

For and on behalf of
Mr & Mrs Robinson

SUPPORTING STATEMENT

Hill Top Farm, Eastfield Lane, Thurgoland

**Prepared by
DLP Planning Ltd
Sheffield**

February 2019

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1.0 INTRODUCTION

1.1 The Town and Country Planning (General Permitted Development) (England) (Amendment) Order 2015 (2018) is a statutory instrument, applying in England, that grants planning permission for certain types of development. Schedule 2 Part 3 relates to changes of use and Class Q of this section grants permitted development rights for the change of use of agricultural buildings and any land within their curtilage to dwellinghouses falling within Class C3 of the Use Classes Order.

1.2 The legislation is broken into two parts, Class Q (a) which grants permission for the change of use, and Class Q (b) which grants permission for building operations reasonably necessary to convert the building to a dwelling.

1.3 Class Q requires that for proposals relating to the change of use of an agricultural building and its curtilage to a dwellinghouse, a determination should be made as to whether the prior approval of the local planning authority will be required regarding:

- transport and highway impacts of the development;
- noise impacts of the development;
- flooding risks on the site;
- risk of contamination;
- whether the location or siting of the building makes it otherwise impractical or undesirable for the building to change from agricultural use to a dwellinghouse; or
- the design or external appearance of the building.

1.4 This Statement should be read alongside the following documents:

- Application form;
- Site location plan;
- Existing floor plans and elevations;
- Proposed floor plans and elevations.

2.0 SITE CONTEXT AND PLANNING HISTORY

- 2.1 Hill Top Farm is located on Eastfield Lane which is situated about a mile north of the village of Thurgoland, there are several dwellings within the immediate area forming a hamlet.
- 2.2 The site itself is an agricultural holding made up of several large rectangular agricultural barns (Fig.1), used to rear Turkeys. The barns located along the western boundary are formed of blockwork walls, corrugated metal roofs and a steel frame and enclosed on all four sides. The smaller central and eastern barns possess low ceilings and are formed of wooden beams and a corrugated metal shell. Access is achieved into the site from Eastfield Lane, via an entrance to the north east of the site.

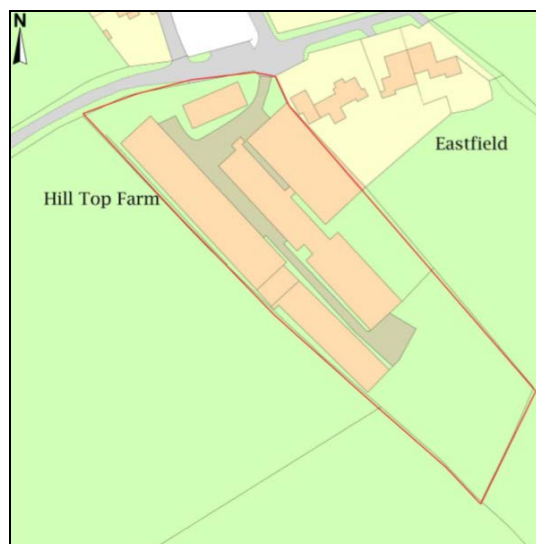


Figure 1. Hill Top Farm Location Plan

- 2.3 Located directly to the east of the application site are two large residential dwellings each with rear outbuildings. Directly north of the site are eight residential dwellings, beyond them to the north is a large agricultural shed. The surrounding area is predominately agricultural, along Eastfield Lane there are various residential dwellings and agricultural holdings.
- 2.4 The barn subject to this Prior Notification application is located along the western boundary of the site and is enclosed on all four sides. The barn has been examined by a structural engineer who has confirmed that it is structurally sound and can accommodate the required alterations necessary for a residential conversion without any foundation or structural work (Appendix 1).

- 2.5 A County Parish Holding (CPH) number: C1143607 was obtained in March 2013 in order to allow the holding at Hill Top Farm to keep livestock. Upon obtaining consent for the development the agricultural functions of the site will cease, meaning that future residents would not be impacted by associated operations.
- 2.6 A search of the Local Authority's online planning portal identifies the following planning application that relate to the application site.

Application Reference	Description	Decision
2010/0973	Erection of a detached farmhouse dwelling.	Refuse (5 th August 2010)
2015/0768	Demolition of existing agricultural building and erection of agricultural workers dwelling	Refuse (12 th August 2015)

Table 1. Planning Application History

- 2.7 In 2015 planning permission was refused for the demolition of an agricultural building and erection of agricultural workers dwelling on grounds that the justification for an agricultural workers dwelling in the Green Belt was insufficient and that the proposed dwelling was disproportionately large for the size of the holding and functional needs of the agricultural business on site.
- 2.8 It is highlighted that this development proposal submitted under Paragraph Q.1 of the Town and Country Planning (General Permitted Development) (England) Order 2015 No. 596, is not assessed against the Local Plan Policies in the same way as these previous planning applications.

3.0 PROPOSED DEVELOPMENT

- 3.1 The existing barn will be converted into 5x dwellings using the existing form and structure of the building under Class Q Permitted Development Rights.
- 3.2 The dwellings consist of 2 larger dwellings (more than 100m but no more than 465m of floorspace) and 3 smaller dwellings (no more than 100m of floorspace each). The floor spaces of each proposed dwelling are listed below:
- Plot 1 – 288 sqm
 - Plot 2 – 100 sqm
 - Plot 3 – 100 sqm
 - Plot 4 – 100 sqm
 - Plot 5 – 175 sqm
- 3.3 The total floorspace of the 5 dwellings will total 763 sqm, measured externally. The proposed site plan demonstrates that the curtilage of the dwellings are no larger than the footprint of the existing agricultural building.
- 3.4 The building is structurally sound, and is already suitable for conversion to residential use. The proposal involves the use of the existing blockwork wall, existing steelwork and sheet cladding. The roof will be replaced with a metal clad roofing system and the exterior will be clad with vertical timber boarding. Aluminium framed windows and doors will be installed to make the building habitable.
- 3.5 The supporting Structural Survey (Appendix 1) confirms that all barn posts are plumb, blockwork walls are plumb, the floor slab was level and that the steelwork was in good condition. Provided that measures are taken to preserve the steelwork and that damp proofing methods and insulation are incorporated the building is appropriate and capable for conversion for residential use.
- 3.6 Each property will possess residential curtilage no larger than the floorspace of each property, as illustrated by drawing number: 0315.002B_p Site Plan.
- 3.7 Access to the dwellings will be taken from the existing access point on Eastfield Lane.

Compliance with Class Q Permitted Rights

- 3.8 The site has solely been in use for agricultural purposes for over 50 years exceeding the threshold of 20th March 2013 set by Paragraph Q.1. **criteria (a).**
- 3.9 The cumulative floorspace of separate larger dwellinghouses developed under Class Q does not exceed 3 and the cumulative floorspace of of the existing building changing use to a larger dwellinghouse does not exceed 465 sqm in line with **criteria (c) part (b)**. In the case of smaller dwellinghouses the cumulative number of separate dwellinghouses developed under Class Q does not exceed 5 nor does the floospace of any one separate dwellinghouse exceed 100 sqm, in accordance with **criteria (c) part (c)** of Paragraph Q.1.
- 3.10 The proposal results in two dwellinghouses having no more than 465 sqm of floorspace cumulatively (175 sqm & 288 sqm) and 3 smaller dwellinghouses each no larger than 100 sqm (3x 100 sqm) in line with **criteria (d)**.
- 3.11 The site is not occupied under an agricultural tenancy **criteria (e) to (f)**, and is not affected by any of the constraints set out in **criteria (j) to (m)** of Paragraph Q.1.
- 3.12 There have been no previous dwellings on the agricultural unit formed under Class Q permitted development rights. The applicant has not exercised any permitted development rights under Class A (a) or Class B (a) of Schedule 2, Part 6 of the GPDO since 20th March 2013 in accordance with **criteria (g)**.
- 3.13 The proposed conversion does not involve the extension of the external dimensions of the existing building in line with **criteria (h)**, the existing walls will be retained.
- 3.14 The development proposal only consists of building operations including the installation and replacement of windows, doors, roofs and exterior walls and the installation of connection to utilities including water, drainage, electricity and gas etc. The proposal also includes partial demolition of the barn in order to create separate dwellings. The proposal only includes building operations that are acceptable as set out within **criteria (i) i-ii**.

4.0 ASSESSMENT AGAINST THE CRITERIA IN CLASS Q

- 4.1 Paragraph Q.2 of the GPDO requires the local planning authority to assess the proposal solely on the basis of its impact in terms of transport and highways, noise, contamination, flooding, whether the location or siting of the building make it otherwise impractical or undesirable for the change of use and the design and external appearance of the building. The following section of this report will discuss each criteria individually:

Transport and Highways

- 4.2 Paragraph 109 of the NPPF states that *“Development should only be prevented or refused on highways grounds if there would be an unacceptable impact on highway safety, or the residual cumulative impacts on the road network would be severe.”*
- 4.3 The site is accessed off Eastfield Lane which is an adopted, classified highway with good visibility in both directions from the site entrance. The use of the site for 5 dwellings would generate minimal vehicle movements and a safe and suitable access can be accommodated as part of the proposed development.
- 4.4 Therefore it is concluded that the proposals would not prejudice the safe or efficient use of the highway network.

Noise Impact

- 4.5 The application site is situated in a relatively tranquil area remote from noise generating sources. It is not therefore considered that the amenities enjoyed by future occupiers of the buildings would be unacceptably affected by noise.
- 4.6 The proposed dwelling is sufficiently distant from other residential properties to avoid causing any unacceptable impacts upon the amenities enjoyed by their occupiers.
- 4.7 The proposal will cease all agricultural functions on site, meaning that future residents would not be impacted by associated operations.
- 4.8 For the above reasons, the use of the building for residential purposes would not impact adversely on any other nearby properties and the amenity of any future occupants will not be compromised.

Contamination Risk

- 4.9 A Phase I Ground Investigation Report has been produced by Eastwoods and Partners in support of this Prior Approval application and to assess the contamination risks on site (Appendix 2). The report sets out that there is no reason to expect elevated concentrations of contaminants in the natural ground at the site. Made ground might be present beneath the site. No work will be undertaken beneath the site, foundations are sufficient (Structural Survey confirmed) to accommodate the proposed development.
- 4.10 The report did identify there to be two fuel tanks used for heating of the sheds, but that these are likely to be removed as the proposals. Asbestos sheeting was identified, and it was recommended that these were removed by a specialist contractor (Para 12 of the Executive Summary).
- 4.11 Where made ground remains on site in areas of private gardens or shared open space, the report recommends that a 600mm thick clean capping (including 100mm of topsoil) is allowed for. Alternatively, the material could be placed beneath areas of hard cover or removed from site.
- 4.12 The report concludes that unexpected contamination is not expected to be present on site.

Flood Risk

- 4.13 The Environment Agency's flood maps show the site as being within Flood Zone 1 where there are no significant or unacceptable risks to residential development. The development would not materially increase flood risk within the locality as the building and surfaced access track are existing features.
- 4.14 A Phase I Flood Risk Assessment has, therefore, not been submitted as part of this application.

Design and external appearance

- 4.15 The design and external appearance of the buildings has been very carefully considered to ensure that building operations are only those reasonably necessary to convert the building. The proposals will retain the character of the appearance of the existing building and as a result the rural character of the locality will be preserved.
- 4.16 The existing building is enclosed on four sides and is capable of performing the primary

function of a dwelling; to provide a secure environment with shelter from the elements. The partial demolition proposed is only required in order to provide separate dwellinghouses. In principle these amount to the reconstruction of a single elevation, internal to the site so as to reduce the size of the retained building to that which is acceptable under class Q. This includes partial demolition and the installation of exterior walls (PPG Paragraph 105 – ID 13 – 105 - 20180615) and the insertion of a limited number of windows and doors within existing elevations.

- 4.17 The internal building works required to insulate, partition and provide the normal features of any modern dwelling do not require consent. The works are wholly internal and will not materially affect the external appearance of the dwelling. Therefore this application seeks consent for the change of use of the building and the external works permitted which are permitted by virtue of Class A (a) and Class B (a) of Schedule 2, Part 6 of the GPDO.
- 4.18 The General Permitted Development Order as amended (2016) is explicit in listing the external alterations that are permitted under Class Q (b) provided they are reasonably necessary for the conversion of the building in to a dwelling. The proposed external works have been designed in accordance with these criteria.
- 4.19 The land around the dwelling will be attractively landscaped. The garden will not be unduly prominent within the countryside as it will be viewed in the context of existing built development. As a result, the proposal will enhance the buildings and their immediate setting.

5.0 CONCLUSION

- 5.1 The building is in agricultural use and has been so since before 20th March 2013. It is structurally sound and capable of accommodating the alterations required to facilitate residential conversion. The proposal satisfies the relevant criteria set out in Paragraph Q.1 of the Town and Country Planning (General Permitted Development) (England) Order 2015 No. 596. The conversion to residential use does not therefore require planning permission.
- 5.2 The supporting Structural Survey confirms that all barn posts are plumb, blockwork walls are plumb, the floor slab was level and that the steelwork was in good condition. Provided that measures are taken to preserve the steelwork and that damp proofing methods and insulation are incorporated the building is appropriate and capable for conversion for residential use.
- 5.3 The limited extent of work required to achieve the conversion installation of a single external elevation in each proposed dwelling, plus the insertion of windows and doors are all well within the scope of works described by the PPG (Paragraph 105 – ID 13 – 105 - 20180615).
- 5.4 The proposed dwelling would not unacceptably impact upon the safe or efficient use of the highway network, it would not give rise to any or be vulnerable to unacceptable noise impacts, it would not increase flood risk and is not at risk from contamination. The building is sited in a rural area, but is in close proximity to the highway network to which it is connected to by an existing surfaced access. The building has access to power and utilities which are located on site. The proposed dwelling is not situated in close proximity to any other uses which are incompatible with residential use. Residential use is not therefore impractical or undesirable in this location.
- 5.5 It is our view that the proposed development constitutes permitted development under Class Q of the GPDO.

6.0 APPENDICES

Appendix 1 – Structural Survey

Appendix 2 – Phase I Ground Investigation

APPENDIX 1

Hill Top Farm,
Eastfield Lane,
Thurgoland,
S35 7AY.

2nd August 2018

For the attention of Mr. I. Robinson:

Dear Mr. Robinson,

Ref: Inspection of the Structure of the Agricultural Buildings at Hill Top Farm.

I write as promised following my inspection at the premises last Friday 27th July.

By way of preamble you explained that conversion into accommodation of some of the outbuildings was in prospect. Whilst, clearly, this would involve extensive alteration, you anticipated incorporating the steel frames into the new structures. You required a professional opinion as to the condition of the steel super-structure as a precursor before preparing your scheme.

To help our understanding of the layout I have prepared sketches of the outbuildings in prospect. These are described as Buildings A and B. These are shown on sketch 0718-11/1. In brief these are the later structures at the north-west corner of the site, nearest the road.

Layout: Buildings A and B are each about 36m long by 15m wide. Their steel frames comprise 7 portals at 4.6m centres having internal columns of 178mm by 102mm UB (Universal Beam) sections with rafters of 152mm by 89mm UBs. At the ends of these rafters, posts also 152mm by 89mm, are housed within the depth of the elevations. The lower section of the internal posts is provided with protection being encastre within concrete 300mm in diameter.

Observations on Condition: I checked and found all posts to be plumb – both the free- standing posts and those set within the thickness of the walls. Blockwork walls are plumb (some sections are battered – built with face leaning back). The floor slab was level where checked. Although cracked in places it is solid and in good condition. The steelwork is in good condition. It has been painted with red oxide. In all internal areas this is virtually unblemished. The ends of rafters and flanges exposed in the elevations exhibit light surface corrosion – but they have not deteriorated to any material extent.

Summary: Although, clearly, the conversion of these outbuildings into accommodation will demand extensive alteration, it is my opinion that, providing measures are taken to prepare and protect the steelwork, this can be incorporated into the new arrangement. It is my view that the floor slabs could also be incorporated, being a satisfactory base for damp proofing measures and insulation, ready for an overlay.

If you have any queries or comments, please do not hesitate to contact me.

Yours sincerely,

A handwritten signature in black ink, reading "Keith J. Groom". The signature is written in a cursive style with a large, stylized 'K' and 'G'.

Keith J. Groom
NASHMEAD Ltd.

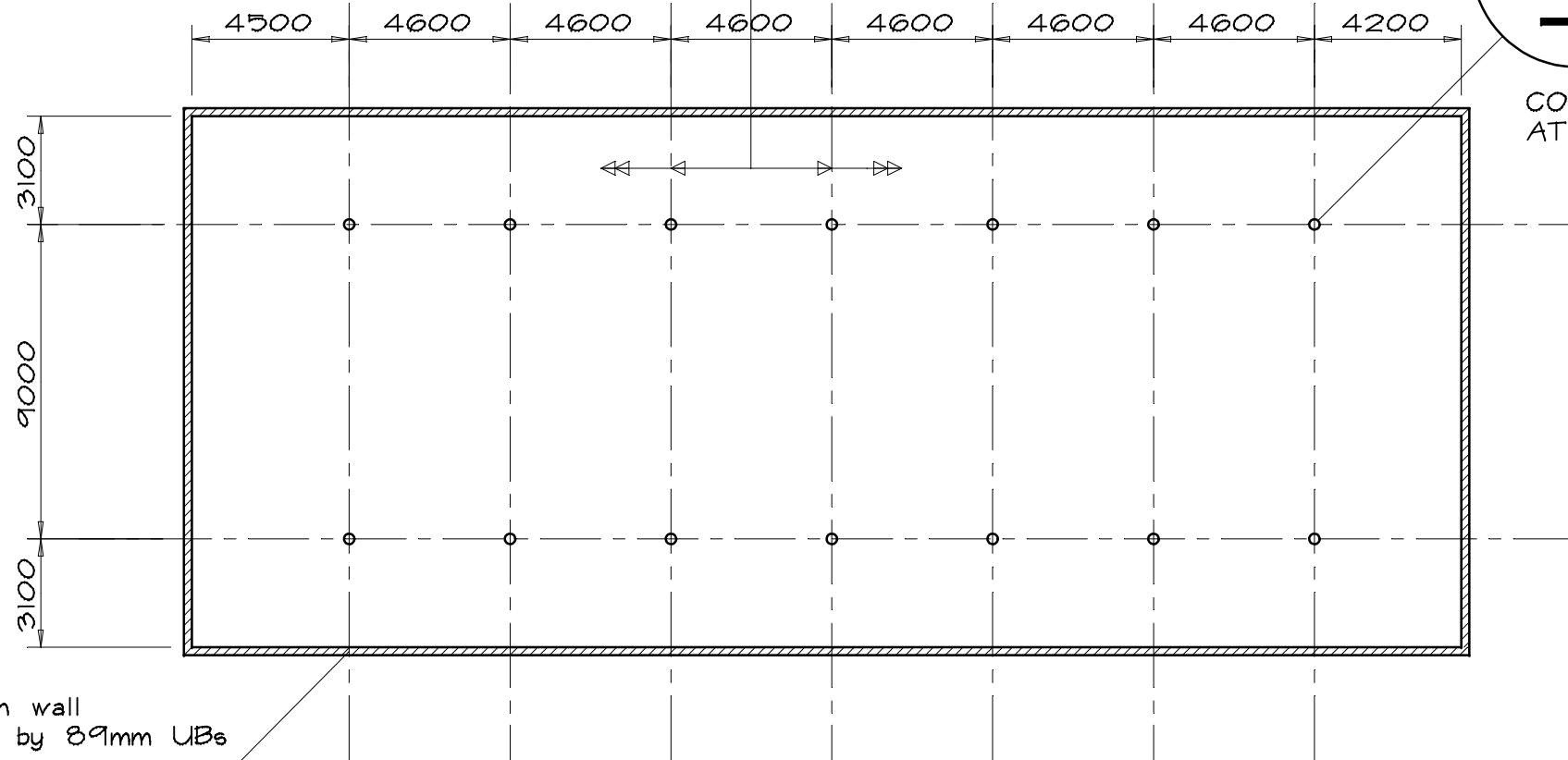
HILLTOP FARM, EASTFIELD LANE, THURGOLAND

SKETCH PLAN OF BUILDINGS A AND B

rafters of portals are 152mm by 89mm UBs

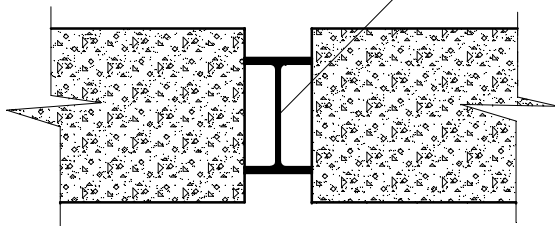
columns are
178mm by 102mm UBs

casing is 300mm diameter concrete



COLUMN DETAIL
AT 1:10

posts set in wall
are 152mm by 89mm UBs



WALL DETAIL AT 1:10

NASHMEAD 0718-11/1

1:200

APPENDIX 2

**PHASE 1
GEO-ENVIRONMENTAL
SITE INVESTIGATION**

**HILL TOP FARM
EASTFIELD LANE
THURGOLAND**

FOR

IAN ROBINSON



43338-001

November 2018

**PHASE 1
GEO-ENVIRONMENTAL
SITE INVESTIGATION**

**HILL TOP FARM
EASTFIELD LANE
THURGOLAND**

**FOR
IAN ROBINSON**

ISSUE 1

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APPENDIX

Site Walkover Photographs

Envirocheck Report

1.0 EXECUTIVE SUMMARY

1. The approximately 1 hectare site is located to the south of Eastfield Lane in Thurgoland, Sheffield. It currently comprises a former turkey farm with numerous sheds and barns, together with associated hardstanding areas. It is proposed to convert the agricultural sheds and barns into residential dwellings through a Class Q conversion process.
2. An area of pasture lies towards the southern and south eastern end of the site.
3. Historically, the site was open undeveloped land until 1960 when buildings appear on the site, likely to be for agricultural use. The current site layout becomes apparent by 1984. The surrounding area is rural with some scattered farmhouses.
4. The sheds comprise either steel or timber portal frame structures, on concrete ground slabs with walls comprising either precast concrete sections, blockwork, corrugated metal or corrugated cement bound asbestos sheeting. The roofing comprised corrugated cement bound asbestos sheeting.
5. There are two former above ground fuel tanks at the site, used to heat the turkey sheds.
6. A small area at the southern end of the sheds was noted to be occupied by stockpiles of general green waste and construction waste, with evidence of some burning.
7. The geology below the site comprises sandstone of the Pennine Lower Coal Measures.
8. The geology is classified as a Secondary A aquifer. The site does not lie in a Groundwater Source Protection Zone.
9. The site is not affected by flooding.
10. No significant made ground or contamination is expected on or beneath the site.
11. No radon precautions are required. There are no active landfills recorded within 250 m of the site. However, there are numerous small areas of infilled land to the south of the site, probably associated with old coal and mineral workings and a former open cast coal mine to the immediate west of the site. Given the likelihood that these features will have been backfilled with natural arisings, and the age since the workings were backfilled it expected that the risk of gas generation and migration to the site is very low.
12. The cement bound asbestos products (ACMs) used in the shed construction are likely to be replaced with materials more appropriate for use in a residential structure. The ACMs shall be removed from site by a specialist licensed contractor.

13. The fuel tanks are expected to be removed as part of the conversion. If significant evidence of historical spillage is noted, then treatment/removal of the affected soils will be required.
14. It is expected that the surface waste materials at the southern end of the sheds will be removed from site.
15. Where made ground remains on site in areas of private gardens or shared open space and is shown to be impacted by contaminants, it is recommended that a 600 mm thick clean capping (including 100 mm of topsoil) is allowed for. Alternatively the material could be placed beneath areas of hard cover or removed from site.
16. At this stage protective water supply pipes should be allowed for in any made ground.
17. The conclusions made in this report in relation to contamination are subject to agreement by the approving bodies and your warranty provider.

2.0 INTRODUCTION

2.1 Terms of Reference

This report presents the findings of a Phase 1 Geo-environmental Site Investigation carried out by Eastwood & Partners (Consulting Engineers) Limited for, and on the instructions of Ian Robinson. 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

Eastwood & Partners are not aware of any previous investigations having been undertaken on the site.

2.3 Aims and Objectives

The aims and objectives of this investigation were to assimilate and review information extracted from published documentation together with a site walkover to assess the contamination risks on the site, in order to satisfy Condition (c) for Class Q conversions as outlined in The Town and Country Planning (General Permitted Development) (England) Order 2015.

2.4 Scope of Investigation

This document constitutes the findings of the Phase 1 investigation. This 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;
- British Geological Survey maps; and.
- A site walkover

2.5 Limitations of Investigation

This report is based on the assumption that some of the site's existing agricultural buildings will be demolished and the remainder converted into residential dwellings together with private gardens and areas of public open space. It is assumed that existing ground levels will not alter significantly, and no new below ground foundations are to be constructed. If this is not the case, then the advice given in this report may not be appropriate.

Where assessments of site areas affected in particular ways are given, these are approximate. All information, comments and opinions given in this report are based on the documentary information examined. This report considers the ground surface conditions and above ground contamination sources and does not cover any structural appraisal of buildings or their fabric or hardstanding other than factual observations. Risks to ecological receptors, such as bats, have not been considered.

3.0 THE SITE

3.1 Description

The approximately 1 hectare site is located to the immediate south of Eastfield Lane, Thurgoland, Sheffield, and is centred around grid reference 429560,402580.

A site walkover was conducted on 30 October 2018; a selection of photographs from the walkover are included in the Appendix.

The site is approximately rectangular on plan and currently comprises a number of agricultural sheds formerly used for turkey rearing, together with areas of hardstanding (typically concrete, rough macadam and compacted hardcore) and a number of silos and tanks. An approximate L-shaped area of open land, comprising pasture, occupies the southern and south eastern third of the site. A largely open-sided shed / barn occupies part of the northern boundary of the site and is used for parking both domestic and farm vehicles and storing timber.

Access to some of the main sheds was possible and these were largely empty, with some farming machinery being stored and scattered turkey farming equipment evident.

The sheds appear to comprise portal frame structures, on concrete ground slabs with walls comprising precast concrete sections, blockwork, corrugated metal or corrugated cement bound asbestos sheeting. The roofing comprised corrugated cement bound asbestos sheeting.

The site is accessed from the north east corner from Eastfield Lane. The main sheds which are proposed for conversion are located along the western boundary. It is anticipated that the remaining sheds that occupy the central and eastern parts of the site will be demolished and landscaped accordingly.

Two fuel tanks were noted on site, raised on brick or block plinths. These were believed to contain kerosene to heat the sheds.

Two LPG (propane) tanks were noted in the north western corner of the site, at the northern end of the main row of sheds occupying the western boundary.

At the southern extent of the main row of sheds, downslope towards the small pasture area, various stockpiles of materials were present, together with a large skip. The stockpiles comprised a small heap of limestone gravel, (possibly Type 1 material), piles of brash / felled timber / roots etc., some scrap metal and a pile of ash from burning rubbish and waste timber etc.

The site slopes down to the south east from 190 m AOD to 180 m AOD at a gradient of approximately 1 in 20.

The site boundaries are formed by hedgerows and a few mature trees.

The surrounding area is largely rural. Eastfield Lane forms the northern boundary, with a recently constructed small residential development immediately beyond together with a small number of older houses extending along Eastfield Lane to the east. A heating oil tank which serves the residential property immediately next door is located on site, on its eastern boundary close to the site entrance.

Overhead electrical transmission lines are present just beyond and run approximately parallel with the southern boundary of the site. Rural land extends beyond all the remaining boundaries of the site.

3.2 History

Historical Ordnance Survey maps in the Envirocheck report and recent aerial photography have been reviewed to assess the previous use of the site and surrounding area. The historical maps can be found in the Appendix.

3.2.1 The Site

The historical maps show the site remains as undeveloped open land until 1960, when a number of buildings appear within the northern half of the site, resembling sheds or barns for probable agricultural use. The layout of the buildings suggests they pre-date the current ones. By 1984 the layout of the buildings largely resembles that of today.

No further significant changes are noted on the subsequent maps.

3.2.2 The Surrounding Area

The earliest maps, beginning 1848, show that the general area is known as 'Eastfield'. Scattered farm buildings are evident along Eastfield Lane; all of which remain to the present day, with some extensions and building layout changes occurring throughout the subsequent maps.

The buildings to the immediate east of the site on the southern side of Eastfield Lane are evident on the 1960 map. The 1984 map shows a large elongate shed, located approximately 100 m north of the site, together with an electricity sub-station, about 70 m north of the site. These features remain until the present day. Recent planning maps supplied by the client shows the property to the immediate east of the site has been extended.

No other significant changes are shown on the historical maps.

3.3 Geology

The geological map Old Series 282 NW (1:10,560) and the British Geological Survey (BGS) Online Viewer have been consulted. The solid geology beneath the site is expected to comprise sandstone strata of the Pennine Lower Coal Measures Formation. Some mudstone may be present at the south east corner of the site.

A fault is shown, approximately along the eastern boundary of the site, downthrown to the south west.

3.4 Hydrogeology

The underlying bedrock is classified as a Secondary A Aquifer which 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 site is not within a Groundwater Source Protection Zone and there are no groundwater or surface water abstractions within 250 m of the site.

3.5 Hydrology

The nearest surface water feature is located approximately 100 m south of the site; a minor watercourse known as Bagger Wood Dike. It flows approximately to the north west.

3.6 Coal Mining

Open cast coal mining is believed to have occurred adjacent to the site at some time in the past (see section 3.7 below). The potential for shallow coal mining beneath the site has not been considered as part of this report.

3.7 Ground Gas

According to the Envirocheck report, the site is in a lower probability radon area (i.e. less than 1% of homes are estimated to be at or above the action level). No radon protective measures are necessary in new dwellings or extensions.

No significant thickness of made ground is expected on the site.

There are no historical or active landfill sites within 250 m of the site.

There are several areas of potentially infilled land, associated with old pits and quarries etc.; these are upwards of 130 m from the site and are not expected to present any significant gas risk.

The Coal Authority Interactive map viewer indicates a former open cast coal mine was located to the immediate west of the site, continuing on to Pinfold Lane, located approximately 550 m to the west. No further information is available. The workings are not recorded in the Envirocheck report. The backfill to the workings is considered not to present a significant gas risk to the proposed development, as it is expected that the materials are natural arisings and will be largely inert.

3.8 Pollution Incidents to Controlled Waters

The Envirocheck report indicates that there are no recorded pollution incidents to controlled waters within 500 m of the site.

3.9 Discharge Consents

According to the Envirocheck report, there is one discharge consent within 250 m of the site, located 83 m to the north and operated by Mr David Warttig. The discharge consent relates to 'sewage discharges – final/treated effluent – not water company.' The discharge drains onto land, downslope and away from the site to the north.

It is not expected that the discharge will have any impact on the proposed site development.

3.10 Local Authority Pollution Prevention and Controls

There are no Local Authority Pollution Prevention and Controls (LAPPC) recorded within 1 km of the site.

3.11 Flooding

The Envirocheck records that the site does not lie within 250 m of a flood zone, relating to flooding from rivers or the sea.

The site is not at risk of surface water flooding and has a limited potential for groundwater flooding to occur.

3.12 Soil Geochemistry

The Envirocheck estimates the following concentrations of arsenic, cadmium, chromium, nickel and lead to be present in the natural soil at the site:

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

Contaminant	Estimated Concentration (mg/kg)	Assessment Value (mg/kg)
Nickel	15 to 30	180

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

3.13 Contemporary Trade Directory Entries, Fuel Station Entries and Waste Management Facilities

There are no contemporary trade directory entries recorded within 250 m of the site.

There are no fuel station entries located within 250 m of the site.

There are no licensed waste management facilities recorded within 250 m of the site.

4.0 GROUND CONDITIONS

4.1 Surface Covering

Hardstanding, comprising macadam surfaced areas, concrete and compacted hard-core, is present across those parts of the site adjacent to the sheds. Topsoil is expected at the surface in the paddock / pasture areas to the south and south east.

4.2 Made Ground

Made ground in limited quantities may be present on the site, notably in the location of the sheds and hardstanding. Buried services (electricity / water supply / propane and kerosene pipes) are expected to supply the former turkey sheds.

4.3 Natural Ground

Beneath the surface cover and made ground, the natural ground below the site is expected to consist of clayey sand and gravel over sandstone bedrock of the Pennine Lower Coal Measures.

4.4 Groundwater

Groundwater is not expected to be encountered at shallow depth beneath the site.

5.0 OUTLINE CONCEPTUAL MODEL

The site is being considered for re-development through a Class Q conversion process where the conversion of existing agricultural sheds into residential is proposed, together with private gardens and areas of public open space. It is assumed that existing ground levels will not alter significantly and no new below ground foundations will be constructed. If this is not the case, then the advice given in this report may not be appropriate.

5.1 Potential Sources of Contamination

The site is in a rural setting and historically has always been agricultural with residential dwellings and farms in the immediate vicinity. Underground infrastructure (buried services) is expected to be present below the site.

Made ground may be present beneath the site associated with the construction of the sheds and hardstanding, but as no new foundations or any new significant buried structures are proposed, it is not anticipated that any made ground will be significantly disturbed.

There is no reason to expect that elevated concentrations of contaminants will be recorded in the natural ground at the site.

The sheds' roofing and a proportion of the wall construction comprised corrugated cement bound asbestos sheeting, some of which was noted to be broken.

Two former fuel tanks used for heating were noted on site. No indication of major spillage or olfactory evidence of spillage was noted. Some localised staining on the exterior of one of the tanks and the underlying brick plinth work was evident.

An area at the southern end of the site was used to stockpile general green waste and construction waste, with evidence that some burning of this material had occurred.

5.2 Ground Gas

No radon precautions are required in the construction of new dwellings or extensions.

No significant thickness of made ground is expected on the site.

There are no active or historical landfills within 250 m of the site. There are a small number of areas of potentially infilled land around the site, mainly to the south and probably associated with old coal mining activities. There is a former open cast coal mine believed to exist to the immediate west of the site. Due to the likelihood that these features were backfilled with inert natural arisings together

with the likely time elapsed since the land was infilled, these features are unlikely to pose a significant gas risk to the site.

5.3 Potential Pollutant Linkages

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

Source	Potential Contaminants	Potential Pathways	Potential Receptors
Asbestos containing cement products (ACMs)	Asbestos	Inhalation	Site residents and visitors to the site Site construction workers
Fuel tanks	Hydrocarbons	Ingestion, inhalation, direct contact Biological uptake Migration through ground	Site residents and visitors to the site Site construction workers Plants Secondary A Aquifer Water supply pipes

5.4 Remedial Measures

As part of the Class Q conversion process, it is anticipated that the roofing and walls to the barns will be replaced with construction materials appropriate to the proposed residential end use of the structure. The ACM associated with these sheds, and those sheds that are likely to be demolished should be removed by a specialist licensed contractor.

The fuel tanks are expected to be removed as part of the conversion. If significant evidence of historical spillage is noted, then treatment/removal of the affected soils will be required.

It is expected that the surface waste materials at the southern end of the sheds will be removed from site.

The propane tanks may remain as part of the completed conversions, to provide heating and cooking facilities.

Significant unexpected contamination is not expected to be widespread. However, the following remedial measures should be allowed for:

- A 600 mm thick clean capping to soils containing elevated contaminants in areas of private gardens and shared open space, at least 100 mm of which shall be clean topsoil. Alternatively, the material could be placed beneath areas of hard cover or removed from site.
- Protective water supply pipes in made ground.

Any macadam that is expected to be removed or disturbed should be tested at an early stage to assess the presence of coal tar so that it can be dealt with appropriately.

APPENDIX

Site Walkover Photographs

Envirocheck Report



View from southern end of site; showing shed adjacent to western boundary



View of the pasture area towards south west

Prepared	LW	Checked	RW	Date	07.11.18	Photograph No	1 & 2
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 Sheffield S11 9AS
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HILL TOP FARM, EASTFIELD LANE, THURGOLAND

DLP PLANNING LIMITED

SITE PHOTOGRAPHS



View from eastern boundary towards the north west



Fuel tank at rear of central row of sheds

Prepared	LW	Checked	RW	Date	07.11.18	Photograph No	3 & 4
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Looking south between the central and western row of sheds



Covered area at northern end of site; site entrance is to right of image

Prepared	LW	Checked	RW	Date	07.11.18	Photograph No	5 & 6
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Propane gas tanks at northern end of western row of sheds



Fuel tank at rear of western row of sheds

Prepared	LW	Checked	RW	Date	07.11.18	Photograph No	7 & 8
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Looking west from close to site entrance

Prepared	LW	Checked	RW	Date	07.11.18	Photograph No	9
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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

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

1:10,000 Raster Mapping

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

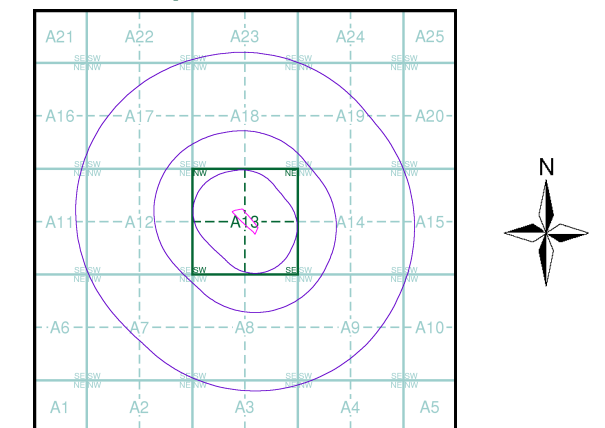
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1855	2
Yorkshire	1:10,560	1894	3
Yorkshire	1:10,560	1906 - 1907	4
Yorkshire	1:10,560	1932 - 1933	5
Yorkshire	1:10,560	1938	6
Yorkshire	1:10,560	1938	7
Yorkshire	1:10,560	1948	8
Ordnance Survey Plan	1:10,000	1955 - 1956	9
Ordnance Survey Plan	1:10,000	1965	10
Ordnance Survey Plan	1:10,000	1978	11
Ordnance Survey Plan	1:10,000	1989	12
10K Raster Mapping	1:10,000	2000	13
10K Raster Mapping	1:10,000	2006	14
VectorMap Local	1:10,000	2018	15

Historical Map - Slice A



Order Details

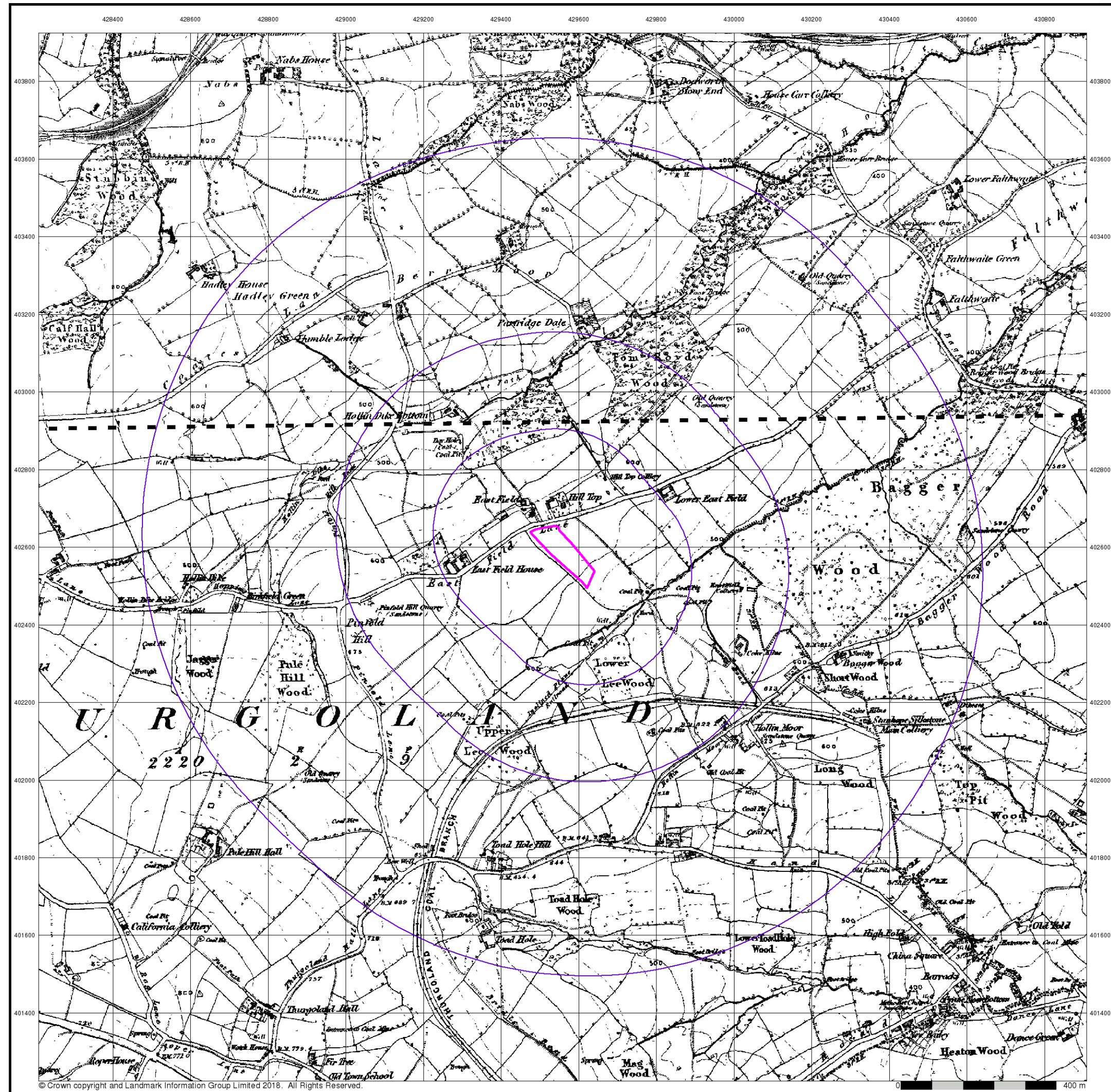
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Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details

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Yorkshire

Published 1855

Source map scale - 1:10,560

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Map Name(s) and Date(s)

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28200	1855	1:10,560

Historical Map - Slice A

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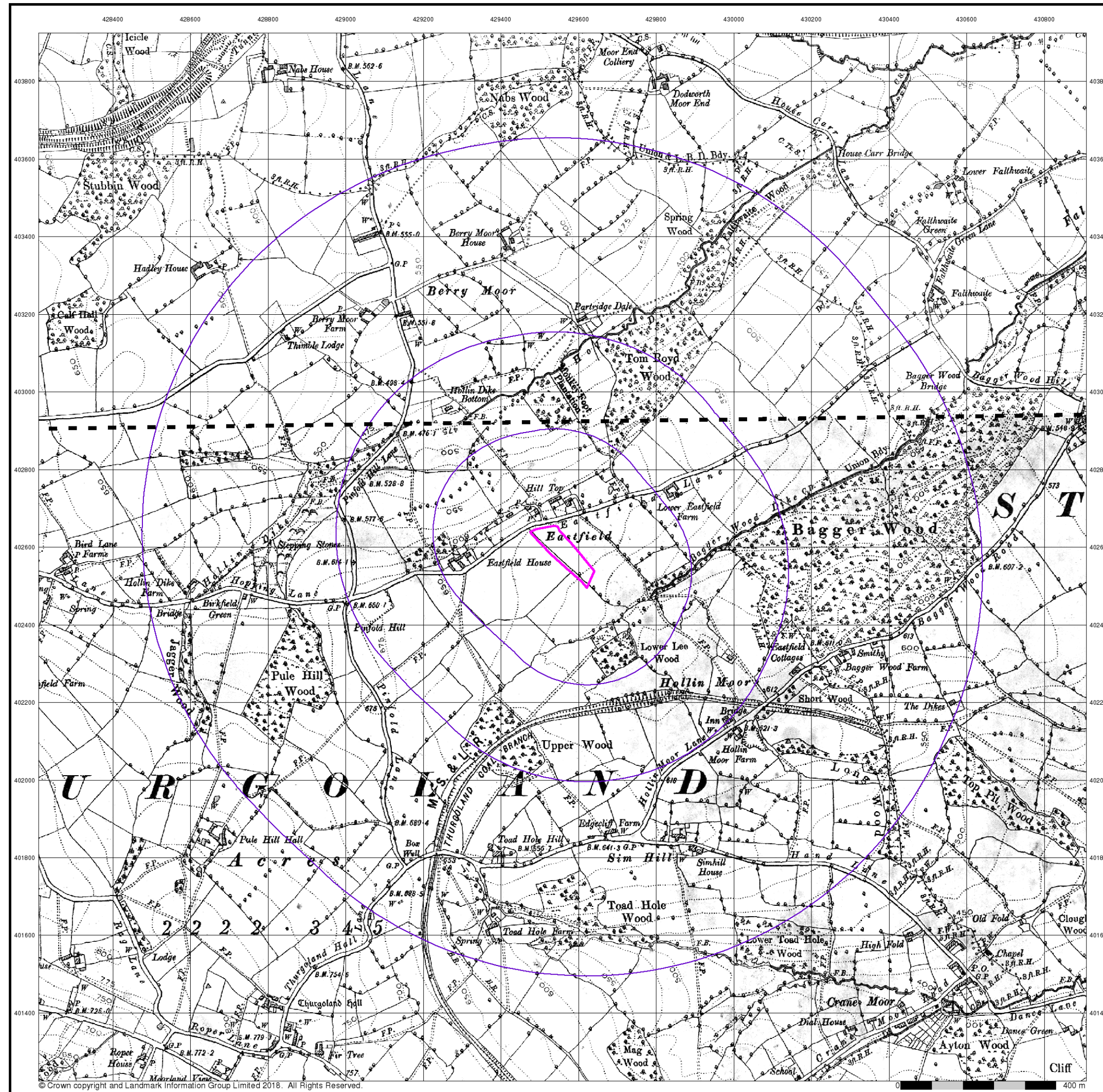
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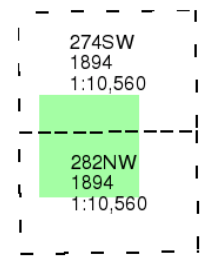
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Published 1894

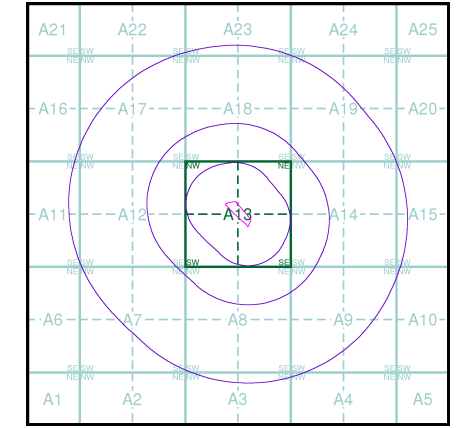
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Historical Map - Slice A



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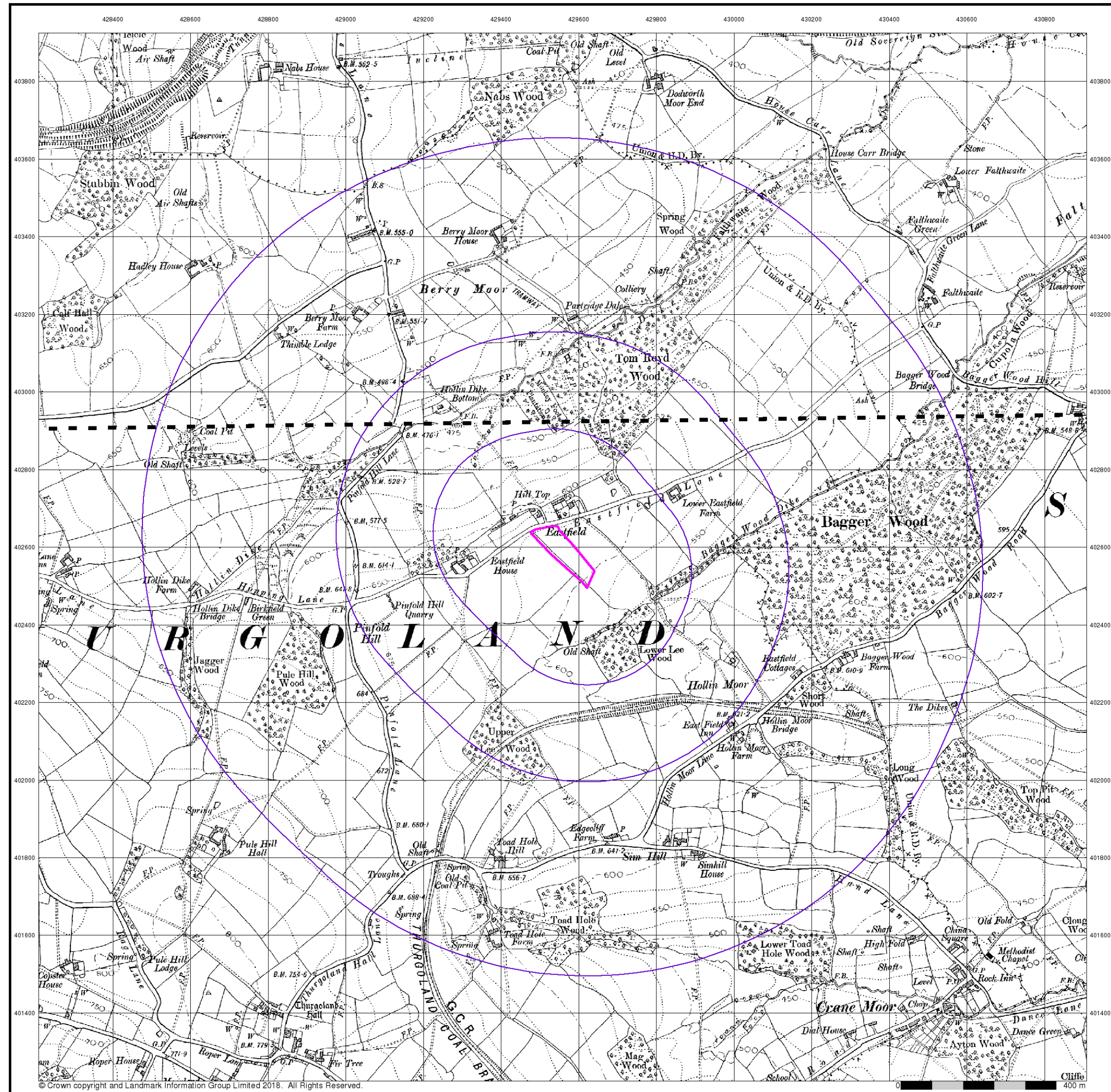
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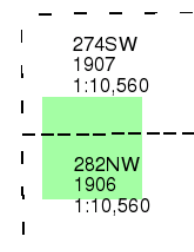
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Published 1906 - 1907

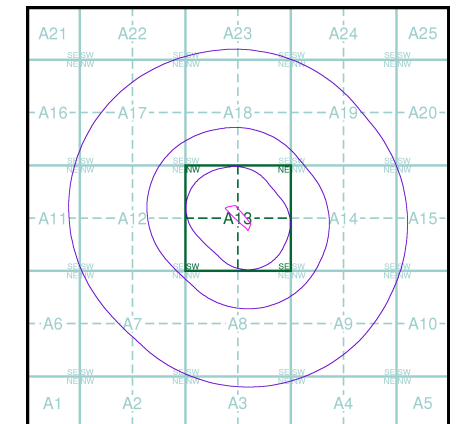
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Historical Map - Slice A



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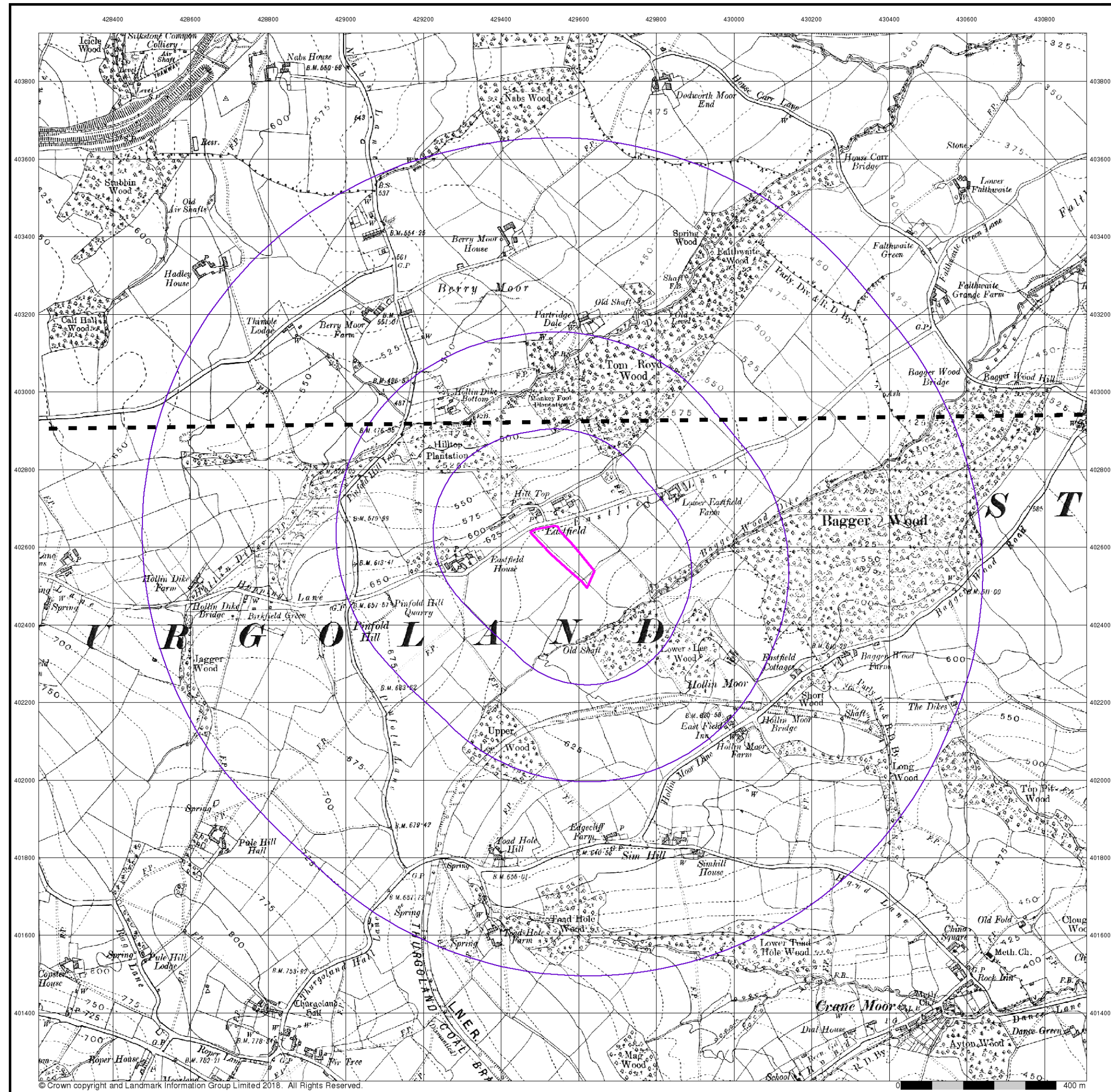
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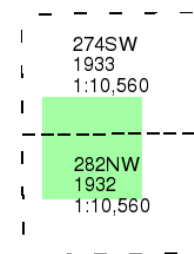
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Published 1932 - 1933

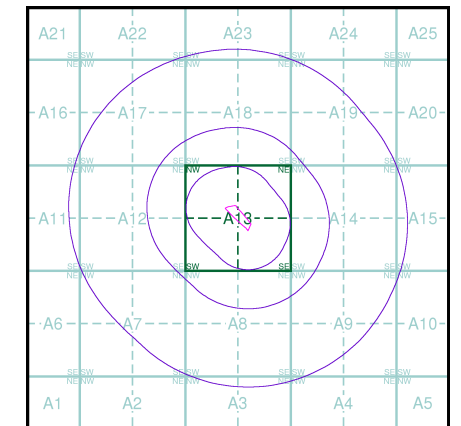
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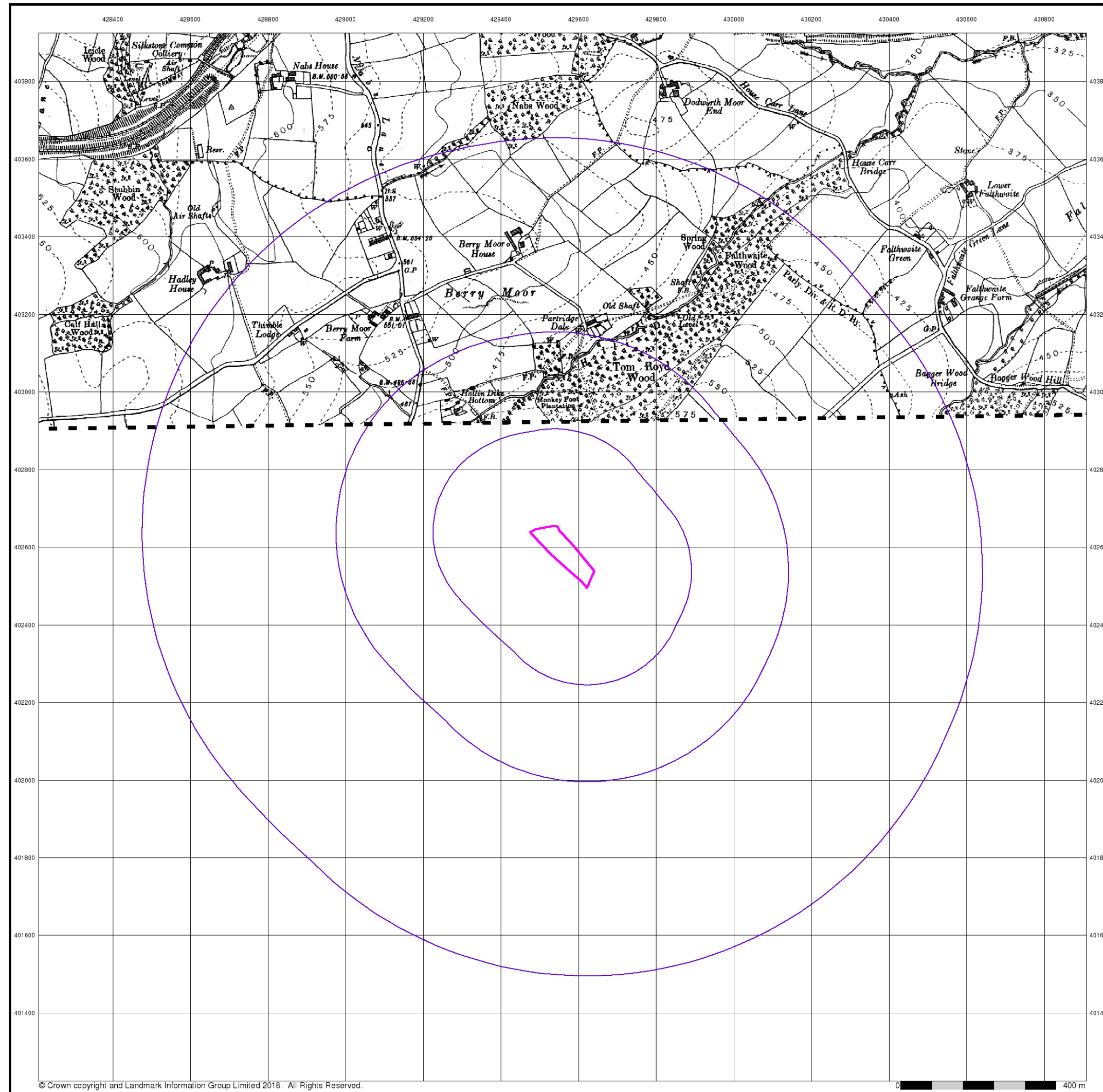
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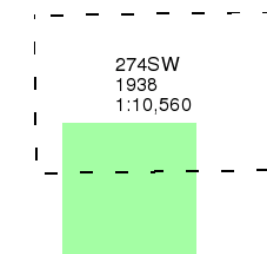
Yorkshire

Published 1938

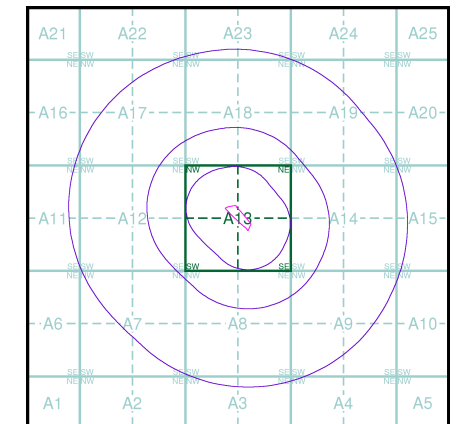
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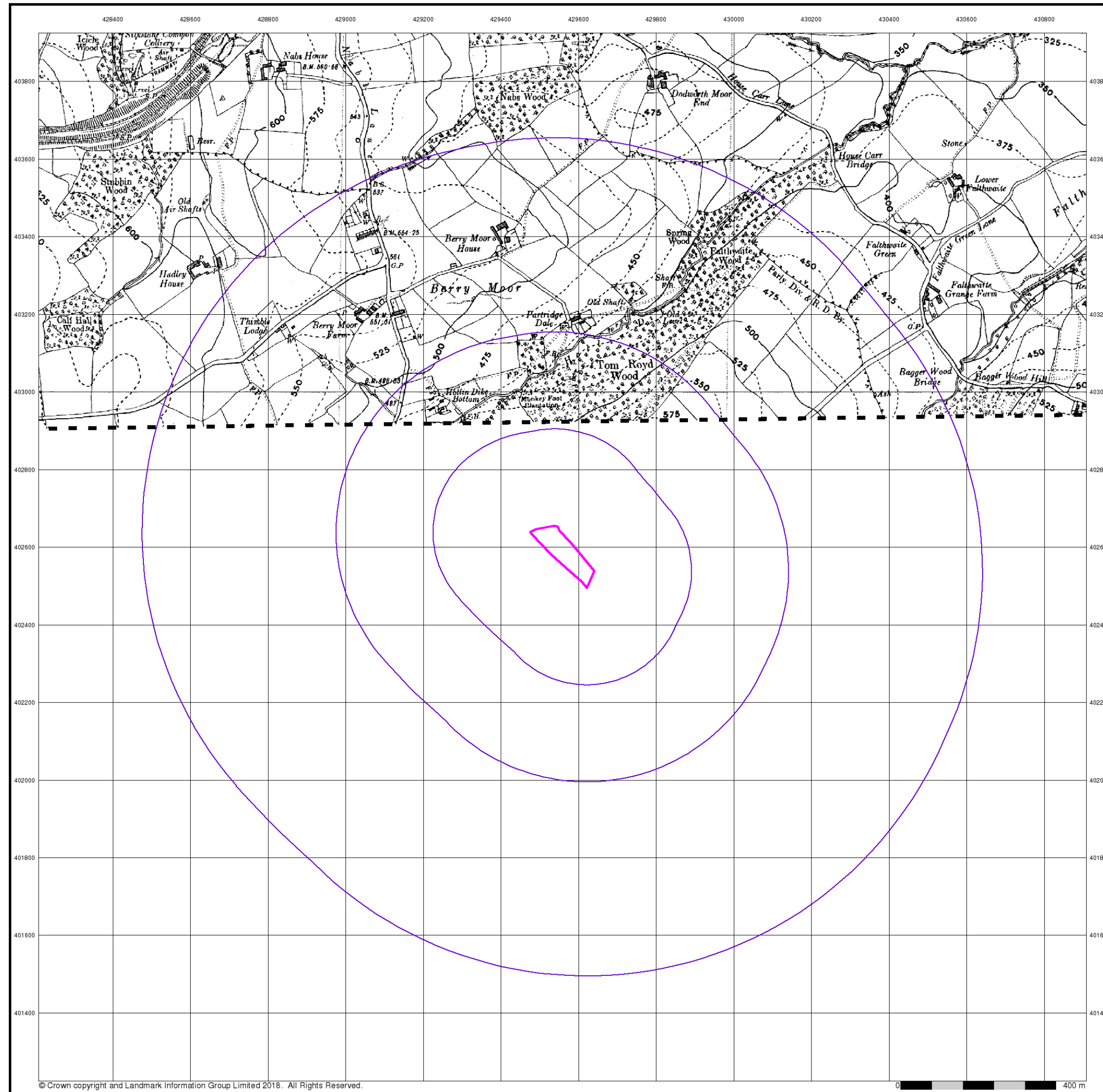
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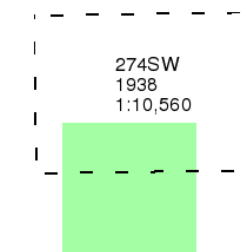
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Published 1938

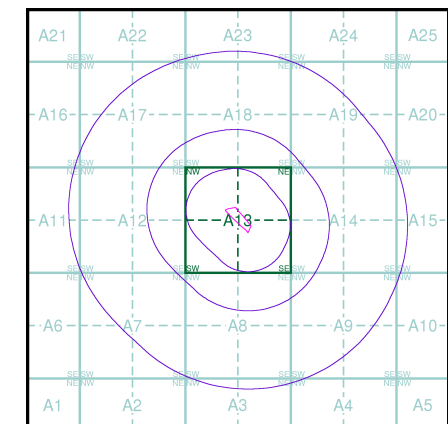
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Map Name(s) and Date(s)



Historical Map - Slice A

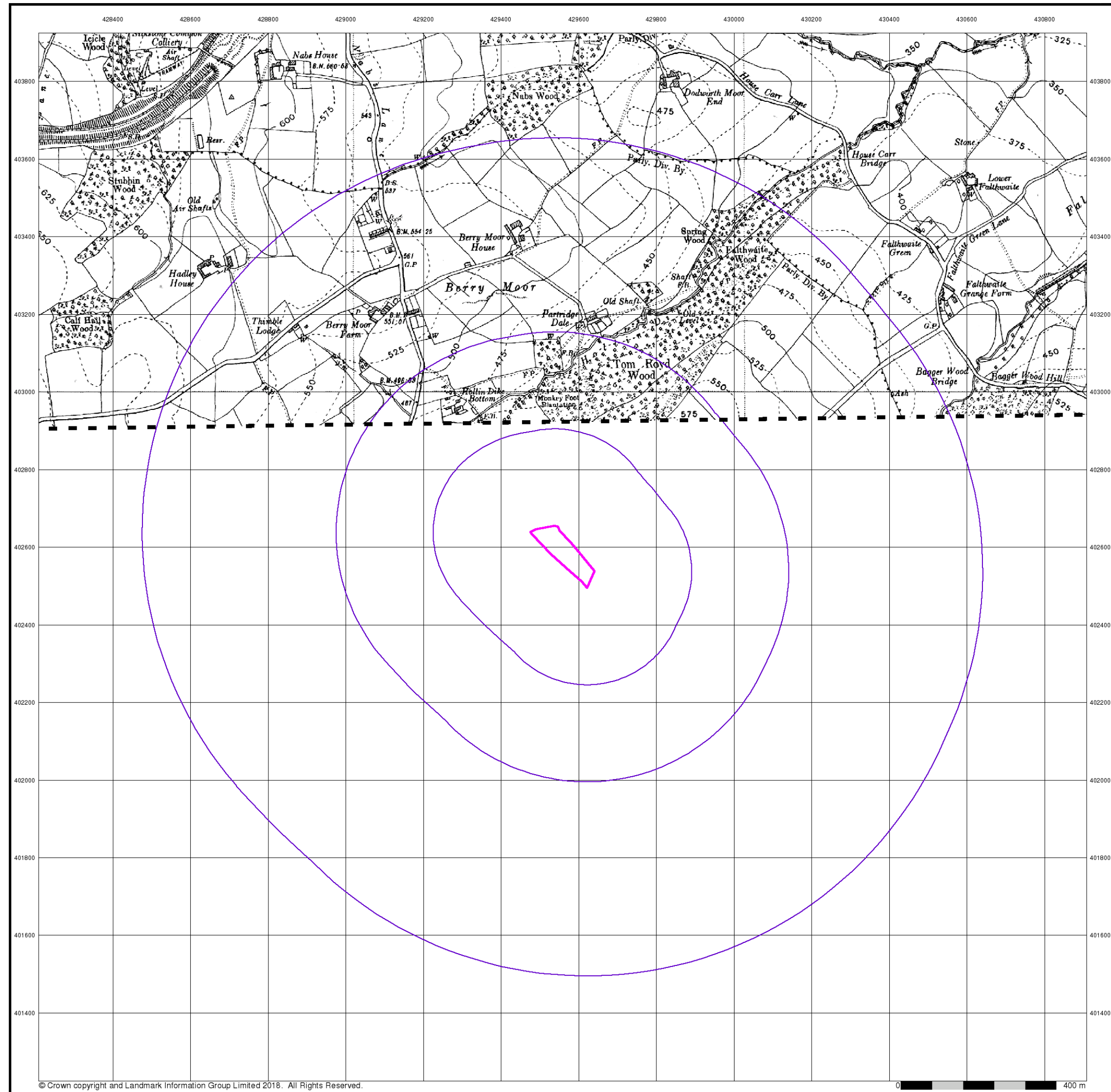


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Yorkshire

Published 1948

Source map scale - 1:10,560

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Map Name(s) and Date(s)

274SW
1948
1:10,560

Historical Map - Slice A

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A6A7A8A9A10

A1A2A3A4A5

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Order Details

Order Number:	184083624_1_1
Customer Ref:	43338
National Grid Reference:	429560, 402580
Slice:	A
Site Area (Ha):	0.97
Search Buffer (m):	1000

Site Details

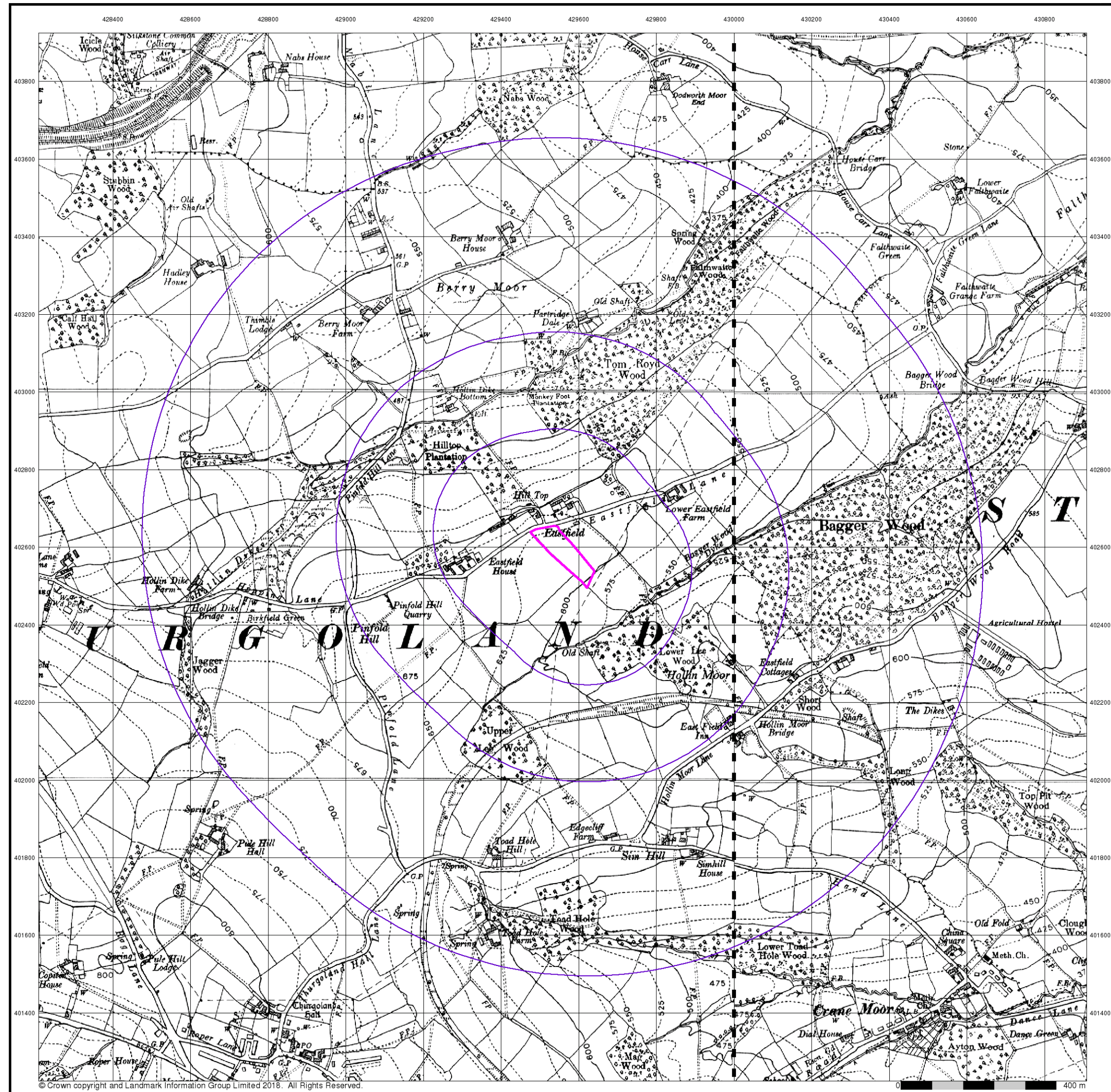
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Ordnance Survey Plan

Published 1955 - 1956

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SE20SE 1955 1:10,560	SE30SW 1956 1:10,560
----------------------------	----------------------------

Historical Map - Slice A

Order Details

Order Number:	184083624_1_1
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Site Details

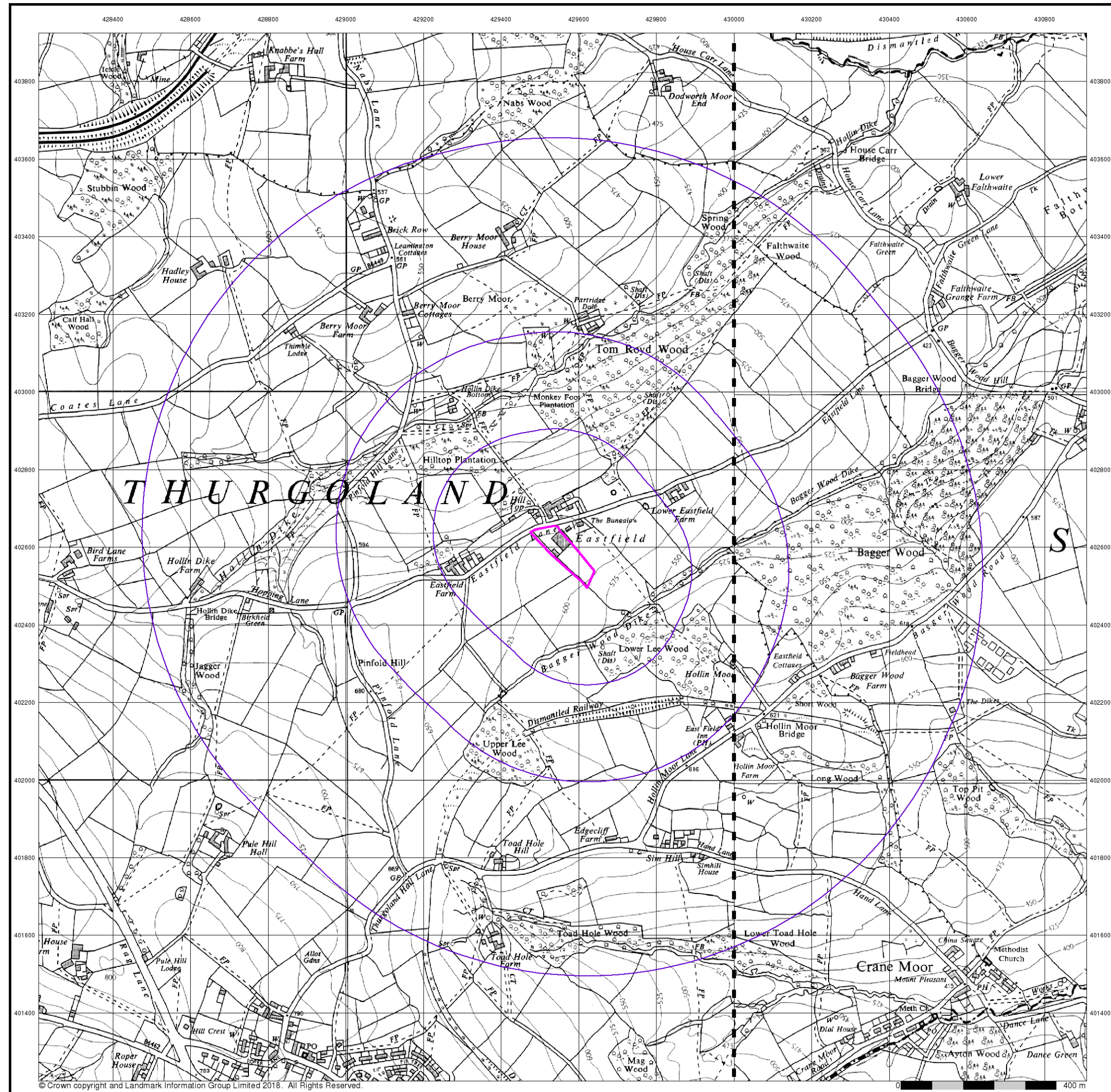
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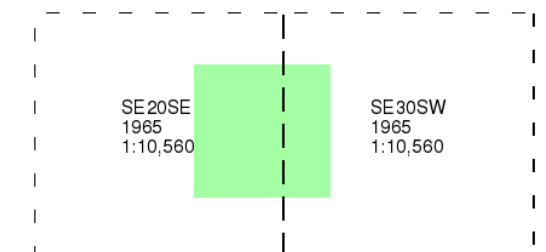
Ordnance Survey Plan

Published 1965

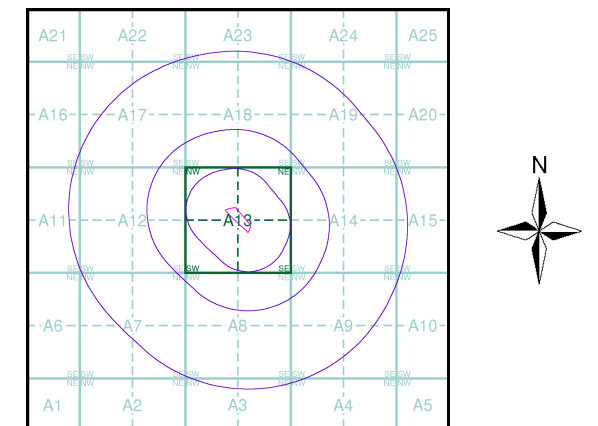
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

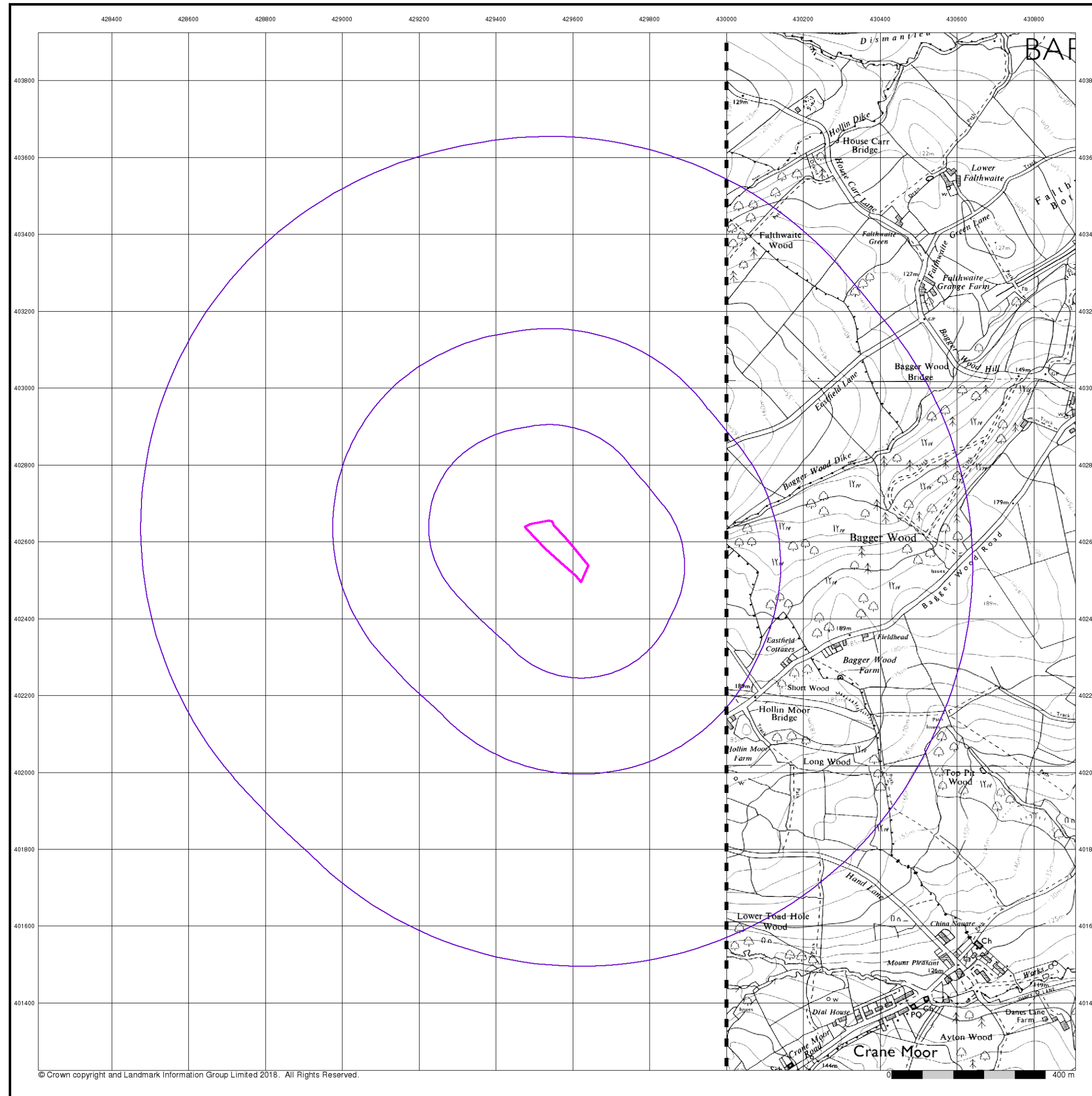


Order Details

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Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details

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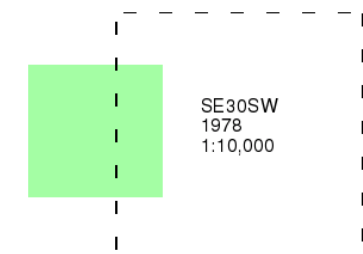
Ordnance Survey Plan

Published 1978

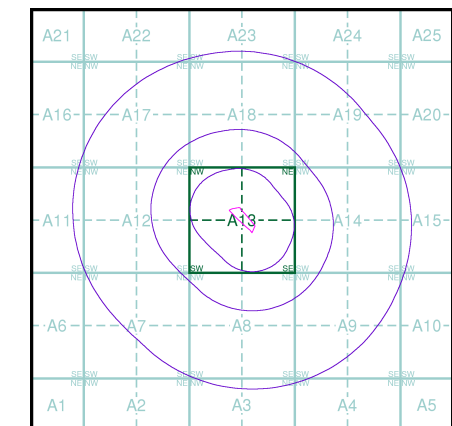
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

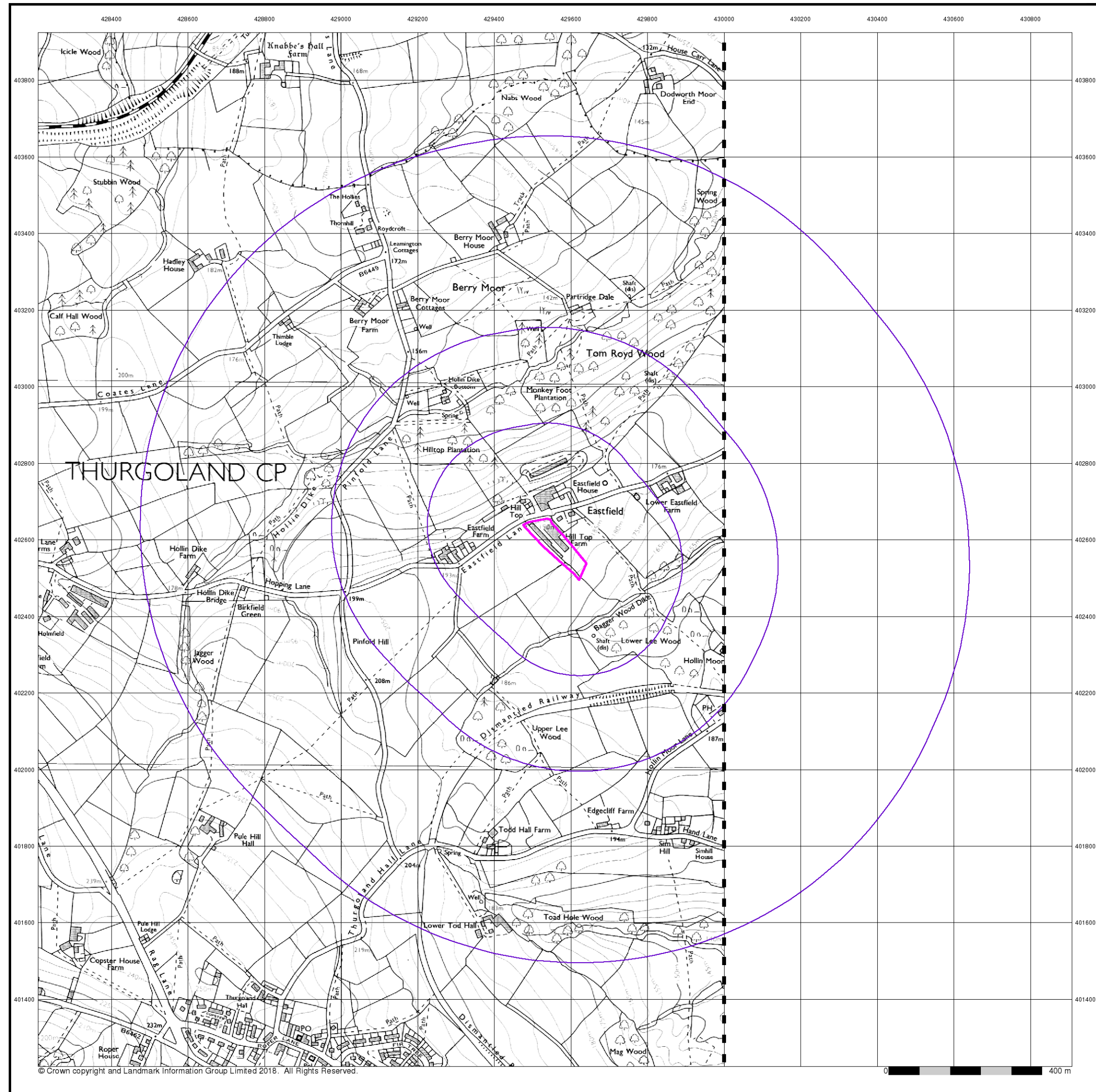
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Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details

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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

A grid map showing the location of the site area within a larger context. The grid is labeled A1 to A25 horizontally and A6 to A20 vertically. A pink rectangle represents the site area, and a purple circle represents the 1000m search buffer. A north arrow is located to the right of the grid.

Order Details

Order Number:	184083624_1_1
Customer Ref:	43338
National Grid Reference:	429560, 402580
Slice:	A
Site Area (Ha):	0.97
Search Buffer (m):	1000

Site Details

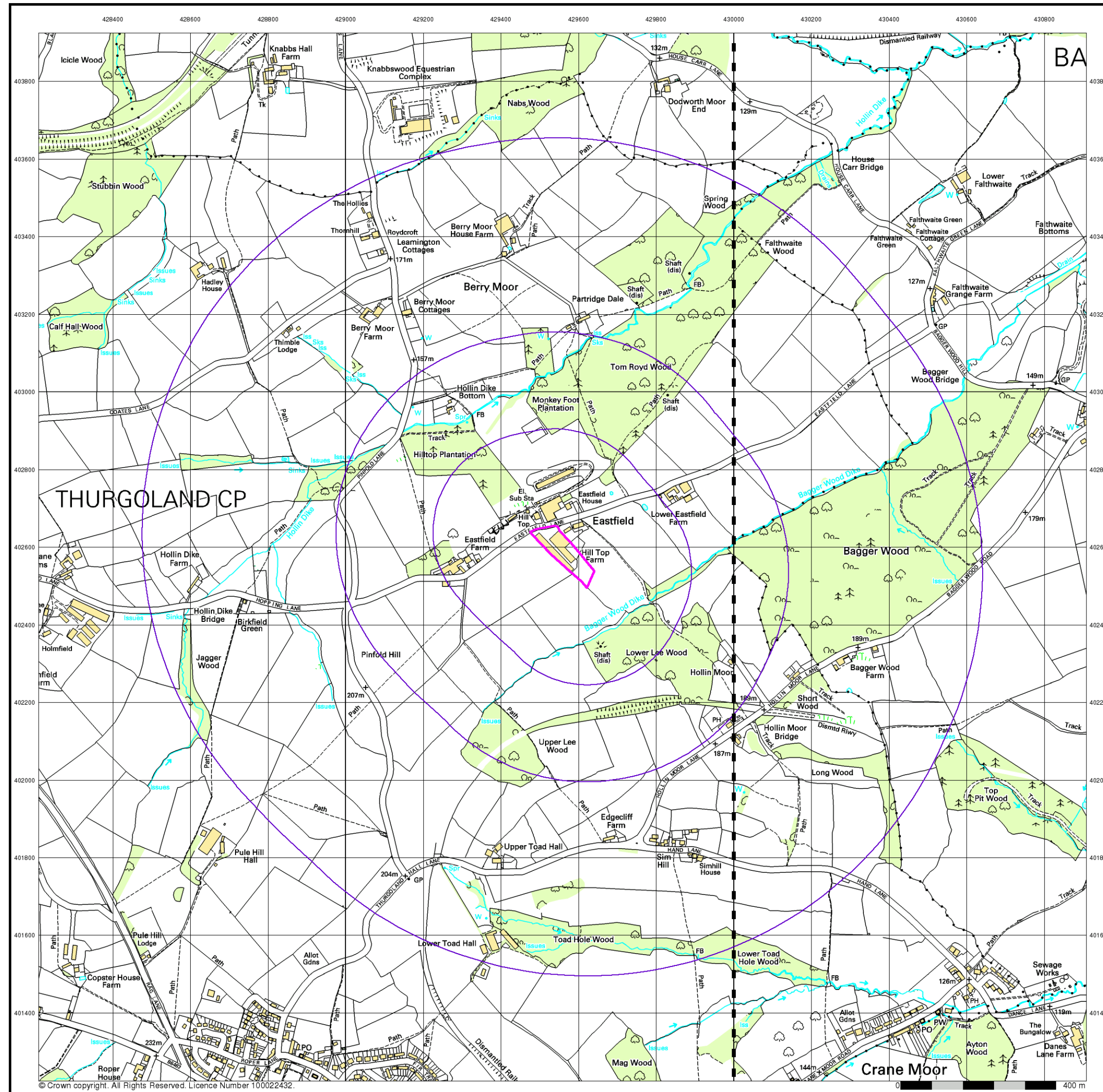
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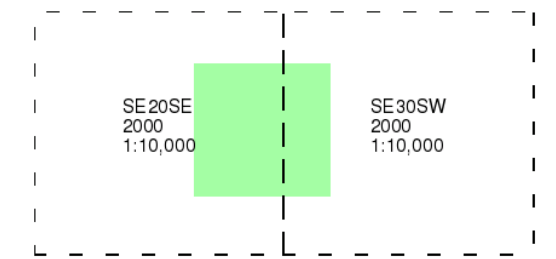
10k Raster Mapping

Published 2000

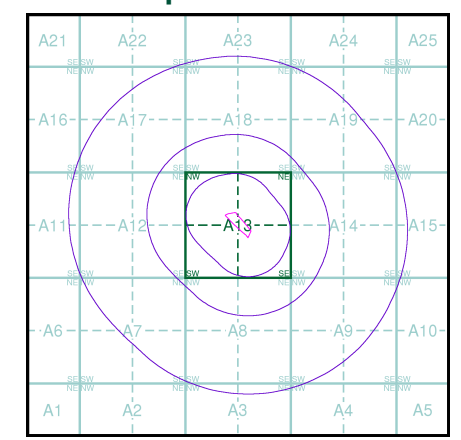
Source map scale - 1:10,000

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

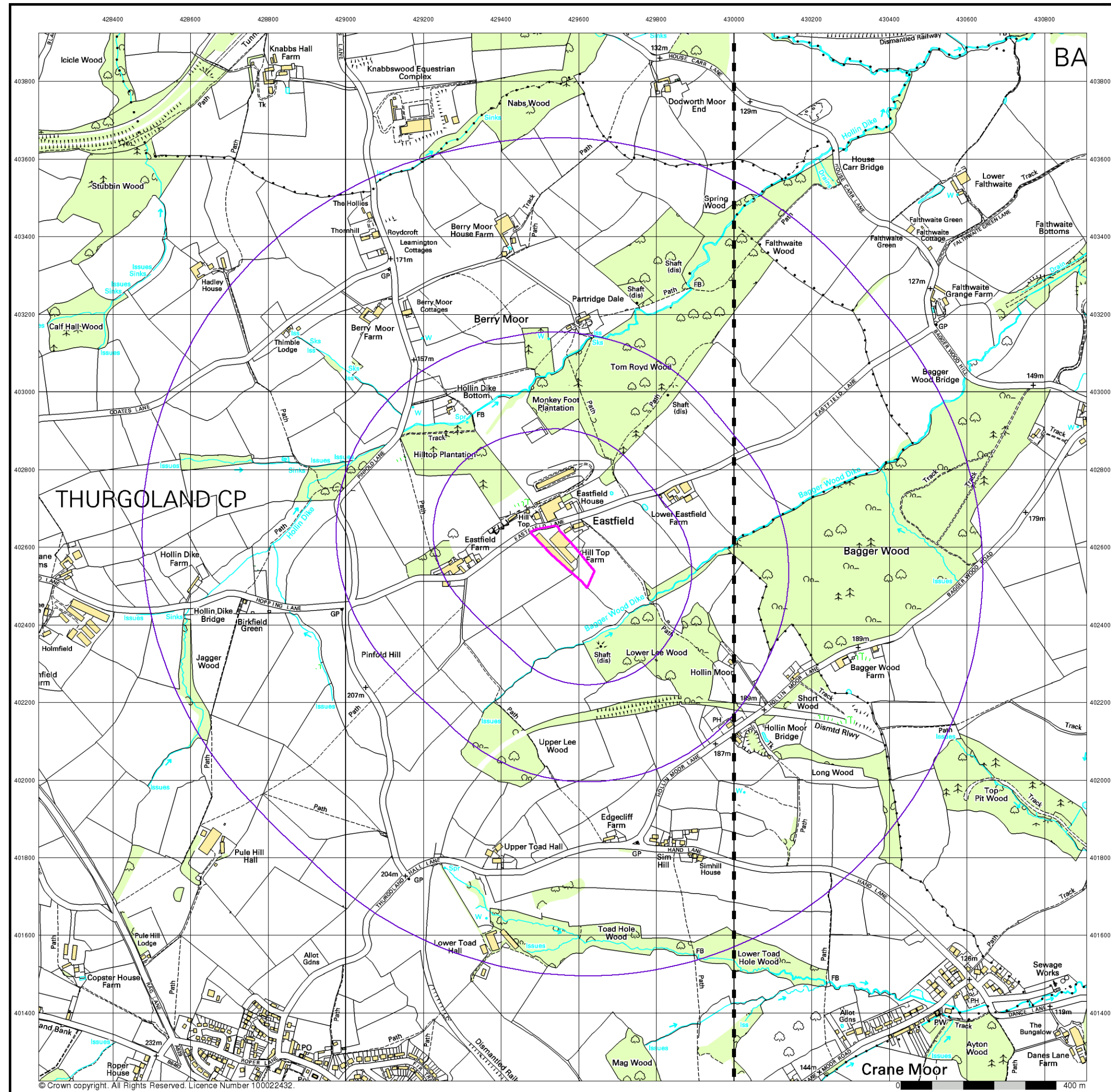
Order Number: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details

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10k Raster Mapping

Published 2006

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SE 20SE
2006
1:10,000

SE 30SW
2006
1:10,000

Historical Map - Slice A

Order Details

Order Number:	184083624_1_1
Customer Ref:	43338
National Grid Reference:	429560, 402580
Slice:	A
Site Area (Ha):	0.97
Search Buffer (m):	1000

Site Details

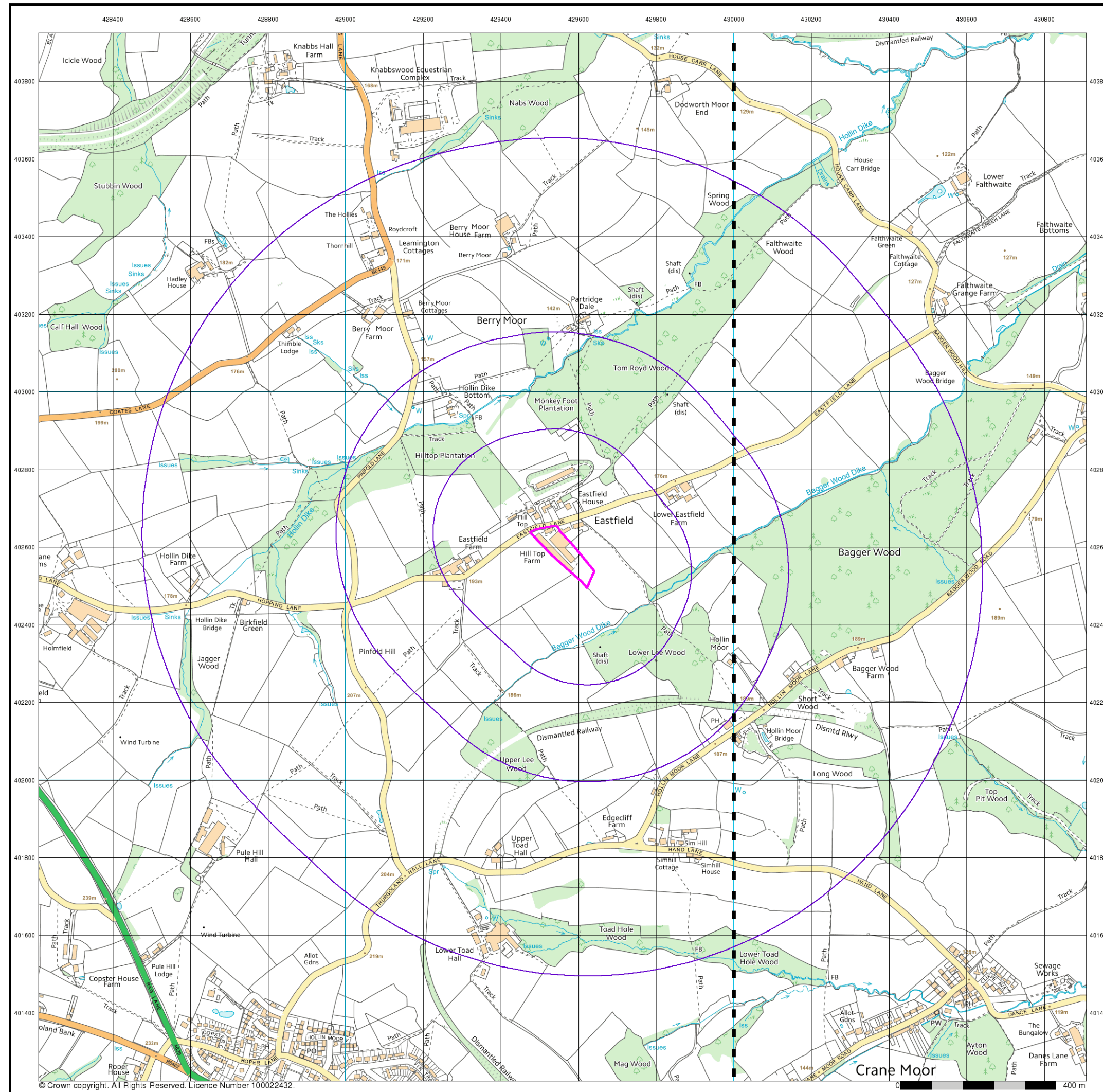
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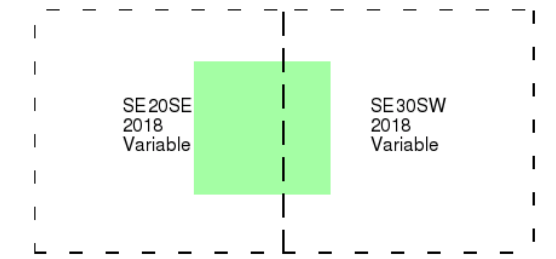
VectorMap Local

Published 2018

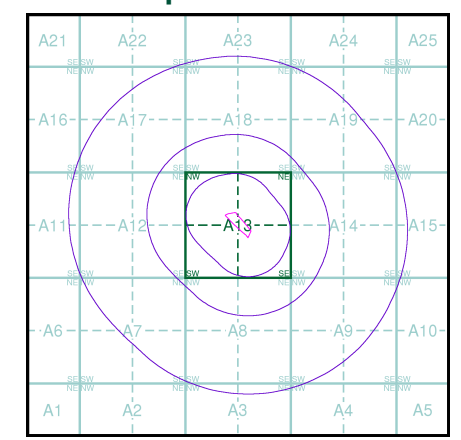
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details

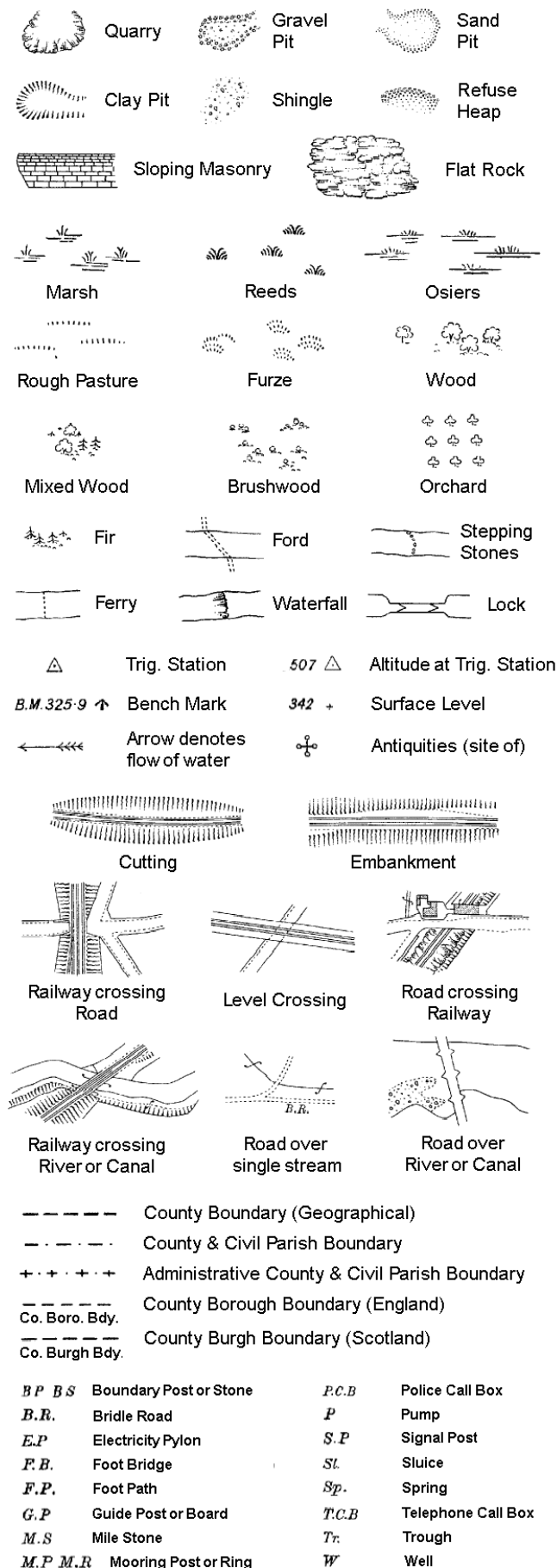
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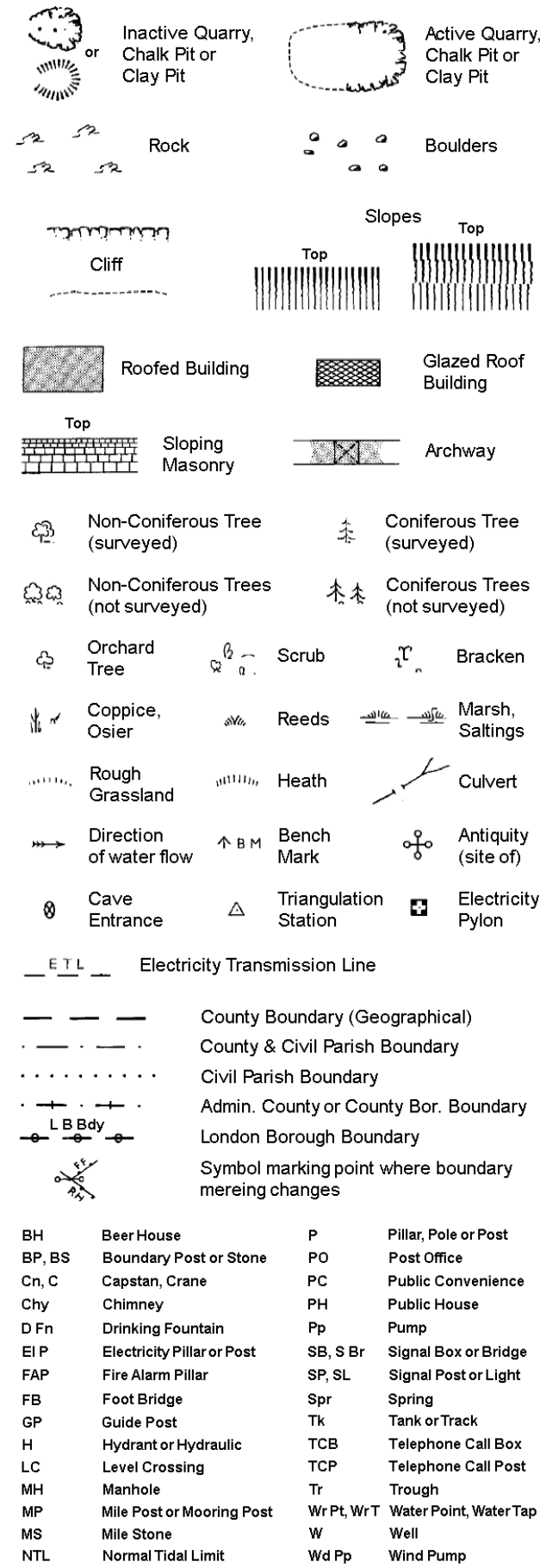
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Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

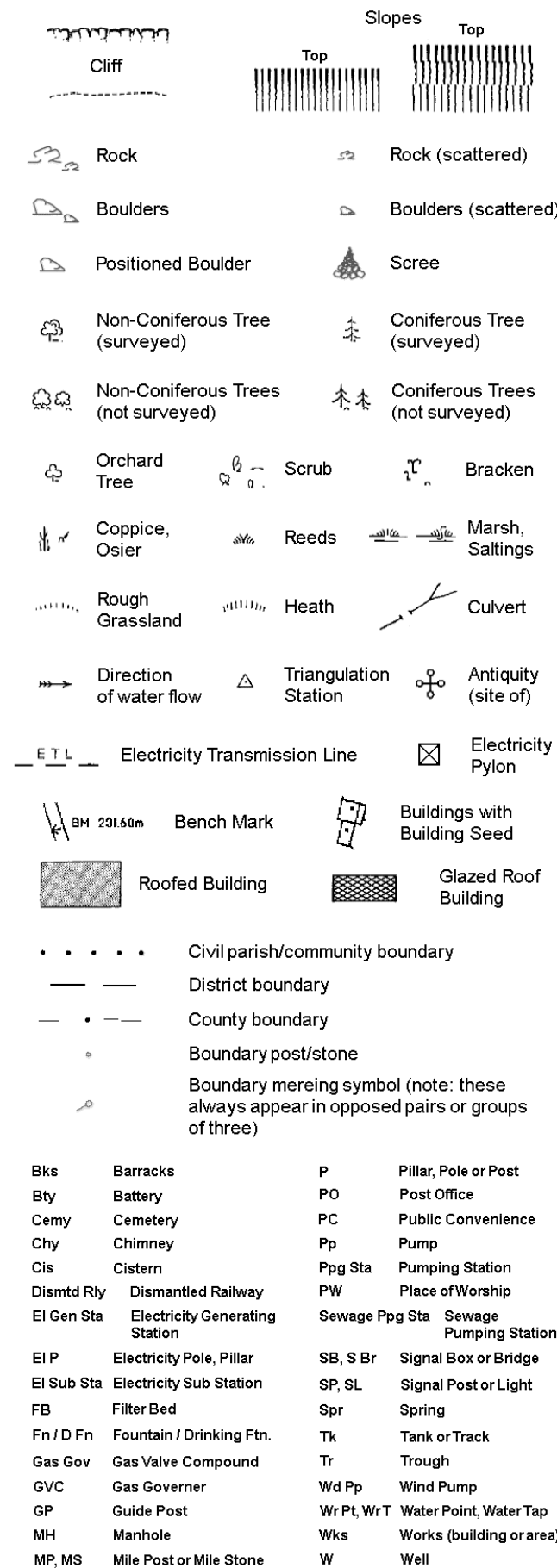
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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



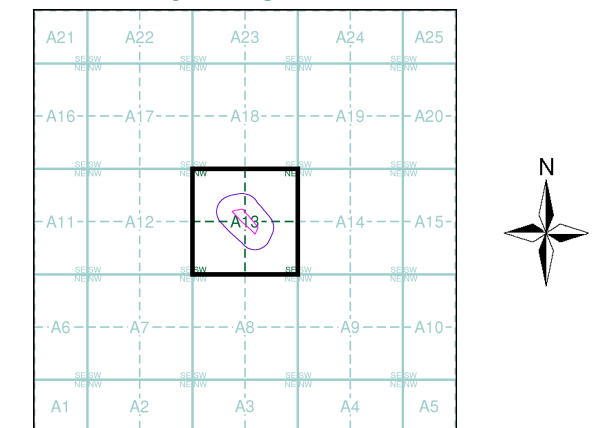
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1893	2
Yorkshire	1:2,500	1906	3
Yorkshire	1:2,500	1931	4
Ordnance Survey Plan	1:2,500	1960	5
Additional SIMs	1:2,500	1960	6
Additional SIMs	1:2,500	1984	7
Large-Scale National Grid Data	1:2,500	1993	8
Historical Aerial Photography	1:2,500	1999	9

Historical Map - Segment A13



Order Details

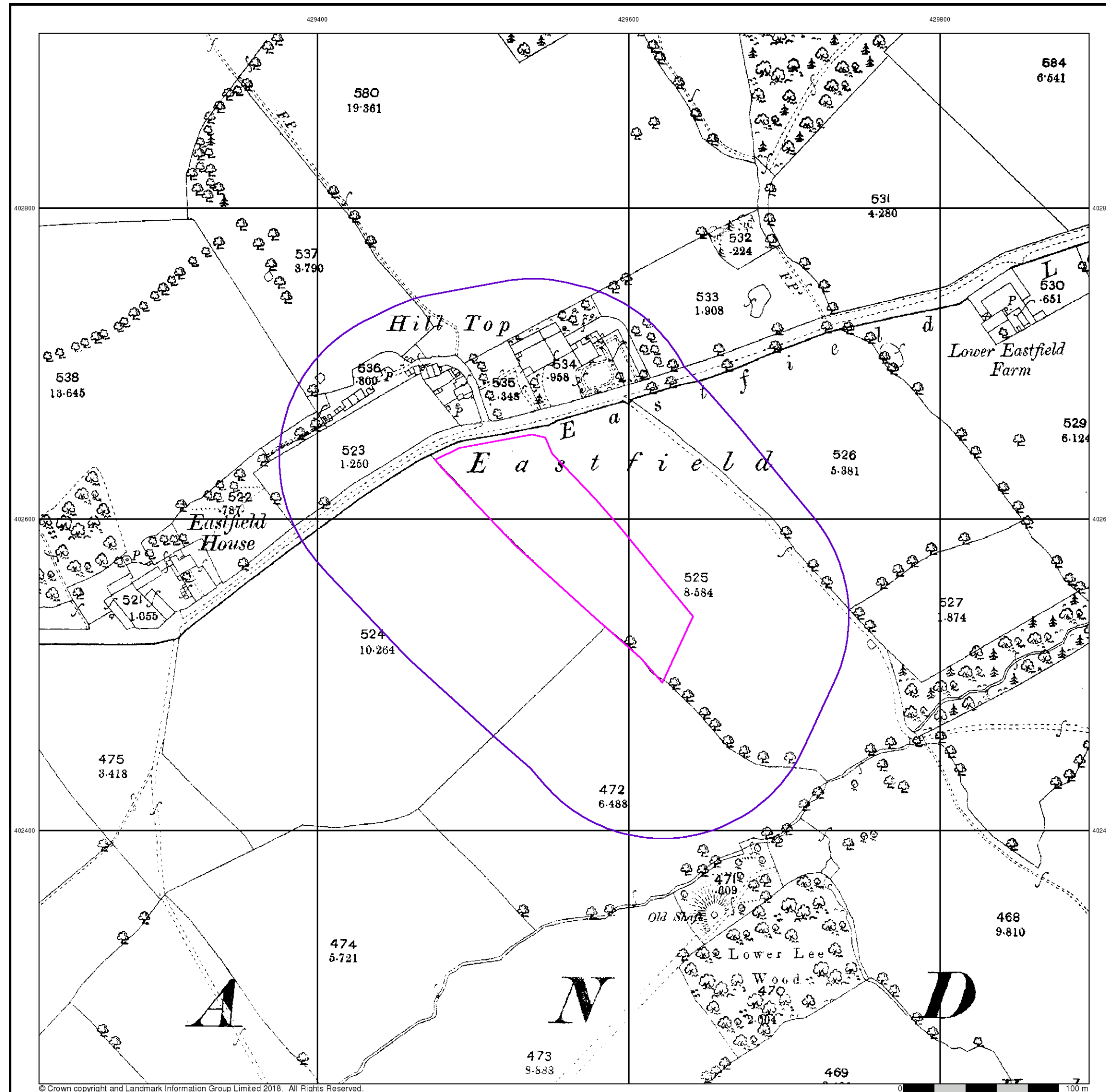
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Customer Ref: 43338
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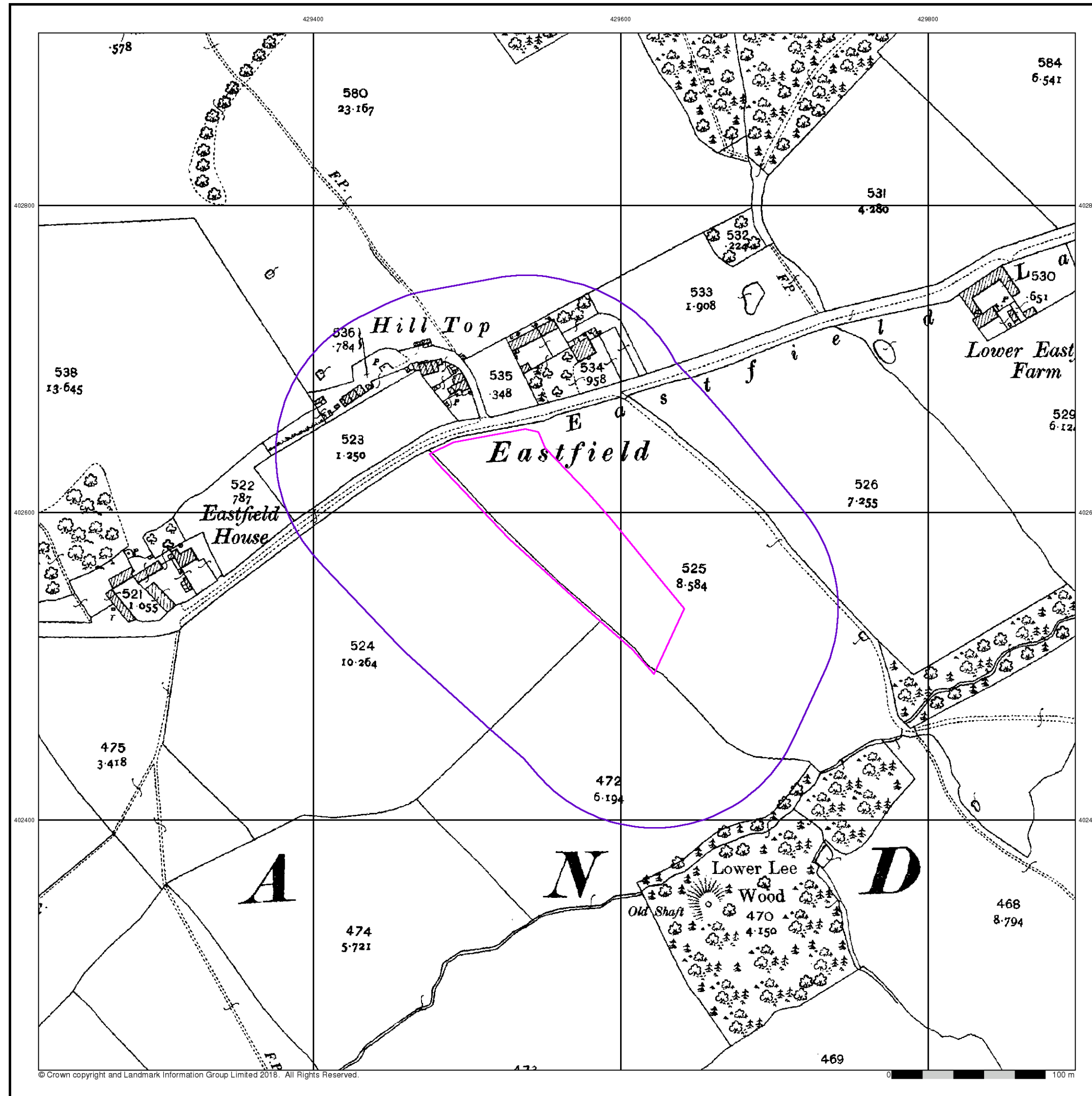
Site Details

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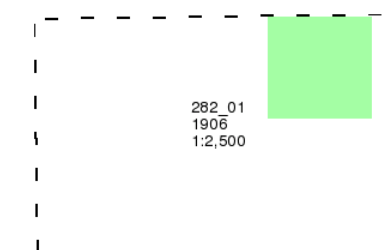
Yorkshire

Published 1906

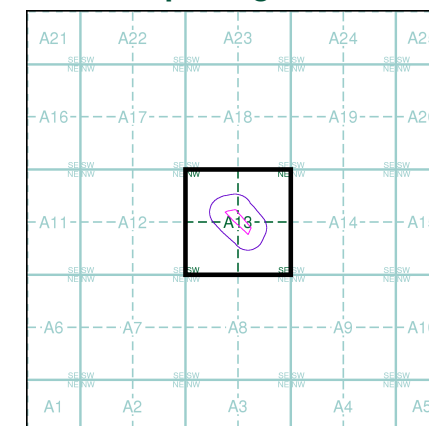
Source map scale - 1:2,500

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

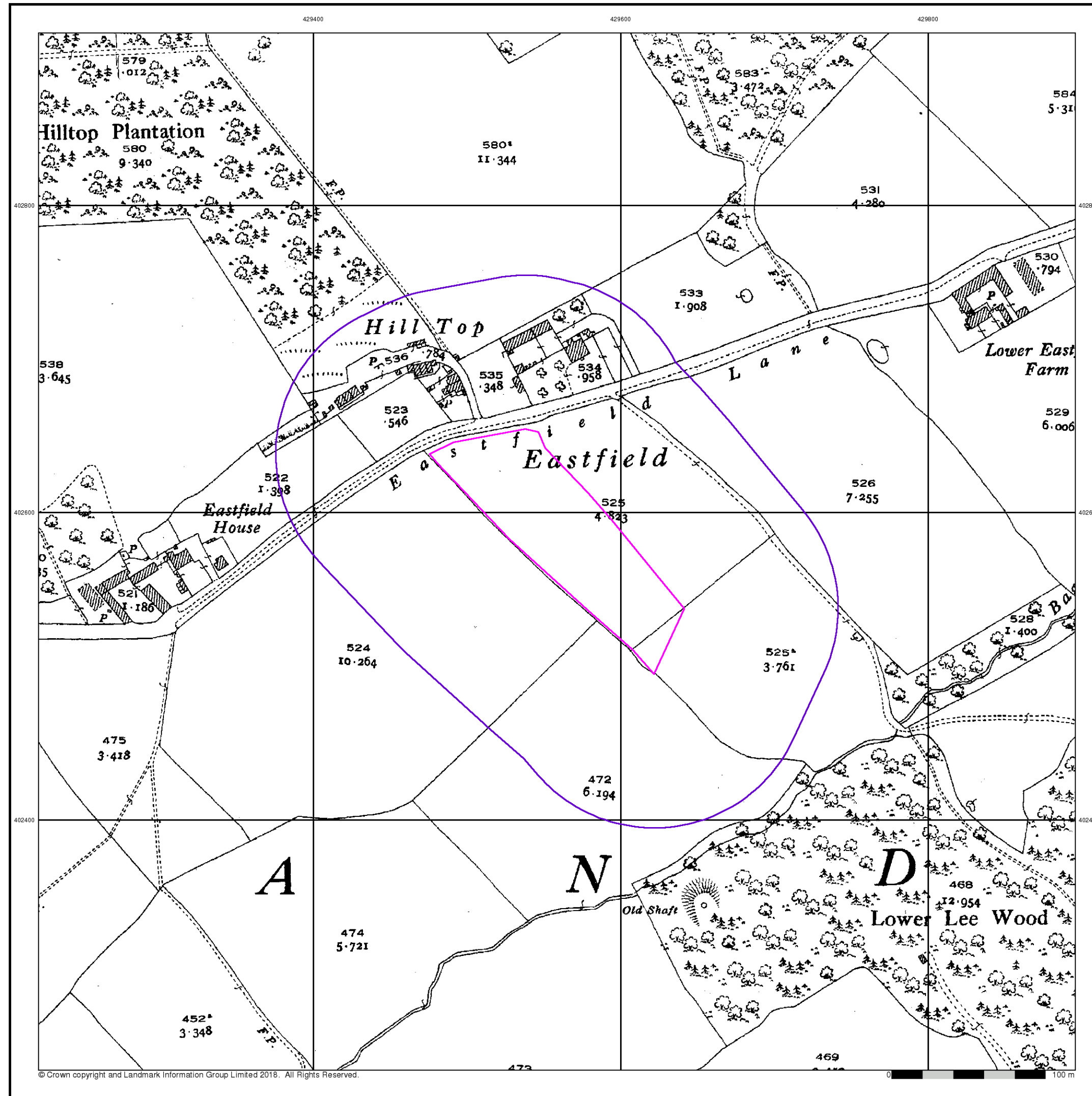
Order Number: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 100

Site Details

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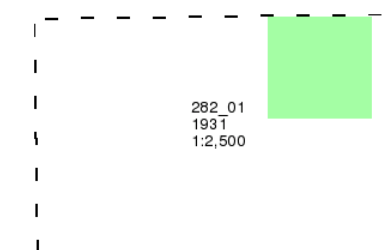
Yorkshire

Published 1931

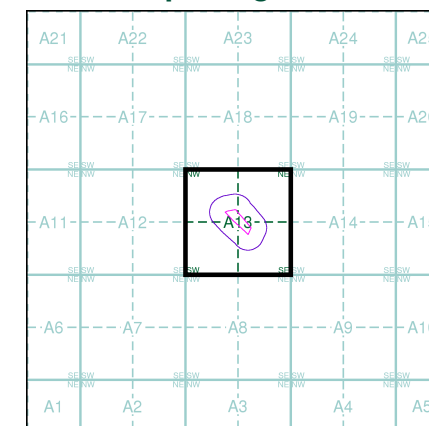
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

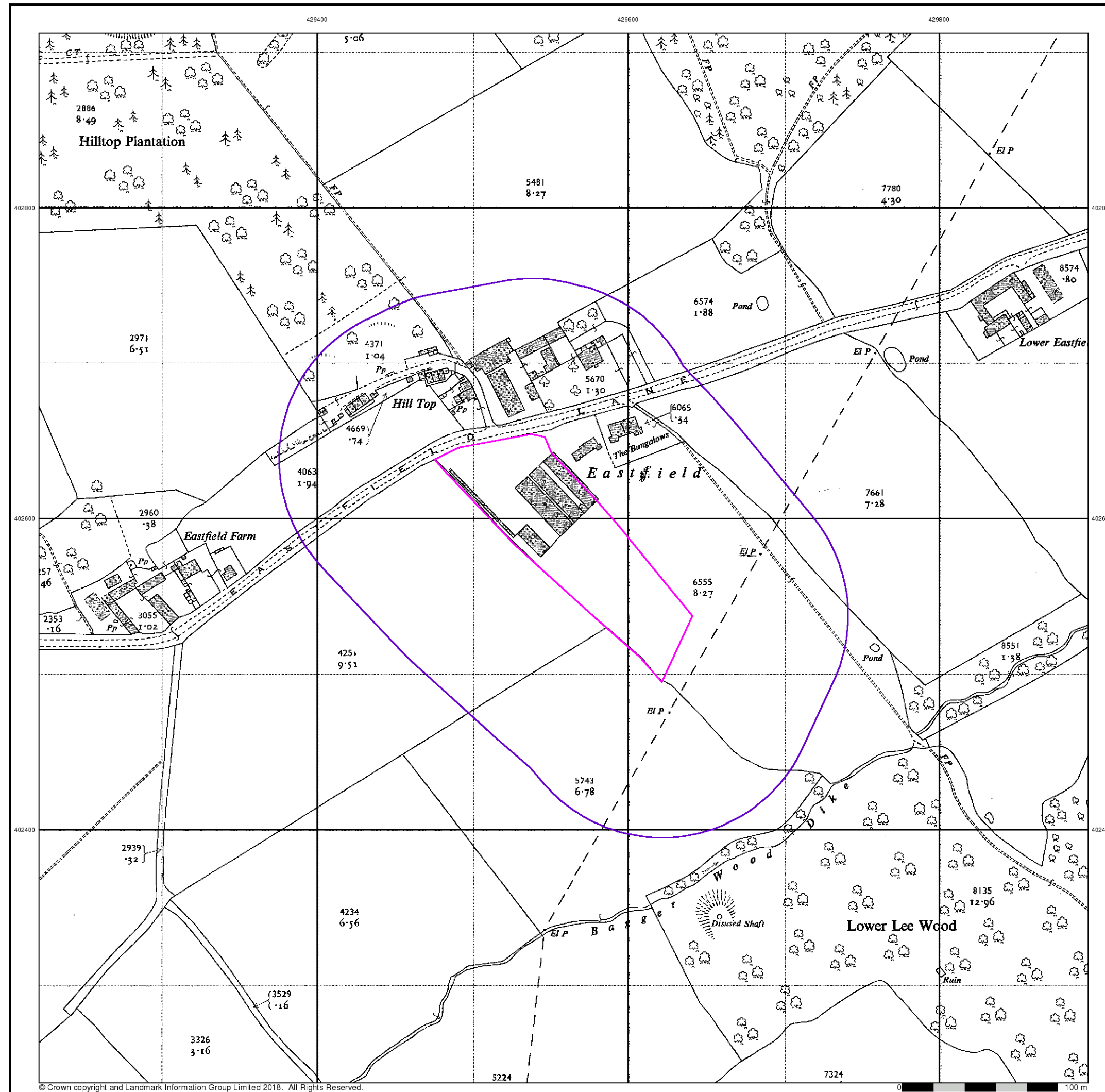
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Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 100

Site Details

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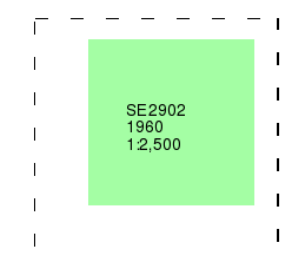
Ordnance Survey Plan

Published 1960

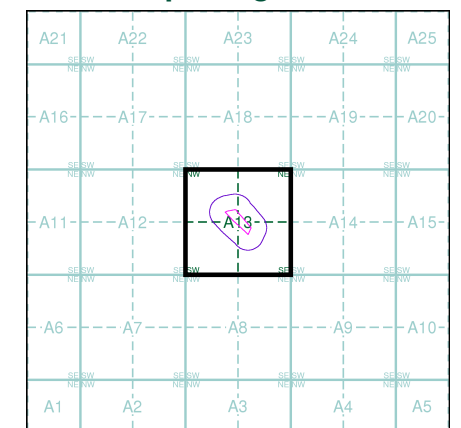
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Map Name(s) and Date(s)



Historical Map - Segment A13

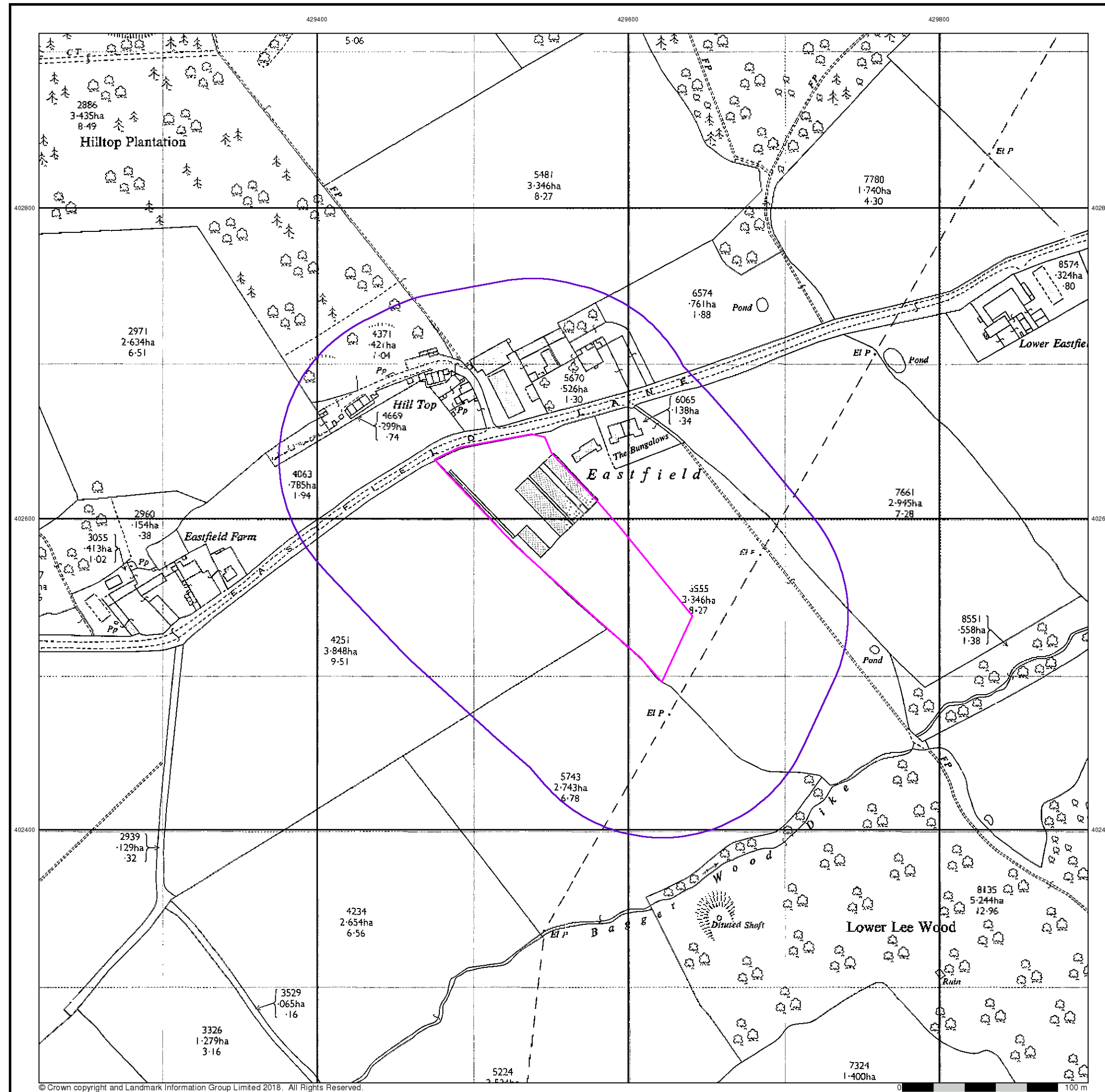


Order Details

Order Number: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 100

Site Details

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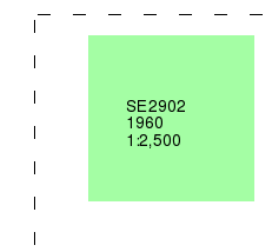
Additional SIMs

Published 1960

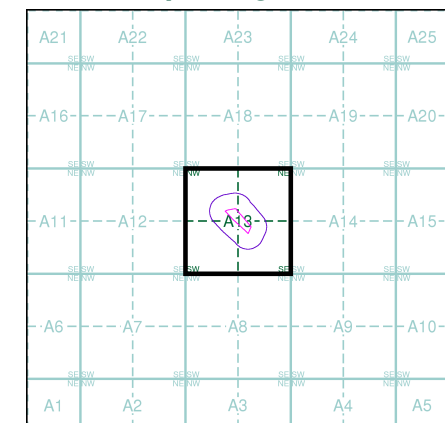
Source map scale - 1:2,500

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)



Historical Map - Segment A13



Order Details

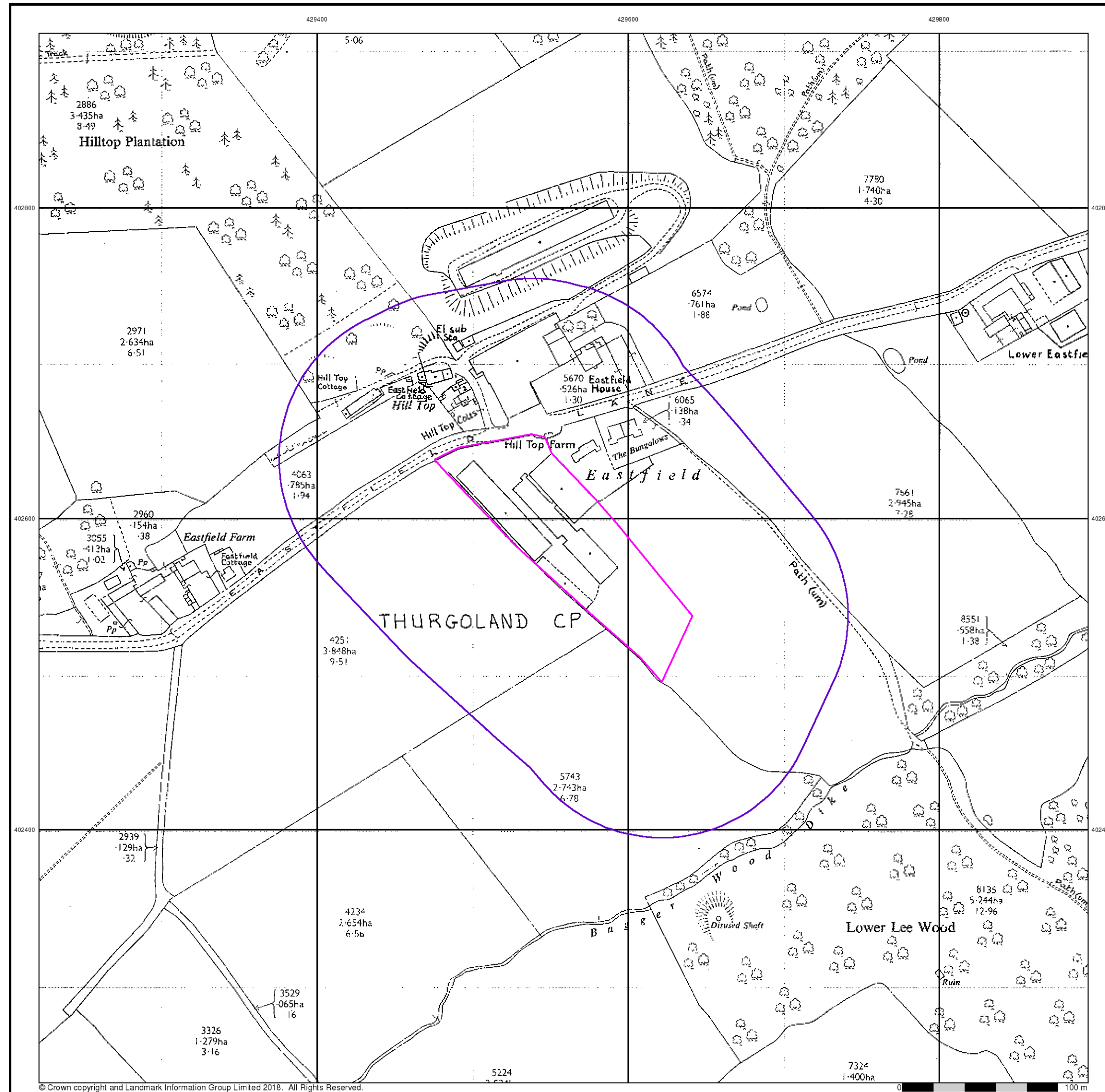
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Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 100

Site Details

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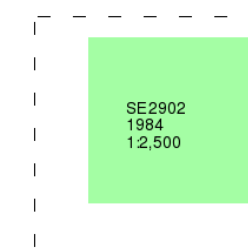
Additional SIMs

Published 1984

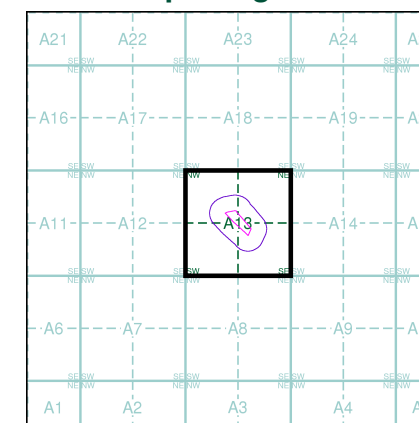
Source map scale - 1:2,500

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)



Historical Map - Segment A13



Order Details

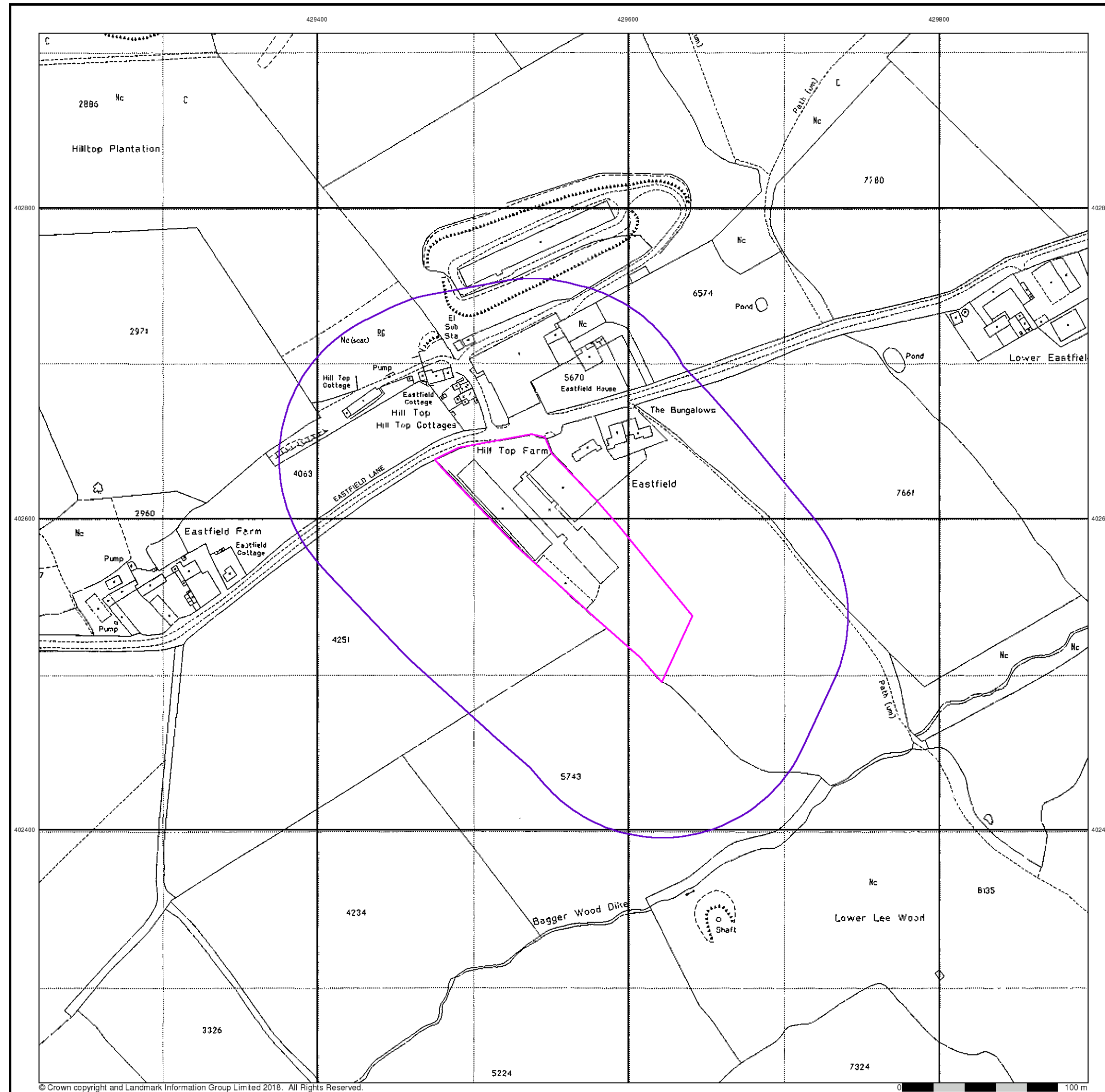
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Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 100

Site Details

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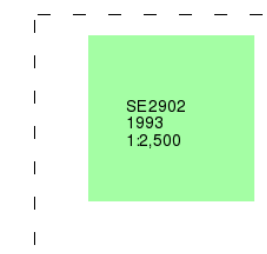
Large-Scale National Grid Data

Published 1993

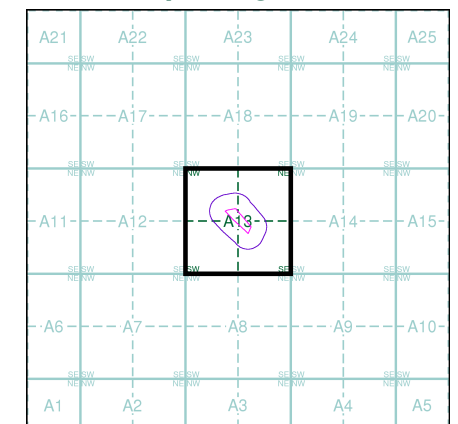
Source map scale - 1:2,500

'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)



Historical Map - Segment A13



Order Details

Order Number: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 100

Site Details

Hill Top Farm, Eastfield Lane, Thurgoland, SHEFFIELD, S35 7AY

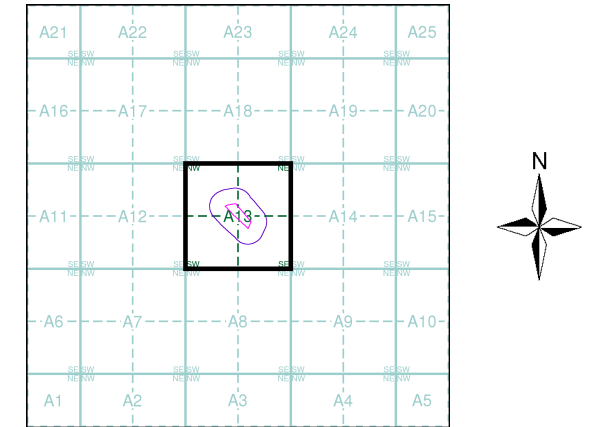


Historical Aerial Photography

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: 184083624_1_1

Customer Ref: 43338

National Grid Reference: 429560, 402580

Slice: A

Site Area (Ha): 0.97

Search Buffer (m): 100

Site Details

Hill Top Farm, Eastfield Lane, Thurgoland, SHEFFIELD, S37 7AY

Envirocheck[®] Report:

Datasheet

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Site Details:

Hill Top Farm, Eastfield Lane

Thurgoland

SHEFFIELD

S35 7AY

Client Details:

Miss E Turner

Eastwood & Partners Ltd

St Andrews House

23 Kingfield Road

Sheffield

S11 9AS

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	8
Hazardous Substances	-
Geological	11
Industrial Land Use	21
Sensitive Land Use	22
Data Currency	23
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Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		1		3
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 2		Yes		
Pollution Incidents to Controlled Waters	pg 2				1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 3				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability	pg 3	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 3		4	8	22

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 8				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 8	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 8				1
Potentially Infilled Land (Non-Water)	pg 8		2	5	14
Potentially Infilled Land (Water)	pg 9		1		9
Registered Landfill Sites	pg 10				1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 11	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 11	Yes	Yes		Yes
BGS Recorded Mineral Sites	pg 13		3	8	24
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 19	Yes	n/a	n/a	n/a
Mining Instability	pg 19	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 19	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 19	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 19		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 19	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 20		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 20	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 21		3	1	1
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 22		2	3	5
Areas of Adopted Green Belt	pg 22	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 22	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	0	1	429562 402580
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	9	1	429550 402550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	54	1	429650 402450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	95	1	429600 402400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	115	1	429750 402500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	147	1	429562 402350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	159	1	429800 402550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	259	1	429900 402580
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	315	1	429950 402600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	318	1	429400 402950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	346	1	429250 402900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	348	1	429500 403000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	359	1	430000 402580
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	376	1	430000 402650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	446	1	429562 403100
1	Discharge Consents Operator: Mr David Warttig Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Hill Top Farm Eastfield Lane, Thurgoland, Sheffield, South Yorkshire, S35 7ay Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: Eprvp3721gs Permit Version: 1 Effective Date: 14th August 2012 Issued Date: 14th August 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Into Land Receiving Water: Land Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13NE (N)	83	2	429563 402733

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: MR & MRS D WATTS Property Type: Domestic Property (Single) Location: NEW DWELLING AT TOAD HALL FARM, THURGOLAND HALL LANE, THURGOLAND, SHEFFIELD Authority: Environment Agency, North East Region Catchment Area: Don Reference: WRA7521 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 19th July 1999 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Treated Effluent Discharge: Not Supplied Environment: Receiving Water: CRANE MOOR DYKE Status: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SW (S)	877	2	429390 401650
2	Discharge Consents Operator: Mr & Mrs Watts Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: New Dwelling At Toad Hall Farm Thurgoland Hall Lane, Thurgoland, Sheffield, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra7521 Permit Version: 1 Effective Date: 19th July 1999 Issued Date: 19th July 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Crane Moor Dyke Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	877	2	429390 401650
3	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Silkstone Common Stw Knabb Lane, Silkstone Common, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra7222 Permit Version: 1 Effective Date: 22nd July 1996 Issued Date: 22nd July 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	963	2	429045 403499
	Nearest Surface Water Feature	A13SE (SE)	123	-	429662 402379
4	Pollution Incidents to Controlled Waters Property Type: Farm Location: Darfield/Source Dove(S) Afu Authority: Environment Agency, North East Region Pollutant: Agricultural: Unknown Note: Not Supplied Incident Date: 23rd June 1993 Incident Reference: 145482 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	A7NE (SW)	724	2	428900 402200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Rockley_Dike GQA Grade: River Quality B Reach: Crane_Moor_Warren_Dyk Estimated Distance (km): 4.8 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A8SE (S)	927	2	429584 401570
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 11 South Pennines Scale: 1:100,000	A13NE (E)	0	2	429562 402580
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (E)	0	3	429562 402580
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
5	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 204.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bagger Wood Dike Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	123	4	429662 402379
6	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bagger Wood Dike Catchment Name: Don and Rother Primacy: 1	A13SE (S)	145	4	429598 402348
7	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 709.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bagger Wood Dike Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	163	4	429785 402461
8	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 254.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (S)	183	4	429541 402332

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1415.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollin Dike Catchment Name: Don and Rother Primacy: 1	A18SW (NW)	333	4	429316 402930
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollin Dike Catchment Name: Don and Rother Primacy: 1	A17SE (NW)	404	4	429182 402915
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 388.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A17SE (NW)	404	4	429182 402915
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: Underground Permanent: True Watercourse Name: Hollin Dike Catchment Name: Don and Rother Primacy: 1	A12NE (NW)	419	4	429144 402895
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollin Dike Catchment Name: Don and Rother Primacy: 1	A12NE (NW)	427	4	429132 402891
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollin Dike Catchment Name: Don and Rother Primacy: 1	A12NE (NW)	435	4	429102 402861
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A12NE (W)	494	4	429011 402806
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 313.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollin Dike Catchment Name: Don and Rother Primacy: 1	A12NE (W)	494	4	429011 402806
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A12NE (NW)	510	4	428998 402817

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A12NE (NW)	511	4	428997 402817
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A12NE (NW)	511	4	428997 402817
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A12SE (W)	616	4	428930 402352
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A12SE (W)	619	4	428891 402435
22	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 18.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A12SE (W)	623	4	428908 402382
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A12SE (W)	634	4	428892 402392
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 204.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A12SW (W)	649	4	428861 402424
25	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A12NW (W)	649	4	428853 402818
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 280.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A12NW (W)	656	4	428845 402819

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 262.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollin Dike Catchment Name: Don and Rother Primacy: 1	A12NW (W)	663	4	428813 402608
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 399.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	780	4	430378 402803
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 613.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bagger Wood Dike Catchment Name: Don and Rother Primacy: 1	A14NE (E)	784	4	430378 402803
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 160.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8SW (S)	809	4	429257 401774
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8SW (S)	865	4	429347 401675
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 274.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8SW (S)	866	4	429361 401670
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 593.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollin Dike Catchment Name: Don and Rother Primacy: 1	A12SW (W)	883	4	428612 402454
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A12SW (W)	883	4	428612 402454
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8SE (S)	901	4	429600 401595

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 579.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8SE (S)	901	4	429600 401595
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A12SW (W)	937	4	428560 402440
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 332.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A17NE (N)	983	4	429170 403575

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Historical Landfill Sites Licence Holder: South Yorkshire County Council Location: Hollin Moor Bridge, Hood Moor, Hood Green, Barnsley Name: County Engineers Site Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD04873 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4400/0432 BGS Ref: Not Supplied Other Ref: 4400/B15, 2B15(29), WD20 Eng9, WD2 B15	A9NW (SE)	551	2	430033 402129
	Local Authority Landfill Coverage Name: Barnsley Metropolitan Borough Council - Has supplied landfill data		0	5	429562 402580
40	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 29 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A9NW (SE)	580	5	430111 402185
41	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1978	A13SE (E)	113	-	429755 402512
42	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13NE (NE)	175	-	429668 402778
43	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13NW (NW)	264	-	429304 402838
44	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A12SE (W)	405	-	429121 402431
45	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8NE (SE)	412	-	429790 402119
46	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8NW (SW)	462	-	429312 402154
47	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SE (NE)	463	-	429875 402978
48	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1978	A9NW (SE)	528	-	430022 402151
49	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A9NW (SE)	560	-	429940 402036
50	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SE (NE)	604	-	429870 403162

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1978	A9NE (SE)	733	-	430277 402167
52	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18NE (NE)	739	-	429893 403304
53	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1978	A9NW (SE)	741	-	430078 401911
54	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8SW (SW)	791	-	429223 401813
55	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1978	A9SW (SE)	793	-	430110 401870
56	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8SW (S)	811	-	429313 401746
57	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A7NE (SW)	840	-	428898 402027
58	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A7SE (SW)	844	-	429028 401896
59	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A12NW (W)	886	-	428623 402876
60	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1978	A19NW (NE)	899	-	430174 403295
61	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1978	A15NW (E)	938	-	430575 402617
62	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13NW (NW)	51	-	429452 402683
63	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8SE (S)	657	-	429637 401838
64	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A17SE (NW)	694	-	429109 403227
65	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1907	A18NW (N)	704	-	429294 403321
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1906	A8SW (S)	721	-	429398 401810
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SE (NW)	727	-	429032 403213
68	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1855	A9NE (SE)	728	-	430294 402216

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1855	A8SW (S)	737	-	429423 401786
70	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8SW (S)	873	-	429335 401671
71	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8SW (S)	921	-	429340 401619
72	Registered Landfill Sites Licence Holder: Barnsley M.B.C. Licence Reference: WD 2 B15 Site Location: Hollin Moor Bridge, Hood Moor, Hood Green, Barnsley, South Yorkshire Licence Easting: 430160 Licence Northing: 402160 Operator Location: Eng.Dept, Barnsley, South Yorkshire Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1985 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Non-Haz. Waste From Road Constn/Repair Prohibited Waste: All Forms Of Asbestos Liq/Slurry In Drums/Cont'Rs > 4l Cap.	A9NW (SE)	635	2	430160 402160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A13NE (E)	0	1	429562 402580
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (E)	0	1	429562 402580
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (NE)	18	1	429612 402614
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (N)	83	1	429527 402736
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (NE)	121	1	429659 402706
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14SW (E)	594	1	430215 402384
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8NW (S)	616	1	429317 401960

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil 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:	A14SE (E)	638	1	430259 402381
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7NE (SW)	669	1	429130 402040
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9NW (SE)	690	1	430177 402087
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NW (W)	718	1	428760 402693
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A19SW (NE)	750	1	430000 403249
	BGS Estimated Soil Chemistry 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:	A7NE (SW)	787	1	429000 402000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A19NW (NE)	849	1	430000 403369
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8SE (S)	877	1	429724 401625
73	BGS Recorded Mineral Sites Site Name: Lower Lee Wood Coal Pits Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 108292 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	131	1	429659 402370
74	BGS Recorded Mineral Sites Site Name: East Field Colliery Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 108288 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	147	1	429780 402489
75	BGS Recorded Mineral Sites Site Name: Hill Top Colliery Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 38018 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	163	1	429655 402774
76	BGS Recorded Mineral Sites Site Name: East Field Colliery Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 108289 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SW (E)	266	1	429903 402491

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	BGS Recorded Mineral Sites Site Name: East Field Colliery Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 108290 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SW (E)	314	1	429945 402461
78	BGS Recorded Mineral Sites Site Name: Pinfold Lane Coal Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 38014 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Whinmoor Coal Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	316	1	429281 402887
79	BGS Recorded Mineral Sites Site Name: East Field Colliery Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 38022 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Coal (South Yorkshire And Derbyshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SW (E)	405	1	430044 402504
80	BGS Recorded Mineral Sites Site Name: Hollin Moor Coal Pits Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 108291 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	410	1	429794 402124
81	BGS Recorded Mineral Sites Site Name: Pinfold Hill Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 38011 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12SE (W)	450	1	429077 402431
82	BGS Recorded Mineral Sites Site Name: Upper Lee Wood Coal Pits Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 108293 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	453	1	429318 402160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	BGS Recorded Mineral Sites Site Name: Tom Royd Wood Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 109924 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	471	1	429877 402987
84	BGS Recorded Mineral Sites Site Name: Hollin Moor Quarry Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204976 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Coal (West And South Yorkshire And Derbyshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	569	1	430035 402105
84	BGS Recorded Mineral Sites Site Name: Hollin Moor Quarry Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204975 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Coal (West And South Yorkshire And Derbyshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	574	1	430048 402112
84	BGS Recorded Mineral Sites Site Name: Hollin Moor Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 38016 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	585	1	430049 402096
85	BGS Recorded Mineral Sites Site Name: Hollin Moor Coal Pits Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 108294 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	597	1	430007 402040
86	BGS Recorded Mineral Sites Site Name: Hollin Moor Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204974 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Coal (West And South Yorkshire And Derbyshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	709	1	430064 401942

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	BGS Recorded Mineral Sites Site Name: Hollin Moor Coal Pits Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 108295 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	746	1	430086 401912
86	BGS Recorded Mineral Sites Site Name: Hollin Moor Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204973 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Coal (West And South Yorkshire And Derbyshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	757	1	430087 401898
87	BGS Recorded Mineral Sites Site Name: Stanhope Silkstone Main Colliery Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204977 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	806	1	430337 402125
87	BGS Recorded Mineral Sites Site Name: Stanhope Silkstone Main Colliery Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204978 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	806	1	430341 402132
87	BGS Recorded Mineral Sites Site Name: Stanhope Silkstone Main Colliery Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 38019 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	811	1	430349 402138
88	BGS Recorded Mineral Sites Site Name: Hollin Moor Coal Pits Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 108296 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	821	1	430133 401853

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	BGS Recorded Mineral Sites Site Name: Pule Hill Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 38012 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Penistone Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	874	1	428859 402018
90	BGS Recorded Mineral Sites Site Name: Simhill House Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204969 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Coal (West And South Yorkshire And Derbyshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	892	1	430011 401693
91	BGS Recorded Mineral Sites Site Name: Hand Lane Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204970 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Coal (West And South Yorkshire And Derbyshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	900	1	430155 401771
91	BGS Recorded Mineral Sites Site Name: Hand Lane Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204971 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Coal (West And South Yorkshire And Derbyshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	906	1	430168 401773
92	BGS Recorded Mineral Sites Site Name: Coates Coal Pits Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 38015 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Whinmoor Coal Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12NW (W)	909	1	428596 402868
93	BGS Recorded Mineral Sites Site Name: Falthwaite Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 37901 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	912	1	430173 403315

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	BGS Recorded Mineral Sites Site Name: Simhill House Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204967 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Coal (West And South Yorkshire And Derbyshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	949	1	430077 401663
94	BGS Recorded Mineral Sites Site Name: Simhill House Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204968 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Coal (West And South Yorkshire And Derbyshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	953	1	430066 401652
95	BGS Recorded Mineral Sites Site Name: Hand Lane Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204972 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Coal (West And South Yorkshire And Derbyshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9SE (SE)	961	1	430267 401784
96	BGS Recorded Mineral Sites Site Name: Bagger Wood Mine Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204982 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Parkgate Coal (West And South Yorkshire And Nottingham) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A15NW (E)	975	1	430610 402649
96	BGS Recorded Mineral Sites Site Name: Bagger Wood Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 38021 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A15NW (E)	977	1	430615 402616
96	BGS Recorded Mineral Sites Site Name: Bagger Wood Mine Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204983 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Parkgate Coal (West And South Yorkshire And Nottingham) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A15NW (E)	983	1	430619 402634

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	BGS Recorded Mineral Sites Site Name: Simhill House Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 204966 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Silkstone Coal (West And South Yorkshire And Derbyshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	979	1	430153 401673
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NE (E)	0	6	429562 402580
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (E)	0	-	429562 402580
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	429562 402580
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	429562 402580
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	429562 402580
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	5	1	429545 402552
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	429562 402580
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	429562 402580
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	429597 402596
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	78	1	429520 402730
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	80	1	429507 402738
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	102	1	429726 402458
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	108	1	429369 402649
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	116	1	429678 402395
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	122	1	429562 402775

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	134	1	429342 402630
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	155	1	429372 402754
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	161	1	429762 402411
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	172	1	429454 402813
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	186	1	429656 402802
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	208	1	429270 402668
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	246	1	429389 402869
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	429562 402580
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	5	1	429545 402552
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	429562 402580
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	429545 402552
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	108	1	429418 402732
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	127	1	429676 402695
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	147	1	429584 402346
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	216	1	429728 402774
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	216	1	429380 402835
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	429562 402580
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	429562 402580

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	Points of Interest - Manufacturing and Production Name: R Wood Location: Eastfield Cottage Hill Top, Eastfield Lane, Thurgoland, Sheffield, S35 7AY Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A13NW (NW)	49	7	429476 402692
99	Points of Interest - Manufacturing and Production Name: R P Wood Location: Eastfield Farm Cottage, Eastfield Lane, Thurgoland, Sheffield, S35 7AY Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A13SW (W)	152	7	429343 402566
100	Points of Interest - Manufacturing and Production Name: Shaft Location: S35 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A13SE (S)	157	7	429657 402343
101	Points of Interest - Manufacturing and Production Name: Shaft Location: S35 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A18SE (NE)	443	7	429829 402993
102	Points of Interest - Manufacturing and Production Name: W Watts Location: Toad Hole Farm Cottage, Sim Hill, Thurgoland, Sheffield, S35 7BB Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8SW (S)	743	7	429388 401790

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	Ancient Woodland Name: Tom Royd Wood Reference: 1103269 Area(m²): 136712.13 Type: Ancient and Semi-Natural Woodland	A13NE (N)	214	8	429665 402830
104	Ancient Woodland Name: Lower Lee Wood Reference: 1103268 Area(m²): 29414.49 Type: Plantation on Ancient Woodland	A13SE (SE)	218	8	429772 402338
105	Ancient Woodland Name: Bagger Wood Reference: 1103436 Area(m²): 265340.46 Type: Plantation on Ancient Woodland	A14NW (E)	348	8	429984 402596
106	Ancient Woodland Name: Upper Lee Wood Reference: 1103266 Area(m²): 27661.28 Type: Plantation on Ancient Woodland	A8NW (SW)	374	8	429386 402205
107	Ancient Woodland Name: Bagger Wood Reference: 1103436 Area(m²): 7852.66 Type: Ancient and Semi-Natural Woodland	A14SW (E)	435	8	430064 402436
108	Ancient Woodland Name: Not Supplied Reference: 1411813 Area(m²): 17686.61 Type: Plantation on Ancient Woodland	A9NW (SE)	635	8	430097 402076
109	Ancient Woodland Name: Tom Royd Wood Reference: 1103269 Area(m²): 12375.33 Type: Plantation on Ancient Woodland	A19SW (NE)	696	8	429988 403189
110	Ancient Woodland Name: Not Supplied Reference: 1411808 Area(m²): 15449.75 Type: Ancient and Semi-Natural Woodland	A8SW (S)	855	8	429507 401648
111	Ancient Woodland Name: Not Supplied Reference: 1411807 Area(m²): 6715.87 Type: Plantation on Ancient Woodland	A9SW (SE)	946	8	429982 401621
112	Ancient Woodland Name: Not Supplied Reference: 1411806 Area(m²): 15745.88 Type: Ancient and Semi-Natural Woodland	A9SW (SE)	991	8	430036 401595
113	Areas of Adopted Green Belt Authority: Barnsley Metropolitan Borough Council, Planning Department Plan Name: Barnsley Unitary Development Plan Status: Adopted Plan Date: 31st December 2000	A13NE (E)	0	9	429562 402580
114	Nitrate Vulnerable Zones Name: River Dearne Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NE (E)	0	3	429562 402580

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Sheffield City Council - Environmental Protection Service	July 2013 October 2017	Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North East Region	July 2018	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - North East Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - North East Region	July 2018	Quarterly
Local Authority Integrated Pollution Prevention And Control Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Sheffield City Council - Environmental Protection Service	April 2014 June 2014	Variable Variable
Local Authority Pollution Prevention and Controls Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Sheffield City Council - Environmental Protection Service	April 2014 June 2014	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Sheffield City Council - Environmental Protection Service	April 2014 June 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	September 2017	
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - North East Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - North East Region	January 2015	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	July 2018 July 2018	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	July 2018	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	October 2017	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified

Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	January 2018	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2018	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2018	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	August 2018	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2018	Quarterly
Flood Defences Environment Agency - Head Office	August 2018	Quarterly
OS Water Network Lines Ordnance Survey	May 2018	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

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

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2018	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	August 2018	Quarterly
Fuel Station Entries Experian Catalyst	August 2018	Quarterly
Gas Pipelines National Grid	July 2014	
Points of Interest - Commercial Services PointX	September 2018	Quarterly
Points of Interest - Education and Health PointX	September 2018	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2018	Quarterly
Points of Interest - Public Infrastructure PointX	September 2018	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2018	Quarterly
Underground Electrical Cables National Grid	December 2015	

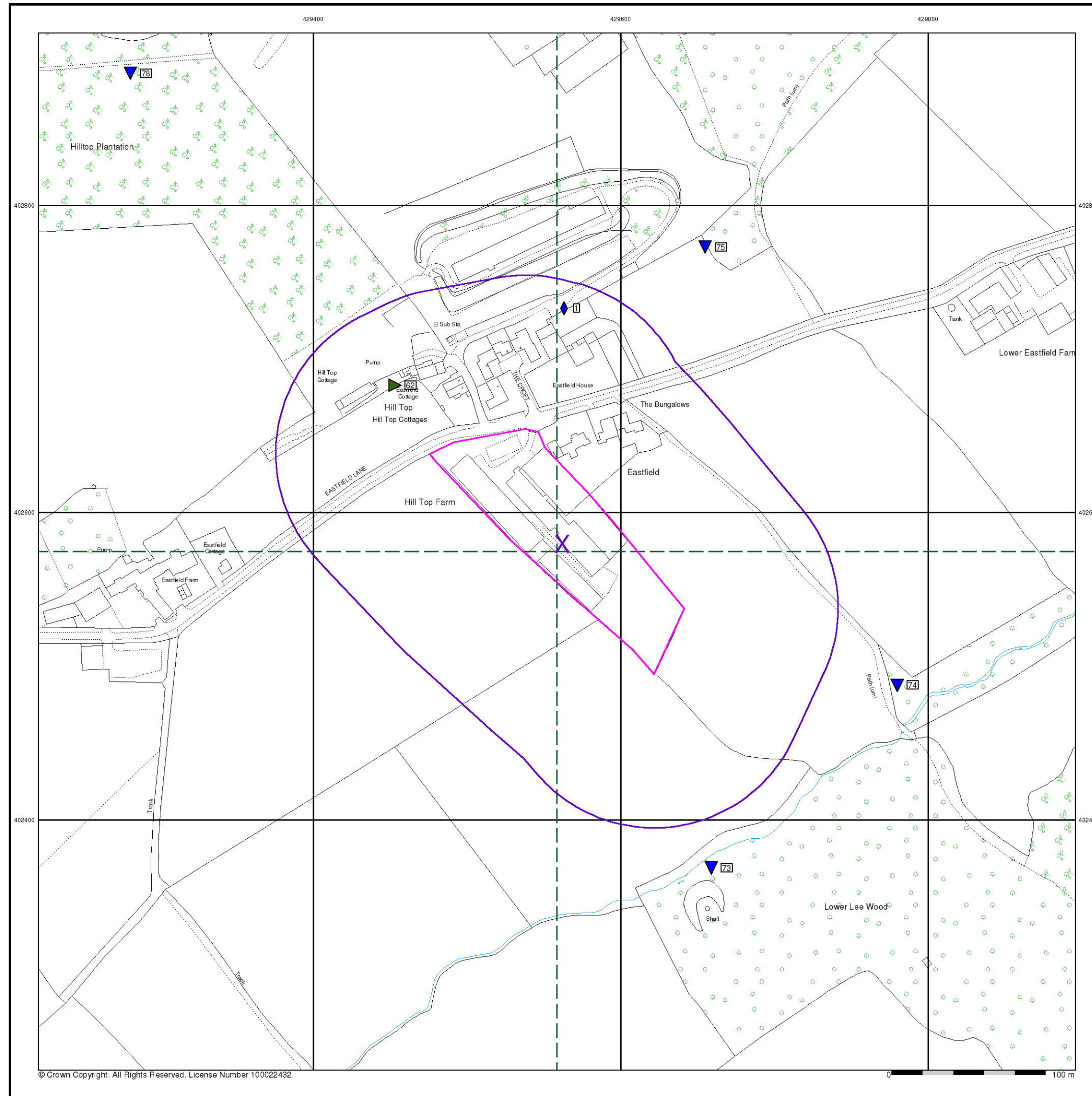
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	August 2018	Bi-Annually
Areas of Adopted Green Belt Barnsley Metropolitan Borough Council - Planning Department Sheffield City Council	August 2018 August 2018	As notified As notified
Areas of Unadopted Green Belt Barnsley Metropolitan Borough Council - Planning Department Sheffield City Council	August 2018 August 2018	As notified As notified
Areas of Outstanding Natural Beauty Natural England	August 2018	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	August 2018	Bi-Annually
Marine Nature Reserves Natural England	January 2018	Bi-Annually
National Nature Reserves Natural England	August 2018	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2018	Bi-Annually
Sites of Special Scientific Interest Natural England	October 2018	Bi-Annually
Special Areas of Conservation Natural England	August 2018	Bi-Annually
Special Protection Areas Natural England	August 2018	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
6	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
9	Barnsley Metropolitan Borough Council - Planning Department Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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General

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- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral
- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

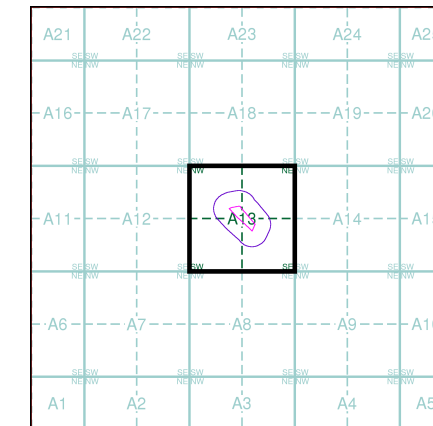
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13



Order Details

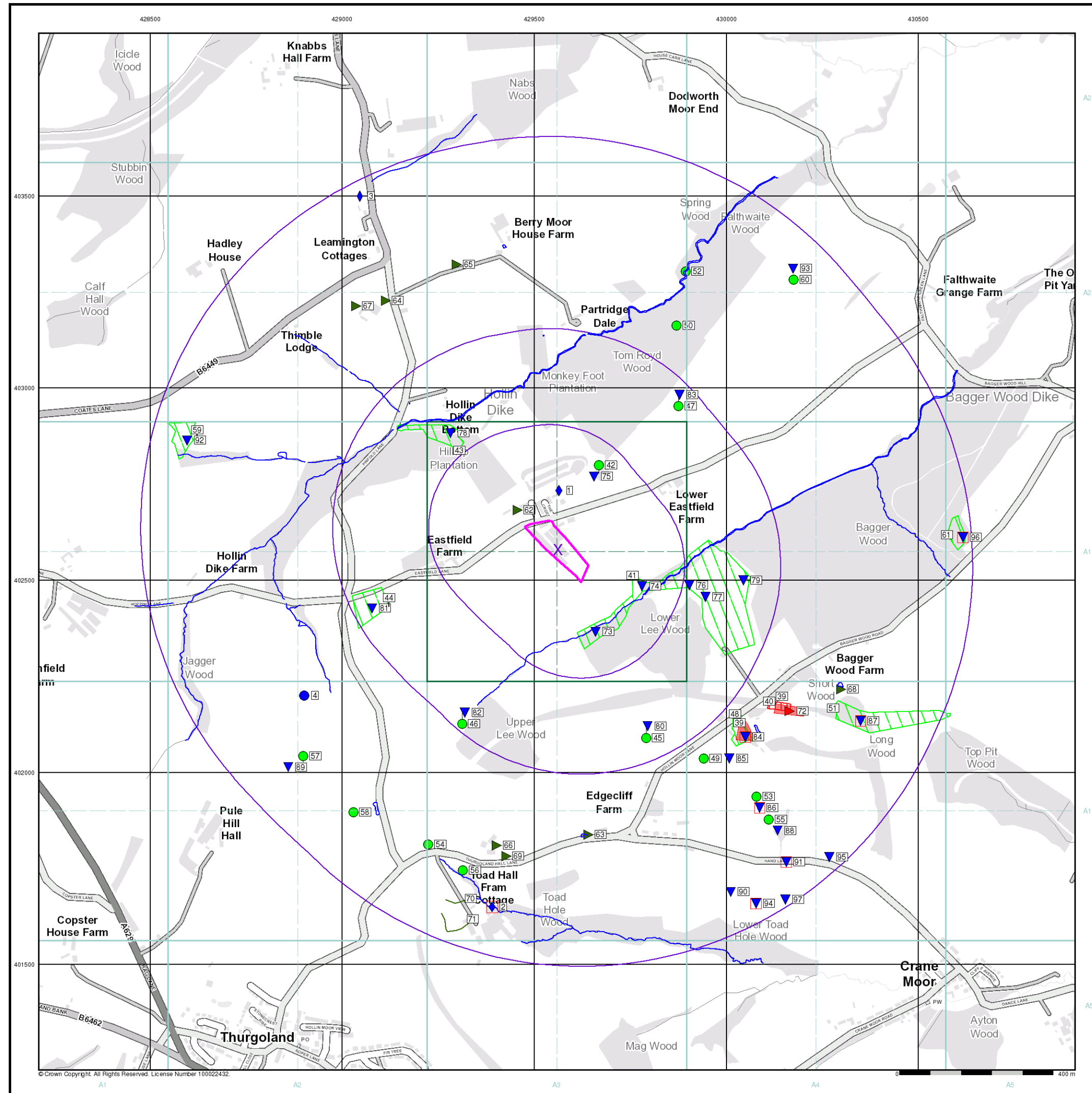
Order Number: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Plot Buffer (m): 100

Site Details

Hill Top Farm, Eastfield Lane, Thurgoland, SHEFFIELD, S35 7AY

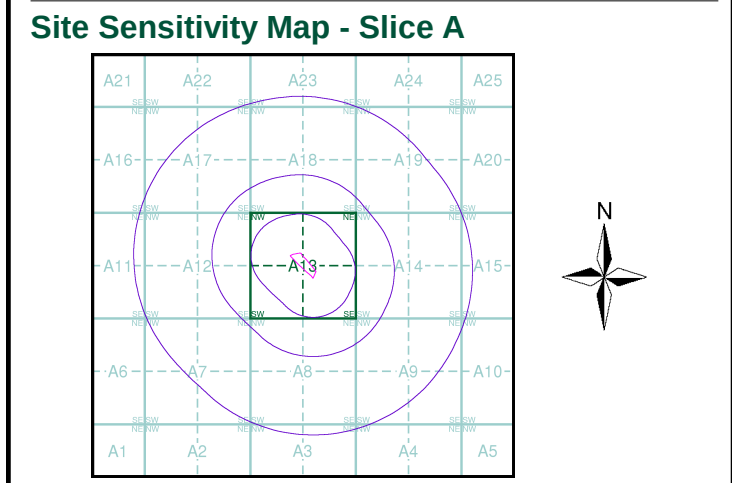
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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice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

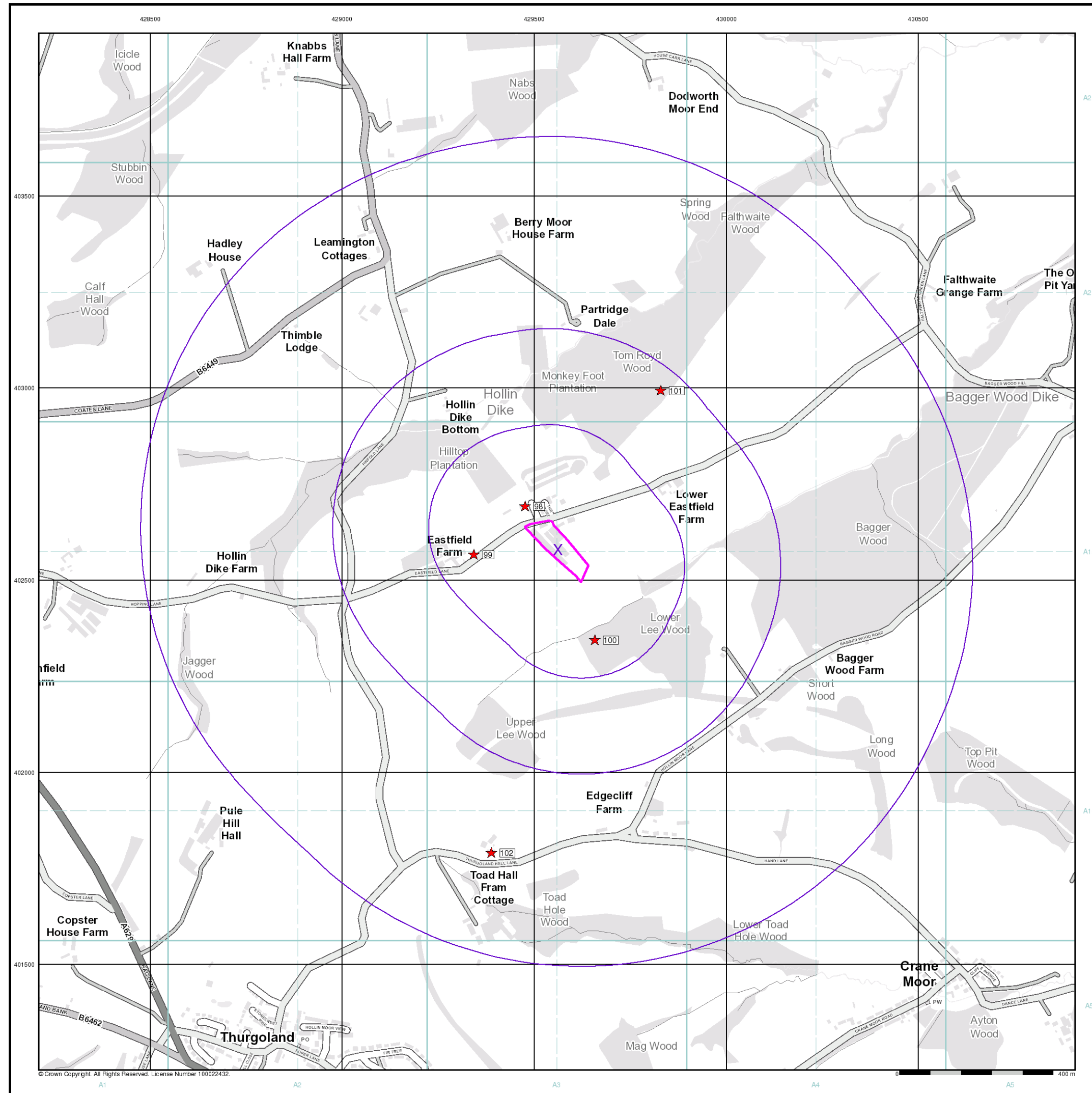


Order Details

Order Number: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details

Hill Top Farm, Eastfield Lane, Thurgoland, SHEFFIELD, S35 7AY



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Industrial Land Use Map

General

Specified Site Specified Buffer(s) Bearing Reference Point

Slice

Map ID

Industrial Land Use

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

Industrial Land Use Map - Slice A

Order Details

Order Number:	184083624_1_1
Customer Ref:	43338
National Grid Reference:	429560, 402580
Slice:	A
Site Area (Ha):	0.97
Search Buffer (m):	1000

Site Details

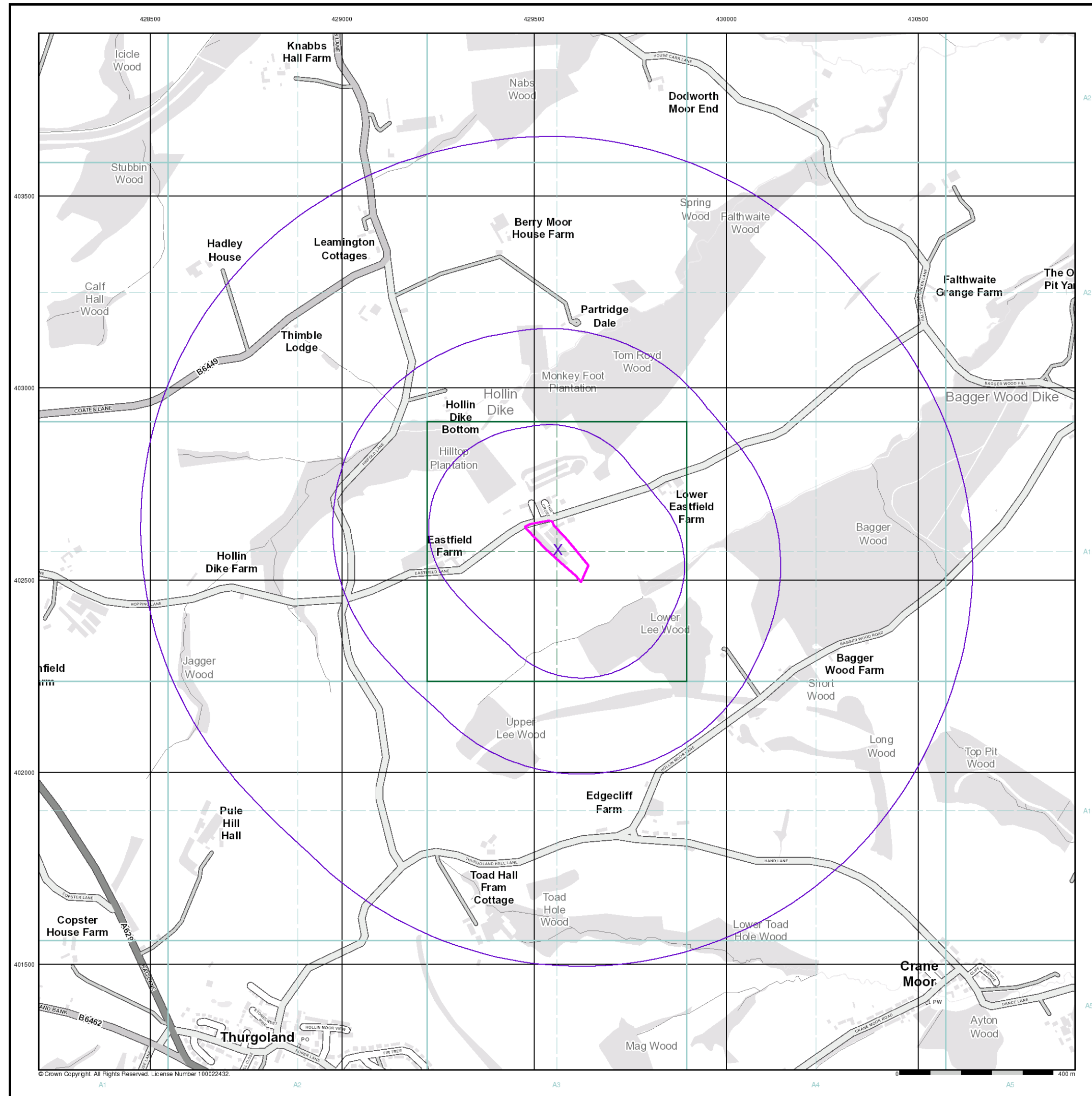
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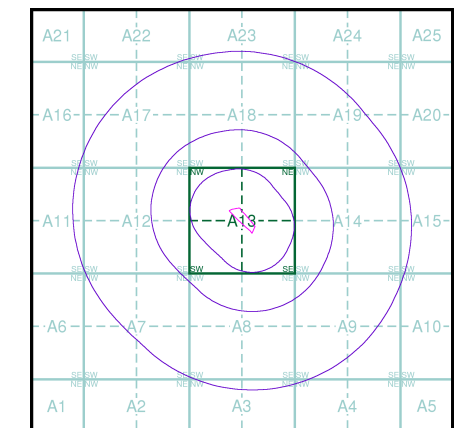
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A

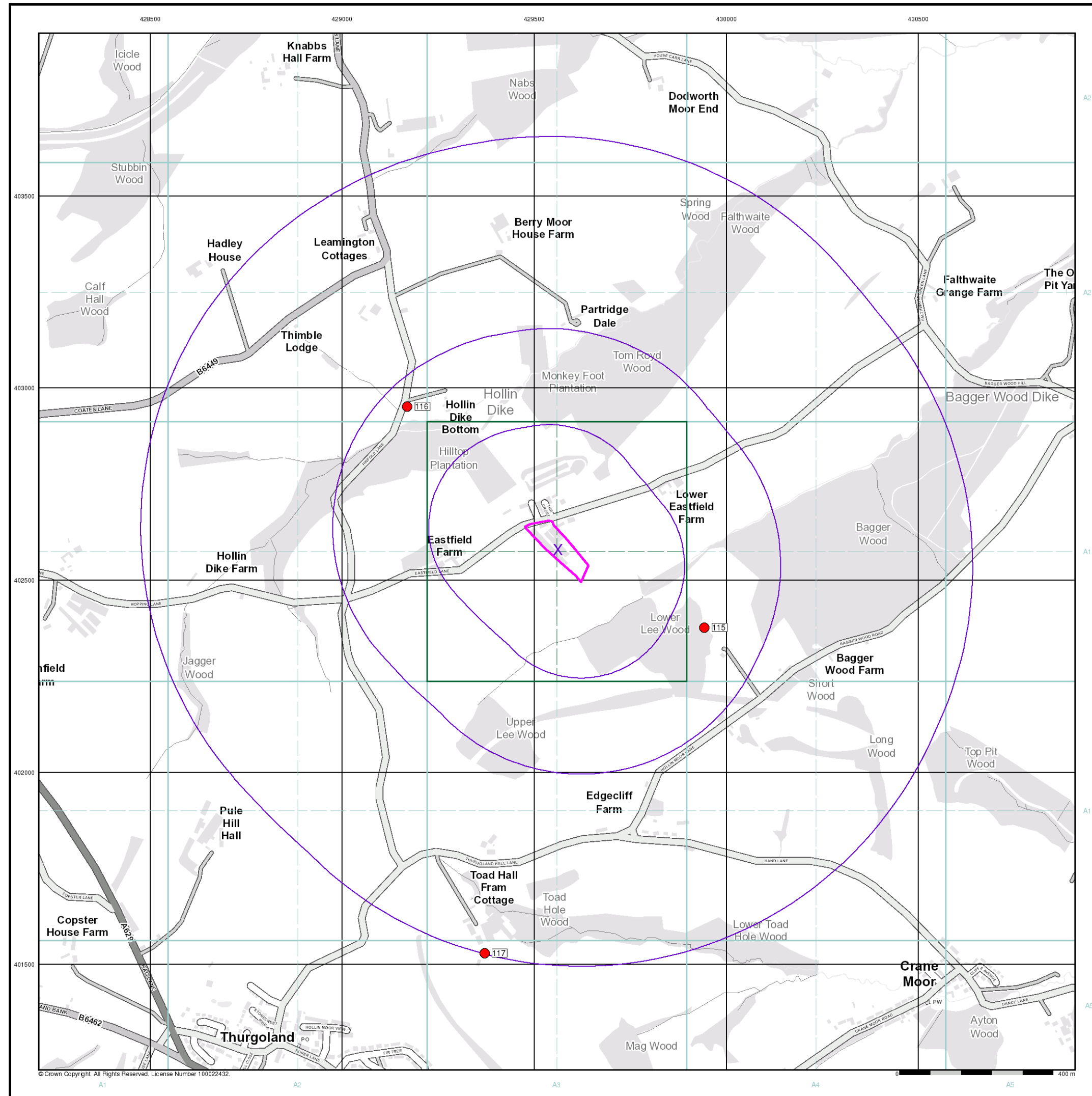


Order Details

Order Number: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details

Hill Top Farm, Eastfield Lane, Thurgoland, SHEFFIELD, S35 7AY



General

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

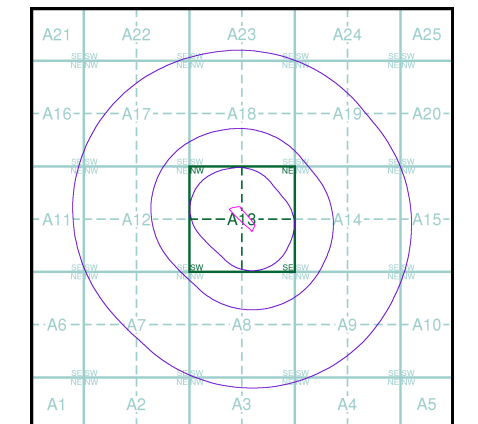
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

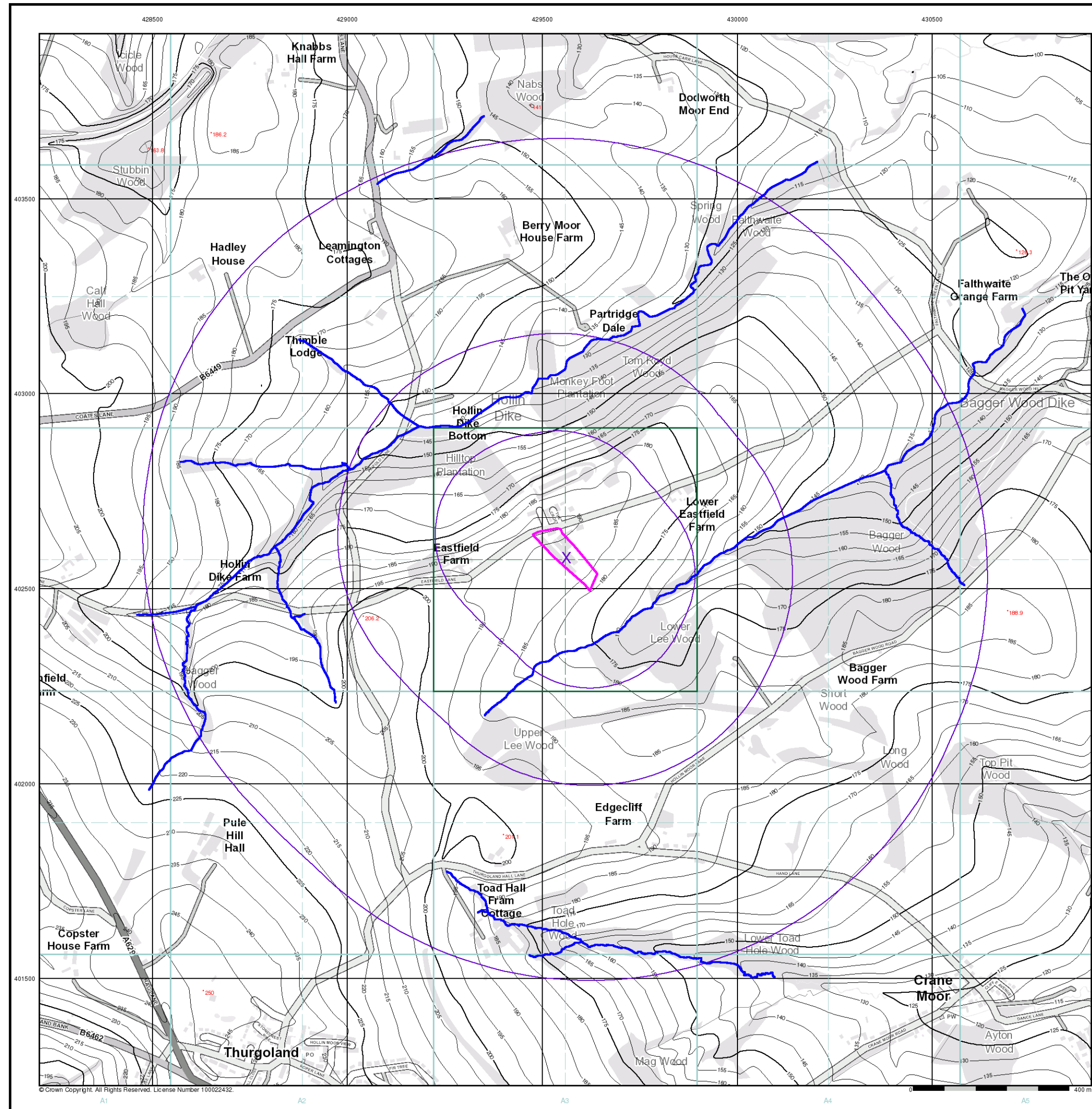


Order Details

Order Number: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details

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General

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

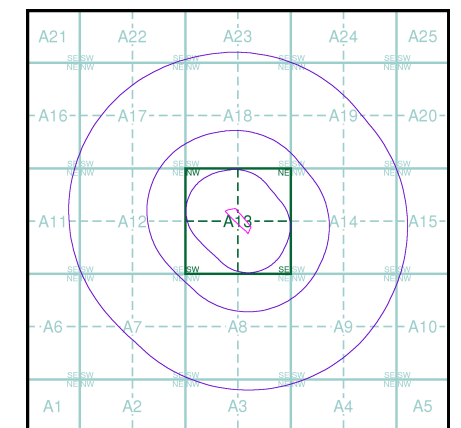
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A



Order Details

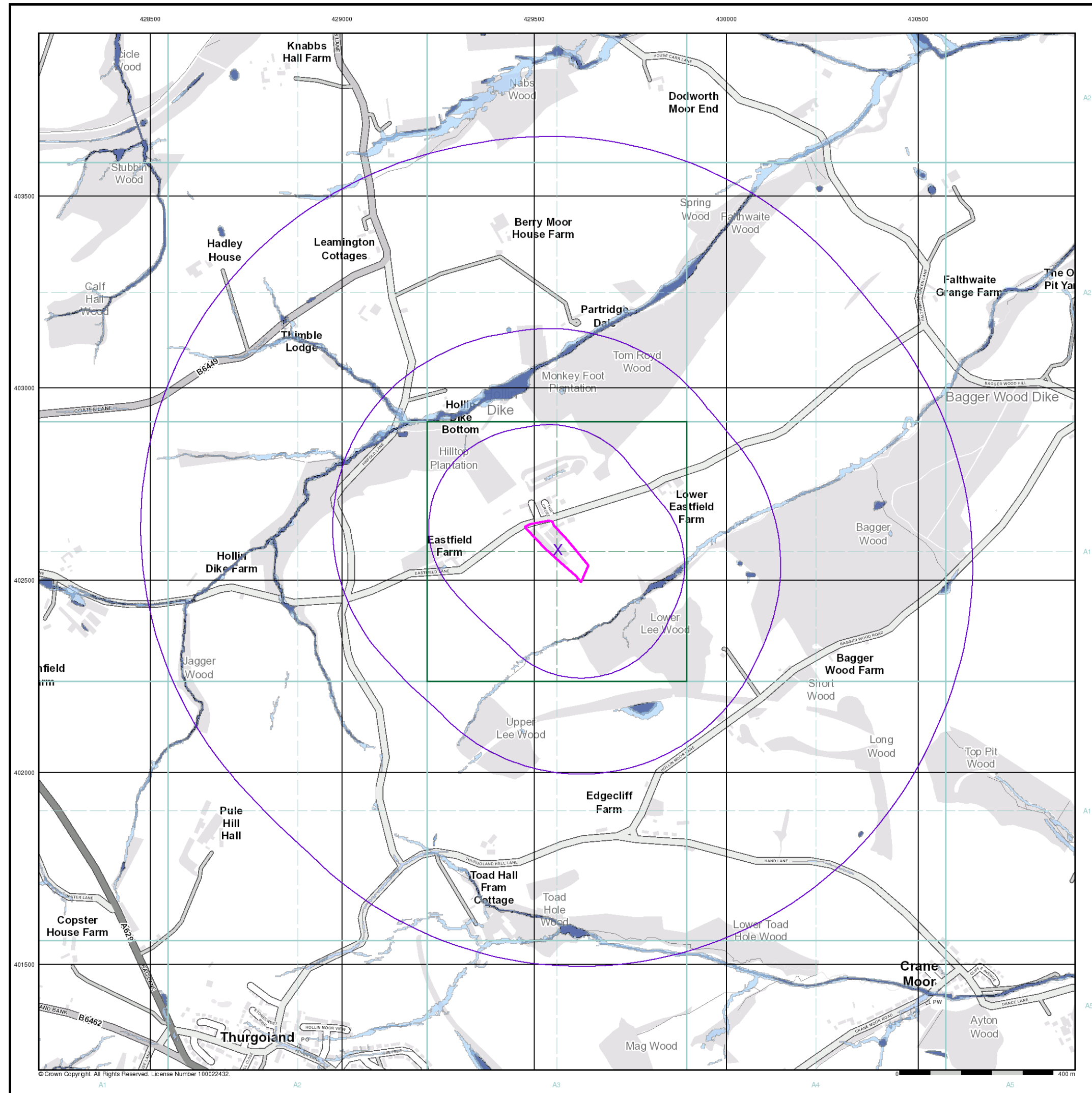
Order Number: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details

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General

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

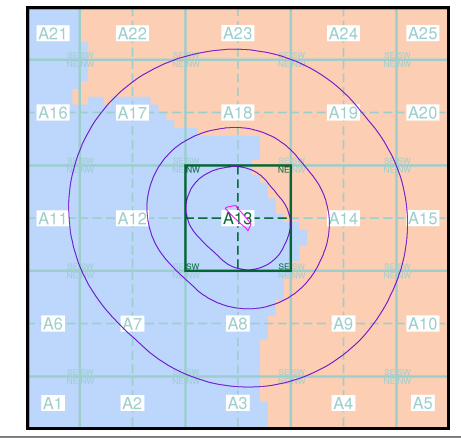
Risk of Flooding from Surface Water

- 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

E/NRW Suitability Map - Slice A

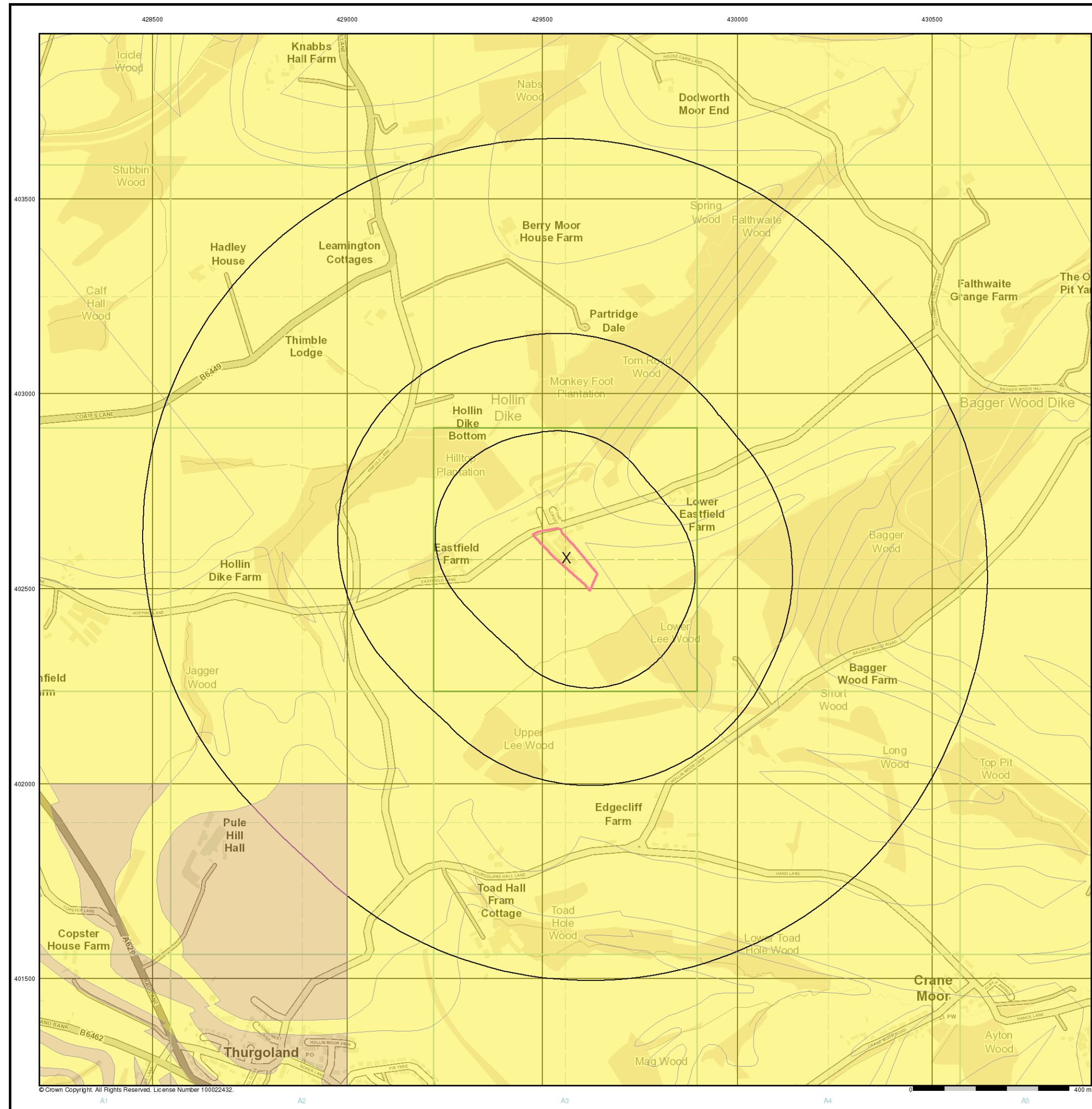


Order Details

Order Number: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details

Hill Top Farm, Eastfield Lane, Thurgoland, SHEFFIELD, S35 7AY



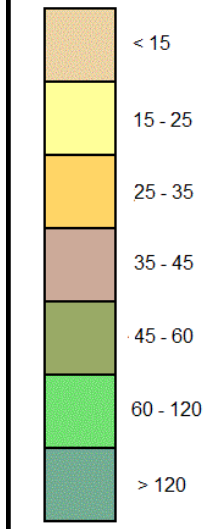
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General

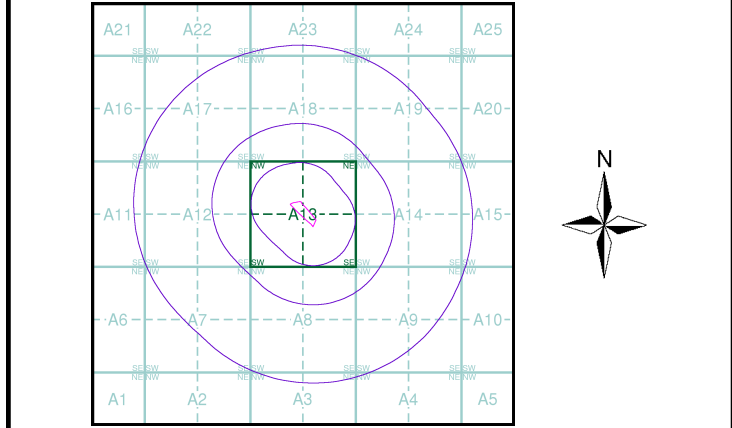
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

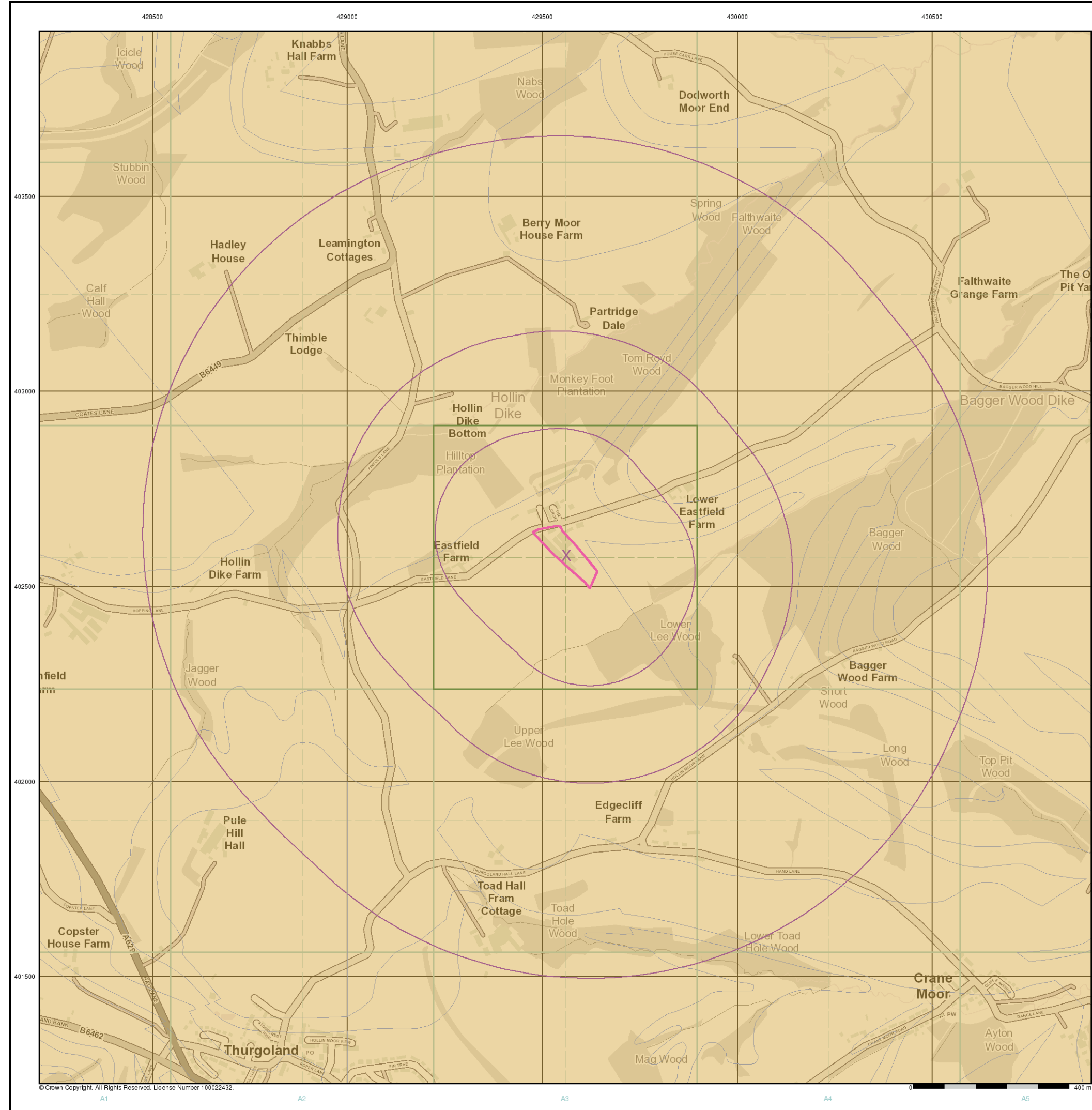


Order Details

Order Details: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details

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General

📍 Specified Site 🌀 Specified Buffer(s) ✕ Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

	< 1.8
	1.8 - 2.2
	2.2 - 3.0
	> 3.0

Estimated Soil Chemistry Cadmium - Slice A

Order Details

Order Details:	184083624_1_1
Customer Ref:	43338
National Grid Reference:	429560, 402580
Slice:	A
Site Area (Ha):	0.97
Search Buffer (m):	1000

Site Details

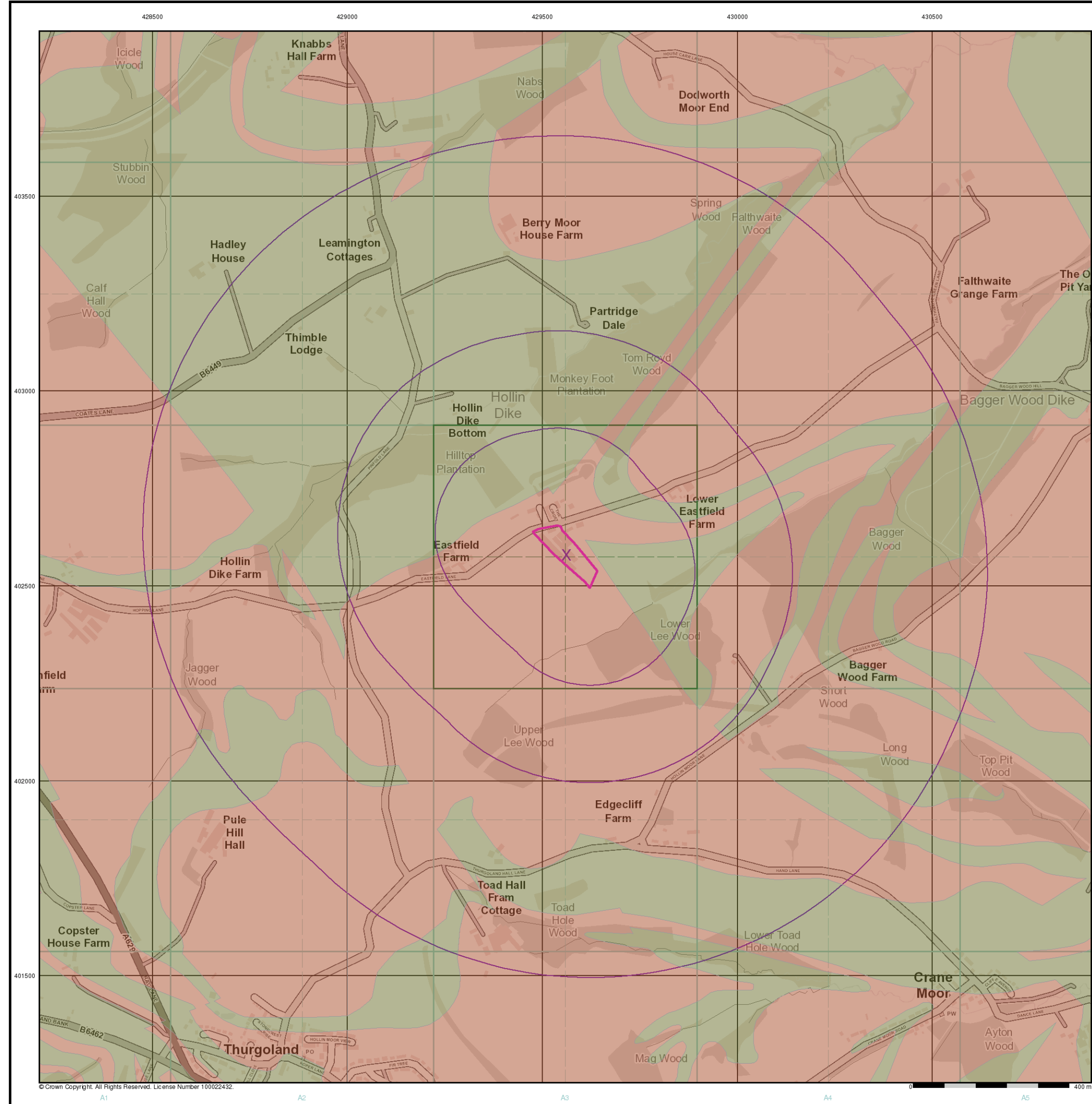
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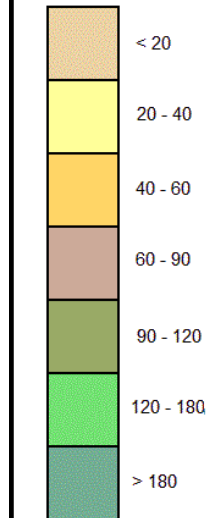
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General

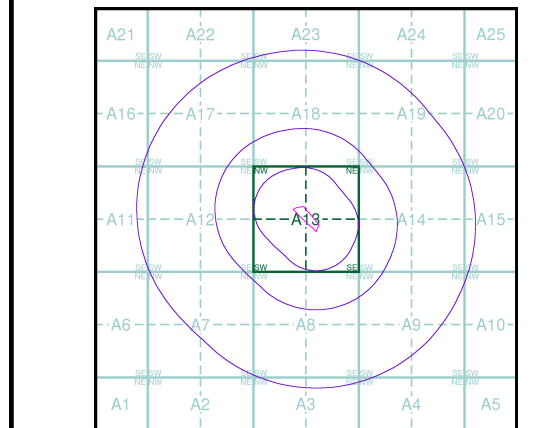
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

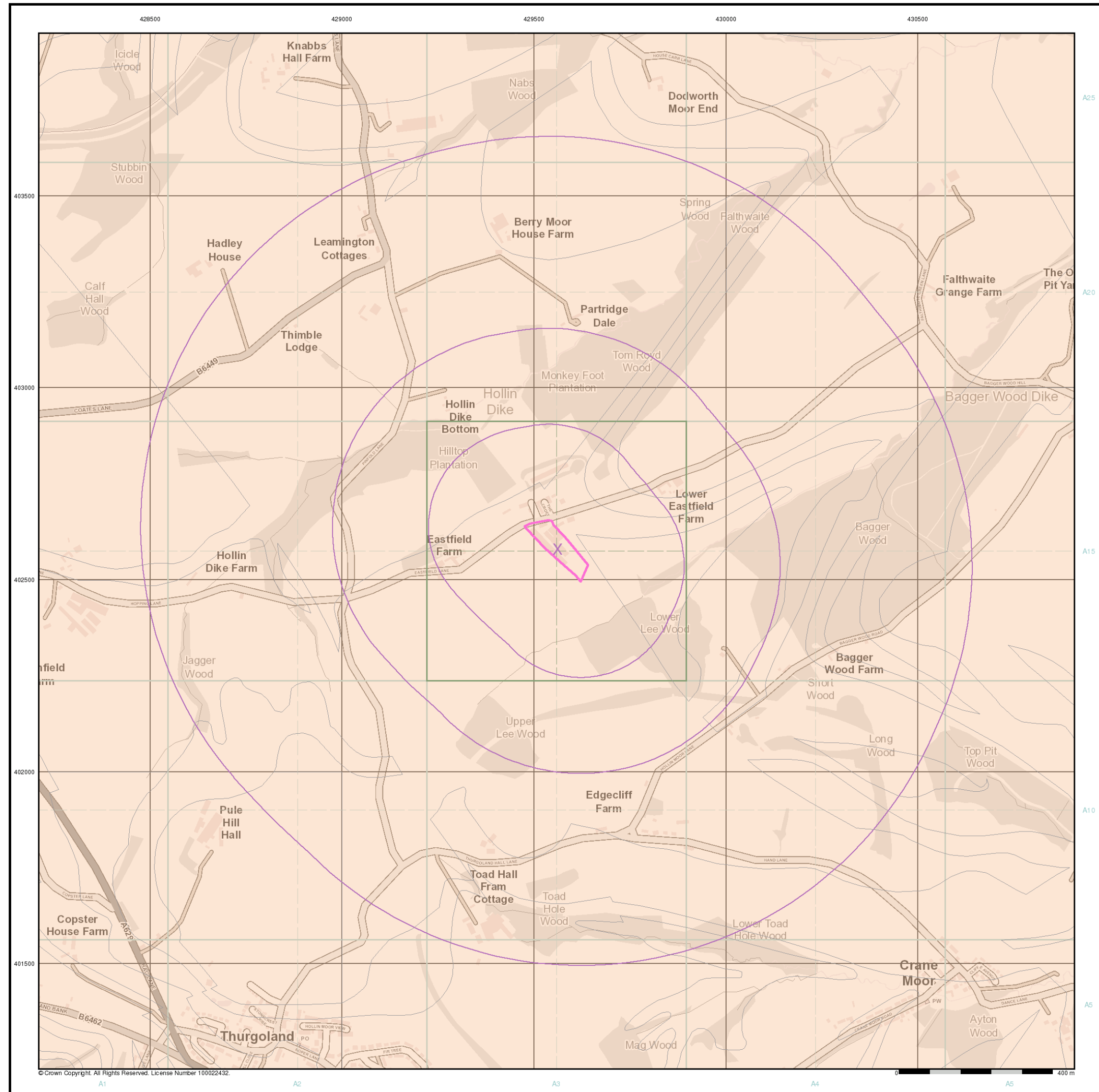


Order Details

Order Details: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details

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General

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

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

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

Estimated Soil Chemistry Lead - Slice A

Order Details

Order Details:	184083624_1_1
Customer Ref:	43338
National Grid Reference:	429560, 402580
Slice:	A
Site Area (Ha):	0.97
Search Buffer (m):	1000

Site Details

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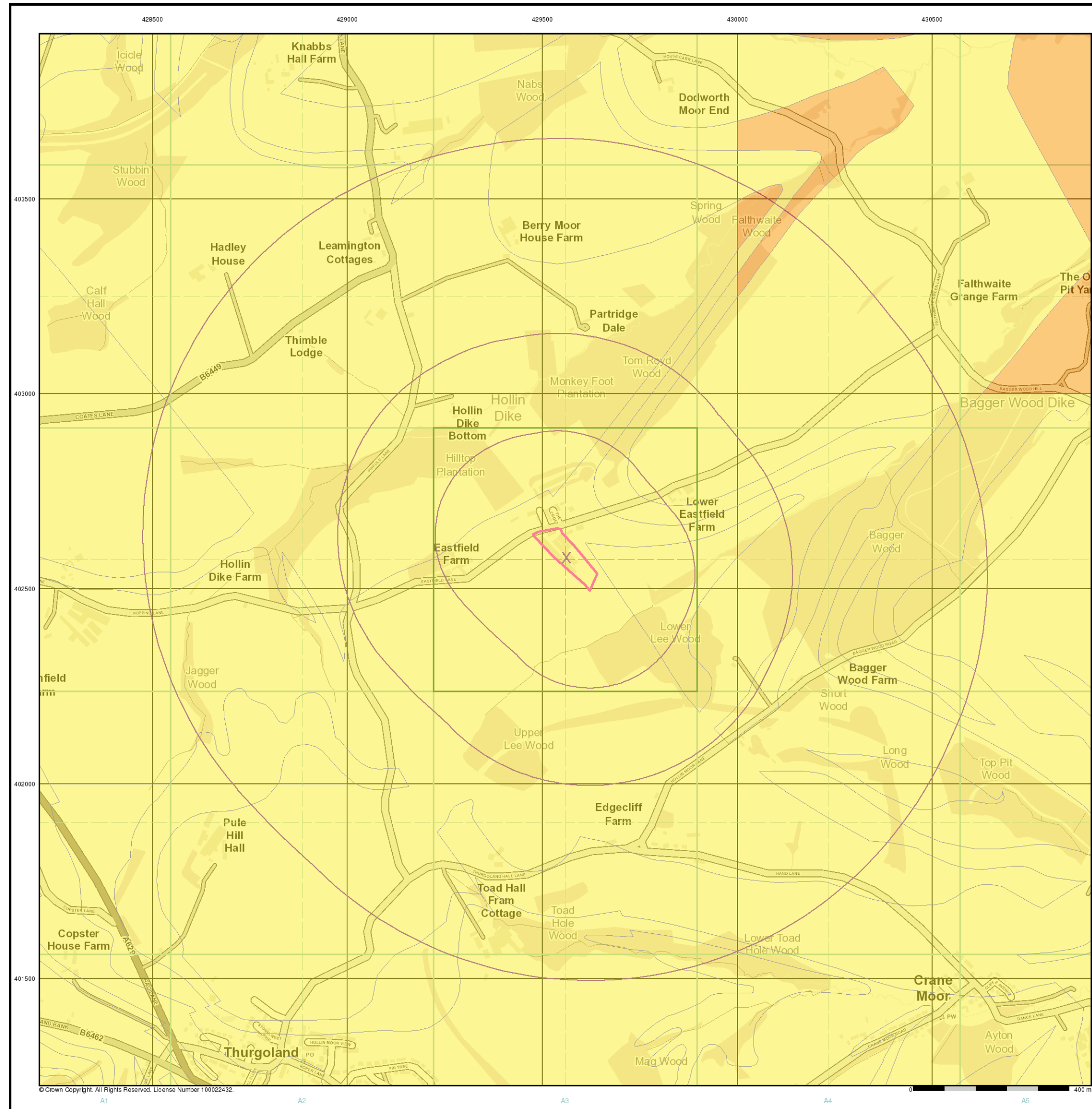
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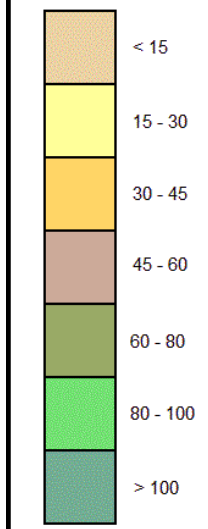
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General

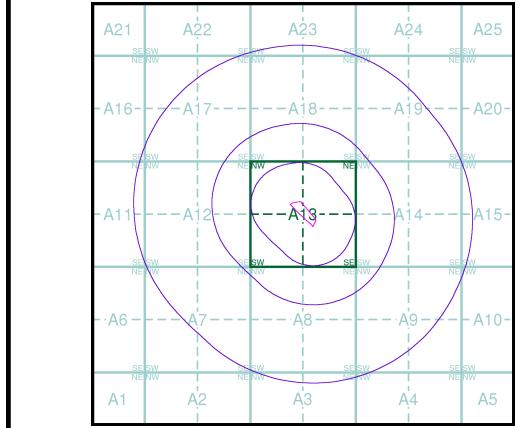
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

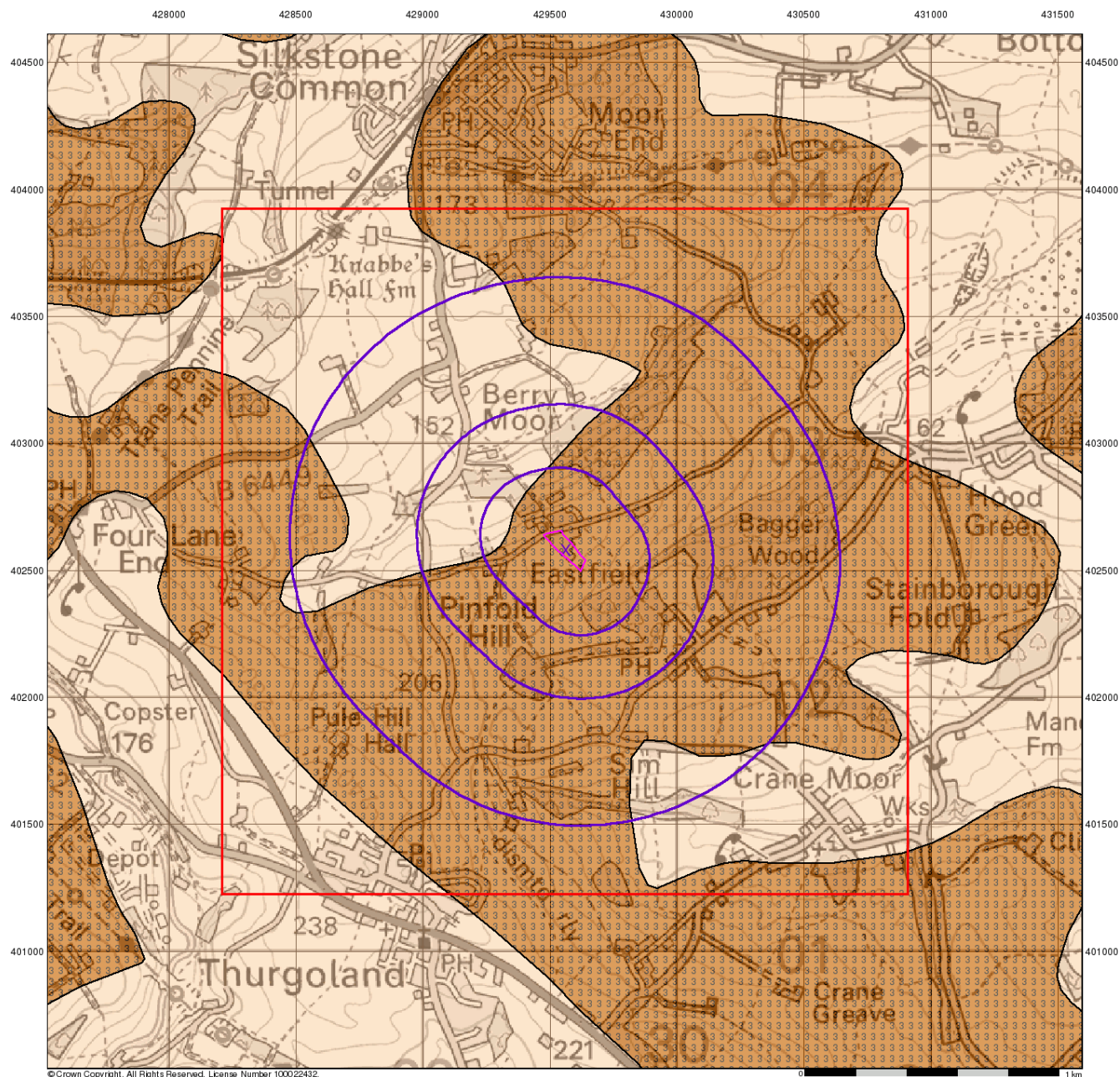
Order Details: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details

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0 1 km

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Groundwater Vulnerability

General

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

Agency and Hydrological

Geological Classes

Major Aquifer
(Highly Permeable)

Minor Aquifer
(Variably Permeable)

Non Aquifer
(Negligibly Permeable)

Water or Sea

Drift Deposit

Soil Classes

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

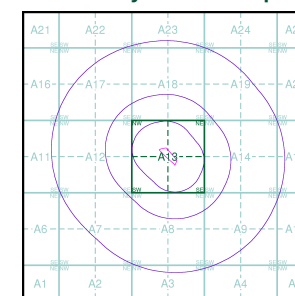
Low

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

Site Sensitivity Context Map - Slice A



Order Details

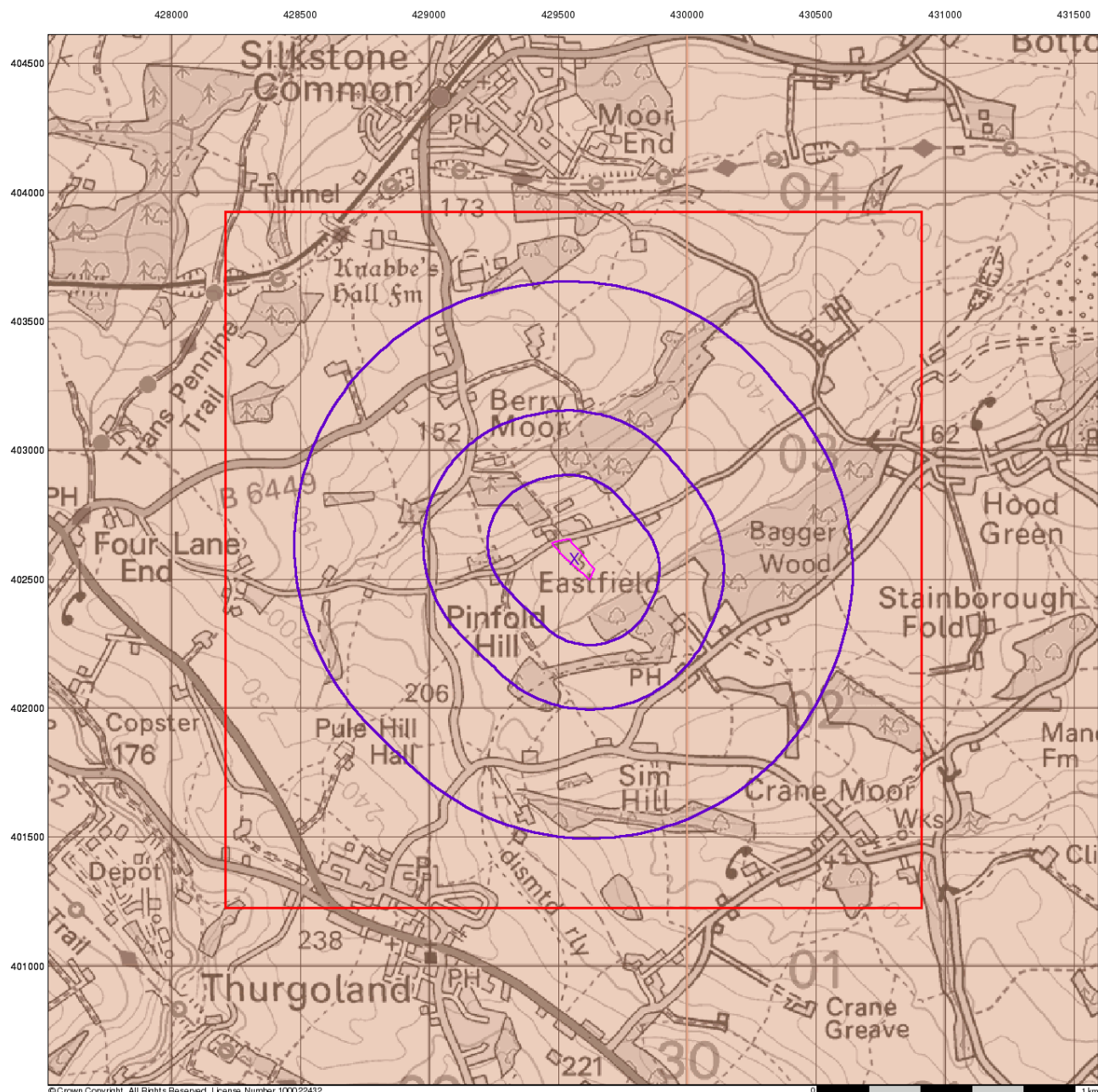
Order Number: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402580
Slice: A
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Bedrock Aquifer Designation

General

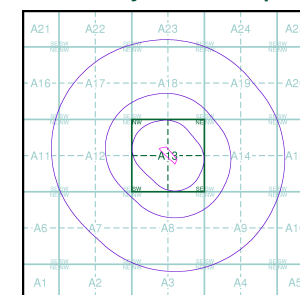
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

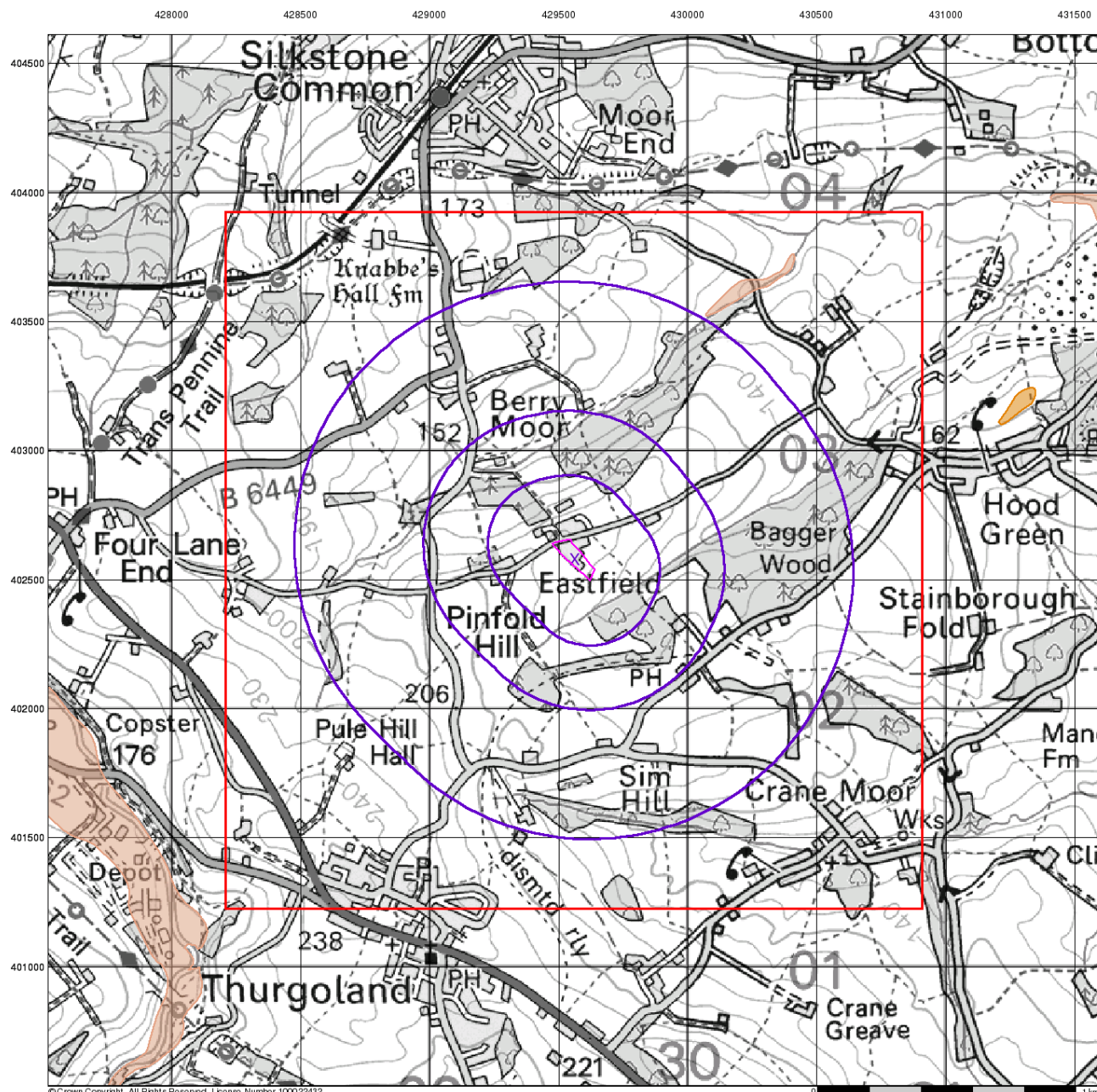
Order Number: 184083624_1_1
 Customer Ref: 43338
 National Grid Reference: 429560, 402580
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

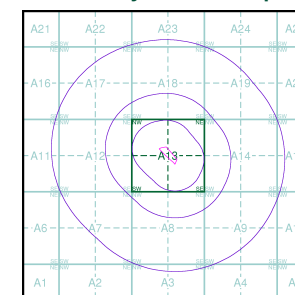
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

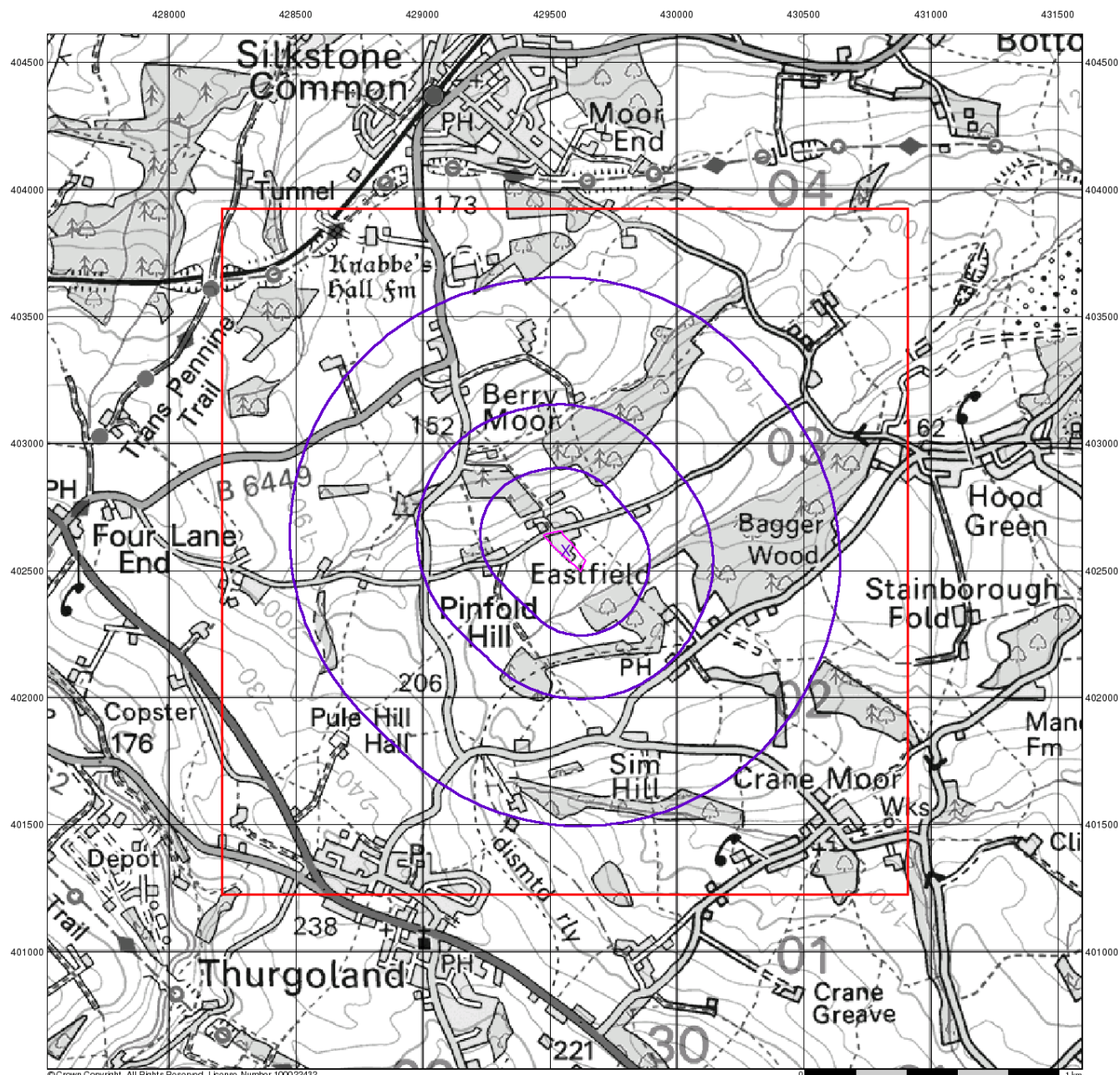
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Source Protection Zones

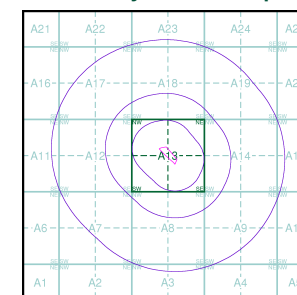
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

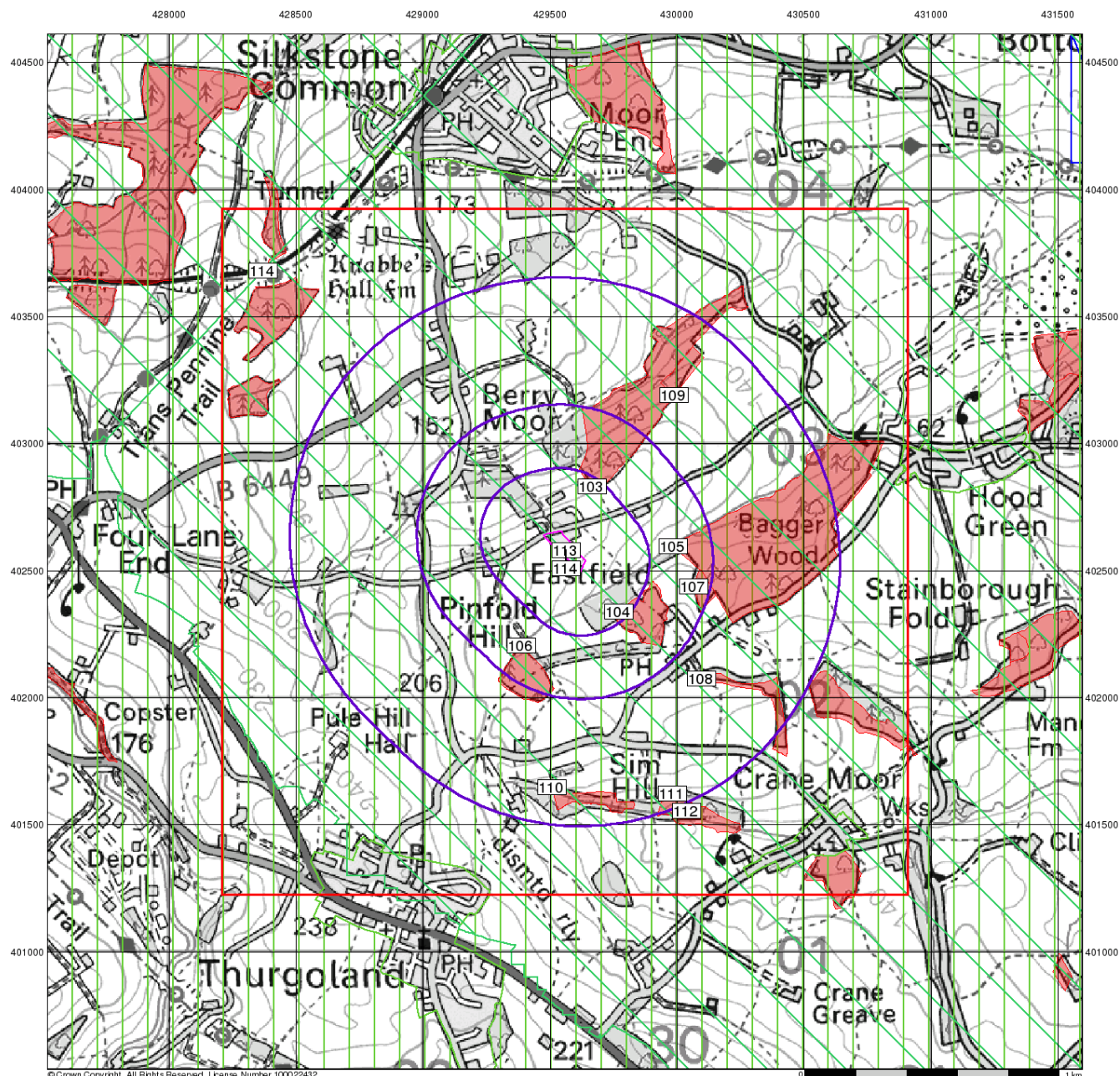
Order Number: 184083624_1_1
 Customer Ref: 43338
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 Search Buffer (m): 1000

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Sensitive Land Uses

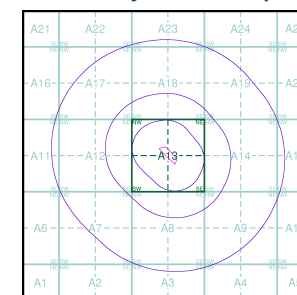
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

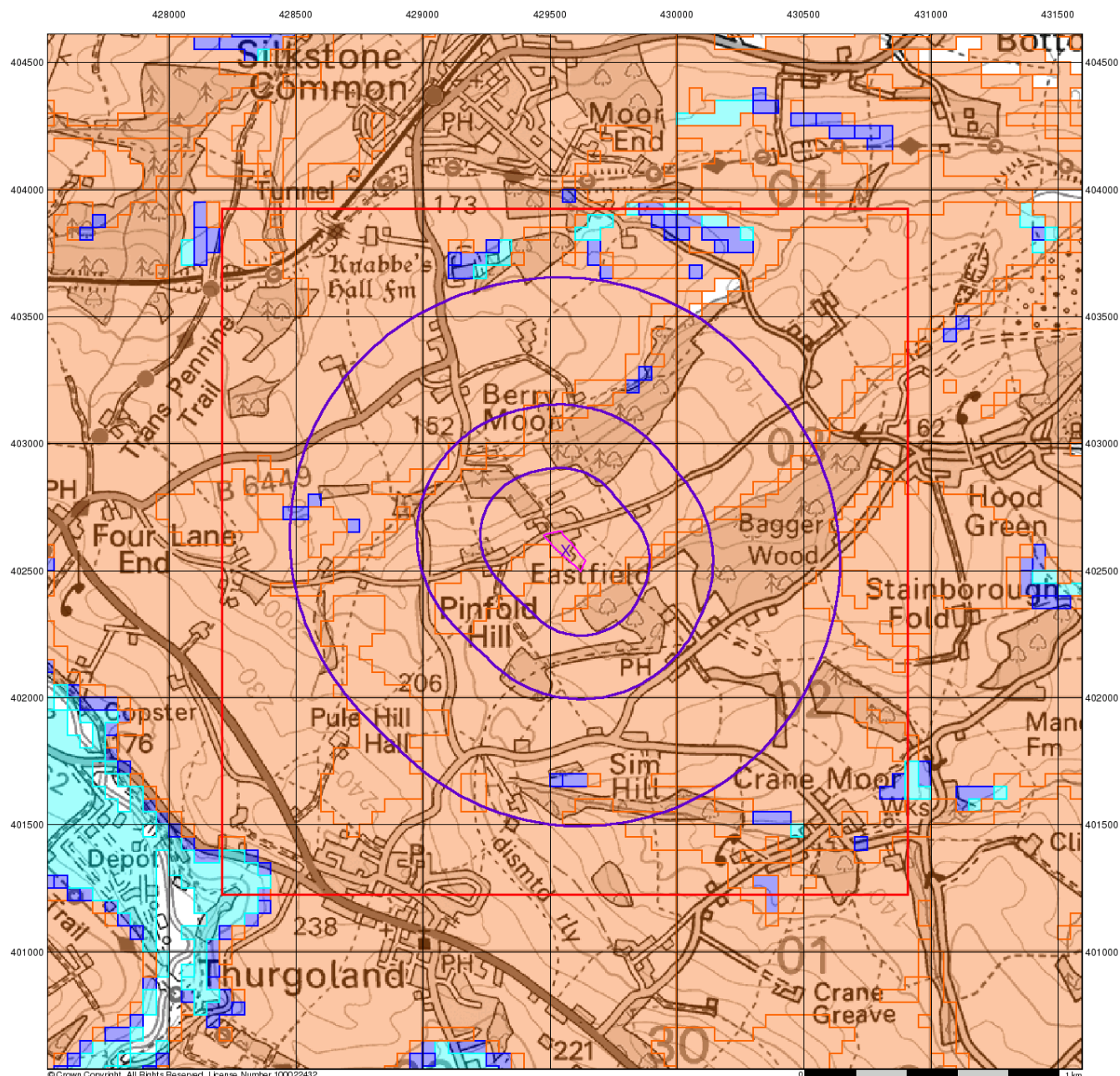
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BGS Flood GFS Data

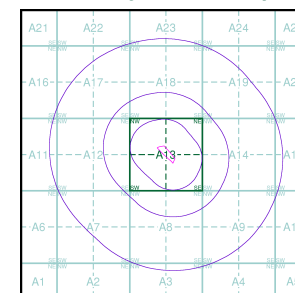
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

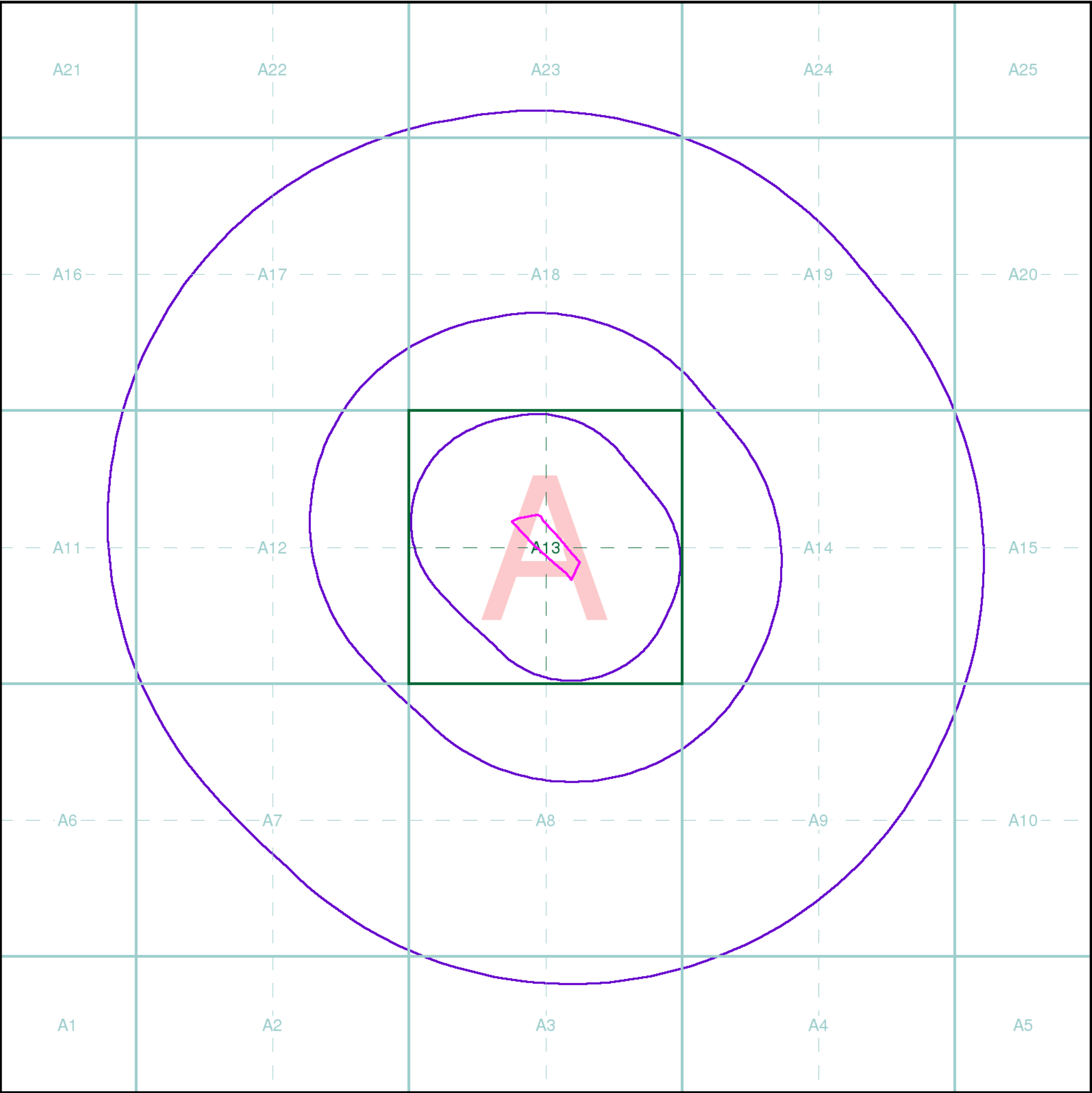
Order Number: 184083624_1_1
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Index Map

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

Miss E Turner, Eastwood & Partners Ltd, St Andrews House, 23 Kingfield Road, Sheffield, S11 9AS

Order Details

Order Number: 184083624_1_1
Customer Ref: 43338
National Grid Reference: 429560, 402590
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details

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