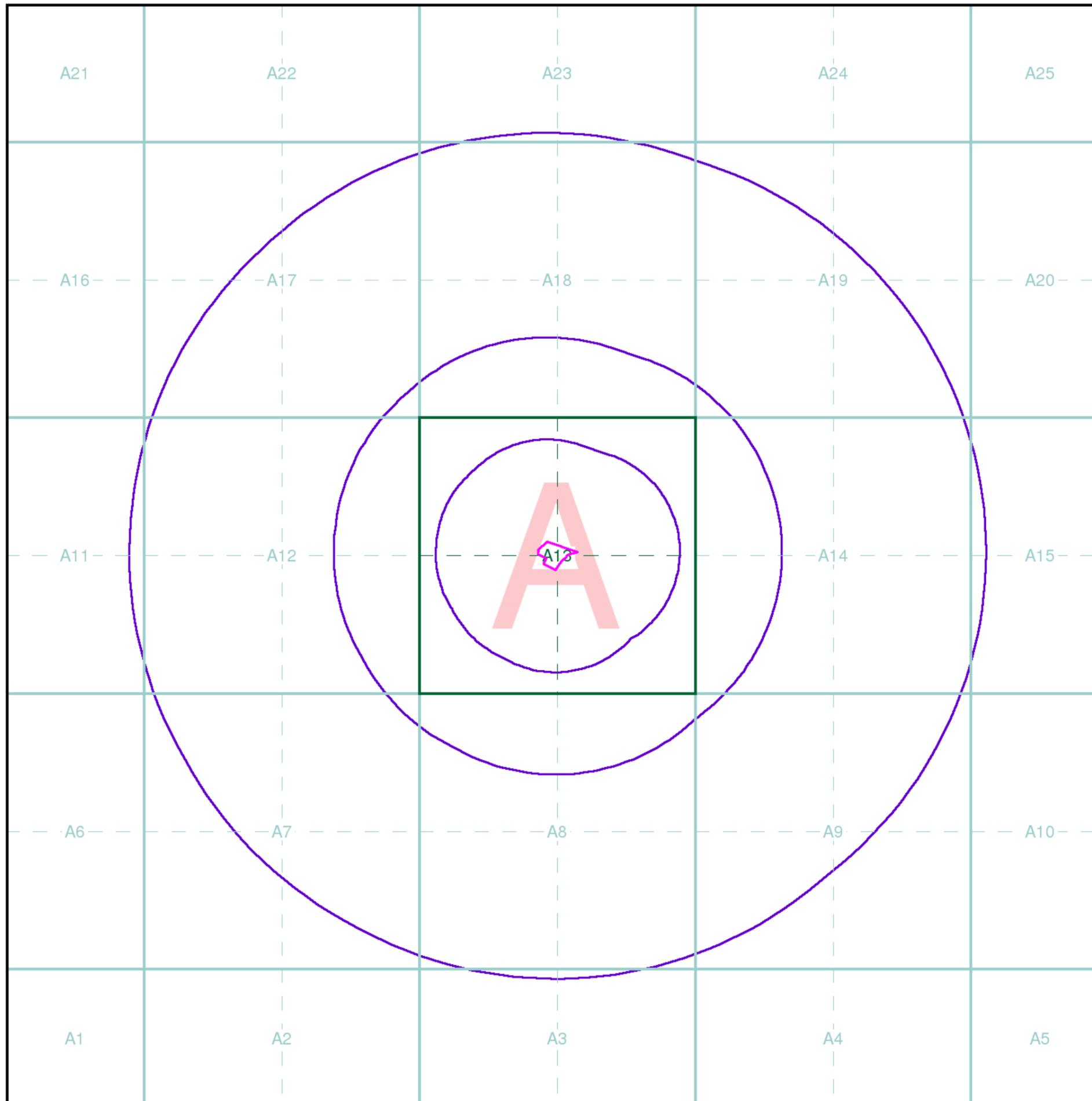
## Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427220, 402000  
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 Search Buffer (m): 1000

## Site Details

Site at 427220, 402000

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 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

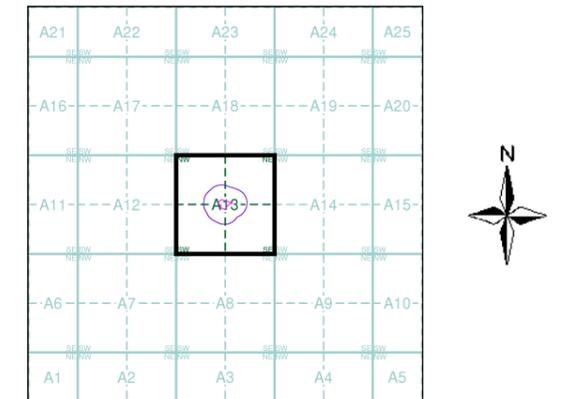
# Envirocheck®

LANDMARK INFORMATION GROUP®

## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1893	2
Yorkshire	1:2,500	1905	3
Yorkshire	1:2,500	1931	4
Ordnance Survey Plan	1:2,500	1960 - 1961	5
Additional SIMs	1:2,500	1960 - 1991	6
Supply of Unpublished Survey Information	1:2,500	1976	7
Ordnance Survey Plan	1:2,500	1979 - 1984	8
Ordnance Survey Plan	1:2,500	1984	9
Additional SIMs	1:2,500	1984 - 1988	10
Large-Scale National Grid Data	1:2,500	1993	11
Historical Aerial Photography	1:2,500	1999	12

## Historical Map - Segment A13



## Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 100

## Site Details

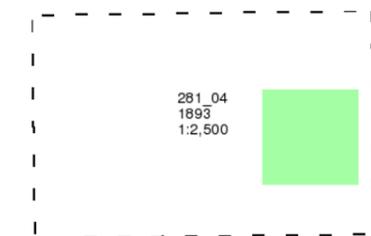
Site at 427220, 402000

**Landmark**  
 INFORMATION GROUP

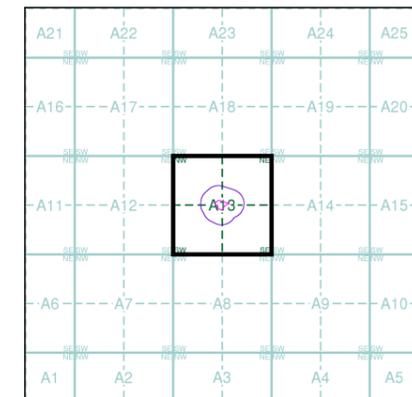
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

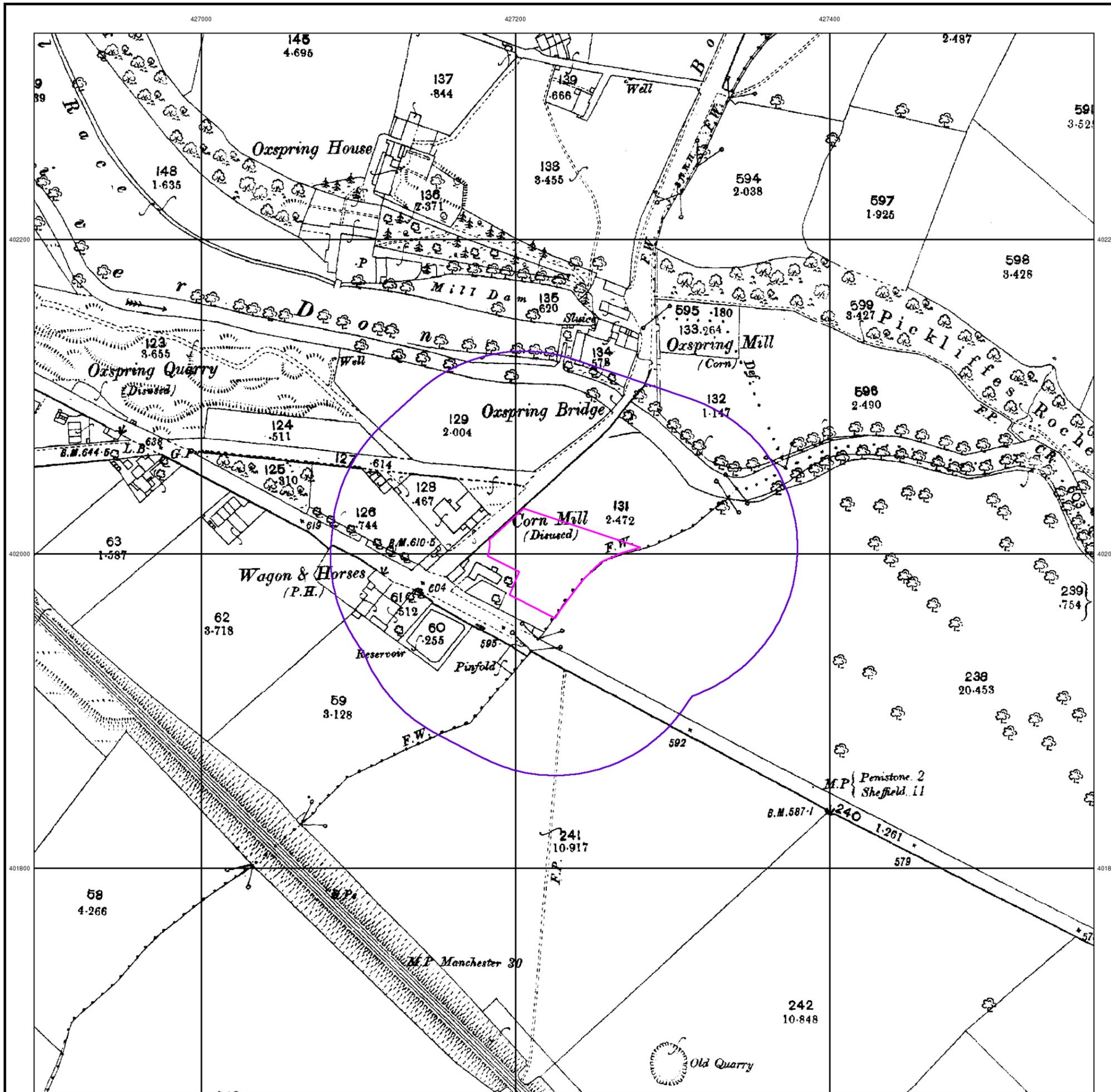


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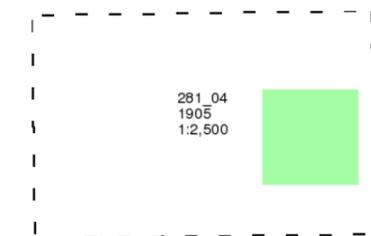
### Site Details

Site at 427220, 402000

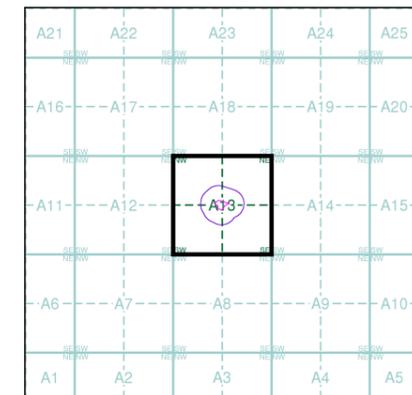


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

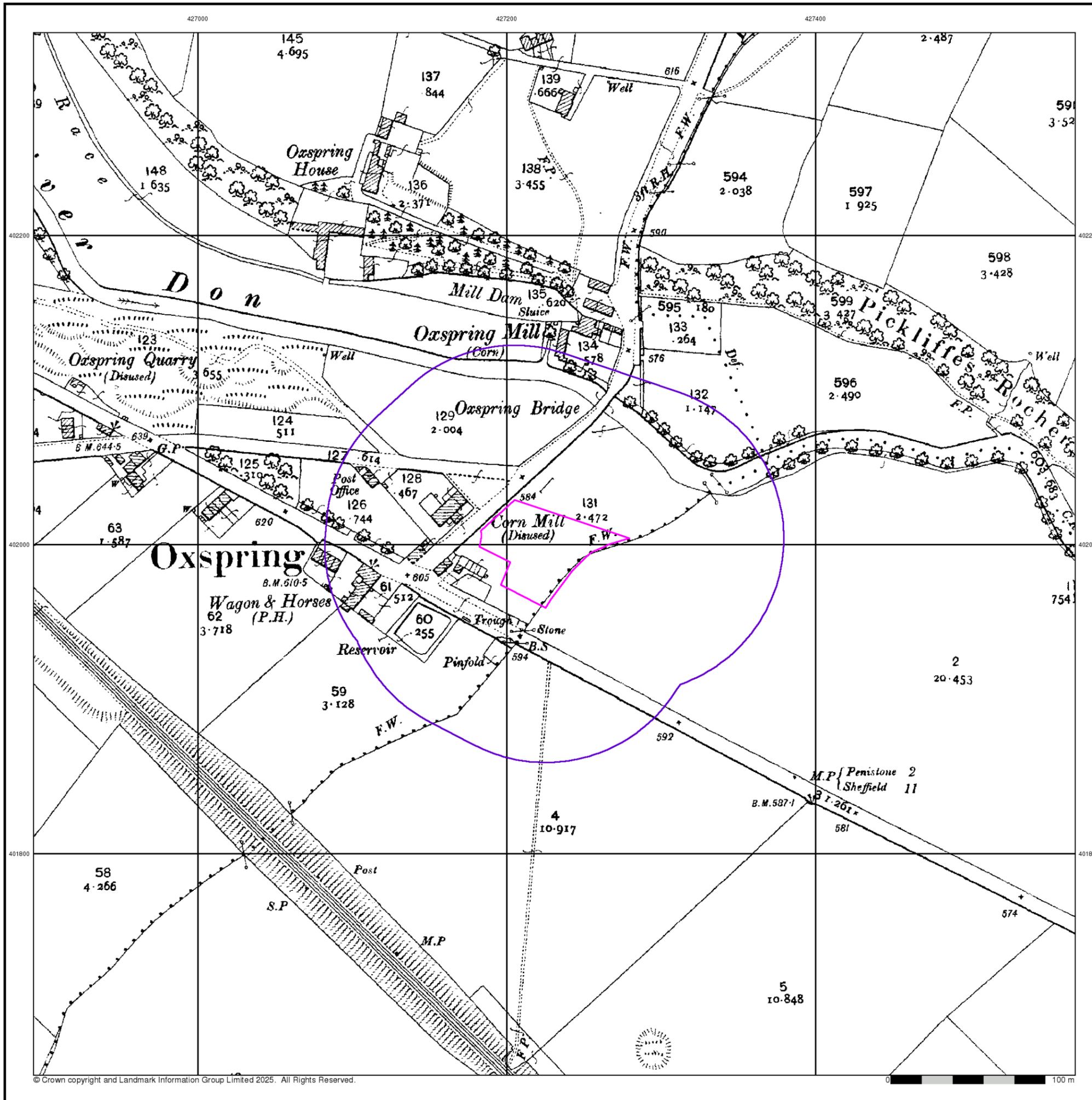


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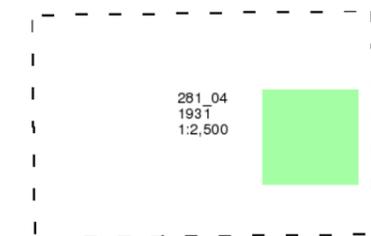
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Site at 427220, 402000

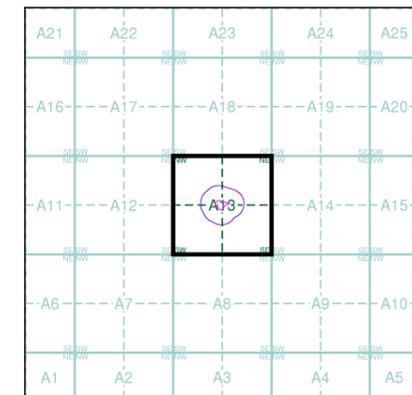


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

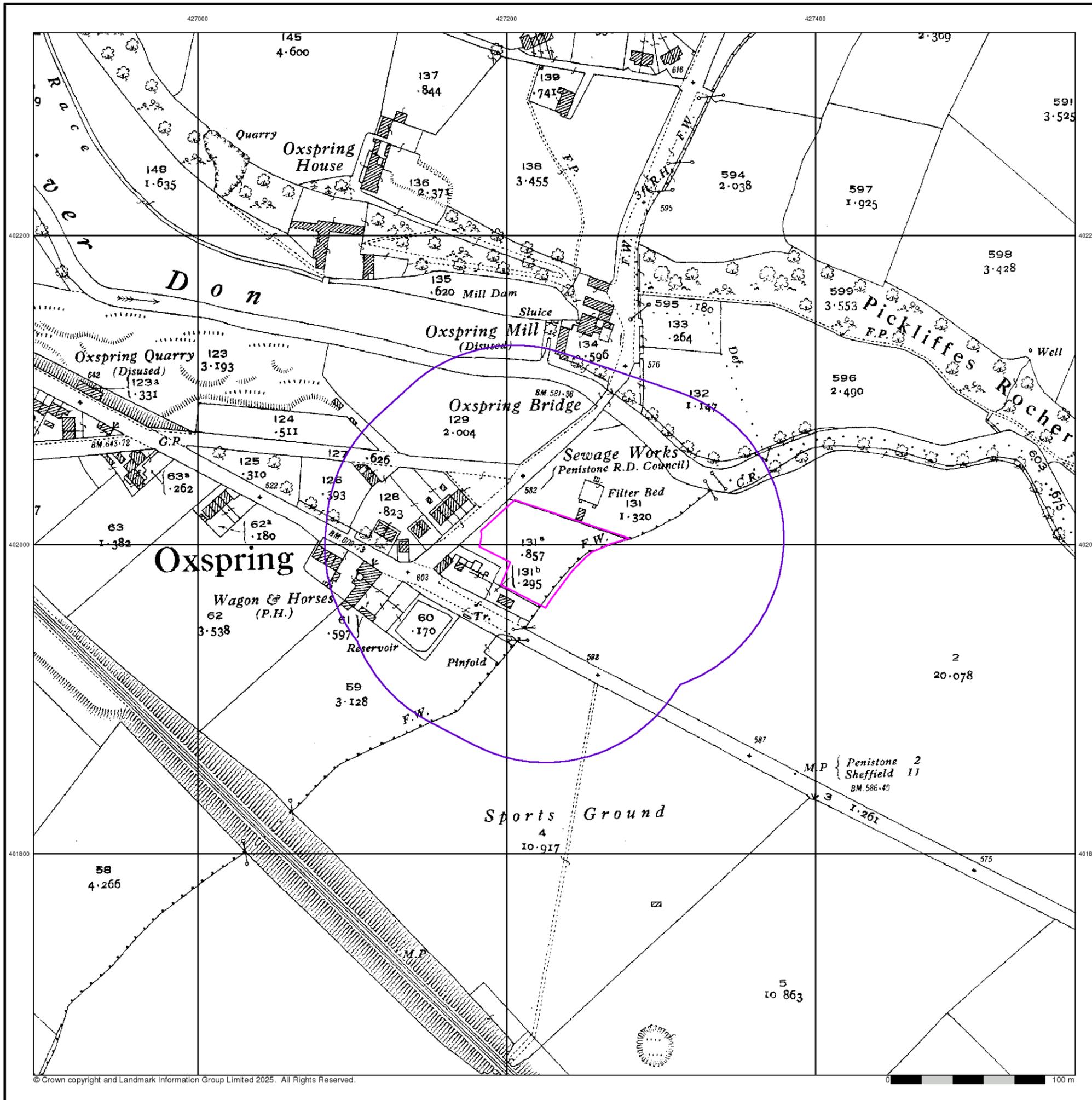


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 Slice: A  
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 Search Buffer (m): 100

### Site Details

Site at 427220, 402000



## Ordnance Survey Plan

Published 1960 - 1961

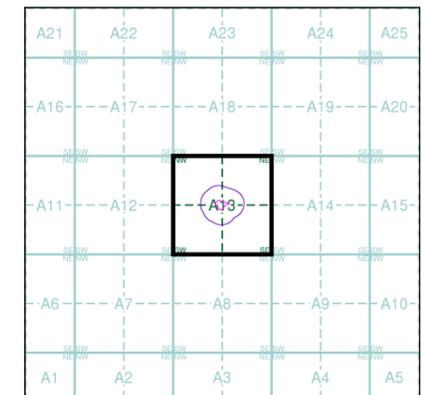
Source map scale - 1:2,500

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)

SE2602 1960 1:2,500	SE2702 1960 1:2,500
SE2601 1961 1:2,500	SE2701 1961 1:2,500

### Historical Map - Segment A13

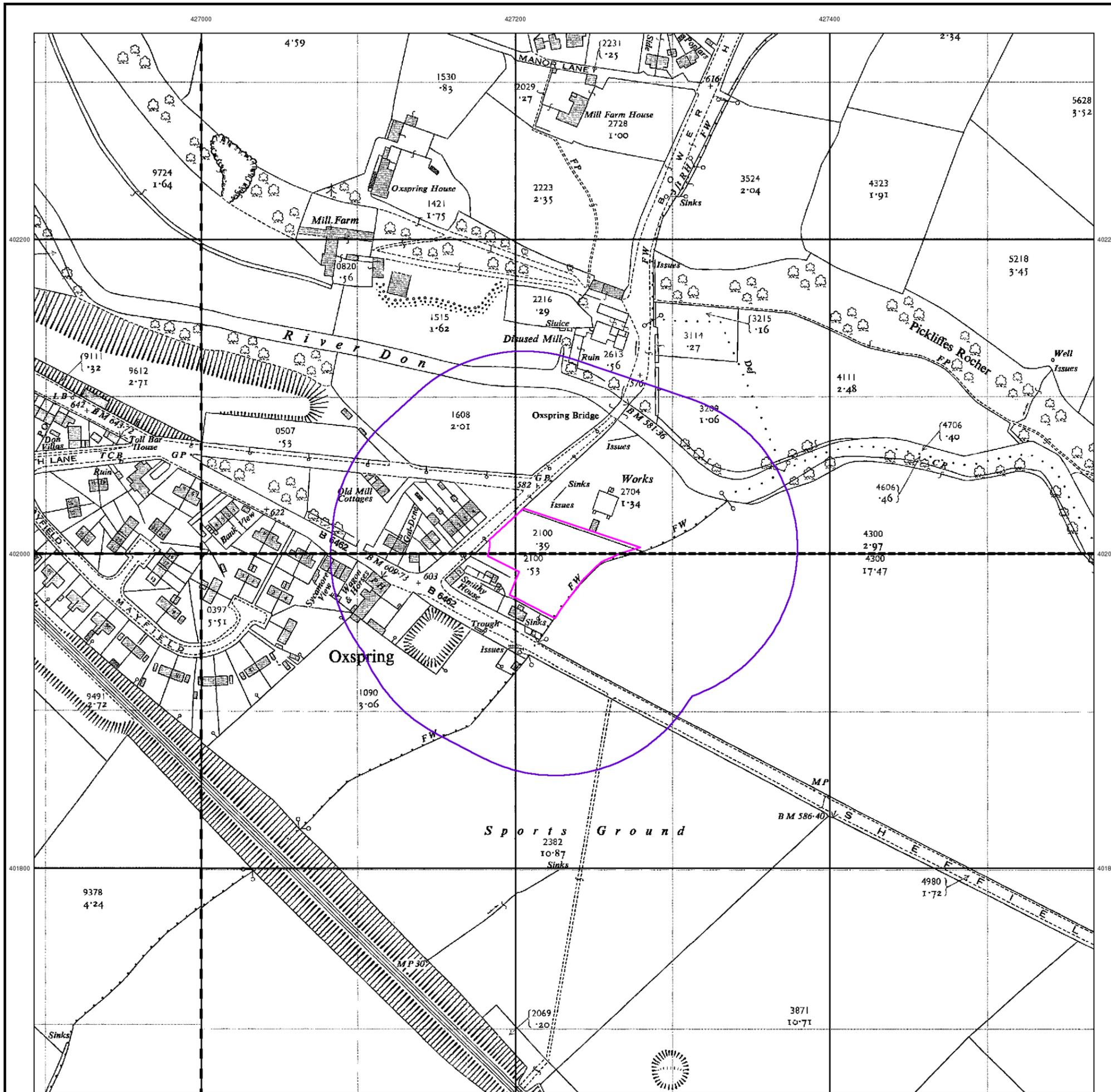


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### Site Details

Site at 427220, 402000



## Additional SIMs

Published 1960 - 1991

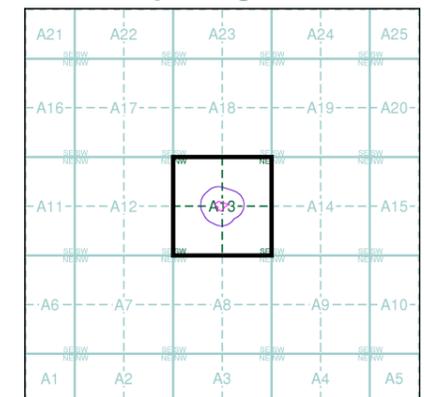
Source map scale - 1:2,500

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)

SE2602 1978 1:2,500	SE2702 1960 1:2,500
SE2601 1978 1:2,500	SE2701 1991 1:2,500

## Historical Map - Segment A13

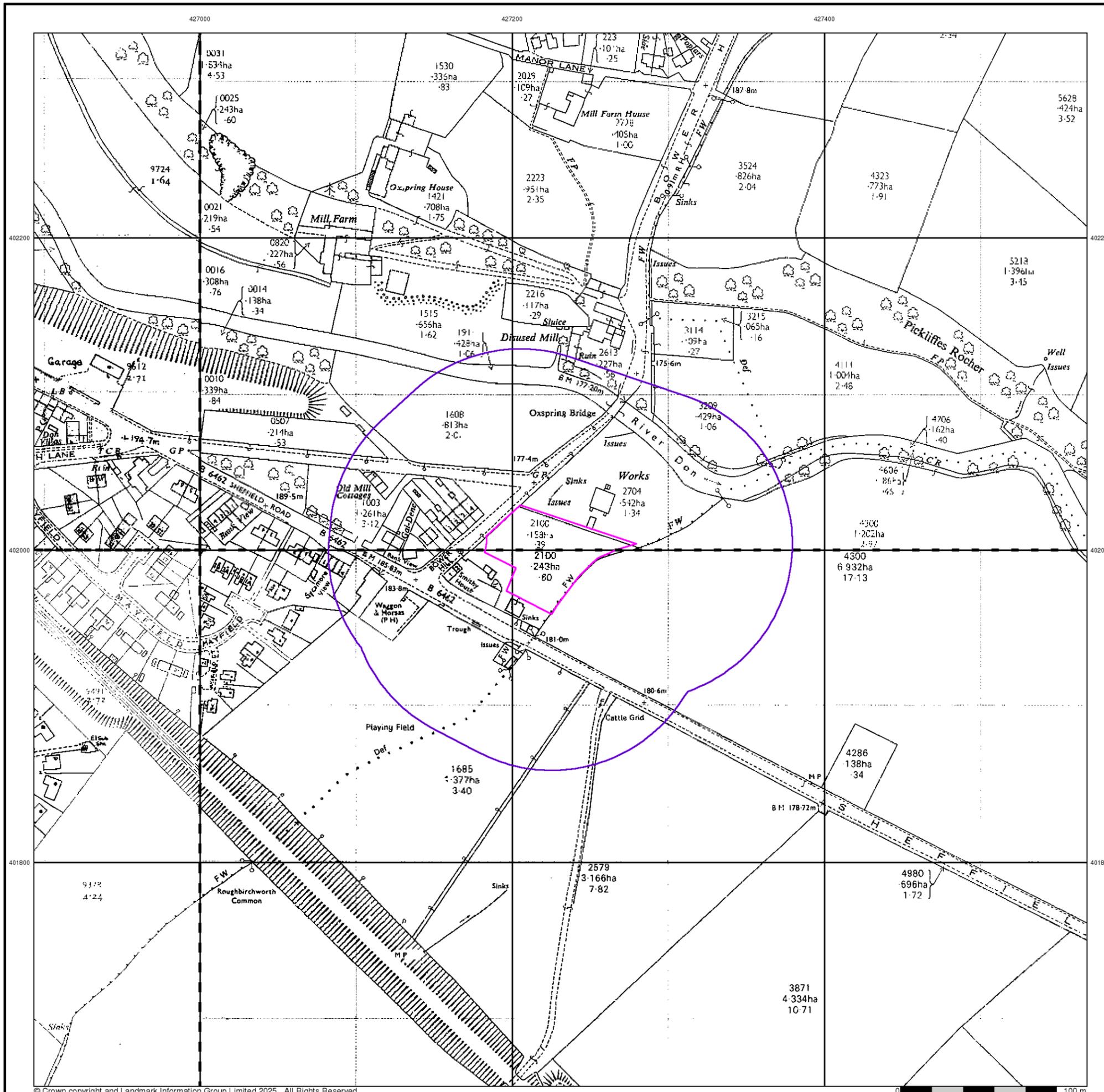


## Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 100

## Site Details

Site at 427220, 402000



## Supply of Unpublished Survey Information

Published 1976

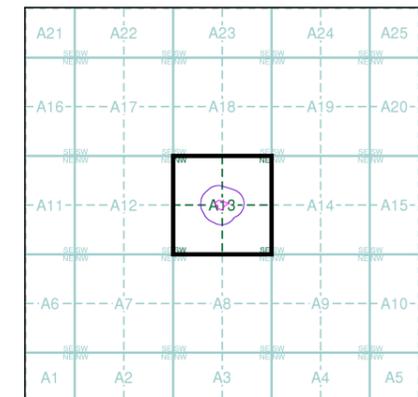
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)

SE2602 1976 1:2,500	SE2702 1976 1:2,500
SE2601 1976 1:2,500	

### Historical Map - Segment A13

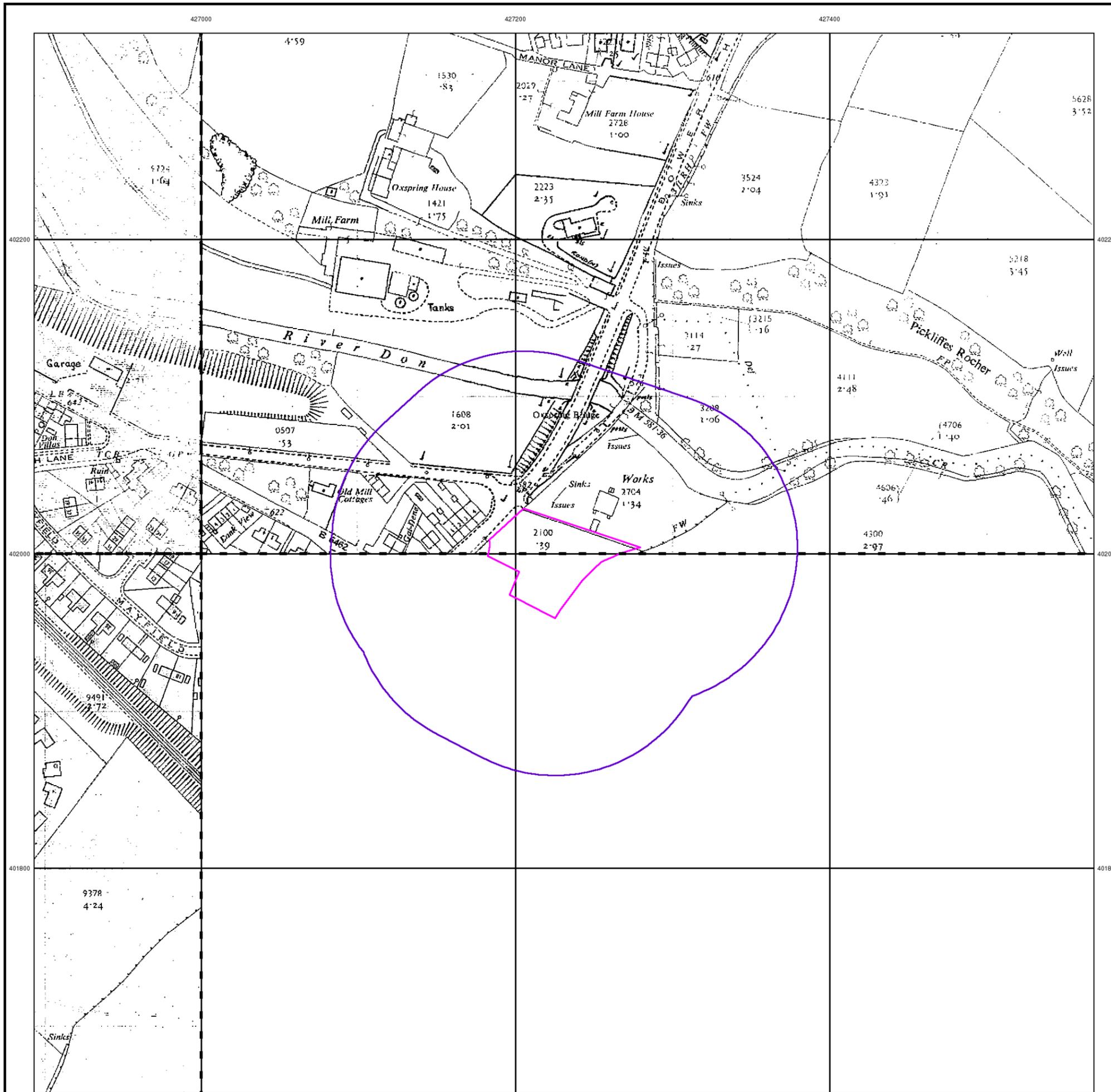


### Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 100

### Site Details

Site at 427220, 402000



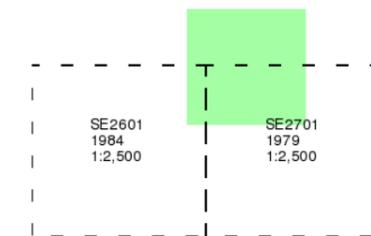
## Ordnance Survey Plan

Published 1979 - 1984

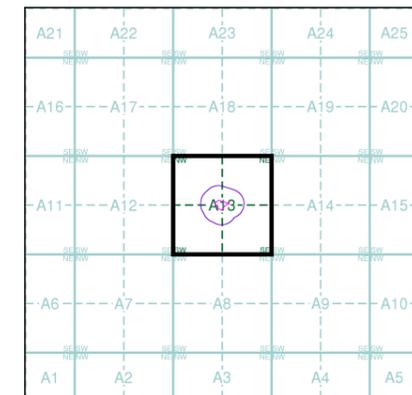
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

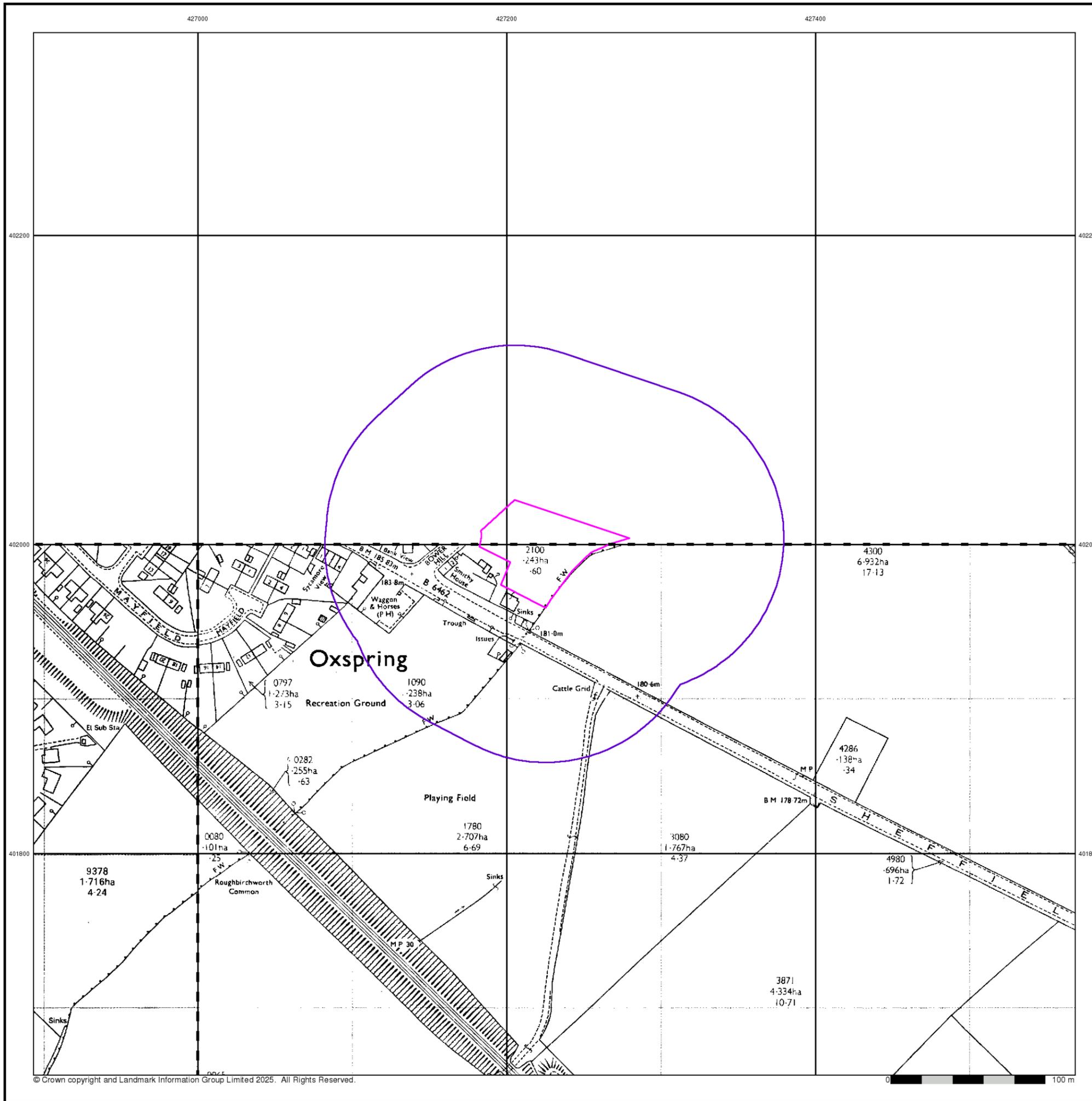


### Order Details

Order Number: 380100224\_1\_1  
Customer Ref: 49679  
National Grid Reference: 427230, 402000  
Slice: A  
Site Area (Ha): 0.33  
Search Buffer (m): 100

### Site Details

Site at 427220, 402000



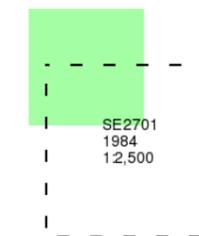
## Ordnance Survey Plan

Published 1984

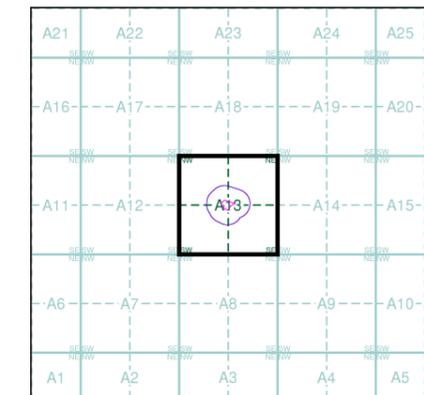
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

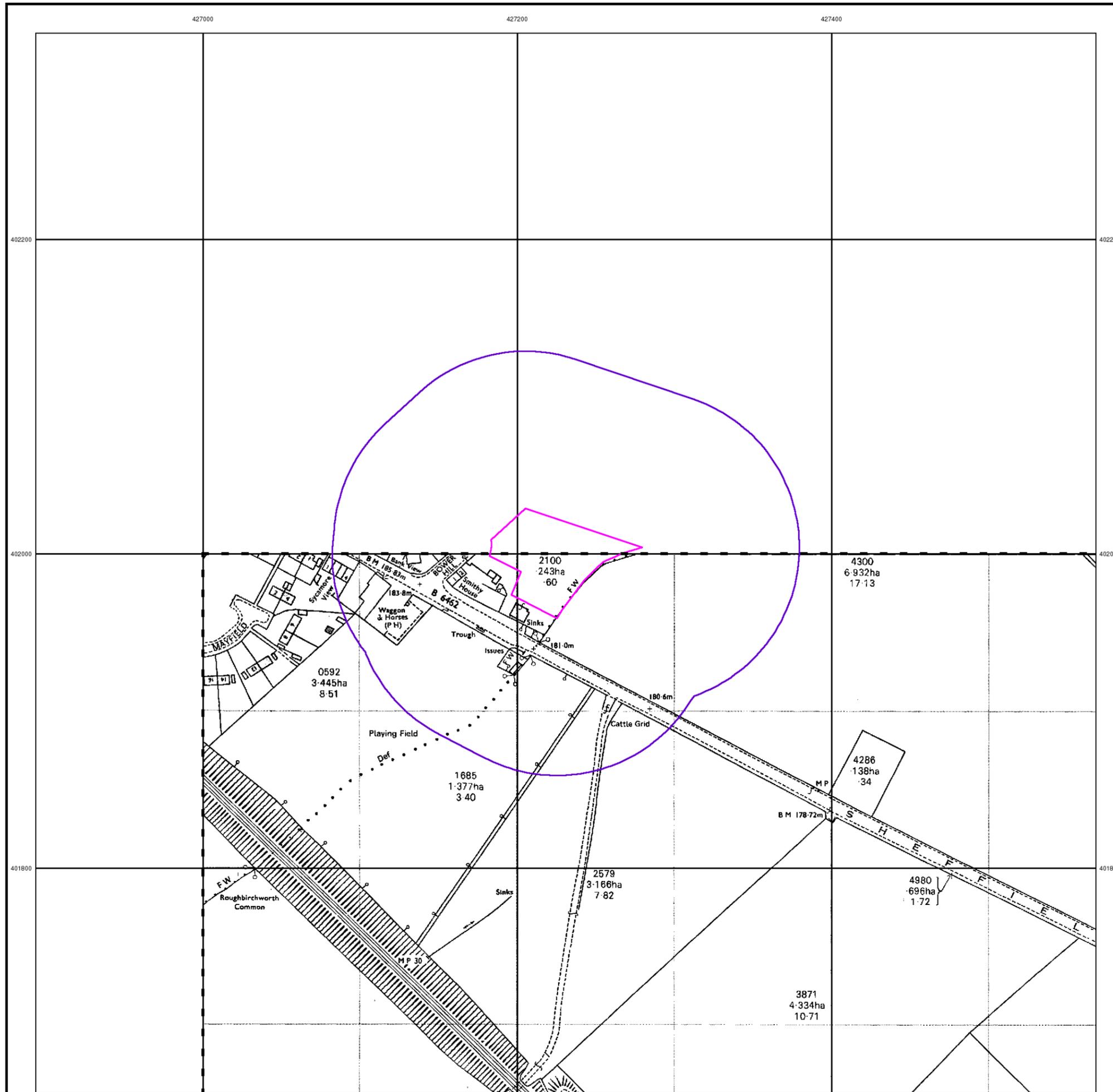


### Order Details

Order Number: 380100224\_1\_1  
Customer Ref: 49679  
National Grid Reference: 427230, 402000  
Slice: A  
Site Area (Ha): 0.33  
Search Buffer (m): 100

### Site Details

Site at 427220, 402000



## Additional SIMs

Published 1984 - 1988

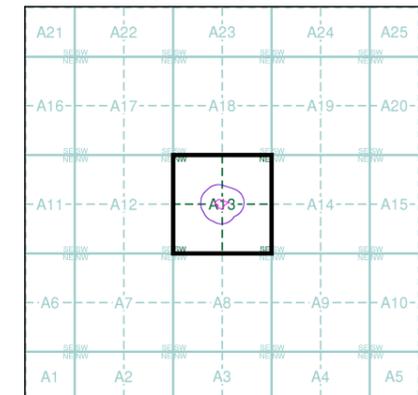
Source map scale - 1:2,500

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)

SE2602 1988 1:2,500	SE2702 1984 1:2,500
---------------------------	---------------------------

## Historical Map - Segment A13

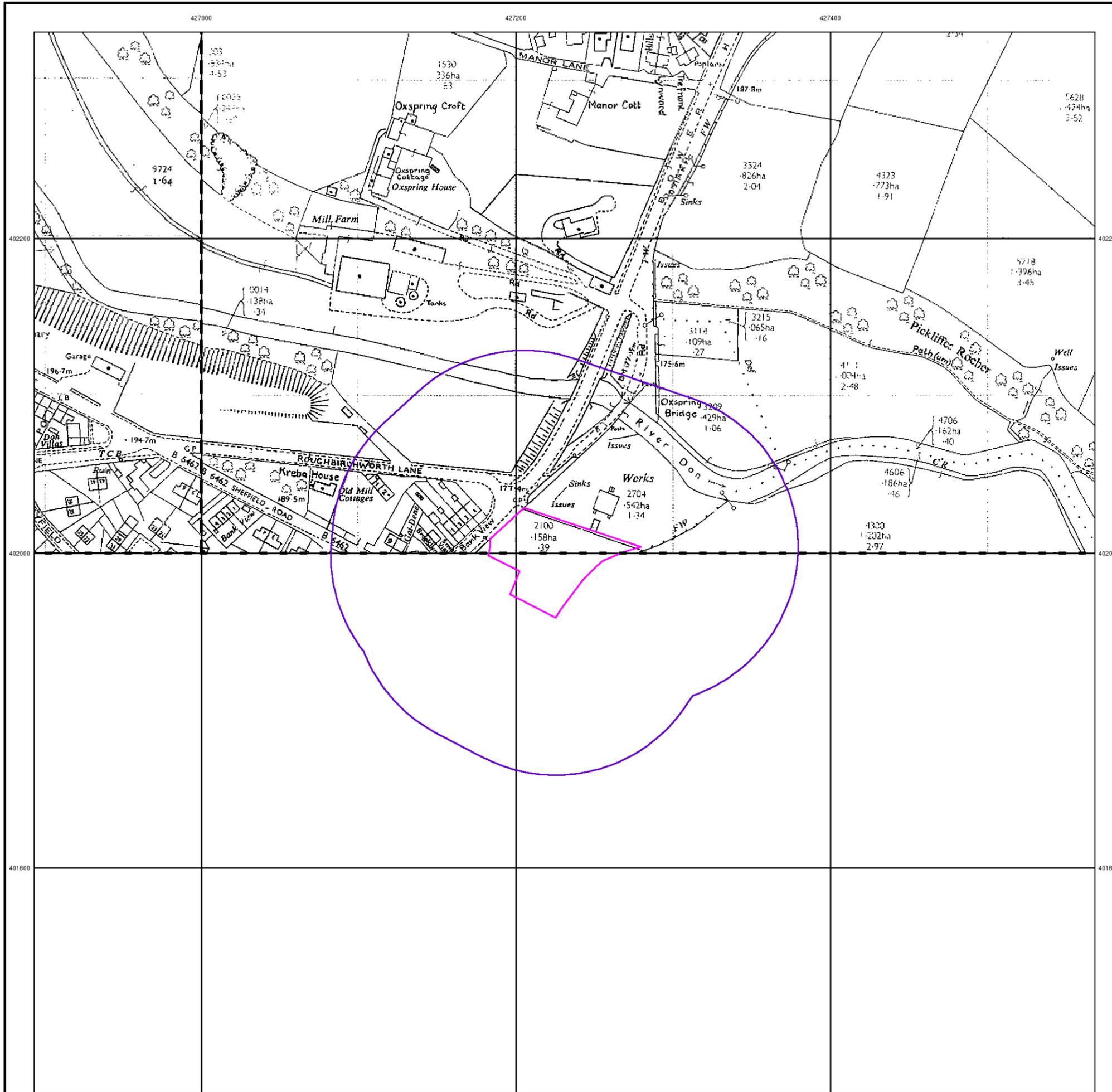


## Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 100

## Site Details

Site at 427220, 402000



## Large-Scale National Grid Data

Published 1993

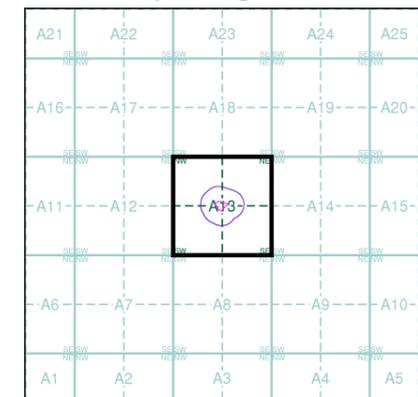
Source map scale - 1:2,500

'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)

SE2602 1993 1:2,500	SE2702 1993 1:2,500
SE2601 1993 1:2,500	SE2701 1993 1:2,500

### Historical Map - Segment A13

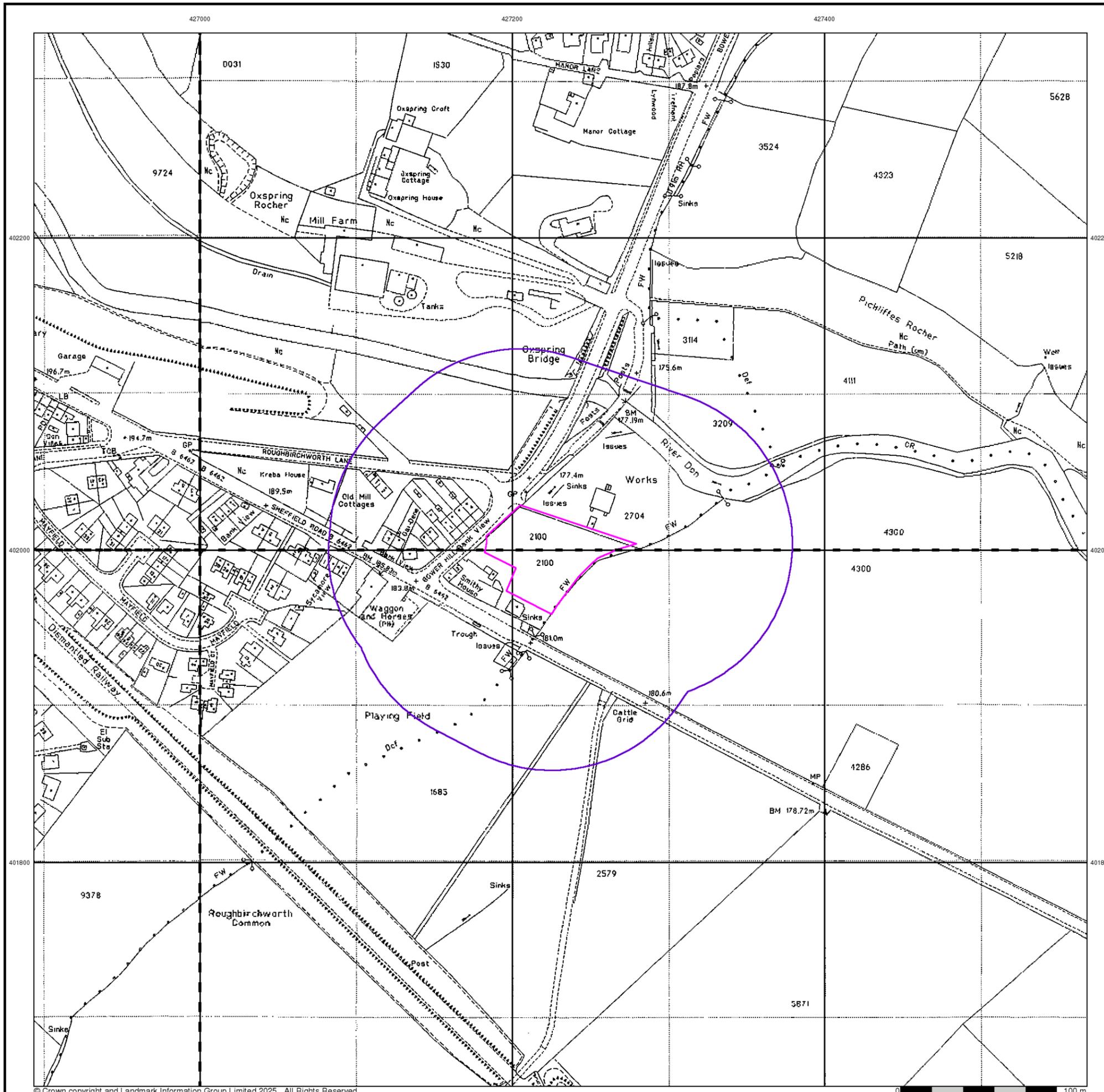


### Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 100

### Site Details

Site at 427220, 402000



427000

427200

427400

402200

402200

402000

402000

401800

401800



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0 100 m

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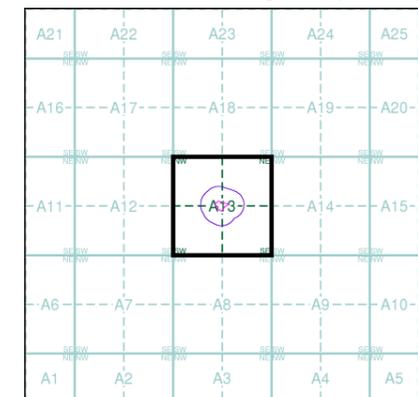
● LANDMARK INFORMATION GROUP®

## 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



### Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 100

### Site Details

Site at 427220, 402000

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

# 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		
	<b>-285</b> 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		
	Bracken		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

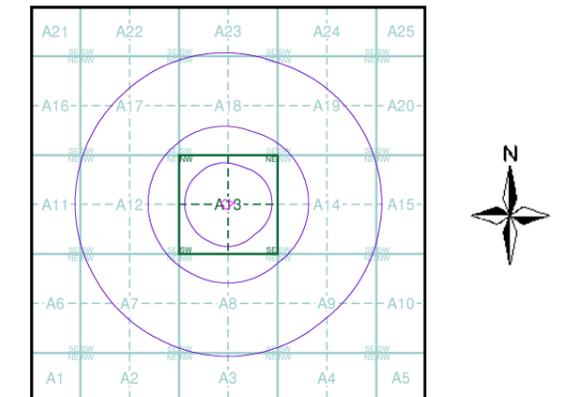
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## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1851 - 1855	2
Yorkshire	1:10,560	1894	3
Yorkshire	1:10,560	1906 - 1907	4
Yorkshire	1:10,560	1931 - 1933	5
Yorkshire	1:10,560	1938	6
Yorkshire	1:10,560	1938 - 1948	7
Yorkshire	1:10,560	1948	8
Ordnance Survey Plan	1:10,000	1955	9
Ordnance Survey Plan	1:10,000	1965	10
Ordnance Survey Plan	1:10,000	1989	11
10K Raster Mapping	1:10,000	2000	12
10K Raster Mapping	1:10,000	2006	13
VectorMap Local	1:10,000	2024	14

## Historical Map - Slice A



## Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

## Site Details

Site at 427220, 402000

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

## Yorkshire

Published 1851 - 1855

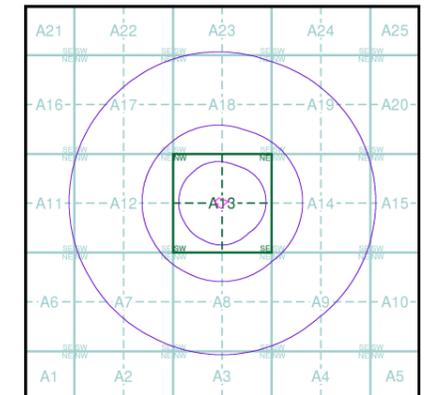
Source map scale - 1:10,560

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)

27300 1851 1:10,560	27400 1855 1:10,560
28100 1855 1:10,560	28200 1855 1:10,560

### Historical Map - Slice A

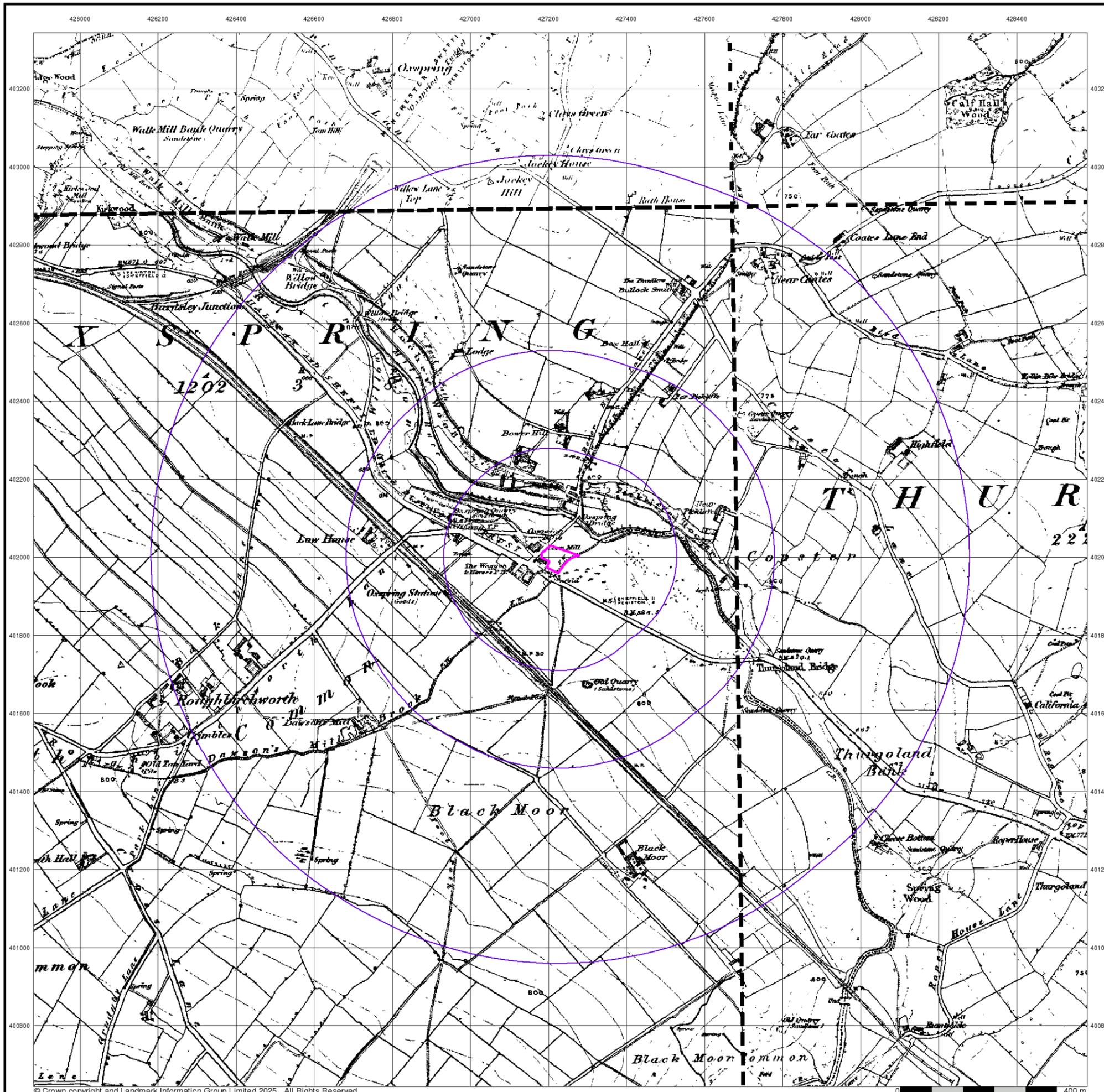


### Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000

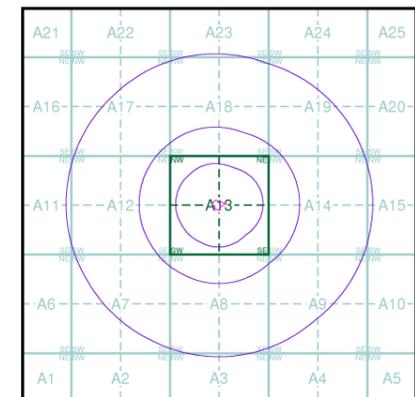


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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)

273SE 1894 1:10,560	274SW 1894 1:10,560
281NE 1894 1:10,560	282NW 1894 1:10,560

### Historical Map - Slice A

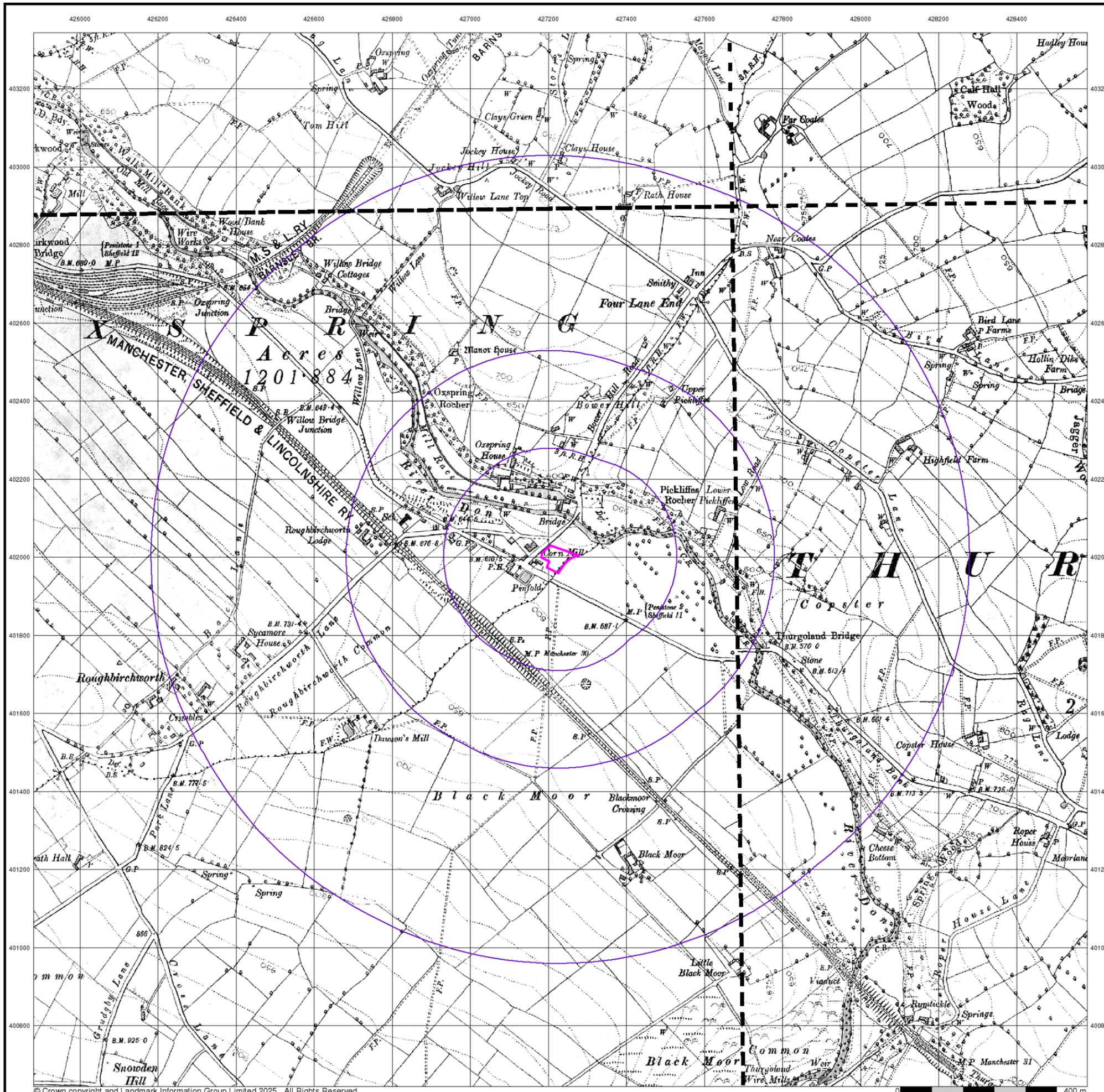


### Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000



## Yorkshire

Published 1906 - 1907

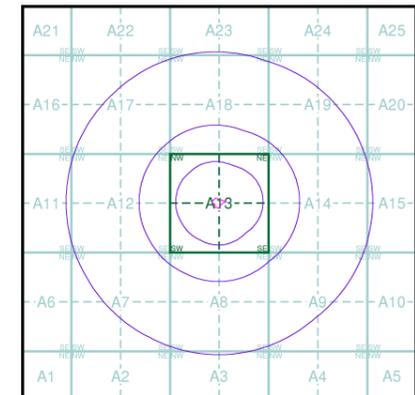
Source map scale - 1:10,560

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)

273SE 1907 1:10,560	274SW 1907 1:10,560
281NE 1906 1:10,560	282NW 1906 1:10,560

### Historical Map - Slice A

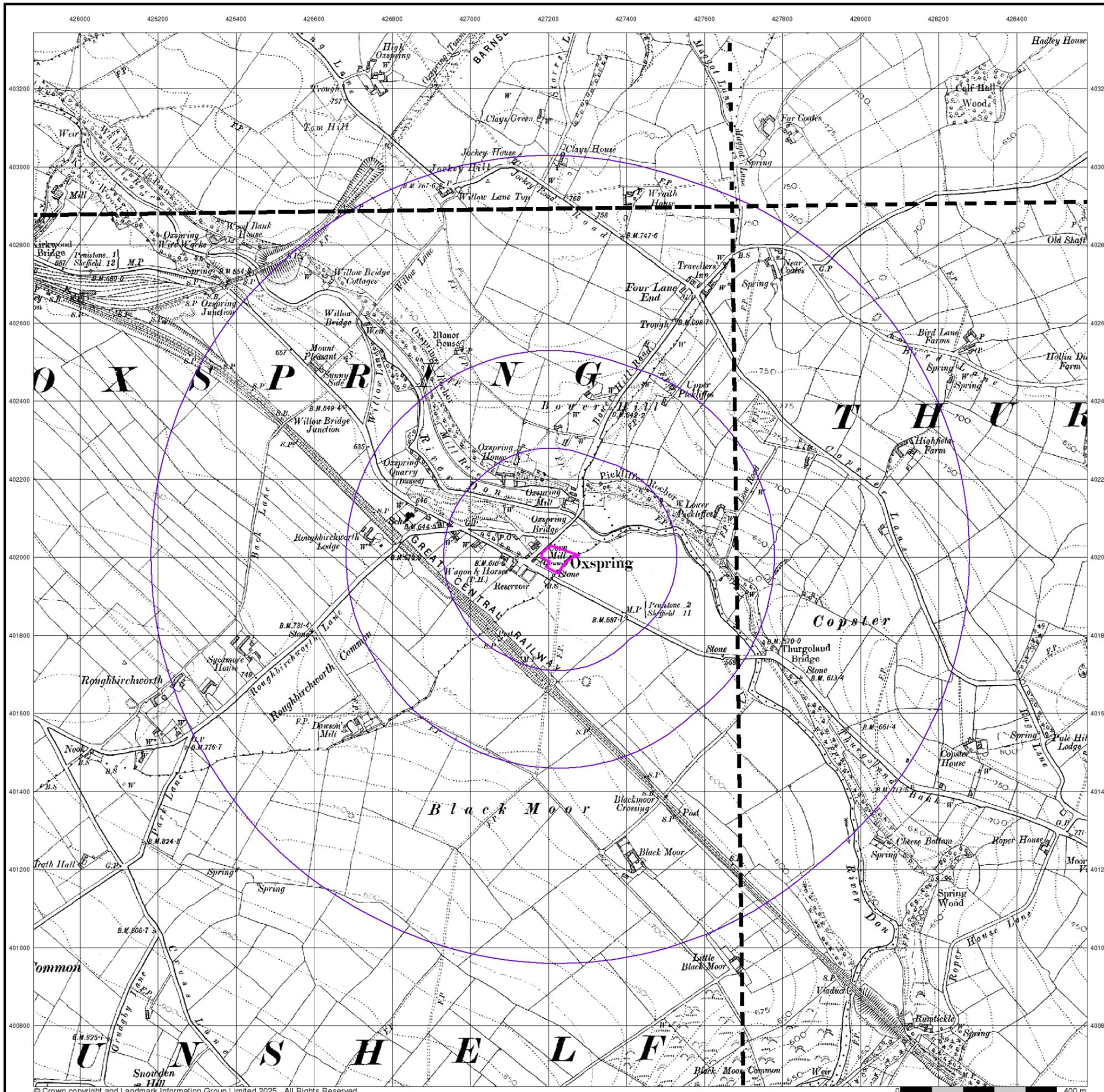


### Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000



## Yorkshire

Published 1931 - 1933

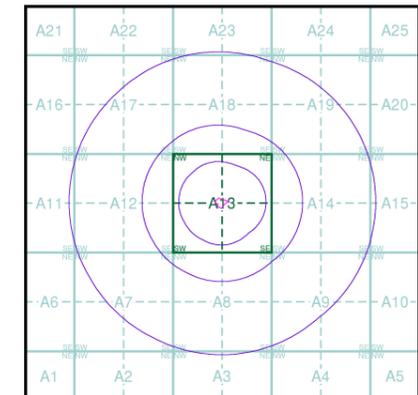
Source map scale - 1:10,560

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)

273SE 1932 1:10,560	274SW 1933 1:10,560
281NE 1931 1:10,560	282NW 1932 1:10,560

### Historical Map - Slice A

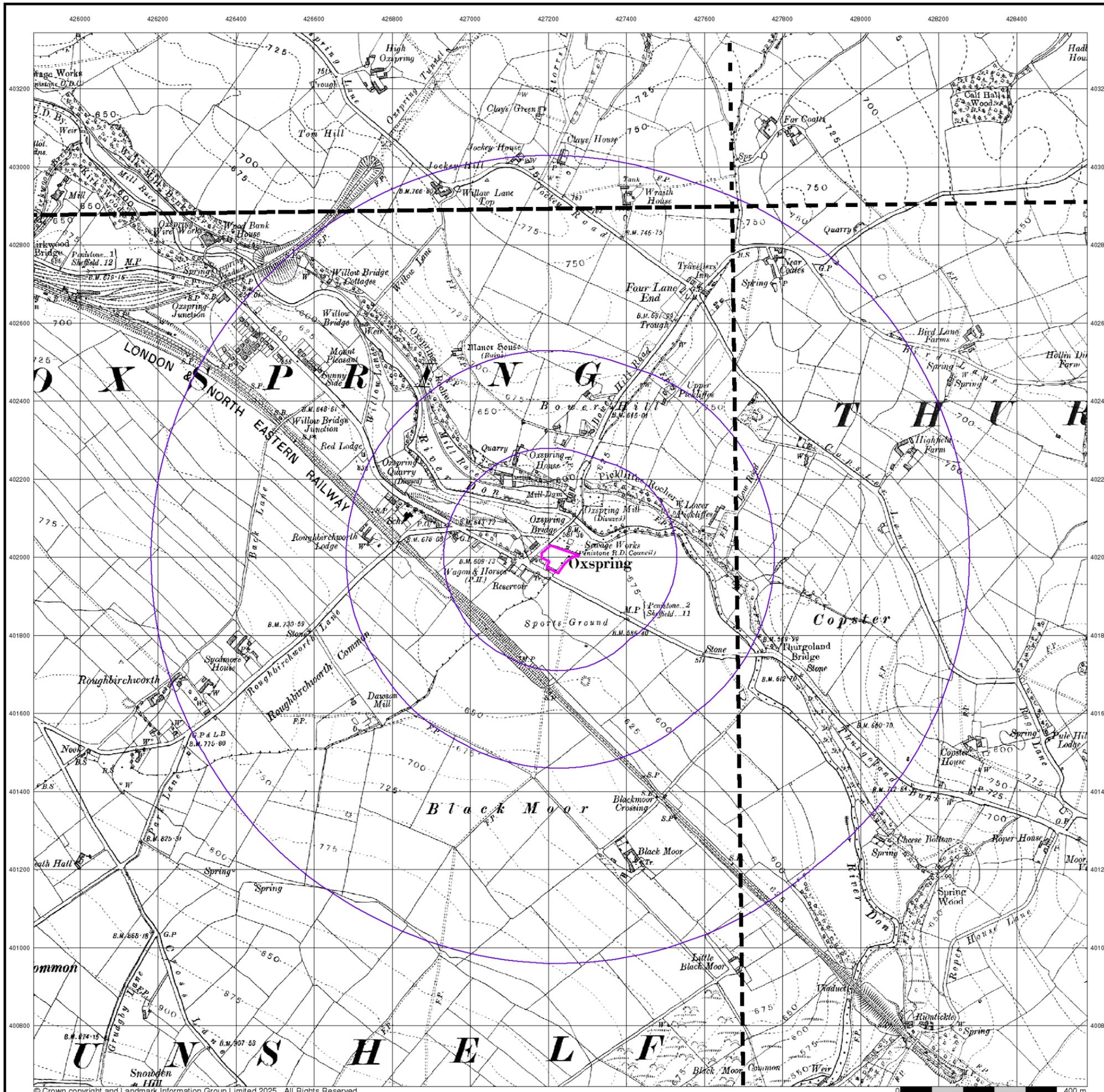


### Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000

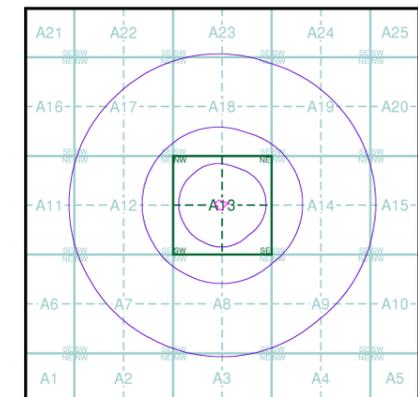


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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)

273SE 1938 1:10,560	274SW 1938 1:10,560
281NE 1938 1:10,560	

### Historical Map - Slice A

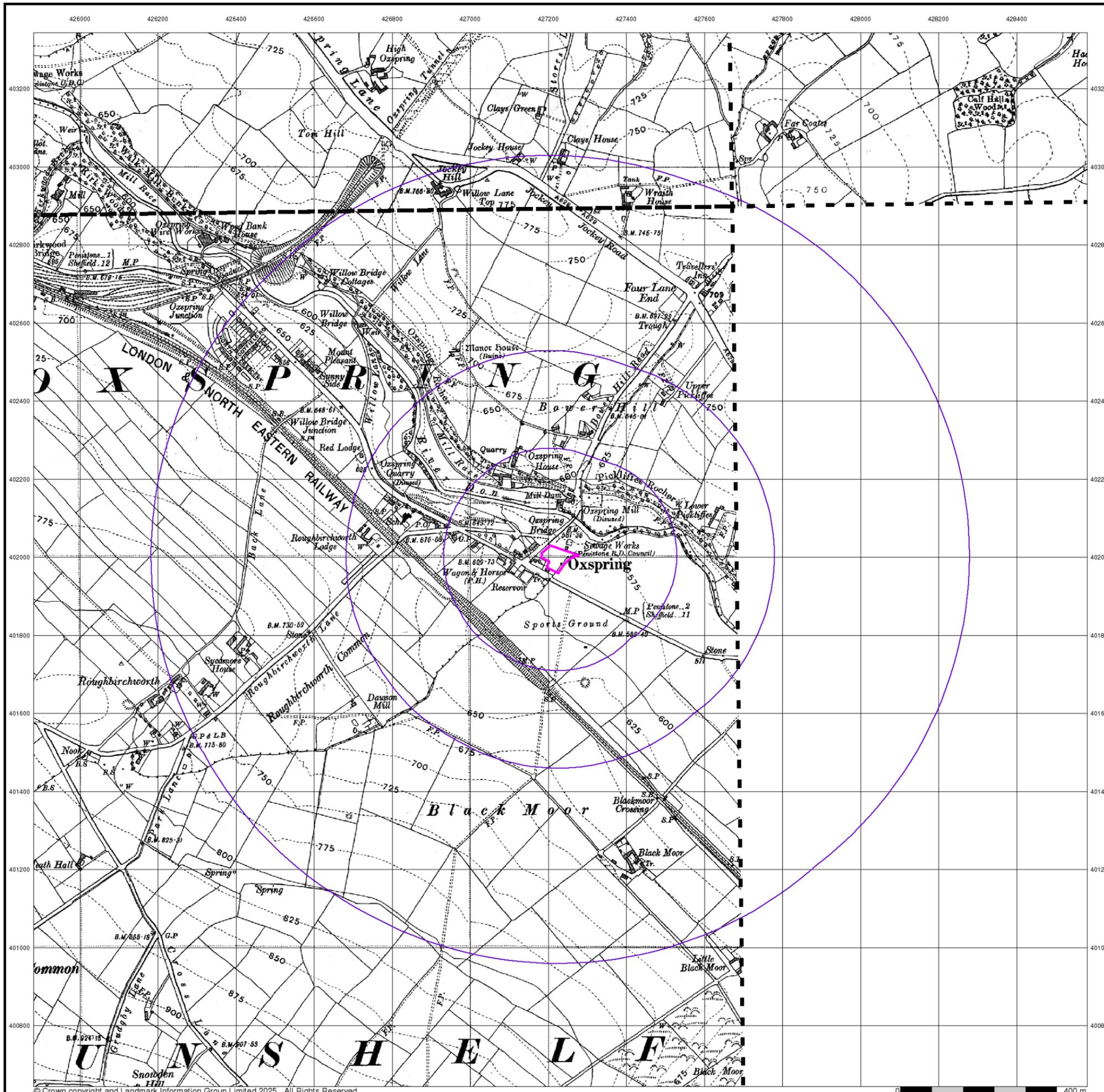


### Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000



## Yorkshire

Published 1938 - 1948

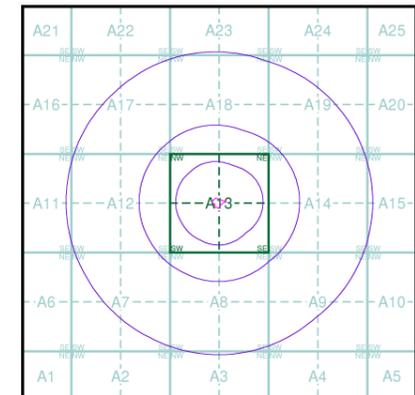
Source map scale - 1:10,560

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)

273SE 1948 1:10,560	274SW 1938 1:10,560
281NE 1948 1:10,560	

### Historical Map - Slice A

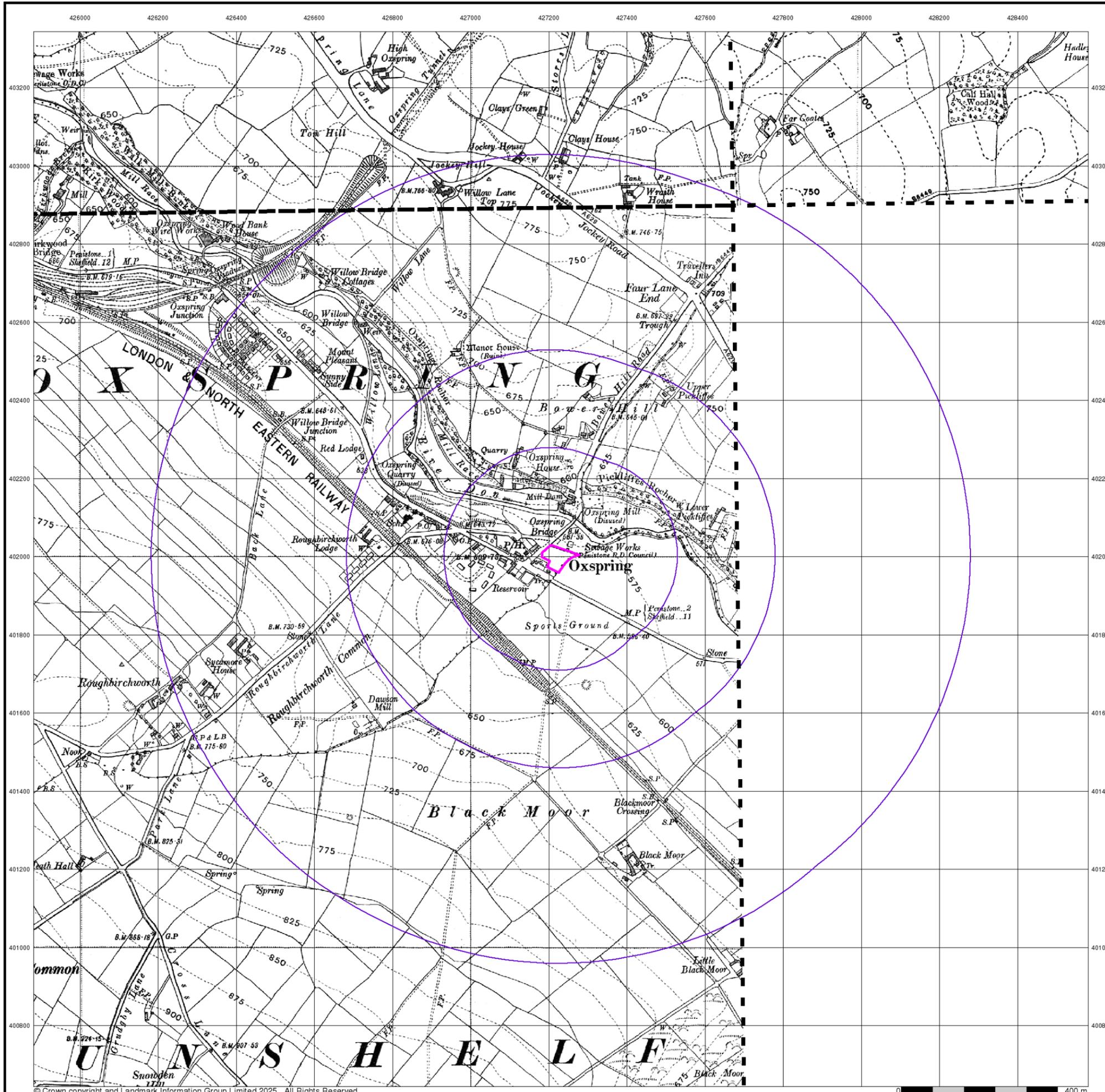


### Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000



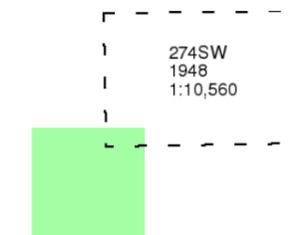
## Yorkshire

Published 1948

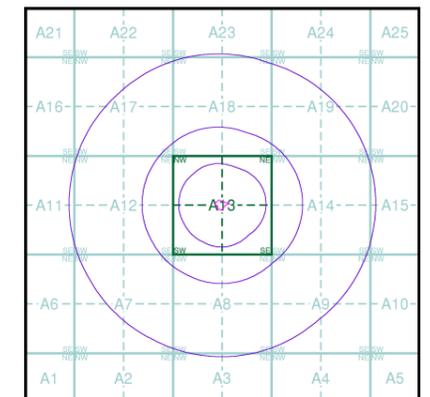
Source map scale - 1:10,560

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

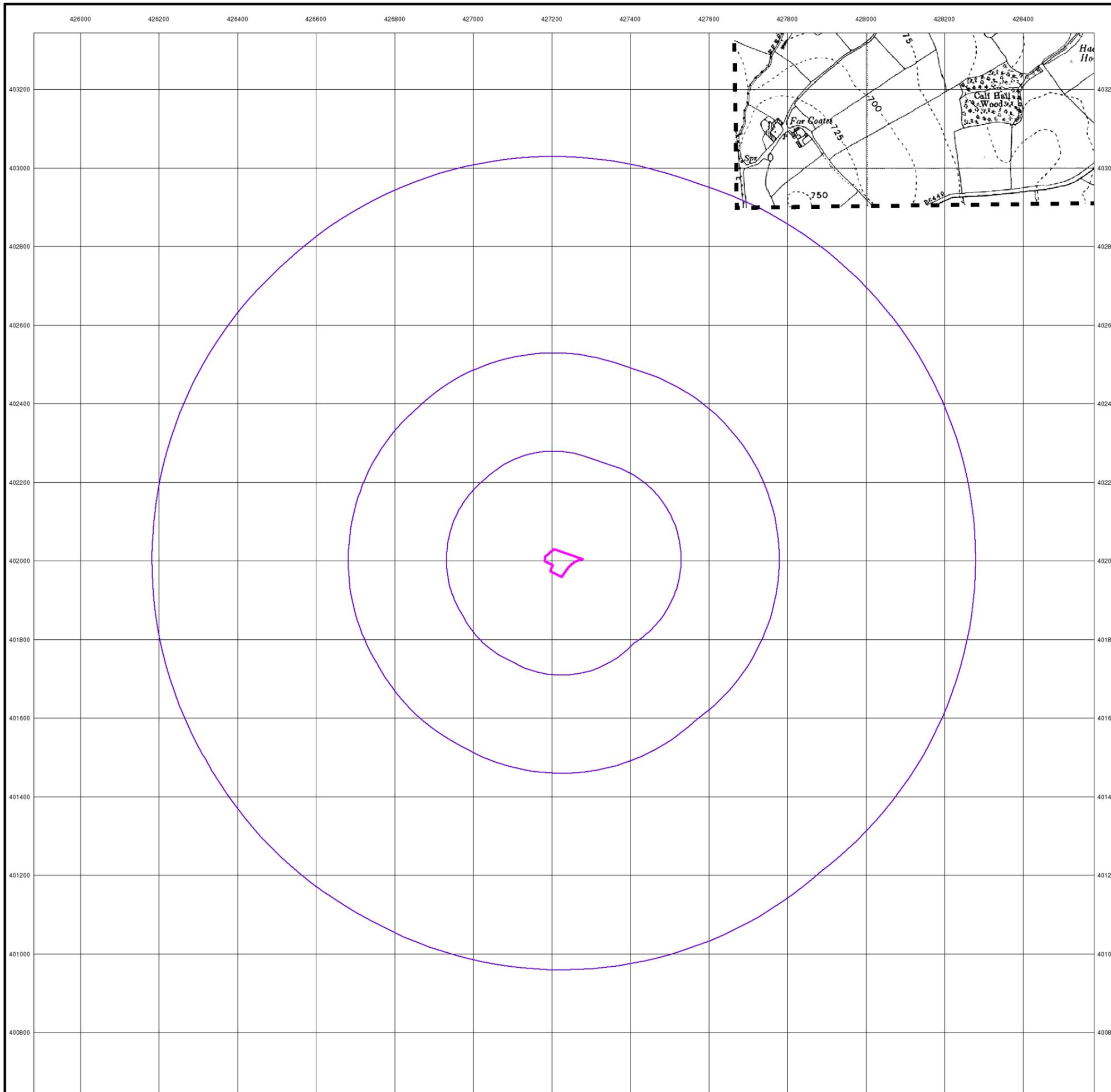


### Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000



## Ordnance Survey Plan

Published 1955

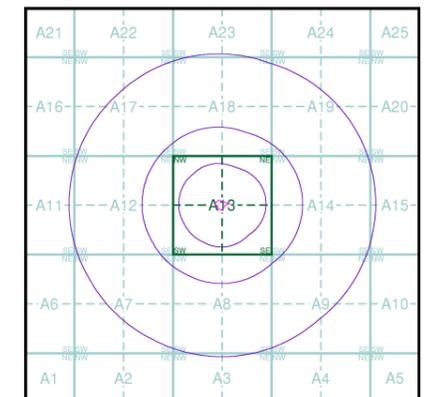
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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)

SE20SE  
1955  
1:10,560

### Historical Map - Slice A

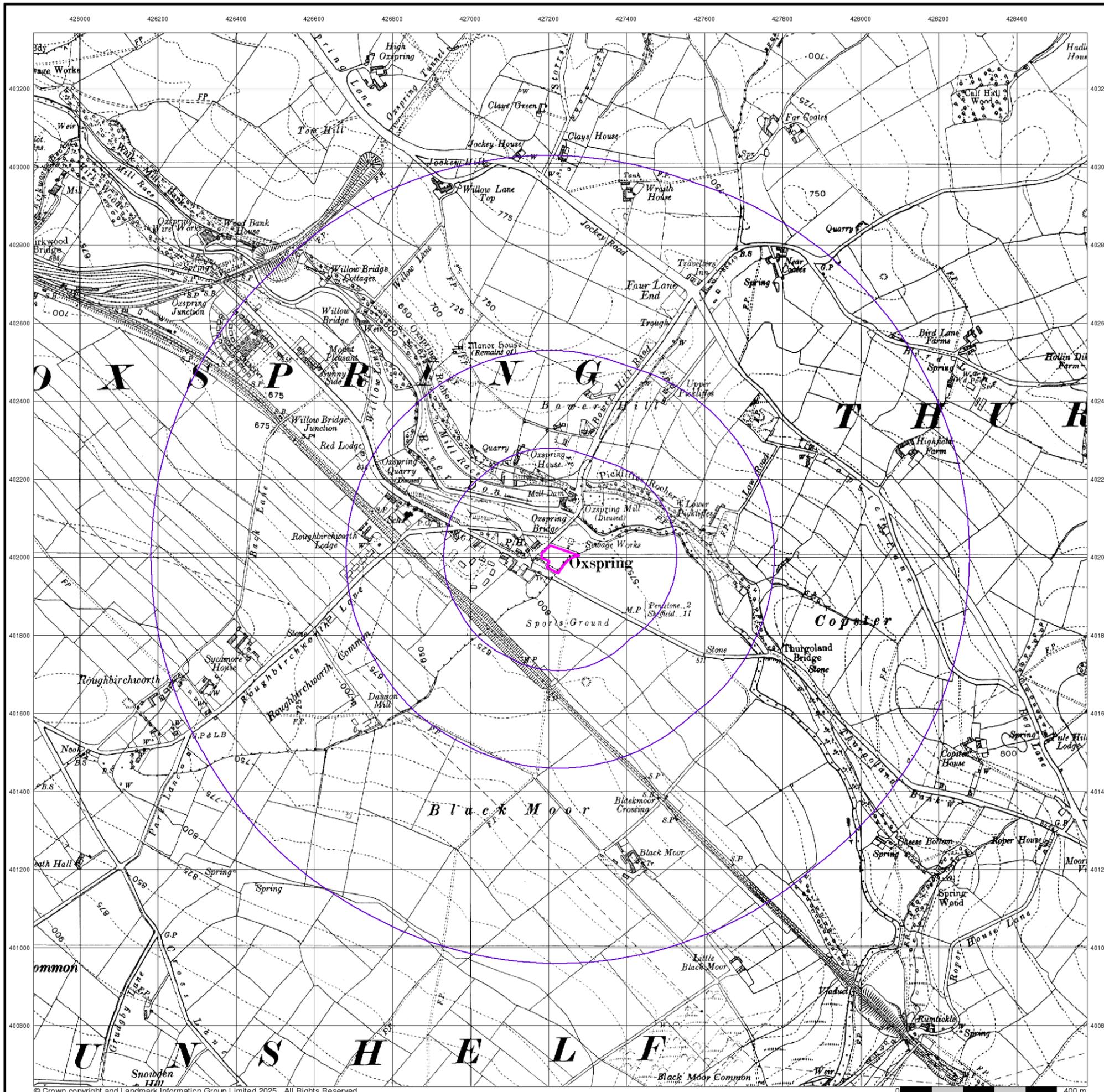


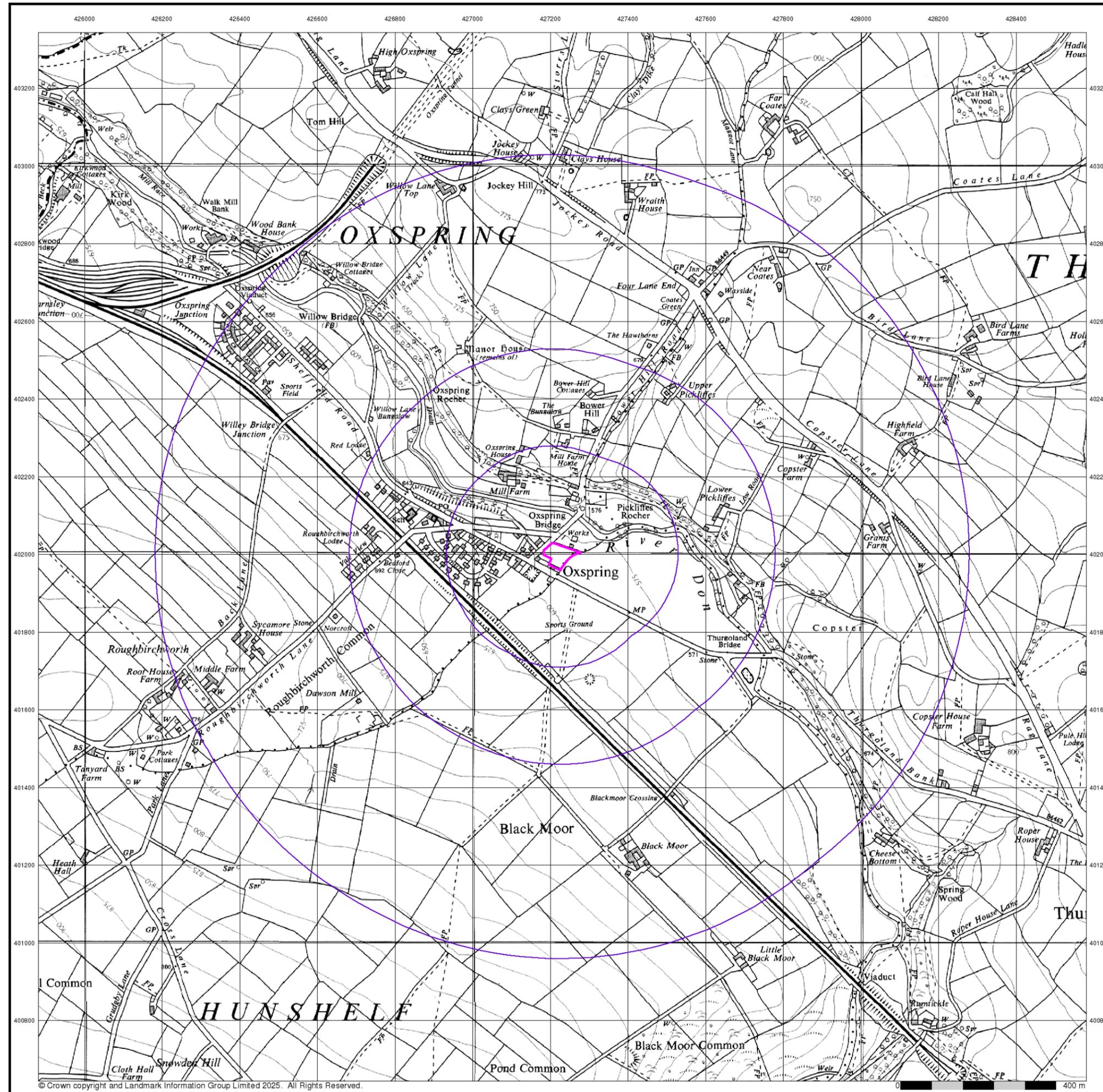
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 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000





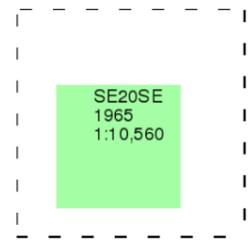
## Ordnance Survey Plan

Published 1965

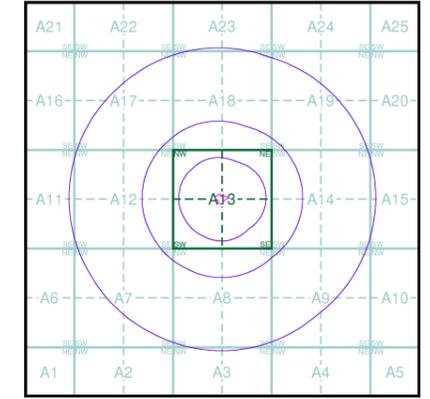
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overlaid 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: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000

## Ordnance Survey Plan

Published 1989

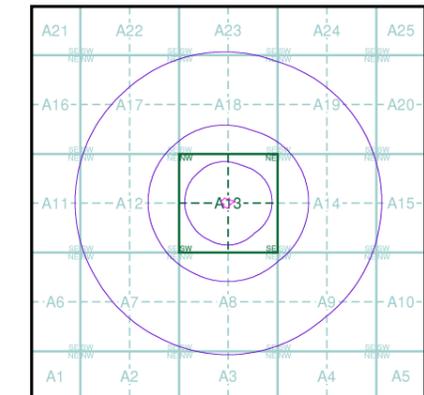
Source map scale - 1:10,000

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)

SE20SE  
1989  
1:10,000

### Historical Map - Slice A

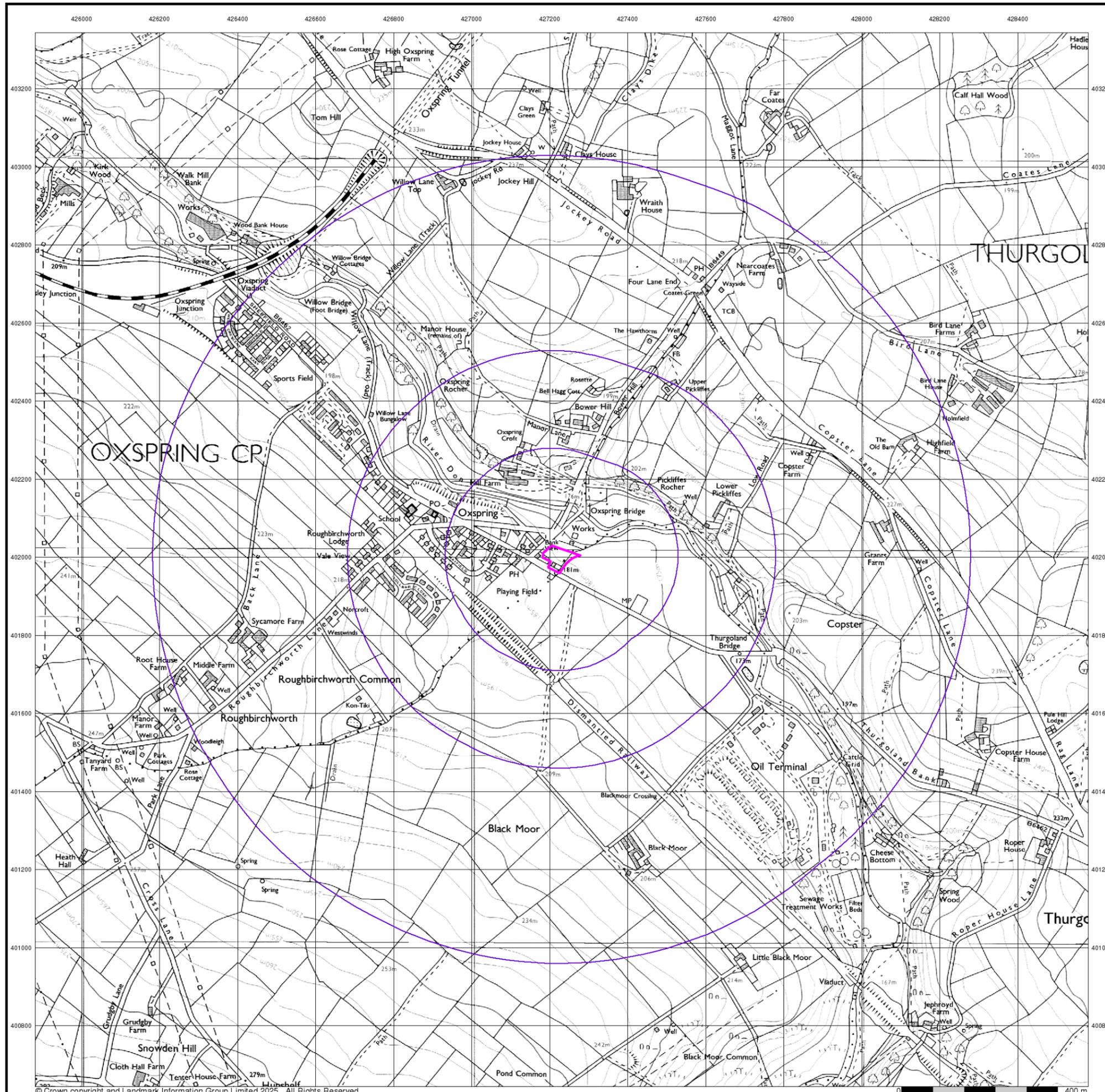


### Order Details

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Customer Ref: 49679  
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Slice: A  
Site Area (Ha): 0.33  
Search Buffer (m): 1000

### Site Details

Site at 427220, 402000



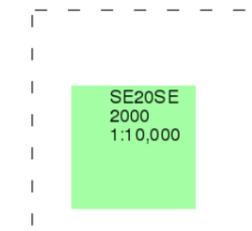
## 10k Raster Mapping

Published 2000

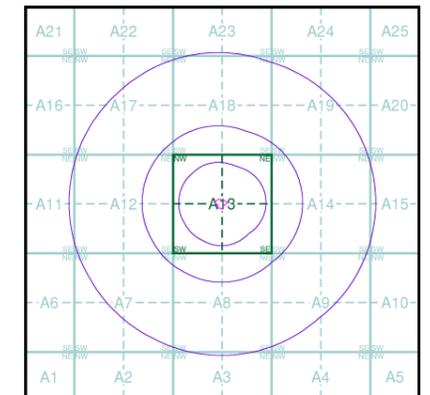
Source map scale - 1:10,000

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

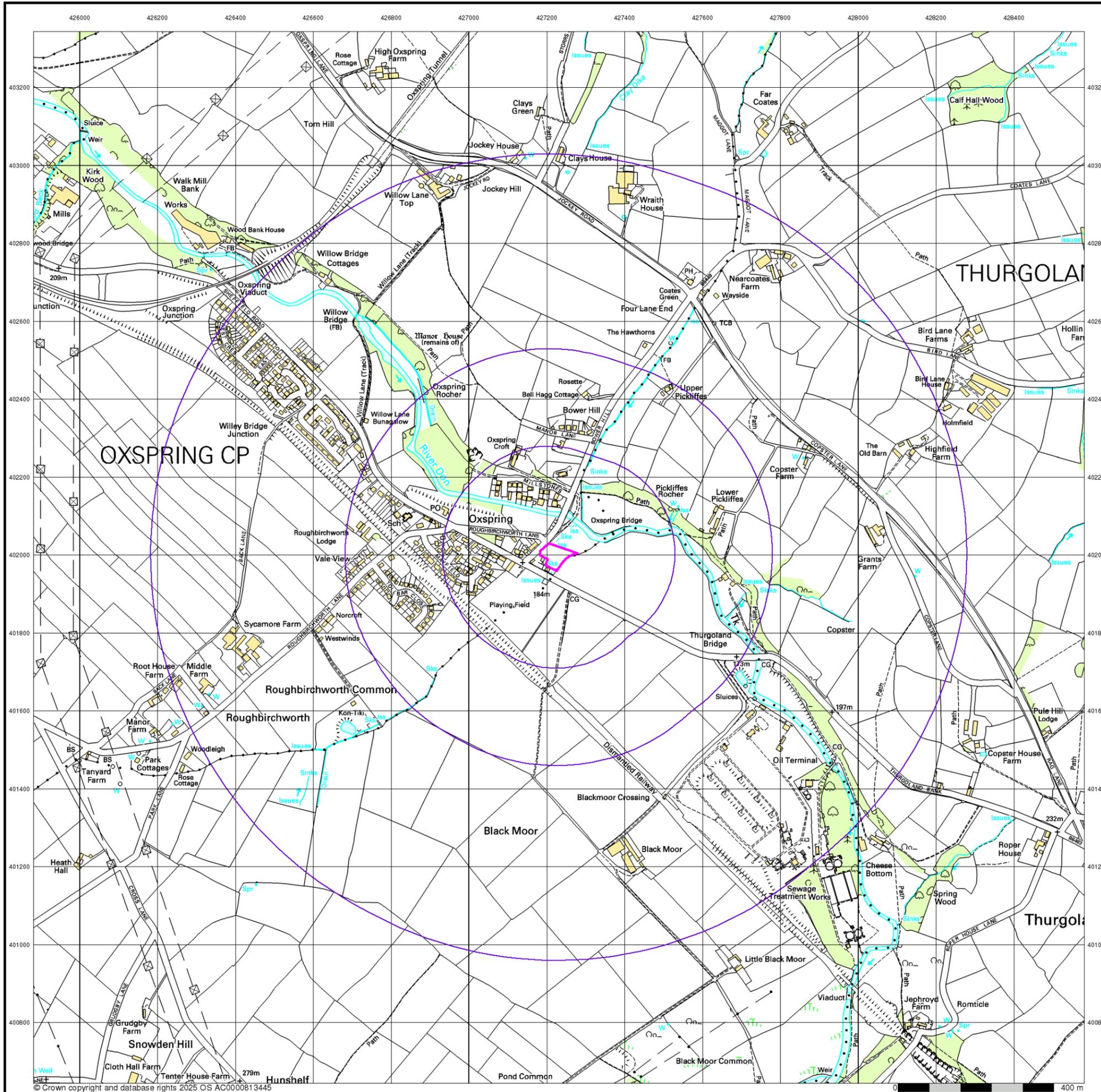


### Order Details

Order Number: 380100224\_1\_1  
Customer Ref: 49679  
National Grid Reference: 427230, 402000  
Slice: A  
Site Area (Ha): 0.33  
Search Buffer (m): 1000

### Site Details

Site at 427220, 402000



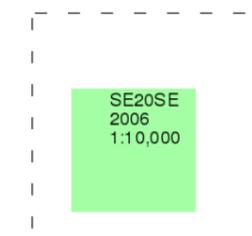
## 10k Raster Mapping

Published 2006

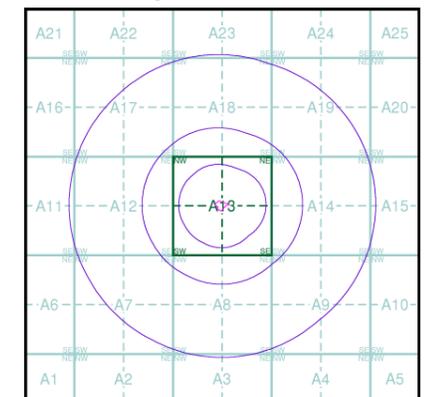
Source map scale - 1:10,000

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

### Map Name(s) and Date(s)



### Historical Map - Slice A

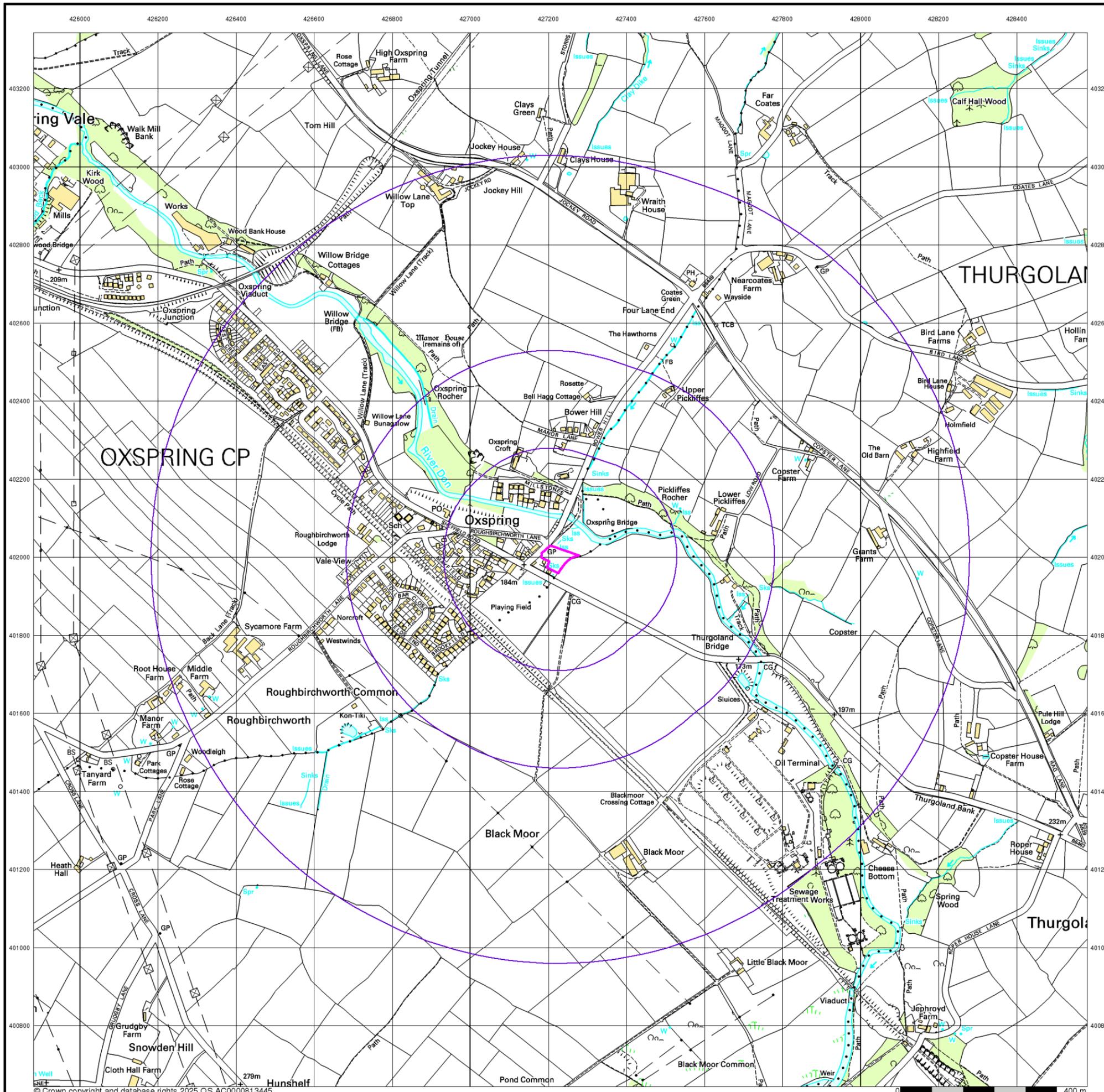


### Order Details

Order Number: 380100224\_1\_1  
 Customer Ref: 49679  
 National Grid Reference: 427230, 402000  
 Slice: A  
 Site Area (Ha): 0.33  
 Search Buffer (m): 1000

### Site Details

Site at 427220, 402000



## VectorMap Local

Published 2024

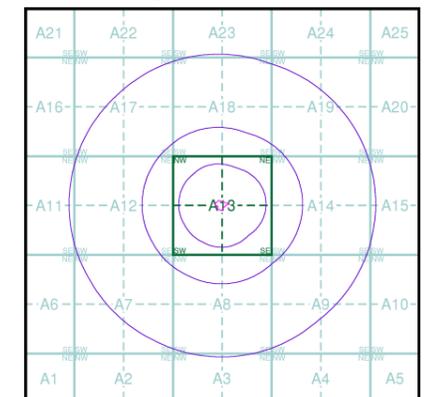
Source map scale - 1:10,000

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)

SE20SE  
2024  
Variable

### Historical Map - Slice A

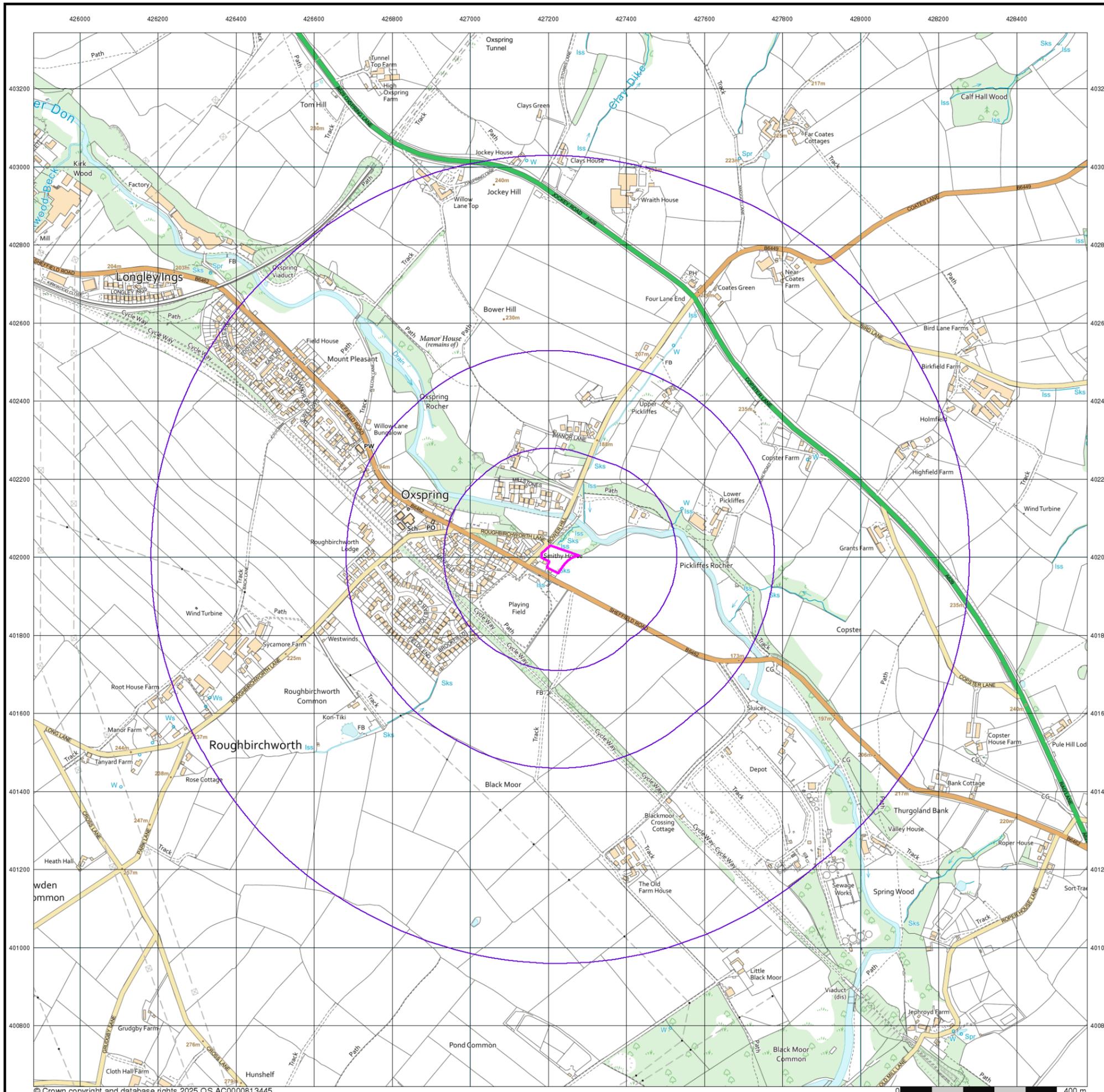


### Order Details

Order Number: 380100224\_1\_1  
Customer Ref: 49679  
National Grid Reference: 427230, 402000  
Slice: A  
Site Area (Ha): 0.33  
Search Buffer (m): 1000

### Site Details

Site at 427220, 402000





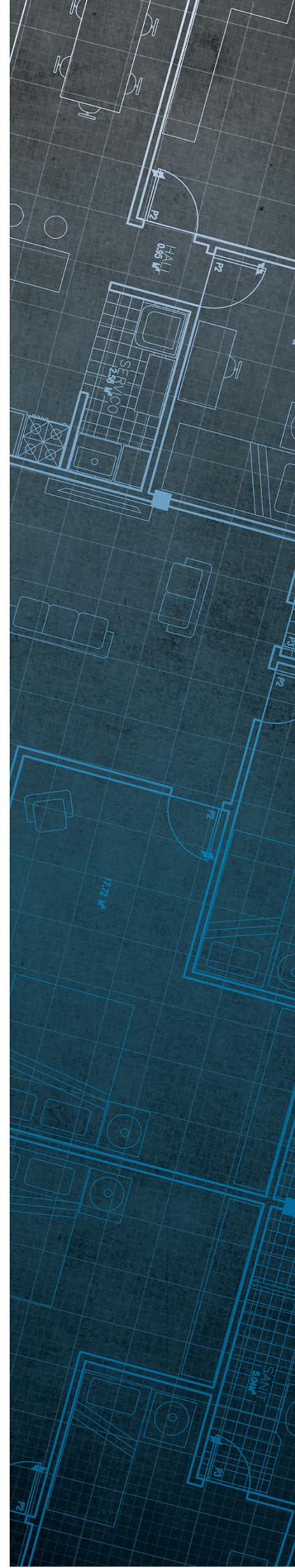
The Coal  
Authority

# Consultants Coal Mining Report

Land Adjoining Smithy House  
Sheffield Road/Bower Hill  
Oxspring  
Barnsley  
Barnsley  
S36 8YQ

Date of enquiry: 27 June 2025  
Date enquiry received: 27 June 2025  
Issue date: 27 June 2025

Our reference: 51003508288001  
Your reference: 49679



# 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 Adjoining Smithy House  
Sheffield Road/Bower Hill  
Oxspring  
Barnsley  
Barnsley  
S36 8YQ

## How to contact us

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

200 Lichfield Lane  
Mansfield  
Nottinghamshire  
NG18 4RG

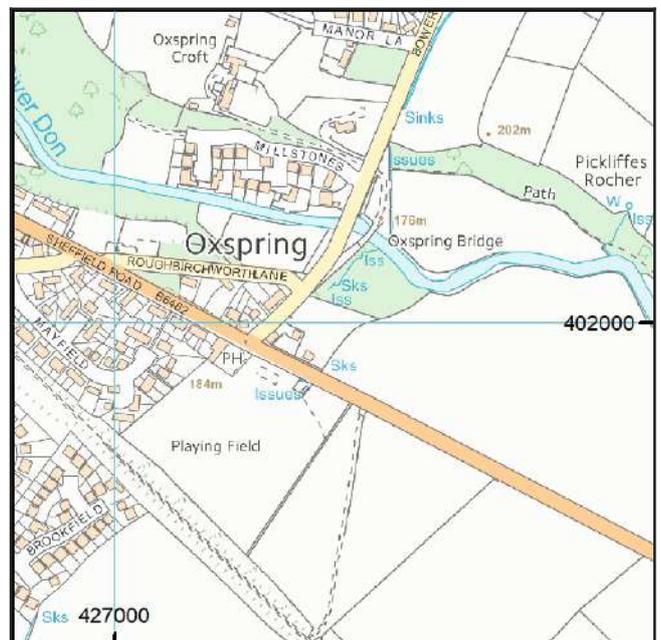
[www.groundstability.com](http://www.groundstability.com)

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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# Section 1 – Mining activity and geology

## Past underground mining

No past mining recorded.

## Probable unrecorded shallow workings

None.

## Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

## Mine entries

None recorded within 100 metres of the enquiry boundary.

## Abandoned mine plan catalogue numbers

None available.

## Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
BETTER BED	Coal	Yes	5.6	North-East	119

## Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

## Opencast mines

None recorded within 500 metres of the enquiry boundary.

## Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

## Section 2 – Investigative or remedial activity

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

### Site investigations

None recorded within 50 metres of the enquiry boundary.

### Remediated sites

None recorded within 50 metres of the enquiry boundary.

### Coal mining subsidence

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

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

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

### Mine gas

None recorded within 500 metres of the enquiry boundary.

### Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

## Section 3 – Licensing and future mining activity

### Future underground mining

None recorded.

### Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

### Court orders

None recorded.

### Section 46 notices

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

### Withdrawal of support notices

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

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

### Payments to owners of former copyhold land

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

## Section 4 – Further information

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

### Future development

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

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

## Section 5 – Data definitions

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

### Past underground coal mining

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

### Probable unrecorded shallow workings

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

### Spine roadways at shallow depth

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

### Mine entries

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

### Abandoned mine plan catalogue numbers

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

### Outcrops

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

### Geological faults, fissures and breaklines

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

### **Opencast mines**

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

### **Coal Authority managed tips**

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

### **Site investigations**

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

### **Remediated sites**

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

### **Coal mining subsidence**

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

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

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

### **Mine gas**

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

### **Mine water treatment schemes**

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

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

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

### **Future underground mining**

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

### **Coal mining licensing**

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

### **Court orders**

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

### **Section 46 notices**

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

### **Withdrawal of support notices**

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

### **Payment to owners of former copyhold land**

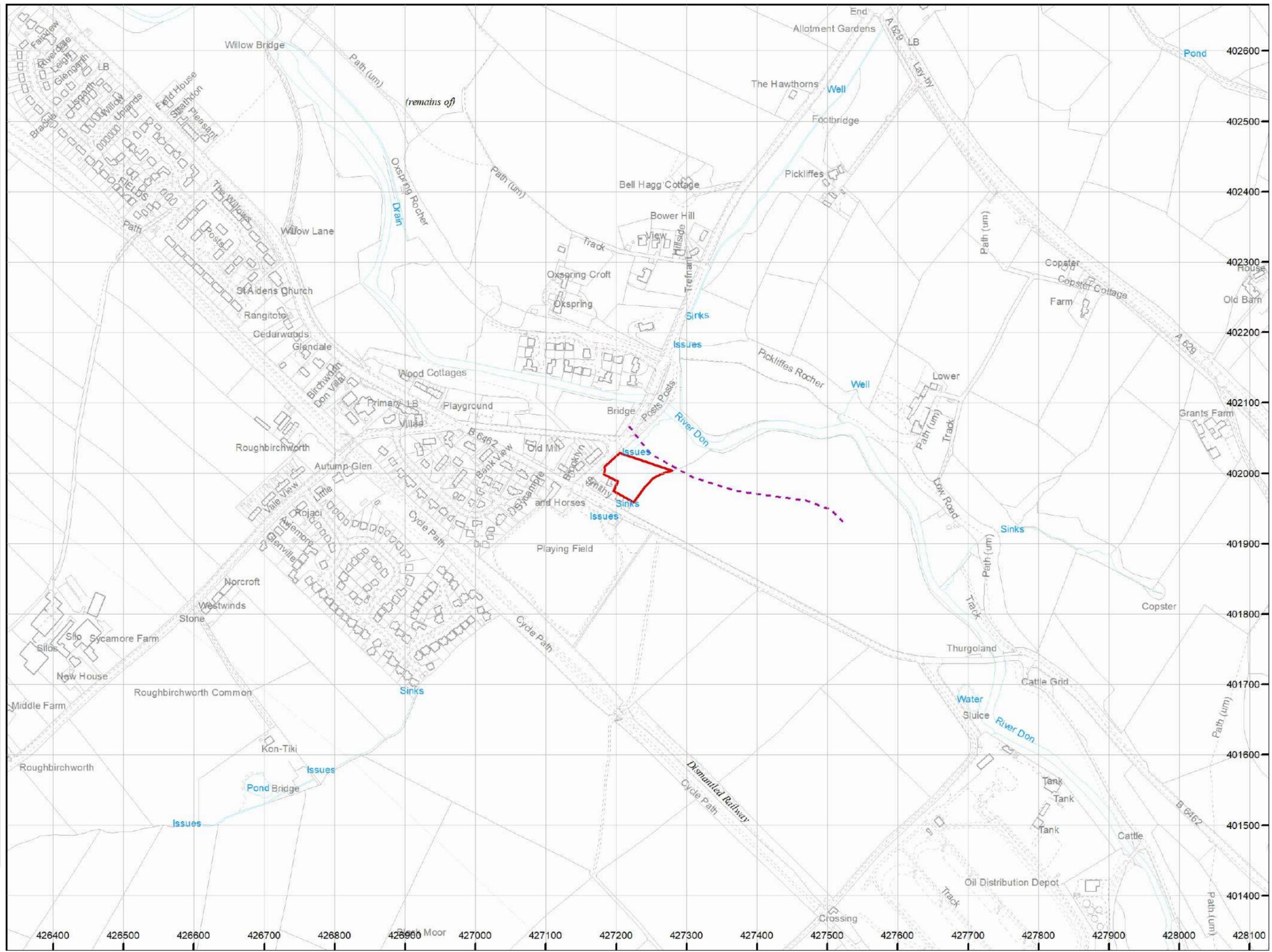
Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

The map highlights any specific surface or subsurface features within or near to the boundary of the site.

**Key**

- Approximate position of the enquiry boundary shown 
- Outcrop (Conjectured) 

**How to contact us**  
0345 762 6848 (UK)  
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[www.groundstability.com](http://www.groundstability.com)





# Eastwood

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