

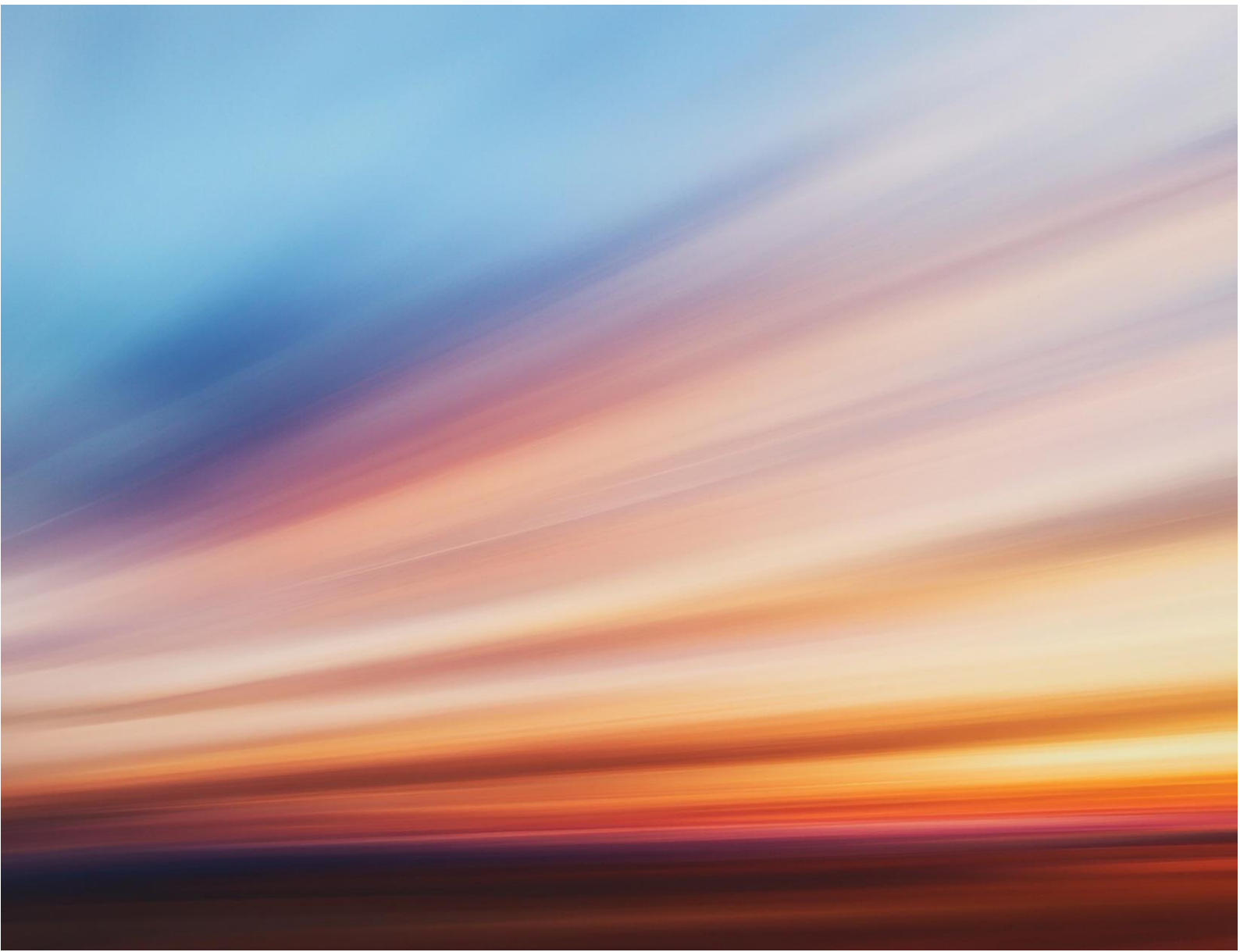
Mysten Leah Solar Farm

Preliminary Environmental Information Report (PEIR)

Volume 3

Appendix 10.1: Preliminary Risk Assessment

April 2026



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Mylen Leah Solar Farm

Figure 1 Land and Groundwater Constraints Plan

Figure 2 Initial Conceptual Site Model

Appendix A Envirocheck Report

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Appendix D Technical Background

1. Introduction

1.1 Commissioning

1.1.1 Mylen Leah Solar Limited (a company wholly owned by Statkraft UK Limited) (hereafter, 'the Applicant') has commissioned RSK Environment Limited (hereafter, 'RSK') to carry out a Phase 1 Preliminary Risk Assessment for the proposed Mylen Leah Solar Farm, located within the administrative boundary of East Riding of Yorkshire Council (ERYC).

1.2 Objectives

1.2.1 The objectives of the work presented in this report are:

- To identify any land contamination constraints to Mylen Leah Solar Farm; and,
- To identify the need for any additional investigation or remediation works to demonstrate that the Site is suitable for its proposed use.

1.3 Scope of Works

1.3.1 The scope of this assessment has been developed in accordance with relevant British Standards and authoritative technical guidance as referenced through the report. The assessment of the contamination status of the Site is in line with the technical approach presented in Land Contamination Risk Management¹ and in general accordance with BS 10175: 2011 + A2 2017.² It is also compliant with relevant planning policy and guidance.

1.3.2 The scope of works for the desk-based assessment has included the following:

- Review of the history of development on the Site and surrounding land (up to 1km from the draft Order Limits);
- Assessment of local geology, hydrogeology and hydrology;
- Review of relevant information held by appropriate statutory authorities;
- Review of any previous site investigation reports made available;
- Completion of a Site reconnaissance survey to assess the visual condition of the Site;
- Development of an initial conceptual site model;
- Preliminary consideration of geotechnical constraints and hazards; and,
- Identification of the need for further action, e.g. intrusive investigations, if any.

1.4 Existing Reports

1.4.1 There are no existing reports that have been reviewed as part of this assessment.

2. Site details

2.1 Site Location

2.1.1 Site location details are presented in **Table 1** and a Site location plan is shown on **Figure 2.1: Location Plan** in **Volume 2**. For the purposes of this report, the term Site is used to encompass the land within the draft Order Limits and the underground grid connection corridor. The interconnecting underground cables that run between the Land Parcels are within the draft Order Limits.

Table 1: Site location details

Site name	Mylen Leah Solar Farm
Site location	Located within the administrative boundary of ERYC and centred around Laytham (on land between the villages of Ellerton Common in the west, Melbourne Grange in the north, Seaton Ross in the east and Foggathorpe in the south)
National Grid reference (centre of Site)	474922, 441541

2.2 Site Description

2.2.1 The Site occupies approximately 1,398 hectares, which is primarily used for agricultural purposes. The Site is divided into five distinct Solar PV module Land Parcel areas, which are further divided into individual fields, as shown on **Figure 2.3: Land Parcel and Interconnecting Cables with Field Numbering** in **Volume 2**, with the underground grid connection corridor representing the preferred connection to National Grid Thornton Substation. The solar PV module areas and all associated infrastructure will be connected by a series of interconnecting underground cables.

2.2.2 The Land Parcels (each further divided into individual field references) are identified as follows:

- Land Parcel A: Land west of the B1228;
- Land Parcel B: Land east of Ellerton;
- Land Parcel C: Land south-west of Melbourne;
- Land Parcel D: Land west of Seaton Ross;
- Land Parcel E: Land north of Foggathorpe; and,
- Underground grid connection route: Land north of Melbourne Raceway, east of Melbourne.

2.2.3 Land Parcels A to E were visited on 9 and 10 April 2024, with the underground grid connection corridor visited on 6 February 2025 following confirmation of the route.

Land Parcel A

2.2.4 Land Parcel A comprises three roughly rectangular fields (labelled 15a-c) that can be accessed from General Lane (B1228). At the time of the walkover, the

fields appeared to be used for pasture. At the northern end of this area an animal shed was present with access from the road. A farmhouse and associated buildings were present to the immediate south of this area. To the east, several large ponds are present associated with a holiday home. The Land Parcel is within a predominantly agricultural setting. The village of Melbourne is approximately 2km to the north-east. Further holiday residences are present to the west.

Land Parcel B

- 2.2.5 Land Parcel B is situated in the west of the draft Order Limits, and comprises of a mixture of rectangular and irregular shaped fields. A number of fields within the central area are used for grazing, but the main land-use is for arable farming. Bottoms Drain runs through the approximate centre of Land Parcel B in an east-west orientation and connects with the River Derwent to the south-west. Bethell House and Springfield Farm are along the northern boundary of the Land Parcel, just outside the draft Order Limits. Blue Slates Farm and Rosewood Farm shop are present to the centre of this parcel, but are also outside the draft Order Limits. The village of Ellerton lies off the western boundary of this Land Parcel, and the village of Laytham is close to the south-eastern boundary. Overhead services are present across the area, connecting telephone lines to farm buildings.

Land Parcel C

- 2.2.6 This Land Parcel is situated to the west of the Melbourne Raceway. The fields are generally rectangular and used for arable farming. A number of commercial units are present adjacent to the draft Order Limits. Electricity pylons are present in the eastern area of this Land Parcel. Smaller pylons are present in the central area, running from Ash Lane southwards to South Acre Farm (which is not within the draft Order Limits) and also in the north-western field connecting to properties that are outside the draft Order Limits. A number of ponds are present off-site to the north-west. Acre Farm is present surrounded by this Land Parcel, but excluded from the draft Order Limits. Lord's Drain runs through the Land Parcel close to the southern boundary.

Land Parcel D

- 2.2.7 Land Parcel D includes arable farmland situated immediately adjacent to the Melbourne Raceway, which occupies the former Melbourne Airfield. Overhead power lines run across the raceway, from the north-east to the south-west, present in the centre of this Land Parcel. Breckstreet Farm, White Farm and Melrose Farm are present adjacent to but excluded from the draft Order Limits. Two commercial units are adjacent to the Land Parcel in the east. The village of Seaton Ross is close to the eastern boundary. A pond is present beyond a small earth bund at the north-west boundary.

Land Parcel E

- 2.2.8 Land Parcel E consists of rectangular fields 2.a-d and 3.e and 3.h. It lies between the villages of Laytham to the north and Foggathorpe to the south. Electricity pylons are present in the western extent of the Land Parcel, running north-south. Telephone lines are present running down the eastern side of the Land Parcel, running toward Oak Farm which is outside the draft Order Limits to the north-east of the Land Parcel.

Underground grid connection corridor

- 2.2.9 This area runs from the Melbourne Raceway in the south to the west of the National Grid Thornton Substation in the north. Electricity pylons are present running both to the west and south from the substation. Pylons cross fields in this area in the north and centre. Running through the centre of the area, the Pocklington Canal is present, flowing from east to west. A public access pathway is present running through fields in the north of the area, and another is present running through fields in the south. Commercial units are present in the centre and south of the area, but excluded from the draft Order Limits. Mill House Farm is present within the corridor, but are excluded from the draft Order Limits. A historic landfill is present towards the centre of this area, at the western boundary. A water treatment facility run by Morrisons Water Services/Yorkshire Water is present close to Melbourne village, outside the draft order limits

2.3 Surrounding Land Uses

- 2.3.1 Land use is mainly agricultural in the area surrounding the draft Order Limits and the underground grid connection corridor (with the land up to 1km from the boundary being reviewed), with some residential areas, farm buildings, recreational areas and caravan/holiday homes. York Model Boat Club lies between Land Parcels B and C, with a separate commercial unit to the immediate north.
- 2.3.2 As part of Melbourne Raceway there are two straight runways that are used primarily for motor vehicle drag racing, at approximately 1.74km and 1.17km long, with associated access/relief roads, spectator areas, fuel storage, and general storage equipment. A number of small, wooded areas are also present in the surrounding area.

2.4 Development Plans

- 2.4.1 The proposed outline of the Site, at the time of preparing this report, is shown in **Figure 2.3: Land Parcel and Interconnecting Cables with Field Numbering** in **Volume 2**. Additional details about Mylen Leah Solar Farm can be found in **Volume 1** of the PEIR.

3. Desk-based assessment

- 3.1.1 The desktop study was designed generally to meet the objectives of a preliminary (phase 1) investigation, as defined by BS 10175:2011 + A2 2017³ and this assessment relates to Land Contamination Risk Management Stage 1, Tier 1 preliminary risk assessment.⁴ The "vicinity" of the Site for the purposes of this report is defined as locations situated within an approximate 250m radius of the Site, although certain sources and/or sensitive targets up to 1km from the draft Order Limits have been considered where appropriate.
- 3.1.2 The study aims principally to identify and assess the potential risks and liabilities associated with contamination of the ground, on and in the vicinity of the Site. While this includes consideration of current operations on the Site, the report does not constitute a comprehensive environmental audit of the Site, as covered under ISO 14001⁵.

3.2 Site History

Historical Development Record

3.2.1 The development history of the Site and surrounding areas (up to 1km from the draft Order Limits), based on assessment of publicly available historical plans is detailed in this section. Due to the size of the Site, four separate environmental database reports were obtained, and these areas have been used to discuss the Site history in this section. A summary table is provided, describing changes in each of the Land Parcels as described above (A, B, C, D, E) and the underground grid connection corridor. These are summarised in **Table 2**. Map editions are only referenced where significant changes are observed. It should be noted that for all data obtained from historical mapping, historical evidence may be incomplete for the period pre-dating the first edition and the time periods between successive maps. In the following tables, map editions are only listed if notable changes were observed on that edition. Historical maps are provided within the environmental database reports provided in **Appendix A**, which includes an index plan showing all historical map sections. A land and groundwater constraints plan is provided in **Figure 1**.

Table 2: Summary of historical development

Date	Land Parcel	Historical Land Use
1890-1892	A	The earliest historical maps show the southern-most field to be occupied by Whittaker Wood, with the field to the north described as rough pasture and named “The Ling”. The field in the north to the west is occupied by Storthwaite Plantation. A small pond is present adjacent to Whittaker Wood to the west. An old clay pit is present on the eastern boundary. In the wider area, the land is predominantly agricultural with a number of wooded areas. A pond is present off-site, between Land Parcel A and C.
	B	In the west of Land Parcel B, within the draft Order Limits, the land is shown as being in agricultural use, and the road infrastructure is in its present-day layout. A footpath extends east from Long Ramp Road, across Fields 8a and 8b. Watson’s Road, a small track, is also present running across the fields. A small pond is present just to the west of Long Ramp Road, outside the draft Order Limits. Off-site, there are old clay pits at the north-west corner, next to Brickyard Cottages. Further to the north, along the road, ‘Old Sand Pits’ and ‘Sand Pit’ annotations are noted. To the south-west, off-site, Ellerton Windmill is present. A building labelled as North Grange is present off-site to the south. Many of the fields in the central and northern areas show their present-day boundaries. A number of ponds are present in the fields. “Two Spit Goit” is labelled

Date	Land Parcel	Historical Land Use
		<p>running between Fields 9c and 9d, with a pond close to the southern extent. A building labelled Ellerton Ruddings is shown at the southern boundary, next to Field 18j. South Ross Farm is present in the north. Ruddings Wood is present in the area of Field 11d. Eleven Acre drain is named, which runs east-west in the south-eastern area of this Land Parcel. Laytham Green Farm is shown between Land Parcels B and C, outside the draft Order Limits.</p>
	C	<p>Acre House is shown in the north-west of this Land Parcel, with Main Road and Ash Lane indicated in their present-day layout. Great West Wood is shown between Fields 13a and 13f. The road between Field 13a and Great West Wood is shown in its present day layout. Lord’s Drain is present between Fields 15d and 15e. Fields 13e and 13f are shown in their present-day layout but labelled as “The Intakes” with woodland indicated around the boundaries. Whin Covert Wood is shown within the boundary of Field 13f, with Intakes Lane on the north-west boundary. A public footpath is shown running north-south in Field 5c. Owlethall Lane is shown running east-west between Fields 5a, 5b and 5c. A woodland area is shown between Fields 5a and 5b. Spennel Nook is shown to the east of Field 5b. A footpath is present at the eastern boundary of Field 13h, running north-south. Throughleys Lane is shown in its present-day position. Newdrive Plantation (woodland) is present to the north of Field 12k. Park Farm is present on maps, outside the draft Order Limits.</p>
	D	<p>The area now occupied by Melbourne Raceway is shown as farmland and annotated “Bibbills” with numerous footpaths running across. Bibbill Lane is shown running north-south through the approximate centre of the Land Parcel. Bibbill Farm is present to the east of Field 13p, with old clay pits present further to the north and outside of the draft Order Limits. Woodland is present to the west of Bibbill Farm. Breckstreet Lane is shown in its present-day layout. Breckstreet Farm is shown as present in the south-east, with associated woodland in the north-east of the Land Parcel. There are marl pits shown to the west of Field 13q and on the northern boundary, adjacent to Ash Lane. Woodland (Belt Plantation) runs in a north-east to south-west orientation from off-site into present-day Field 13s.</p>

Date	Land Parcel	Historical Land Use
		<p>“Old Mill” (corn) is shown to the east of Field 13z, outside the draft Order Limits. A brickworks is shown to the east of Field 13u, outside the draft Order Limits. Eastwood House is shown within Field 13v. Laytham Grange is shown to the south-west of Field 13zj outside the draft Order Limits, north of Breckstreet Lane which connects Seaton Ross in the east to Laytham in the west.</p>
	E	<p>Foggathorpe Village and North Grange, with Grange Farm, are shown present to the south, outside the draft Order Limits. Roads in the west are shown in their present-day layout. Foggathorpe Manor House is shown to the south of Field 3h, with a moat at the southern end of the manor. A moat is also present within Field 3e. Multiple footpaths run across the south-central area. Oak Farm is shown, with Oaktree cottages to the west connected by a footpath. A railway is shown beyond the south-east boundary.</p>
	Underground grid connection corridor	<p>Adjacent to the two fields in the south of the underground grid connection corridor is Dial Hall, off-site. East Farm lies off-site to the west. At the southern end of the underground grid connection corridor (close to Ash Lane), a sand pit is shown. An old sand pit is shown in the south-west of the Land Parcel, close to Ivy Cottage, within the draft Order Limits. The area to the west of Ivy Cottage is named “Angram Field”, with other fields present to the south. A second old sand pit is shown in the central part of the Land Parcel south of Pocklington Canal. Scamland Bridge is marked within the draft Order Limits in a field in the central part of the Land Parcel south of Pocklington Canal, with Hoppelcarr Drain running south from the bridge. Glebe Farm is shown approximately 1km east of Scamland Bridge. Mill House is shown to the north of the canal and Oak Farm and Townend Cottage are shown in the northern part of the underground grid connection corridor. A public footpath is shown across fields in the north of the Land Parcel.</p>
1909-1910	A	<p>Storthwaite Plantation is now named Storwood. No other significant changes noted.</p>
	B	<p>All sand pits in the north-west are now labelled as “old sand pits”. The footpath across Fields 8a and 8b is no longer present. Bottoms Drain now named on maps showing the area around Field 10e.</p>
	C	<p>South Acre Farm is now present, south of Field 13b. The forest between Field 15d and Field 12e is now</p>

Date	Land Parcel	Historical Land Use
		present and named as “Jack Plantation”. White Farm is now shown on maps between Fields 13h and 13i, but outside the draft Order Limits.
	D	Many of the footpaths in the central area of the Land Parcel are now no longer shown. The marl pits west of Field 13q are now labelled as “old”. Adjacent to the Belt Plantation, off-site to the south-west, allotments are present.
	E	Many of the footpaths in the south-central area are no longer present, with only one between Fields 2d and 3e remaining. A well is labelled on Laytham Grange
	Underground grid connection corridor	Sand pit in the south of the area is now noted as “old sand pit”. The sand pit in the south west is no longer marked on maps. Pocklington Canal is labelled on maps. Oak Farm is now named Byhome Fields. A building in the west of the area is named “Prospect Row”, west of Ivy Cottage.
1971-1974	A	Whittaker Wood is no longer present in the southern field, with this now used for agriculture. The old clay pits to the east are now labelled as a pond, with a track labelled to the north of this pond. Rossmoor Lodge, which was present beyond the north-eastern boundary has expanded westwards with a building now close to the boundary. Storwood Plantation is no longer present. In the wider area outside the draft Order Limits, a lot of the woodland has been replaced by agricultural fields.
	B	On-site, the field boundaries of Fields 8 and 10 have changed to the present-day layout. Off-site, the sand and clay pits are now ponds. The windmill is now a house. A building is now present off the north-east corner of Field 10b. Some of the ponds are no longer present on maps. A number of ponds are now present in Field 15e.
	C	Whin Wood House has been constructed to the west, off-site. The road between Field 13x and the Great West Wood is now named as Kidd Lane. Fields 15d, 15e, 13g and 5a have their present-day boundaries. Whin Covert is no longer present within Field 13f. Owlethall Lane is now labelled as a track. Lord’s Drain is now named on maps.
	D	The runway (Melbourne Raceway) is now shown, labelled as “Airfield (disused)”. Power lines are shown within the draft Order Limits running north to south running from the top of Field 13o, through Field 13k into Field 13m, Field 13n then into Field 13ze and to the south. Fields in this area are now

Date	Land Parcel	Historical Land Use
		<p>shown with their present-day boundaries. Bibbills is labelled over the runway running north to south. Old clay pits are now shown as a number of ponds. Woodland to the west of Bibbill Farm has been reduced in the area, with ponds now present at the east of the wood. Bibbill Lane now only runs to the farm buildings. A farm/commercial unit to the north of Field 13q is now shown on maps. Woodland in Field 13zh is now shown on maps. Breckstreet Farm shows development, with further woodland to the west. The marl pits by Field 13q are now labelled as a pond. Belt Plantation and the allotments are no longer present, replaced by farm buildings, including two sheep dips. Ryedale Farm is now on maps, north of Field 13q. Four Oaks Farm, off-site by the south-east corner, is now shown on maps. The mill is no longer shown but there has been residential and commercial development, as part of Seaton Ross village. A seed depot is shown to the east of Field 13w. Seaton Common is now labelled adjacent to the south-east corner of the Land Parcel. The brickworks are no longer shown, with a woodland in its place and farm infrastructure to the south. Eastwood House is no longer shown.</p>
	E	<p>Residential development has occurred in Foggathorpe. Overhead pylons running across Field 2a towards the south outside the draft Order Limits into Field 3a. Foggathorpe Manor is now labelled as Manor Farm, with the moat replaced by marshland. The A163 road is now labelled.. Grange Garth developed immediately north of Field 16f, associated with Laytham Grange. The railway off-site to the south-east is now marked as dismantled. Residential development has occurred to the west of the Site, in Melbourne. Townend Cottage is no longer shown</p>
	Underground grid connection corridor	<p>In the area of the old sand pit now lies a disused camp site. East Farm has continued to develop, with South Farm now marked on maps. Sewage works are now shown on maps outside the draft order limits in the south west. Overhead pylons now run roughly north-east to south-west from across the south-western area of the parcel. A vegetable packing station is shown outside the boundary between fields that are all part of the underground grid connection corridor. The old sand pit in the southern central area is now shown to be woodland.</p>

Date	Land Parcel	Historical Land Use
		<p>A building labelled “Piggery” is shown off-site to the east of the Land Parcel south of Pocklington Canal. “The Beck”, off-site, is labelled to the north of the Pocklington Canal, also off-site, and continues to the north-west. Overhead pylons now present in the east, adjacent to the canal, and in the north running east to west into. Pylons are also shown in the northern-most fields running west. Pylons that are off-site in the north-east are shown running north to south. Development has occurred along the road west of Ivy Cottage, with a number of houses and a playing field now shown off-site. A series of units are also shown in the south-west of the area, to the north-west of Melbourne Raceway.</p>
1991	A	Oakland Farm is now shown on maps to the north. No other significant changes noted.
	B	No significant changes noted.
	C	No significant changes noted.
	D	Breckstreet Court has been developed to the south of Field 13z, south of Breckstreet Lane.
	E	No significant changes noted.
	Underground grid connection corridor	No significant changes noted.
1995/1996	A	<p>A structure is now present between Fields 15c and 15b. Further development to the west and east of Rossmoor Lodge has occurred. A small structure is now present in the north-east corner of Field 10b. No other significant changes noted.</p>
	B	Belt Lane to the south is no longer present and the ponds are now filled in.
	C	Intakes Lane is now labelled as a track. The woodland west of Bibbill Farm is now further reduced in area, with buildings occupying some of the land. Ponds are now present to the east of Field 13p outside the draft Order Limits.
	D	Development has occurred in the woodland to the west of Breckstreet Farm. The farm in the north-east has been further developed but the sheep dips are no longer present. A weighbridge is shown. Seaton Common is labelled, adjacent to the farm by the airfield (Melbourne Raceway). Ryedale Farm has been developed. Ponds are now present alongside further development to the farm by Field 13u.
	E	Field 3h is no longer shown as a forest.
	Underground grid connection corridor	The camp site is no longer labelled. Ponds are now shown in the field to the east of the water treatment works, along with a circular track, tanks and a

Date	Land Parcel	Historical Land Use
		number of paths. Overhead pylons within fields south of the canal change direction, now running north to south, with a separate line of pylons off-site further to the east. An electricity substation is now shown on maps, outside the underground grid connection corridor to the east, with associated pylons running to the west, north and south. Four tanks are now shown as part of the infrastructure within the south-west of this area, along with electricity pylons running through the area.
1999	A	The structure to the north-east corner of Field 10b has been developed further into a large farm.
	B	Two shed buildings have been constructed, associated with Laytham Green Farm, close to the border with Field 4h. Pond to the south of here has now been filled in.
	C	Great West Wood is now a commercial yard. Ponds in Field 15e have been filled in. Woodland to the east of Field 13f is much reduced, with fields in its place.
	D	Vehicles/containers present within the Land Parcel at the southern end of the runways.
	E	Field 2a now has present-day boundaries. The moat in Field 3e now has a small wooded area in its place. The dismantled railway no longer shown.
	Underground grid connection corridor	East and South Farms now form a larger commercial unit. Large sheds have been built as part of the unit in the south west of this area.

3.2.2 In terms of historical Site usage, all sections of the Site have been in use for agricultural purposes since the earliest historical mapping from 1884, including the land around the former airfield (Melbourne Raceway). Contamination associated with agricultural land use could include pesticides, herbicides, areas of made ground or infill around farm buildings or along tracks, possible infilled ponds, and possible areas of waste materials. There is also occasional evidence of extraction pits, which have been infilled over time. However, the extent of these is not significant compared to the overall land area. There are surface water drainage networks that have been in place since the earliest map editions.

3.2.3 Potentially significant sources of contamination outside the draft order limits include the active water treatment works, the former airfield (Melbourne Raceway) and its current use as a raceway, the seed depot, the former brickworks and the electricity substation.

Animal Burial Sites

3.2.4 There is no official register of recorded animal burial sites, and therefore it is not possible to assess whether there are any of these sites within the Land Parcels. Due to the long-term agricultural site usage, it is a possibility that

unrecorded animal burial pits could be present. Discussions regarding this with the land owners or tenant farmers could provide additional information on this issue. Given the generally low lying nature of the land and the fact that the land is liable to flooding, burial pits might be less likely to have been excavated in this part of the country.

- 3.2.5 The Animal Health Protection Agency were contacted on 22 May 2025 and confirmed that there is no public record of animal burial sites.

Unexploded Ordnance

- 3.2.6 A detailed unexploded ordnance risk assessment has been procured for the majority of the site, covering all of the PV Areas and providing partial coverage of the area of search for underground grid connection cable. This assessment concluded that there is an overall medium-high risk associated with Allied Forces unexploded ordnance in areas of former RAF Melbourne that were used for bomb storage and the whole of the former RAF site is deemed as having a medium risk from Allied Forces unexploded ordnance. The remainder of the Site (i.e. excluding former RAF Melbourne) has been assessed as having a low risk from both Allied Forces and German unexploded ordnance. Construction activity involving ground excavation in areas of medium and medium-high risk from unexploded ordnance will require specialist on-site support and work in all areas of the Site will require a dedicated unexploded ordnance risk management plan. Copies of the risk maps and the detailed unexploded ordnance risk assessment are provided in **Appendix B**.

Hydrocarbon Licence Areas

- 3.2.7 The British Geological Survey (BGS) GeoIndex was consulted to assess the presence of hydrocarbon wells or hydrocarbon licence areas within 1km of the Site. The Site falls into two hydrocarbon licence areas, PEDL114 and PEDL092. Two hydrocarbon wells are indicated to be present either on-site or within 500m of the draft Order Limits. Hydrocarbon well reference L46/01-3 (BGS borehole reference SE73SE23) is present in the north-east corner of Field 23a, within the underground grid connection corridor. Hydrocarbon well reference L46/01-1 (BGS borehole reference SE73NE4) was drilled approximately 500m to the east of Field 17h (Land Parcel E). It was drilled in April 1973 and was found to be dry and therefore was abandoned (as reported in records available via the BGS GeoIndex). Both of these borehole logs can be found within **Appendix B**.

3.3 Information from Environmental Database Report

Relevant information from the results of the environmental database search is summarised in **Table 3**. Information presented generally relates to features within 250m of the draft Order Limits. However, if there is relevant information within 1km of the draft Order Limits, this will have been reviewed during the assessment of data, and included where appropriate.

Table 3: Summary of environmental database search results

Data type	Entries on-Site	Entries <250m from Site	Details
Agency and hydrological			
Integrated Pollution Prevention and Control permits	14	6	<p>On-site: South west in the underground grid connection corridor, 13 associated with Ryedale Farm; six for intensive farming (greater than 40,000 poultry); two for waste incineration of non-hazardous waste; and five for recovery or a mix of recovery and disposal of non-hazardous waste.</p> <p>One permit in field 19m for intensive farming, south-west area of the underground grid connection corridor, north of Melbourne Raceway, M&D I Kemp and Sons, permit ref: YP3233UN, (Intensive Farming- greater than 40,000 poultry)</p> <p>Off-site: 75m north-west of the draft Order Limits, by Land Parcel B, permit ref: WP3729SG, July 2023, Intensive Farming (greater than 40,000 poultry)</p> <p>60m/83m south/north centre of the underground grid connection corridor outside the Draft Order Limits, Melrose Pigs Limited, five permits; three dated Dec 2009, for Intensive farming (greater than 2000 pigs); two dated Sept 2018 for Intensive Farming (greater than 750 sows).</p>
Enforcement and prohibition notices	0	0	There are no enforcement and prohibition notices recorded within the draft Order Limits, or within 250m.

Data type	Entries on-Site	Entries <250m from Site	Details
Pollution incidents to controlled waters	7	7	<p>On-site:</p> <p>Within Field 13h, Jan 1989, minor incident, oils, receiving water - reservoir;</p> <p>Within Field 13zf, Feb 1991, organic wastes, significant incident, receiving water – freshwater stream/river;</p> <p>Within Field 13ze, April 1990, Oils, significant incident, receiving water – freshwater stream/river;</p> <p>Within a field in the centre of the underground grid connection corridor south of Melbourne Road, March 1998, sewage, minor incident, receiving water – freshwater stream/river;</p> <p>Two incidents within a field south of Pocklington Canal in the far east of the underground Grid Connection Corridor, October/November 1993, unknown pollutant/oils-diesel, both minor incidents, receiving water for both – freshwater stream/river.</p> <p>Within field 7j, Nov 1989, significant incident, organic wastes (pig slurry), receiving water – freshwater stream/river.</p> <p>Off-site:</p> <p>67m west of the centre of the underground grid connection corridor, Nov 1991, unknown pollutant, minor incident, receiving water – freshwater stream/river;</p> <p>84m north of Land Parcel B near Field 10b, March 1994, unknown pollutant, minor incident, receiving water – freshwater stream/river;</p>

Data type	Entries on-Site	Entries <250m from Site	Details
			<p>91m north of Land Parcel B near Field 10b, Dec 1989, agricultural: yard run off, minor incident, receiving water - freshwater stream/river;</p> <p>159m west of the centre of the underground grid connection corridor (north of Pocklington Canal), Feb 1992, miscellaneous (natural), significant incident, receiving water – freshwater stream/river;</p> <p>167m north of Land Parcel A, Sept 1992, minor incident, animal waste/slurry, receiving water – freshwater stream/river;</p> <p>182m west of , the centre of the underground grid connection corridor, June 1997, crude Sewage, minor incident, receiving water - Canal;</p> <p>247m north west of the centre of the underground grid connection corridor, Sept 1993, oils, minor incident, receiving water – freshwater stream/river.</p>
Prosecutions relating to controlled waters	0	1	<p>Off-Site: Within underground grid connection corridor but outside draft Order Limits, Water Resources Act 1991, Pocklington Canal, Feb 2000, Guilty</p>
Substantiated pollution incident register	3	1	<p>On-site: August 2002, significant incident to water, general biodegradable material (blood and offal) (Field 9d); May 2018, significant incident to water, sewage materials (sludge) (southwest area of the underground grid connection corridor);</p>

Data type	Entries on-Site	Entries <250m from Site	Details
			<p>March 2004, significant incident to water, other pollutant (southwest area of the underground grid connection corridor).</p> <p>Off-site: 3m east, Nov 2013, significant incident to water, agricultural (silage liquor) (east of Field 13s)</p>
Water Industry Act referrals	0	0	There are no water industry act referrals recorded within the draft Order Limits, or within 250m.
Discharge consents	17	38	There are 17 active consents within the draft Order Limits and 38 off-site, within 1km (see Appendix A for details). Most relate to discharge of sewage to groundwater or surface groundwaters.
Registered radioactive substances	0	0	There are no registered radioactive substances recorded within the draft Order Limits, or within 250m.
Landfill and waste			
Active landfills	0	0	There are no active landfills recorded within the draft Order Limits, or within 250m.
Historical / closed landfills	1	1	Off-site: west of the underground grid connection corridor south of the Pocklington Canal, Scamland Bridge, ref EAHLD04989, dated Dec 1948 to Dec 1979, inert, industrial, commercial and household waste (including soil, sub-soil, demolition, construction, highway construction and repair waste, glass cullet, drums of waste oil, packaging materials, fluorescent tubes),

Data type	Entries on-Site	Entries <250m from Site	Details
			<p>licence lapsed/cancelled. Information from the Environment Agency Planning Inspectorate (ref: XA/2025/100243/01-L01, dated Feb 2025) indicates soil, sub-soil, demolition, construction, highway construction and repair waste, glass cullet, drums of waste oil, packaging materials and fluorescent tubes were also accepted.</p> <p>Off-site: 10m north of Field 10b, Ellerton Site A and B, ref EAHLD04985, dated Aug 1976-Dec 1985, inert, industrial, commercial and household (including construction industry waste, old vehicles and trailers, and excavation soil and subsoil from road improvements in the Holme and Spalding Moor area).</p>
Other waste management licences	2	3	<p>On-site: South west area of underground grid connection corridor, Ryedale Organics Limited, licence number 66059, issued Nov 2021, composting. South west of underground grid connection corridor, Jeremy Kemp, licence number 105120, issued Oct 2010, mobile plant for land spreading.</p> <p>Off-site: 84m north-west of Field 10b, lapsed/cancelled licence for landfill, ref 55/17/38, dated</p>

Data type	Entries on-Site	Entries <250m from Site	Details
			<p>Sept 1980, household and industrial waste; 99m east of Field 3d, Mallard Grange Environmental Services Ltd, ref 120293, issued Feb 2021, household, commercial and industrial waste transfer station and treatment; 147m west of underground grid connection corridor south of Pocklington Canal, Melrose Pigs Limited, issued Feb 2012, on-farm anaerobic digestion, less than 750,000 tonnes per year.</p>
Potentially in-filled land (pit, quarry, pond, marsh, river, stream, dock etc)	Yes	Yes	There are areas of potentially in-filled land on-site and within 250m, associated with historical mineral extraction pits and former ponds.
Mineral Sites			
BGS recorded mineral Sites	4	18	<p>There are four recorded within the Land Parcel boundaries: Within Field 13q, Melbourne Lodges Marl Pit, GR 476604 442799; Underground grid connection corridor, north of Melbourne Road Mill Hill Sand pits, grid reference 476151 443930; Mill Hill sand pits, two records, one in the south west of the underground grid connection corridor, grid reference 476007 443875, and the second within the historical landfill in Feld 23j, grid reference 476151 443930.</p> <p>There are 18 entries recorded within 250m of the Land Parcel boundaries: Ellerton Sand Pits has four recorded entries, at 29m, 42m, 56m and 146m north-west of Field 10b, grid reference</p>

Data type	Entries on-Site	Entries <250m from Site	Details
			<p>471303 440942 marks the furthest;</p> <p>Rossmoor Lodge Clay Pit, grid reference 472893 444015, approximately 36m from the draft Order Limits; a second location named Rossmoor Lodge clay pit, grid reference 472897 444108, approximately 47m from the draft Order Limits;</p> <p>Dial Hall Sand Pit, 41m north of Field 13v and 130m south-east of Field 13v, grid reference 477284 442574 and 477160 442349;</p> <p>Dail Hall Brick Yard, approx. 41m south of Field 13v, grid reference 477250 442422;</p> <p>Melbourne Lodges marl pit, two entries, 47m and 57m west of Field 13q, grid reference 476296 442698 and 476262 442671;</p> <p>East Farm sand pit, approx. 60m east south western underground grid connection corridor, north of Melbourne Road, grid reference 476631 443310;</p> <p>Laytham sand pit, approx. 64m south of Field 11i, grid reference 474779 439957;</p> <p>Ellerton Brick and Tile Yard, approx. 73m west of Field 10a, grid reference 471186 440666;</p> <p>Melbourne Brick and Tile Works, two entries 92m and 227m north-west of Field 13p, grid reference 475768 442633 and 475602 442725;</p> <p>Melbourne Brick and Tile Works, approx. 164m from the draft Order Limits, grid reference 475539 442599.</p>
Hazardous Substances and Industrial Land uses			

Data type	Entries on-Site	Entries <250m from Site	Details
Control of Major Accident Hazards (COMAH) Sites	0	0	None within 250m.
Explosives Sites	0	0	None within 250m.
Notification of Installations Handling Hazardous Substances (NIHHS)	0	0	None within 250m.
Planning hazardous substance consents/ enforcements	0	0	None within 250m.
Contaminated land Part 2A register entries and notices	0	0	None within 250m.
Contemporary trade directory entries	1	17 (includes active and inactive entries)	<p>On-site (active entries only): Within underground grid connection corridor in the south, Johnson’s Haulage;</p> <p>Off-site (active entries only): 5m outside draft Order Limits within underground grid connection corridor, along Melbourne Road, Sumo; 6m east of Field 13q, Northern Crop Driers; 70m east of Field 13a, Land Parcel C, Scott Pallets; Approx 74m south of Field 17h, G Benson & Sons; Approx 80m north-east of draft Order Limits in the underground grid connection corridor on Melbourne Road, Norman Steels & Son; Approx 80m south of the southern-most area of the underground grid connection corridor. The Little Big Food company; Approx 149m north-east of Field 13u, Withernay Ltd; Approx 158m north-east of Field 13u, N R H Engineering UK;</p>

Data type	Entries on-Site	Entries <250m from Site	Details
			243m south of Land Parcel B, Southview Smallholder & Pet Supplies.
Fuel station entries	0	0	None within 250m.

It is noted that the information provided in **Table 3** includes categories taken from the Envirocheck Report (**Appendix A**), which includes records of pollution incidents to controlled waters (i.e. only covers incidents relating to surface water or groundwater), and entries from the substantiated pollution incident register (which covers recorded incidents affecting land, air or water).

Table 4: Summary of geological hazards information from environmental database search results

Geological hazard	Details
BGS Collapsible Ground Hazards	Across the entire Site area (all Land Parcels and the underground grid connection corridor), and up to 1km from the boundary, the hazard risk ranges from no hazard to very low hazard.
BGS Compressible Ground Hazards	Areas of very low, moderate and high hazard are present across some parts of the Site (and up to 1km from the boundary), with other areas of no hazard.
Running sand hazard	The Site (and the area up to 1km from the boundary) is underlain by deposits with no hazard, or a low to very low risk from running sand hazards.
Shrink/swell hazard	Most of the Site area (and up to 1km from the boundary) is underlain by deposits that pose no hazard or a low hazard.
Ground dissolution hazards	The Site area (and up to 1km from the boundary) is not affected by hazards due to ground dissolution.
Landslide hazards	The hazard due to landslides across the Site (and up to 1km from the boundary) is either low risk or very low risk.

3.4 Site Services

Buried utility services and their backfill can provide preferential pathways for gas, vapour or groundwater to migrate along to another part of the Site or to a receptor. They can also represent significant constraints to development.

Obtaining a full set of service plans was outside the scope of this report. Services identified on-site during the walkover are detailed in **Section 4**.

3.5 Site Geology

Anticipated geological sequence

- 3.5.1 Published records for the area and available historical borehole logs indicate the geology of the Site and surrounding area to be characterised by the succession recorded in **Table 5**.⁶
- 3.5.2 The bedrock geology is composed of the Mercia Mudstone Group in the east and north, which includes Land Parcels C, D, E and the underground grid connection corridor. The south-eastern fields of Land Parcel B are also underlain by the Mercia Mudstone Group. This unit consists of red mudstones, with some siltstone, halite-bearing and sandstone layers. Beneath Land Parcel A and the western area of Land Parcel B, the bedrock geology consists of the Sherwood Sandstone Group which includes red, yellow and brown sandstone, and conglomerate, red mudstone and siltstone layers.
- 3.5.3 The superficial geological units are primarily the Thorganby Clay Member (soft laminated silts and clays) in the west and central areas (Land Parcels A, B, C and E), with the Bielby Sand Member (slightly clayey to slightly silty sands) underlying the eastern fields of Land Parcel D and beneath the underground grid connection corridor. Peat and Alluvium are also present beneath the underground grid connection corridor area, following the route of Pocklington Canal.
- 3.5.4 Made ground is potentially present in localised areas associated with the backfilled mineral extraction sites, former brickyard, former airfield (Melbourne Raceway) and subsequent use as a raceway, farm buildings or tracks and commercial units. However, there is no indication on geological mapping that extensive areas of artificial ground would be present.
- 3.5.5 There are numerous publicly available BGS historical boreholes located within or close to the draft Order Limits and underground grid connection corridor, as detailed in **Appendix C**. The records support the reported geological sequence indicated by the mapping, and provide some additional details, as discussed below.

Table 5: Site Geology

Strata	Description	Location	Estimated thickness	Permeability
Made ground	Artificial material present as a result of human development	Not shown on geological mapping, but may be present in discrete areas (mineral extraction sites, former brickyard, former airfield (Melbourne Raceway) and subsequent use as a raceway, farm buildings or	Unknown, but likely to be variable if present	Unknown, but likely to be variable

Strata	Description	Location	Estimated thickness	Permeability
		tracks and commercial units)		
Thorganby Clay Member (parent unit is Hemingbrough Glaciolacustrine Formation)	Yellow and brown mottled clays interbedded with brown and grey sand.	Present running from Ellerton Common in the west, up to Melbourne in the north, and runs south-east covering Land Parcels B, C and E in their entirety, covering Land Parcel D as far as the eastern edge of Fields 13s and 13t. It extends south beyond Foggathorpe.	Generally up to 15m	Permeable (unproductive aquifer)
Alluvium	Clay, silt, sand and gravel (with some peat layers)	Found along the course of Pocklington Canal, running as far east as Walbut Mill Farm, which is east of the draft Order Limits.	Thicker closest to water-courses, thinning at greater distance	Alluvial deposits are typically fairly permeable (unproductive aquifer)
Peat	Organic material consisting of partially decomposed vegetation	Found running west along Pocklington canal, starting within the draft Order Limits at the western boundary of the underground grid connection corridor.	Unknown	Variable
Bielby Sand Member	Sands and silty sand with dense sands and gravels underlain by green marly clays and red and green sandy clays	Present to the east and north-east of Melbourne (to the north of the Site) and Bibbill Farm, covering the north-eastern part of Land Parcel D and the underground grid	Generally up to 10m	Permeable (secondary undifferentiated aquifer)

Strata	Description	Location	Estimated thickness	Permeability
		connection corridor.		
Mercia Mudstone Group	Red mudstone with some layers of siltstones or halite-bearing units (formerly Keuper Marl, due to the abundance of fine grained often calcareous clay rich layers) Thin sandstone beds may be present	The Site is predominantly underlain by rocks from the Mercia Mudstone Group, with only a small area at the western end of the Site comprising other units	Highly variable, up to a maximum of 1350m	Mainly mudstone, so generally low permeability (secondary B aquifer)
Sherwood Sandstone Group	Grey sandstone	Present to the west of the Mercia Mudstone Group deposits, present from approximately South Acre Farm and to the south-west, including Bethell House and Ellerton. Also found to be present beneath the Mercia Mudstone Group.	Variable, up to a maximum of 1500m.	Sandstone, typically highly permeable (principal aquifer).
Relevant information sources: BGS GeoIndex, BGS borehole logs				

3.5.6 Borehole records accessed via the BGS GeoIndex indicated a general geological sequence of topsoil over superficial units of clay, sand, silt or gravel, with bedrock from the Mercia Mudstone Group and below that the Sherwood Sandstone Group.

3.5.7 Specific peat deposits have been identified on geological mapping, associated with the Alluvium present along the canal. Soil survey work has not identified any peat within soils that have so far been surveyed (see **Section 3.5**).

3.5.8 Based on available BGS logs for the site, the base of superficial deposits varies across site and is recorded at depths between 9.0m below ground

level and as deep as 18.0m below ground level. However, a discrete location within the underground grid connection corridor (borehole reference SE74NE23) records “Brown and Grey Marl” from ground level to a depth of 3.50m below ground level.

- 3.5.9 Depths to the Mercia Mudstone Group bedrock were variable, ranging between 9m and 16m below ground level, but typically around 11m below ground level. Depths to the Sherwood Sandstone Group bedrock were typically deeper, with borehole records indicating superficial deposits to between 14m and 18m below ground level. Where the sandstone is recorded beneath the Mercia Mudstone, this is from depths of 33m below ground level.

Radon

- 3.5.10 The environmental database report (**Appendix A**) indicates that the Site (and the area up to 1km from the draft Order Limits) is not located within an ‘Affected Area’. An ‘Affected Area’ is one with 1% or more homes above the radon Action Level of 200 Bq m⁻³, and therefore the risk of significant ingress of radon into structures on-Site is considered low and protection measures are not necessary in the construction of non-domestic buildings.
- 3.5.11 Although the radon data used in production of the UK Health Security Agency indicative atlas⁷ comes from measurements in residential buildings, the maps indicate the likely extent of the local radon hazard in all buildings, so still provide a relevant indication of radon risk.

3.6 Mining and Quarrying

- 3.6.1 Evidence has been sought to identify any mining, quarrying, landfilling and land reclamation operations, past and present, which have taken place within 250m of the Site. An initial Site appraisal has been carried out based on the information provided in the environmental database search results (**Appendix B**). The entire area of Mylen Leah Solar Farm is outside the Mining Remediation Authority Development High Risk Area and is not affected by below ground or opencast coal mining.

Areas of Rock or Mineral Mining

- 3.6.2 A number of small scale historical mineral extraction sites are present across the Site, including extraction pits for sand and gravel deposits.
- 3.6.3 The following ponds are shown on-site on historical mapping, which may have originally been mineral extraction sites:
- Pond south of Melrose Farm (grid reference 476923, 442405); and,
 - Pond near Laytham Green Farm (grid reference 474279, 440820).
- 3.6.4 Three historical mineral extraction pits are indicated close to the former Melbourne Airfield (Melbourne Raceway) in Land Parcel D:
- Dial Hall sand pit (grid reference 477284, 442574);
 - Melbourne Lodges marl pit (grid reference 476296, 442698); and,
 - Melbourne Brick and Tile Works (grid reference 475602, 442725).
- 3.6.5 Two historical mineral extraction pits are indicated close to Pond Farm in the west of the Site within Land Parcel B:

- Ellerton sand pits (grid reference 471326, 440843); and,
- Ellerton Brick and Tile Yard (grid reference 471186, 440666).

3.6.6 Due to the long agricultural history of the Site, it is possible that other, unrecorded, mineral extraction has occurred and pits may have been infilled but, given the absence of any significant indication of this on historical plans, the extent of this would be expected to be minimal.

Mineral Safeguarding Areas

3.6.7 The Site (and land up to 1km from the draft Order Limits) lies entirely within ERYC, and mineral safeguarding areas are present on the extreme western edge of Land Parcel B and the north-eastern part of Land Parcel D. The majority of the underground grid connection corridor is situated within a mineral safeguarding area, relating to deposits of sand and gravel.

3.7 Soils

Agricultural Land Classifications

3.7.1 The Agricultural Land Classification system (ALC) is a method of classifying the quality of land used for agricultural purposes, based on the possible limitations on agricultural use due to physical or chemical properties. The three main factors affecting ALC are climate, site, and soil.

3.7.2 A detailed ALC survey has been completed between October 2023 and February 2024 by Land Research Associates. The survey is within the north-east section of the Site comprising a total of 310.8ha, with a detailed ALC survey of the remainder of the Site (including the underground grid connection corridor) currently being undertaken. The results of this survey are shown within **Appendix 17.1 Agricultural Land Classification Report** in **Volume 3** and **Figure 17.4: Detailed Agricultural Land Classification and Provisional Agricultural Land Classification Map** in **Volume 2**. In the absence of the detailed survey results for the remainder of the Site and the underground grid connection corridor, the existing baseline conditions have been informed by publicly available data sources, at this stage, where a detailed ALC survey is yet to be completed.

3.7.3 A complete set of detailed ALC survey results for the Site will be used to inform the assessment presented in the ES. The survey will be undertaken in accordance with industry standards and the survey methodology will be agreed with Natural England. The aim of the survey is to characterise the soil profiles to determine an ALC grade and examine soil resilience across the Site.

Topography

3.7.4 In Land Parcel A, the ground surface is approximately level, ranging between 7.0m and 8.0m above ordnance datum. The surrounding ground level to the west rises to a peak of 17.0m above ordnance datum with the land to the east also higher, rising to 24.0m above ordnance datum 335m to the east. Land to the north and south is approximately level with the land that is within the Land Parcel. As a result, Land Parcel A sits within a topographical low area from east to west.

- 3.7.5 East to west across Land Parcel B the land is approximately level at 6.0m to 8.0m above ordnance datum, with a topographical peak of 22.0m in Field 18d. The topography running north to south is also approximately level at 8.0m to 10.0m above ordnance datum.
- 3.7.6 Land Parcel C is also approximately level, at 7.0m above ordnance datum in the south and 8.0m above ordnance datum in the north. A wooded area not within the draft Order Limits situated between Fields 5a and 5b rises to 19.0m above ordnance datum. The topography is relatively level running from east to west.
- 3.7.7 The land around Melbourne Raceway drops from 10.0m above ordnance datum in the north to 7.0m above ordnance datum in the south, with no significant changes from west to east. The land in Parcel E is also relatively flat, ranging from 6.0m to 8.0m above ordnance datum.
- 3.7.8 Across the underground grid connection corridor, from north to south, topography ranges from 12.0m above ordnance datum in the north, then 6.0m in the approximate centre close to Pocklington Canal and back to 9.0m above ordnance datum in the south, close to Melbourne Raceway.

3.8 Hydrogeology

- 3.8.1 A summary of the hydrogeological setting of the Site, with respect to the anticipated geological sequence set out in **Section 3.3** is presented in **Table 6**.

Table 6: Summary of Hydrogeological Setting

Condition	Description
Aquifer characteristics	<p>Superficial geological units: the Site is underlain primarily by unproductive strata associated with the Thorganby Clay Member. In the north, associated with the Bielby Sand Member, the aquifer is designated as secondary undifferentiated.</p> <p>Bedrock geological units: principal aquifer associated with the Sherwood Sandstone Group and secondary B aquifer associated with the Mercia Mudstone Group.</p>
Groundwater vulnerability	<p>Groundwater vulnerability is predominantly Low (corresponding to the Thornaby Clay Member), with some areas of Medium and Medium-High classifications where more permeable superficial deposits are present.</p>

Condition	Description
<p>The Water Framework Directive (WFD) groundwater body classification and status</p>	<p>The Derwent (south) Mercia Mudstone, Lias, Ravenscar and Norton Corallian Water Body (ID: GB40402G702200) is present beneath the underground grid connection corridor. The body has a 'good' overall rating and a 'good' chemical rating (assessed 2015).</p> <p>The East Riding Mercia Mudstone water body (ID: GB40402G990200) is present in the south and east beneath Land Parcels D and E. The body has a 'poor' overall rating (assessed 2021) and 'poor' chemical rating (assessed 2015).</p> <p>The Derwent Sherwood Sandstone water body (ID: GB40401G700600) is present in the east of Site beneath Land Parcels A, B and C. The body has a 'poor' overall rating and 'poor' chemical rating (assessed 2019).</p> <p>With respect to the 'groundwater body quality status (pollution)', the mapping determines vulnerability based on the question 'How careful do I have to be?'. The Site is all located within an area where the answer is classified as 'Be aware – could present a problem'. With respect to the 'groundwater body quantity status (abstraction)', the mapping determines vulnerability based on the question 'Can I abstract water?'. The Site is all located within an area where the answer is classified as 'Non-licensed: Possible/Licensed: No'.</p>
<p>Depth to groundwater and flow</p>	<p>Details of the current groundwater regime are unknown. However, local BGS borehole records indicate a variable groundwater level.</p> <p>Groundwater in the north of Site, beneath the Bielby Sand, was found at depths ranging between 1.0m and 7.0m below ground level (the shallowest groundwater is recorded in boreholes close to Thornton Canal). Beneath the Thorganby Clay, in the south water depths ranged from 2m to 5m below ground level, and in the west it was found to be deeper, between 5m to 7m below ground level. Deeper groundwater, within the Mercia Mudstone bedrock was identified at around 91m to 102m below ground level. Groundwater levels within</p>

Condition	Description
	<p>the sandstone bedrock are thought to be at around 188m below ground level. Groundwater flow direction is unknown at this stage but in the north (underground grid connection corridor) it is likely to be towards Thornton Canal, with groundwater direction in the wider site towards River Derwent in the west.</p>
<p>Groundwater recharge/attenuation</p>	<p>The vast majority of the Site is currently unsurfaced and will therefore drain to ground.</p>
<p>Historical implications for hydrogeology</p>	<p>There are no historical features evident that would suggest a complex hydrogeological regime is likely to be present at the Site. Geological faulting is indicated as being inferred, with a number of faults running from north-east to south-west.</p>
<p>Licensed private groundwater abstractions – potable water supplies (dataset from Envirocheck report)</p>	<p>Licensed groundwater abstraction information is provided in the Envirocheck report within Appendix B.</p> <p>Land Parcel A: no licensed private groundwater abstractions (potable water).</p> <p>Land Parcel B: no licensed private groundwater abstractions (potable water).</p> <p>Land Parcel C: no licensed private groundwater abstractions (potable water).</p> <p>Land Parcel D: General domestic and farming (three entries at same position), Mr JR Rowbottom, dated from 1991, 2/26/34/078.</p> <p>Land Parcel E: no licensed private groundwater abstractions (potable water).</p> <p>Underground cable connection corridor: South-west of the Land Parcel, General domestic and farming (five entries at same position), DM & I Kemp & Sons, earliest record from 1991 and most recent from 2014.</p> <p>Outside draft Order Limits within 1km: General domestic and farming, TA & BJ Stephenson, 2024 to unknown, 2/27/28/104; General domestic and farming, TW Sewell & Sons, 2003 to unknown date, 2/27/28/244; General domestic and farming (two entries at same position), A & A Wake, 2008 and 2013 to</p>

Condition	Description
	<p>unknown dates, 2/27/28/255 and Ne/027/0028/05;</p> <p>General domestic and farming, Melrose Pigs Ltd, 2008 to unknown date, 2/26/34/025;</p> <p>General domestic and farming, Miss C Tagart, February 1984 to unknown date, 2/27/28/022;</p> <p>General domestic and farming, MR DV Lee, December 2022 to unknown date, 2/27/28/183.</p>
<p>Licensed private groundwater abstractions – non-domestic supplies (dataset from Envirocheck report)</p>	<p>Land Parcel A: no licensed private groundwater abstractions (non-domestic supply).</p> <p>Land Parcel B: no licensed private groundwater abstractions (non-domestic supply).</p> <p>Land Parcel C : no licensed private groundwater abstractions (non-domestic supply).</p> <p>Land Parcel D: General agriculture (three entries at same position), Mr JR Rowbottom, dated from 1991, 2/26/34/078.</p> <p>Land Parcel E: no licensed private groundwater abstractions (non-domestic supply).</p> <p>Underground cable connection corridor: South-west area of the Land Parcel, General agriculture, A&K Wielkepolski, 2014 to unknown date, 2/27/28/110;</p> <p>South-west area of the Land Parcel, General agriculture (five entries at same position), M D & I Kemp & Sons, earliest licence from 1991 and most recent from 2014, all under reference 2/27/28/109;</p> <p>South-west area of the Land Parcel, General agriculture, St Helens Farm, 2000 to unknown date, 2/27/28/110;</p> <p>Horticulture and Nurseries (five entries at same position) and Spray Irrigation (one entry), Triffitt Nurseries Limited, from 2007, references 2/27/28/292/R01, 2/27/28/214, 2/27/28/148;</p> <p>General agriculture (three entries at same position), Turfgrass Services and FE Whitewell & Co, from 2000, 2/27/28/207, 2/27/29/289, Ne/027/0028/053.</p> <p>Outside draft Order Limits within 1km:</p>

Condition	Description
	<p>Agricultural vegetable wash (two entries at same position), East and North Riding Farm Produce Ltd, 2000 and 2002 to unknown date, 2/27/28/144, 10m outside draft Order Limits, along Melbourne Road;</p> <p>General Agriculture (two entries in same position), RC Reed & Sons, 1999 and 2001 to unknown date, 2/27/28/094, 170m east of draft Order Limits;</p> <p>Horticulture and Nurseries (three entries in same position) and general agriculture (one entry), Triffitt Nurseries Ltd, from 1995, 298m west of draft Order Limits;</p> <p>General Agriculture (four entries in same position), Triffitt Nurseries Ltd, from 2009/2/27/28/278, 382m west of draft Order Limits;</p> <p>General agriculture, Rolawn (Turf Growers) Ltd, from 1996 to unknown date, 2/27/28/171, 791m north-west of draft Order Limits;</p> <p>General Agriculture (three entries in same position), H Featherstone & Sons and Rolawn Ltd, from 2005 to unknown date, and latest from 2010 to unknown date, 2/27/28/251, 818m north-west of draft Order Limits;</p> <p>General Agriculture (two entries in same position), H Featherstone & Sons, 2011 to unknown date, NE/027/0028/036, 850m north-west of draft Order Limits;</p> <p>General Agriculture (six entries in same position), EM Wilkinson & Sons/Messrs A&R Wilkinson, Johnsons of Whixley Ltd and Endfield of Wilberfoss, earliest from 2000 and latest from 2020 to unknown dates, 2/27/28/118, 906m north-east of draft Order Limits.</p>
<p>Licensed public groundwater abstractions – potable water supplies (dataset from Envirocheck report)</p>	<p>Land Parcels A to E: no licensed public groundwater abstractions (potable water supplies).</p> <p>Underground cable connection corridor: no licensed public groundwater abstractions (potable water supplies).</p>

Condition	Description
	<p>Outside draft Order Limits within 1km: no licensed public groundwater abstractions (potable water supplies).</p>
<p>Licensed public groundwater abstractions – non-domestic water supplies (dataset from Envirocheck report)</p>	<p>Land Parcels A to E: no licensed public groundwater abstractions (non-domestic water supplies).</p> <p>Underground cable connection corridor: no licensed public groundwater abstractions (non-domestic water supplies).</p> <p>Outside draft Order Limits within 1km: no licensed public groundwater abstractions (potable water supplies).</p>
<p>Unlicensed private groundwater abstractions (dataset from ERYC in Appendix C)</p>	<p>Data provided by ERYC, shows that there are no records of unlicensed private groundwater abstractions within the draft Order Limits</p> <p>The dataset shows there are six unlicensed private groundwater abstractions within a 1km radius of the draft Order Limits. Two of these are recorded as domestic use, one is recorded as commercial (food production) use, two are recorded as unused and two are recorded as unknown (see Figure 1).</p>
<p>Groundwater source protection zones</p>	<p>There are two groundwater source protection zones within the draft Order Limits:</p> <ul style="list-style-type: none"> – Zone 1 (Inner Zone) at the corner of Fields 13r and 13q in Land Parcel D – Zone 1 (inner zone) within Field 23a on the underground grid connection corridor. <p>There are five further source protection zones located within 1km of the draft Order Limits, all of which are Zone 1 (inner zone):</p> <ul style="list-style-type: none"> – the closest zone is 94m from the draft Order Limits, north of Field 13w in Land Parcel D – two of the other inner zones are 95m away from the boundary, south of Land Parcel B, close to Bowland Lane – one is located 458m east of Field 17h, off the boundary of Land Parcel E – the furthest within 1km is 714m east of Field 15b in Land Parcel A.

Condition	Description
Groundwater Dependent Terrestrial Ecosystem	<p>The Environment Agency has indicated that there is one Groundwater Dependent Terrestrial Ecosystem that extends into the Site within the proposed cable connection route. This is the Melbourne and Thornton Ings Site of Special Scientific Interest (SSSI).</p> <p>Outside the draft Order Limits, but within 1km, there is a further Groundwater Dependent Terrestrial Ecosystem approximately 316m to the north-east of the underground grid connection corridor, to the north-east of Thornton substation. This is White Carr Meadow SSSI.</p>

3.9 Hydrology

3.9.1 A summary of the hydrology within the Site area is provided in **Table 7**.

Table 7: Summary of Hydrology in Site Area

Condition	Description
Surface watercourses/features	<p>Pocklington Canal cuts across the underground grid connection corridor between Fields 24c, 24d, 24e and 24y and 23t, 23s and 23u. The Beck runs alongside the canal, originating from Thornton Lock and eventually joining the River Derwent to the west.</p> <p>Drainage ditches form other surface watercourses, which are present along many field boundaries. Two named drains that run across the centre of the draft Order Limits are the Lord's Drain and Foss Dike. These are controlled by the Internal Drainage Board.</p>
Surface water abstractions dataset from Envirocheck report)	<p>Below is a list of surface water abstractions found either on-site or within 1km of the draft Order Limits. A full breakdown can be found within Appendix C.</p> <p>Land Parcels A to E: no surface water abstractions.</p> <p>Underground grid connection corridor:</p> <p>Adjacent to Pocklington Canal, General Agriculture (two entries at same position), Mr G Hicks, 1978 and 2004 to unknown date, 2/27/28/093;</p> <p>General agriculture, SP Hudson, 1996 to unknown, 2/27/28/031, immediately south of Pocklington Canal</p> <p>Outside draft Order Limits within 1km:</p>

Condition	Description
	<p>Navigation supply to a canal, Canal and River Trust, 2022 to unknown date, NE/027/0028/071; 3m west adjacent to Pocklington Canal</p> <p>General Agriculture, AH Ridsdale, 1988 to unknown date, 2/27/28/032, 20m east of draft Order Limits, east of Melbourne Road</p> <p>General Agriculture (two entries at same position), RC Reed & Sons, 1997 and 2002 to unknown date, 2/26/34/143; 170m east of draft Order Limits;</p> <p>General agriculture, HE Stubbins & Sons, 1996 to unknown date, 2/27/28/042, 880m east of draft Order Limits;</p>
Site drainage	<p>Surface drainage from the Site is managed by the agricultural drainage network, as well as via discharges to land.</p>
Preliminary flood risk assessment	<p>Based on information provided in the Envirocheck Report (Appendix B), areas of the Site close to the Pocklington Canal, including the underground grid connection corridor and the northern areas of Land Parcels C and D are susceptible to flooding from surface water with underground structures also at risk from flooding.</p>

3.10 Sensitive Land Uses

3.10.1 Environmentally sensitive areas (Including Ramsar Sites, SSSIs, Nature reserves, National Parks, Special Areas of Conservation (SACs), Special Protection Areas (SPAs), World Heritage Sites, National Landscapes and Groundwater Dependent Terrestrial Environments) identified within 500m of the Site based on the environmental database report include:

- Ancient woodland is present 356m east of Land Parcel A (Park Wood);
- The Lower Derwent Valley is a Ramsar Site, SAC, National Nature Reserve, SSSI and a SPA, and is present 225m north of Land Parcel A. This runs north of the Site, from between Melbourne and Thornton villages in the east to Storwood in the west;
- The SSSI and Groundwater Dependent Terrestrial Ecosystem at Melbourne and Thornton Ings is also present within the Lower Derwent Valley and extends into the underground grid connection corridor;
- The Pocklington Canal SSSI runs through the underground grid connection corridor; and,

Mylen Leah Solar Farm

- White Carr Meadow, designated as a SSSI and Groundwater Dependent Terrestrial Environment is present 316m to the east of the underground grid connection corridor, north-east of National Grid Thornton Substation.

4. Site reconnaissance findings

4.1.1 A site reconnaissance survey was completed between 9 and 20 April 2024 to visit Land Parcels A to E, and on 6 February 2025 to visit the underground grid connection corridor. The characteristics of the Site observed during the walkover, supported by information from current Ordnance Survey maps and publicly available aerial photographs, are summarised below.

4.1.2 Land Parcel and field reference numbers are shown in **Figure 2.3: Land Parcel and Interconnecting Cables with Field Numbering** in **Volume 2** with reconnaissance findings and photographic records included in **Appendix C**, detailing the main features identified below.

4.1.3 In summary, the land is currently almost exclusively in use for agricultural purposes. Key points identified on-site during the walkover include:

- No visible evidence of contamination in watercourses or surface water features (e.g., oily sheens, orange-coloured sediment accumulation, foam residue and green algae accumulation) was noted at the time of the walkover;
- Large drains run through the Site, which flow off-site (further information on this is provided in **Chapter 15: Water** in **Volume 1**);
- Pocklington Canal and The Beck run across the Site in the north, which feed major rivers to the east and west;
- Areas of localised surface water flooding/waterlogging were observed;
- Waste was observed stockpiled on-site, including brick rubble and gravel/road plainings, and fly-tipping was evident in several locations (including metal, glass, plastic and possible asbestos-containing sheeting);
- Possible presence of made ground in areas close to farm buildings and where farm tracks are located;
- Possible presence of made ground in backfill material in infilled mineral extraction pits, and unknown fill in former Scamland Bridge landfill present in the underground grid connection corridor; and,
- Existing structures on-site include telephone and electricity overhead cables, farm buildings including animal sheds, and foundations.

4.1.4 Key observations off-site include:

- Former RAF Melbourne Airfield, now in use as Melbourne Raceway, with fuel storage observed and potential for spills of chemicals, fuels, oils, solvents and heavy metals, with electricity transformers on the raceway land;
- York Model Boat Club, with potential for battery storage and waste, as well as fuel and chemicals;
- Farms located just outside the draft Order Limits, with potential for storage of chemicals, fertilisers, pesticides, fuels, oils, lubricants and solvents. The farm types included poultry, cattle and pig farms, which

are likely to store and use disinfectant, cleaning products and biological agents;

- Visible and olfactory contamination was noted in the form of foaming and sheen on the surface of water present within a ditch in the underground grid connection corridor, east of Melbourne;
- Water treatment works located off-site, adjacent to the underground grid connection corridor;
- Caravan sites located at various locations around the draft Order Limits, which may involve use of effluent treatment chemicals and septic tanks;
- Off-site commercial units including agricultural machinery warehouses, grain silos and distribution centres, with the potential for storage of fuels, chemicals and oils; and,
- National Grid Thornton Substation is present off-site to the north, with underground services likely to be present.

5. Preliminary geotechnical constraints

5.1 Design Class

5.1.1 BS EN 1997-1⁸ defines three different Geotechnical Categories that structures may fall into, which are summarised as follows:

- Category 1: Small and relatively simple structures for which it is possible to ensure that the fundamental requirements will be satisfied on the basis of experience and qualitative geotechnical investigations; with negligible risk;
- Category 2: Conventional types of structure and foundation with no exceptional risk or difficult ground or loading conditions; and,
- Category 3: Structures or part of structures, which fall outside limits of Geotechnical Categories 1 and 2. Examples include very large or unusual structures; structures involving abnormal risks, or unusual or exceptionally difficult ground or loading conditions; structures in highly seismic areas; structures in areas of probable site instability or persistent ground movements that require separate investigation or special measures .

5.1.2 Based on the information provided above on the proposed development and in view of the anticipated ground conditions, Geotechnical Category 2 has been assumed for the purposes of designing the geotechnical investigation. This should be reviewed at all stages of the investigation and revised where necessary.

5.2 Preliminary Geotechnical Hazards Assessment

5.2.1 A summary of commonly occurring geotechnical hazards associated with the anticipated geology outlined in **Section 3.3** is given in **Table 8**, together with an assessment of whether the Site may be affected by each of the stated hazards.

Table 8: Summary of Preliminary Geotechnical Risks that may affect Site

Hazard category	Hazard status based on desk study findings and proposed development		Engineering considerations if hazard affects Site
	Could be present and/or affect Site	Unlikely to be present and/or affect Site	
Sudden lateral changes in ground conditions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could be present within superficial units and in proximity to Pocklington Canal or deeper drainage ditches. Potential to

Hazard category	Hazard status based on desk study findings and proposed development		Engineering considerations if hazard affects Site
	Could be present and/or affect Site	Unlikely to be present and/or affect Site	
			affect ground engineering and foundation design and construction
Shrinkable clay soils	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Risk assessed as low to very low, but could be present within alluvial deposits
Highly compressible and low bearing capacity soils, (including peat and soft clay)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Envirocheck report (Appendix A) identifies some areas at high risk from compressibility hazards. This issue could affect ground engineering and foundation design and construction
Silt-rich soils susceptible to rapid loss of strength in wet conditions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Silt is noted in some borehole records, but no information on susceptibility to loss of strength. Could affect ground engineering and foundation design and construction
Running sand at and below water table	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Low to very low risk, or no risk, identified by Envirocheck data (Appendix A)
Karstic dissolution features (including 'swallow holes' in Chalk terrain)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chalk and limestone not present
Evaporite dissolution features	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not expected to be present

Hazard category	Hazard status based on desk study findings and proposed development		Engineering considerations if hazard affects Site
	Could be present and/or affect Site	Unlikely to be present and/or affect Site	
and/or subsidence			
Ground subject to or at risk from landslides	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ground generally level, Envirocheck dataset (Appendix A) identified the risk as low to very low, but some evidence off-Site of minor landslips
Ground subject to periglacial valley cambering with gulls possibly present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not expected to be present
Ground subject to or at risk from coastal or river erosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Some surface water features are significantly lower than generally ground level, so erosion is possible
High groundwater table (including waterlogged ground)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	High groundwater table possible in some areas, with surface waterlogging evident during Site walkover
Rising groundwater table due to diminishing abstraction in urban area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not expected to be an issue

Hazard category	Hazard status based on desk study findings and proposed development		Engineering considerations if hazard affects Site
	Could be present and/or affect Site	Unlikely to be present and/or affect Site	
Geological faults, fissures and breaklines	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Faults show running across the Site, according to BGS records. No details are available from borehole records.
Underground mining, including shafts and adits (e.g. coal, mineral)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not expected to be present
Effects of extreme temperature (e.g. cold stores or brick kilns/furnaces)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not expected to be present
Existing sub-structures (e.g. tunnels, foundations, basements, and adjacent sub-structures)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Building foundations were noted during the walkover in Field 23e.
Filled and made ground (including embankments, infilled ponds and quarries)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could be present in limited areas, but not expected to be a significant issue
Adverse ground	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not expected to be present

Hazard category	Hazard status based on desk study findings and proposed development		Engineering considerations if hazard affects Site
	Could be present and/or affect Site	Unlikely to be present and/or affect Site	
chemistry (including expansive slags and weathering of sulphides to sulphates)			
Site topography	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not expected to be problematic
Note: Seismicity is not included in the above table as this is not normally a design consideration in the UK.			

6. Initial conceptual site model

- 6.1.1 In the UK, land contamination is assessed using a risk-based approach taking account of the magnitude (severity of the hazard) and likelihood (probability) of occurrence. A ‘receptor’ is something that could be adversely affected by contamination (e.g. people, an ecological system, property or a water body). A ‘pathway’ is a route or means by which a receptor is or could be exposed to or affected by a contaminant. A ‘contaminant source’ is a hazard but it can only pose a risk to a receptor where a pathway is present. The relationship between sources, pathways and receptors are referred to as a conceptual site model. A risk can only be realised where a contaminant source, pathway and receptor are all in place, referred to as a ‘pollutant linkage’.
- 6.1.2 In line with Land Contamination Risk Management⁹ and BS 10175: 2011 + A2 2017¹⁰, the Applicant has used information in the preceding sections to identify hazards (sources of contaminants), receptors that may be impacted and plausible linking pathways. Where all three are present this is termed a potentially complete contaminant linkage and a qualitative risk estimation is made.

6.2 Potential Contaminant Linkages

Potential Sources of Contamination

- 6.2.1 Potential sources of contamination identified from current activities and the historical use of the Site and surrounding area are presented in **Table 9**. Potentially sensitive receptors and linking exposure/migration pathways are presented in **Section 6.1.2** and **Table 10** presents a risk estimation of potentially complete contaminant linkages. The right hand column of **Table 10** includes comments where relevant about whether or not the potential contaminant linkage warrants further consideration.

Table 9: Potential Sources of Contamination

Potential sources	Contaminants of concern
On-site	
Contamination caused by agricultural land use	Potential for build-up of pesticides or herbicides. This potential linkage is considered further within this risk assessment.
Made ground (i.e. fill material)	There are no recorded areas of made ground, but there is the potential for it to be encountered in areas close to farm buildings or along farm tracks. Fill material could potentially include brick, ash and clinker, and incorporate toxic and phytotoxic metals, inorganics, polycyclic aromatic hydrocarbons or asbestos-containing-materials. There is the potential for made ground of some types to generate hazardous ground gases. Pits or ponds

Potential sources	Contaminants of concern
	<p>that were infilled prior to 1930s are considered to pose a very low risk of generating significant concentrations of hazardous ground gases (based on the Indicative ground gas generation potential provided in Chartered Institute of Environmental Health, 2008¹¹). These potential linkages are taken forward within this risk assessment.</p>
<p>Bases of electricity pylons in fields</p>	<p>Possible made ground (see above). This linkage is not considered to be sufficiently viable to require further assessment.</p>
<p>Backfill material in historical ponds or pits (known locations identified on historical mapping, and possible unknown locations) and stored or fly-tipped waste materials</p>	<p>Made ground could be present (as above). Waste piles could include a wide variety of waste types. This potential linkage is taken forward within this risk assessment.</p>
<p>Storage of fuel, oil or chemicals</p>	<p>Specific locations where agricultural equipment has been stored on-site have not been identified. However, it is possible that storage of substances such as lube oil, diesel, kerosene or chlorinated solvents may have occurred. This potential linkage is taken forward within this risk assessment.</p>
<p>Historical landfill: Scamland Bridge</p>	<p>Located to the east of Melbourne, at the western edge of the underground grid connection corridor, occupying a former recorded mineral site: inert and industrial waste imported from 1948 to 1979. This potential linkage is taken forward within this risk assessment.</p>
<p>Hydrocarbon Wells</p>	<p>One hydrocarbon well is present within the underground grid connection corridor. Light and heavy phase hydrocarbons extracted from the well may be present at the surface or in shallow soils. Fuels, oils, lubricants and cleaning products may be present from general use during the drilling. This potential linkage is taken forward within this risk assessment.</p>

Potential sources	Contaminants of concern
Off-site (within 1km of the draft Order Limits)	
Agricultural land use and farm buildings (including poultry farms)	Chemicals, fertilisers, pesticides, fuels, oils, lubricants, solvents, cleaning products and biological agents may be present. As this potential contaminative Site use will be considered further for on-site sources it will not be taken forward separately for assessment as an off-site receptor.
Melbourne Raceway	Possible made ground (see above) and possible contamination associated with airfield and runway use, including metals, metalloids and their compounds; fuel oil; oils (including for aircraft maintenance); degreasing solvents; polychlorinated biphenyls; wood preservatives; inorganic compounds (e.g. ammonium salts, boron, hydrazine, sulphide, sulphate, phosphate and chloride); sulphuric or hydrochloric acid; sodium hydroxide and asbestos. In addition, possible contamination associated with the authorised or ad hoc disposal of aircraft (which could include luminised equipment [this term is generally used to refer to instruments that used phosphorescent or self-luminous materials, such as radium paint in older aircraft]), as well as ordnance storage, use and disposal. This potential linkage is taken forward within this risk assessment.
Off-site industrial or potentially contaminative uses include the water treatment facility, National Grid Thornton Substation, grain distribution centre adjacent to Melbourne Raceway	Fuels, oils and chemicals may be stored and used in these locations. This potential linkage is taken forward within this risk assessment.
Ellerton Site A and B Landfill	Situated approximately 10m north of Field 10b within Land Parcel B, Ellerton Site A and B operated between 1976 and 1985, receiving inert, industrial, commercial and household waste (including construction industry waste, old vehicles and trailers,

Potential sources	Contaminants of concern
	and excavation soil and subsoil from road improvements in the Holme and Spalding Moor area). This potential linkage is taken forward within this risk assessment.

Sensitive Receptors and Linking Exposure/Migration Pathways

6.2.2 Sensitive receptors identified at or in the vicinity of the Site that could be affected by the potential sources identified above are listed below. Potential linking pathways are show in brackets for each item:

- Current/future Site users – agricultural/construction/maintenance Site workers [oral, dermal and inhalation exposure with impacted soil, soil vapour and dust, inhalation of vapours from groundwater, migration and build-up of hazardous ground gases, potentially followed by asphyxiation or explosion];
- Current adjacent Site users – residential, agricultural, industrial Site users [migration of contamination via dust/fibre deposition, inhalation of vapours from groundwater];
- Current/future buildings and services [direct contact with contaminated soils or groundwater and chemical attack, migration and build-up of hazardous ground gases, potentially followed by explosion];
- Existing/future vegetation [direct contact with contaminated soils or groundwater and root uptake leading to phytotoxicity];
- Groundwater in secondary undifferentiated and unproductive aquifers within superficial deposits (Bielby Sand Member, Thorganby Clay Member alluvium) [leaching from soils, percolation to aquifer, lateral migration of dissolved phase contamination];
- Groundwater within bedrock deposits, classified as a principal and secondary B aquifer [percolation through permeable strata to aquifer, lateral migration of dissolved phase contamination];
- Groundwater abstraction points present across the Site [lateral migration of dissolved phase contamination]; and,
- Surface watercourses (numerous drains and ditches on and close to the Site, including Pocklington Canal) and associated surface water abstraction points [lateral migration of dissolved phase contamination, Site run-off, drainage].

6.2.3 Please note that construction workers and future maintenance workers have not been identified in the conceptual site model as receptors because risks are considered to be managed through health and safety procedures in accordance with the Construction (Design and Management) Regulations (2015).¹²

6.3 Preliminary Risk Assessment

- 6.3.1 The preliminary risk assessment findings and potentially complete contaminant linkages are shown in **Table 10**. The risk classification based on the combination of hazard consequence and probability using a risk matrix from CIRIA C552,¹³ a summary of which is included in **Appendix D**. This relates to Tier 1 preliminary risk assessment in Land Contamination Risk Management.
- 6.3.2 The initial conceptual site model is shown schematically in **Figure 2**.

Table 10: Risk Estimation for Potentially Complete Contaminant Linkages

Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
On-site						
On-site contamination from agricultural land use	Current/future Site users – agricultural/ energy Site workers	Oral, dermal and inhalation exposure with impacted soil, soil vapour and dust	Unlikely	Medium	Low	Potential for direct contact with soil is considered to be low for the development type. Contamination from agricultural sources is considered unlikely to be significant at the surface
	Current users of adjacent Sites– residential, agricultural and industrial Site users	Oral, dermal and inhalation exposure with impacted soil, soil vapour and dust	Unlikely	Medium	Low	Users on adjacent sites will not come into direct contact with soil below the Site
	Current/future buildings and services	Direct contact with contaminated soil or groundwater and chemical attack	Unlikely	Mild	Very low	Any risk from this linkage is considered to be very low as it is unlikely that significant contamination is present, and the sensitivity of the receptor is low
	Existing/future vegetation	Direct contact with contaminated soil or groundwater and root uptake leading to phytotoxicity	Low likelihood	Mild	Low	This receptor is of low sensitivity, and there is a low likelihood of significant contamination being present
	Groundwater in superficial deposits	Leaching from soils and lateral / vertical migration of	Unlikely	Medium	Low	Although contamination from agricultural sources could exist in groundwater, it is

Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
	(secondary undifferentiated and unproductive aquifers)	dissolved phase contamination Site run-off/drainage				considered unlikely that this would be present in significant quantities
	Groundwater in bedrock deposits (principal and secondary B aquifers, groundwater abstraction points)	Leaching from soils and lateral / vertical migration of dissolved phase contamination Site run-off/drainage	Unlikely	Medium	Low	Although contamination from agricultural sources could exist in groundwater, it is considered unlikely that this would be present in sufficient quantities to significantly affect the groundwater receptors
	Surface watercourses and surface water abstraction points	Leaching from soils and lateral / vertical migration of dissolved phase contamination Site run-off/drainage	Unlikely	Medium	Low	Due to the large numbers of drains within some parts of the Site and anticipated low mobility of groundwater due to generally level topography, movement of contamination across significant distances is not expected to occur. Any impact to surface watercourses is therefore expected to be limited to local impact and significant effects are not anticipated
On-site contamination from stored or fly-tipped waste materials, backfill	Current/future Site users – agricultural/energy site workers	Oral, dermal and inhalation exposure with impacted soil, soil vapour and dust	Unlikely	Medium	Low	Potential for direct contact between users and impacted material is considered to be low for the development type. Significant contamination

Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
material in historical ponds or pits, made ground (i.e. fill material)						from these sources is considered unlikely
		Migration and build-up of hazardous ground gases, potentially followed by asphyxiation or explosion	Unlikely	Severe	Low	Although a severe impact could occur if gases build up, this is considered to be highly unlikely given the nature of the development, and the low probability that any made ground present contains significant quantities of gas-generating material. Therefore, although the risk matrix puts the potential risk as moderate/low, professional judgement (based on industry guidance relating to gas generation potential of fill material) has resulted in a potential risk of low being assigned
	Current users of adjacent sites—residential, agricultural and industrial site users	Oral, dermal and inhalation exposure with impacted soil, soil vapour and dust	Unlikely	Medium	Low	Users on adjacent sites will not come into direct contact with soil below the subject Site
	Current/future buildings and services	Direct contact with contaminated soil or groundwater and chemical attack	Unlikely	Mild	Very low	Any risk from this linkage is considered to be very low as it is unlikely that significant contamination is present

Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
						within made ground, and the receptor sensitivity is low
		Migration of hazardous ground gases, potentially followed by explosion	Unlikely	Severe	Low	Although a severe impact could occur if gases build up, this is considered to be highly unlikely given the nature of the development, and the low probability that any made ground present contains significant quantities of gas-generating material. Therefore, although the risk matrix puts the potential risk as moderate/low, professional judgement (based on industry guidance relating to gas generation potential of fill material) has resulted in a potential risk of low being assigned
	Existing/future vegetation	Direct contact with contaminated soil or groundwater and root uptake leading to phytotoxicity	Unlikely	Mild	Very low	This receptor is ranked to be of low sensitivity, and there is a low likelihood of significant contamination being present within made ground
	Groundwater in superficial deposits (secondary undifferentiated)	Leaching from soils and lateral / vertical migration of dissolved phase contamination	Unlikely	Medium	Low	Although contamination within made ground could percolate into groundwater, it is considered unlikely that there would be significant

Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
	and unproductive aquifers)	Site run-off/drainage				quantities of leachable contamination present in fill material
	Groundwater in bedrock deposits (principal and secondary B aquifers, groundwater abstraction points)	Leaching from soils and lateral / vertical migration of dissolved phase contamination Site run-off/drainage	Unlikely	Medium	Low	Impact from made ground is considered unlikely to affect groundwater receptors
	Surface watercourses and surface water abstraction points	Leaching from soils and lateral / vertical migration of dissolved phase contamination Site run-off/drainage	Unlikely	Medium	Low	Due to the large numbers of drains within some parts of the Site and anticipated low mobility of groundwater due to generally level topography, movement of contamination across significant distances is not expected to occur. Any impact to surface watercourses is therefore expected to be limited to local impact and significant effects are not anticipated
On-site contamination from storage of fuel, oil or chemicals	Current/future Site users – agricultural/energy site workers	Oral, dermal and inhalation exposure with impacted soil, soil vapour and dust	Unlikely	Medium	Low	Potential for direct contact with impacted soil is considered to be low for the development type. Contamination from these sources is considered unlikely to be significant

Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
	Current users of adjacent Sites—residential, agricultural and industrial site users	Oral, dermal and inhalation exposure with impacted soil, soil vapour and dust	Unlikely	Medium	Low	Users on adjacent sites will not come into direct contact with soil below the Site
	Current/future buildings and services	Direct contact with contaminated soil or groundwater and chemical attack	Unlikely	Mild	Very low	Any linkage from this risk is considered to be very low due to the unlikelihood of significant contamination being present, and the low sensitivity of the receptor
	Existing/future vegetation	Direct contact with contaminated soil or groundwater and root uptake leading to phytotoxicity	Unlikely	Mild	Very low	This receptor is ranked to be of low sensitivity, and there is a low likelihood of significant contamination being present
	Groundwater in superficial deposits (secondary undifferentiated and unproductive aquifers)	Leaching from soils and lateral / vertical migration of dissolved phase contamination Site run-off/drainage	Unlikely	Medium	Low	Although contamination from these sources could be present in groundwater, it is considered unlikely that this would be present in significant quantities
	Groundwater in bedrock deposits (principal and secondary B aquifers,	Leaching from soils and lateral / vertical migration of dissolved phase contamination	Unlikely	Medium	Low	Although contamination from these sources could be present in groundwater, it is considered unlikely that this would be present in significant quantities

Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
	groundwater abstraction points)	Site run-off/drainage				
	Surface watercourses and surface water abstraction points	Leaching from soils and lateral / vertical migration of dissolved phase contamination via site run-off/drainage	Unlikely	Medium	Low	Due to the large numbers of drains within some parts of the Site and anticipated low mobility of groundwater due to generally level topography, movement of contamination across significant distances is not expected to occur. Any impact to surface watercourses will therefore be expected to be limited to local impact and significant effects are not anticipated
On-site contamination associated with Scamland Bridge historical landfill, east of Melbourne	Current/future Site users – agricultural/energy site workers	Oral, dermal and inhalation exposure with impacted soil, soil vapour and dust	Low likelihood	Medium	Moderate/Low	The contamination status of land connected with the former Scamland Bridge landfill is unknown. As a result, further work would be required to determine if a risk is present. Other potential sources are less likely to have resulted in potentially significant issues
		Migration of hazardous ground gases, potentially followed by	Unlikely	Severe	Moderate/Low	Although a severe impact could occur if gases build up, this is considered unlikely given the nature of the development, resulting in a

Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
		asphyxiation or explosion				potential risk of moderate/low. Further information relating to the historical landfill site should be obtained to determine whether there is an existing risk as a result of generation of hazardous ground gases
	Current users of adjacent Sites—residential, agricultural and industrial site users	Oral, dermal and inhalation exposure with impacted soil, soil vapour and dust	Unlikely	Medium	Low	Users of adjacent sites will not come into direct contact with potential contamination below the Site
	Current/future buildings and services	Direct contact with contaminated soil or groundwater and chemical attack	Unlikely	Mild	Very low	Any linkage from this risk is considered to be very low due to the unlikelihood of significant contamination being present, and the low sensitivity of the receptor
		Migration of hazardous ground gases, potentially followed by explosion	Unlikely	Severe	Low	Although a severe impact could occur if gases build up, this is considered very unlikely given the nature of the development and absence of a viable receptor within the underground grid connection corridor, resulting in a considered potential risk of low.

Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
	Existing/future vegetation	Direct contact with contaminated soil or groundwater and root uptake leading to phytotoxicity	Unlikely	Mild	Very low	This receptor is ranked to be of low sensitivity, and there is a low likelihood of significant contamination being present that would result in a negative impact on vegetation
	Groundwater in superficial deposits (secondary undifferentiated and unproductive aquifers)	Leaching from soils and lateral / vertical migration of dissolved phase contamination Site run-off/drainage	Low likelihood	Medium	Moderate/Low	The landfill is registered as accepting inert and industrial waste with the last input in 1979. It is underlain by superficial deposits of alluvium of clay peat and silt, which in turn is underlain by the gravelly silty sand of the Bielby Sand formation. The nearest water abstraction is approximately 130m to the west. As a result, although contamination from historical landfills could migrate into groundwater, it is considered of low likelihood that this would be present in significant quantities given the types of waste that were accepted.
	Groundwater in bedrock deposits (principal and secondary B)	Leaching from soils and lateral / vertical migration of	Low likelihood	Medium	Moderate/Low	The bedrock geology beneath the landfill is recorded as being the Mercia Mudstone Group and the

Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
	aquifers, groundwater abstraction points)	dissolved phase contamination Site run-off/drainage				closest borehole records marls from 13.9m and sandstone from 81.0m. As a result, although contamination from historical landfills could migrate into groundwater, it is considered of low likelihood that this would be present in significant quantities given the types of waste that were accepted
	Surface watercourses and surface water abstraction points	Leaching from soils and lateral / vertical migration of dissolved phase contamination Site run-off/drainage	Unlikely	Medium	Low	Due to the large numbers of drains within some parts of the Site and anticipated low mobility of groundwater due to generally level topography, movement of contamination across significant distances is not expected to occur. Any impact to surface watercourses will therefore be limited to local impact and significant effects are not anticipated
On-site contamination associated with former hydrocarbon wells	Current/future Site users – agricultural/energy site workers	Oral, dermal and inhalation exposure with impacted soil, soil vapour and dust	Unlikely	Medium	Low	On-site hydrocarbon well reference L46/01-3 (located near Field 23a) does not record finding any oil but records coal seams and the upper strata to be superficial

Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
						clays and gravels. Based on oil not being recorded within the borehole record it is unlikely that this represents a viable linkage.
	Existing/future vegetation	Direct contact with contaminated soil or groundwater and root uptake leading to phytotoxicity	Unlikely	Mild	Very low	This receptor is ranked to be of low sensitivity, and there is a low likelihood of significant contamination being present that would result in a negative impact on vegetation.
	Groundwater in superficial deposits (secondary undifferentiated and unproductive aquifers)	Leaching from soils and lateral / vertical migration of dissolved phase contamination Site run-off/drainage	Unlikely	Medium	Low	Although contamination from these sources could be present in groundwater, it is considered unlikely that this would be present based on available borehole data – i.e., oil was not recorded to be present.
	Surface watercourses and surface water abstraction points	Leaching from soils and lateral / vertical migration of dissolved phase contamination Site run-off/drainage	Unlikely	Medium	Low	Although contamination from these sources could be present in groundwater, it is considered unlikely that this would be present based on available borehole data i.e., oil was not recorded to be present.
Off-site (within 1km of draft Order Limits)						

Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
Off-site contamination associated with former RAF Airfield, used now Melbourne Raceway	Current/future Site users – agricultural/industrial workers	Oral, dermal and inhalation exposure with impacted soil, soil vapour and dust	Unlikely	Medium	Low	Off-Site contamination sources would not be expected to affect on-site receptors via these pathways
	Groundwater in superficial deposits (secondary undifferentiated and unproductive aquifers)	Leaching from soils and lateral / vertical migration of dissolved phase contamination Site run-off/drainage	Low likelihood	Medium	Moderate/Low	The Airfield is underlain in the south-west Thorganby Clay Member and in the north-east by the Bielby Sand Member, with the Thorganby Clay beneath the majority of the airfield. Although contamination from these sources could be present in groundwater, it is considered to be of low likelihood that this would migrate beneath the Site in significant quantities as migration will be inhibited by the low-permeability of the clays.
	Groundwater in bedrock deposits, (principal and secondary B aquifers and groundwater abstraction points)	Leaching from soils and lateral / vertical migration of dissolved phase contamination Site run-off/drainage	Low likelihood	Medium	Moderate/Low	The entire airfield is underlain by the Merica Mudstone Group, which contains permeable and impermeable strata. Although contamination from these sources could be present in groundwater, it is considered of low likelihood that this

Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
						would migrate beneath the Site in significant quantities
	Surface watercourses and surface water abstraction points	Leaching from soils and lateral / vertical migration of dissolved phase contamination Site run-off/drainage	Unlikely	Medium	Low	Off-site impact affecting surface watercourses would not be expected to affect the Site significantly
Ellerton Site A and B historical landfill, situated approximately 10m north of Field 10b adjacent to Land Parcel B	Current/future Site users – agricultural/industrial workers	Oral, dermal and inhalation exposure with impacted soil, soil vapour and dust	Low likelihood	Medium	Moderate/Low	Off-Site contamination sources would not be expected to affect on-Site receptors via these pathways
	Groundwater in superficial deposits (secondary undifferentiated and unproductive aquifers)	Leaching from soils and lateral / vertical migration of dissolved phase contamination Site run-off/drainage	Low likelihood	Medium	Moderate/Low	The landfill area is underlain by the Skipwith Sand Member, which is considered to be permeable. However, migration to Site will be limited by the Thorganby Clay member which is beneath Site. Although contamination from these sources could be present in groundwater, it is considered unlikely that this would migrate beneath the Site in significant quantities
	Groundwater in bedrock deposits, (principal and	Leaching from soils and lateral / vertical migration of	Low likelihood	Medium	Moderate/Low	The bedrock beneath this landfill is recorded to be the Sherwood Sandstone Group,

Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
	secondary B aquifers and groundwater abstraction points)	dissolved phase contamination Site run-off/drainage				a principal aquifer. Although contamination from these sources could be present in groundwater, it is considered of low likelihood that this would migrate beneath the Site in significant quantities
	Surface watercourses and surface water abstraction points	Leaching from soils and lateral / vertical migration of dissolved phase contamination Site run-off/drainage	Low likelihood	Medium	Moderate/Low	Off-site impact affecting surface watercourses would not be expected to affect the Site significantly

Risk matrix		Consequences			
		Severe	Medium	Mild	Minor
Probability	Highly likely	Very high	High	Moderate	Moderate/low
	Likely	High	Moderate	Moderate/low	Low
	Low likelihood	Moderate	Moderate/low	Low	Very low
	Unlikely	Moderate/low	Low	Very low	Very low

6.3.3 Potentially complete contaminant linkages with a potential risk of moderate to low or higher identified in **Table 10** comprise:

- Moderate to low risk to Site users from on-site contamination sources associated with Scamland Bridge former landfill via: oral, dermal and inhalation exposure with impacted soil, soil vapour and dust;
- Moderate to low risk to Site users due to build up of ground gases generated by waste in historical landfill site at Scamland Bridge: resulting in asphyxiation or explosion;
- Moderate to low risk to groundwater in superficial deposits from on-site contamination sources associated with historical landfill site at Scamland Bridge: resulting in leaching from soils and/or lateral and vertical migration of dissolved phase contamination;
- Moderate to low risk to groundwater in bedrock deposits from on-site contamination associated with historical landfill site at Scamland Bridge: resulting in leaching from soils and/or lateral and vertical migration of dissolved phase contamination;
- Moderate to low risk to groundwater in superficial deposits from off-site contamination associated with former RAF Airfield (Melbourne Raceway): resulting in leaching from soils and/or lateral and vertical migration of dissolved phase contamination;
- Moderate to low risk to groundwater in bedrock deposits from off-site contamination associated with former RAF Airfield (Melbourne Raceway): resulting in leaching from soils and/or lateral and vertical migration of dissolved phase contamination;
- Moderate to low risk to Site users from off-site contamination sources associated with Ellerton Site A and B historical landfill via: oral, dermal and inhalation exposure with impacted soil, soil vapour and dust;
- Moderate to low risk to groundwater in superficial deposits from off-site contamination sources associated with Ellerton Site A and B Site historical landfill: resulting in leaching from soils and/or lateral and vertical migration of dissolved phase contamination; and,
- Moderate to low risk to groundwater in bedrock deposits from off-site contamination sources associated with Ellerton Site A and B Site historical landfill: resulting in leaching from soils and/or lateral and vertical migration of dissolved phase contamination.

6.3.4 These potentially complete contaminant linkages need to be assessed further, which should include requesting additional information relating to the historical landfill Site at Scamland Bridge (if available), and then potentially through appropriate site investigation to target the identified sources of potential contamination and assess the feasibility of identified pathways.

6.4 Data Gaps and Uncertainties

6.4.1 Key data gaps and uncertainties identified in the conceptual site model at desk study stage include:

- On some occasions information may be missed due to gaps between available historical Ordnance Survey maps. However, for the area of the Site for Mylen Leah Solar Farm, there are few changes to field boundaries between successive map editions, and it is considered unlikely that significant features have been missed;
- Not all fields were directly accessible during the Site walkover survey, but it was generally possible to view these fields from adjacent locations and fields have been added to the proposed draft Order Limits since the time of the walkover and have not been directly accessed
- There are no previous investigations available for the Site, therefore no information on concentrations of potential contaminants in soil and groundwater, or any monitoring results relating to hazardous ground gas
- Details are not known relating to groundwater depth and flow direction beyond information available in publicly accessible BGS borehole records
- Potential uncertainties exist relating to climate change impacts, including predicted increases in extreme weather events and/ or predicted long term impacts, for example rising groundwater levels

7. Conclusions and recommendations

7.1 Conclusions

Geo-environmental Assessment

7.1.1 Based on the results of the Preliminary Risk Assessment the contaminant linkages that have been identified to be potentially complete (relevant contaminant linkages) and to require further action are:

- Risks to Site users from direct contact with contamination as a result of:
 - Oral, dermal or inhalation exposure to soil, soil vapour or dust associated with the historical landfill site located at Scamland Bridge (moderate to low risk)
- Risks to groundwater in superficial and bedrock deposits from direct contamination as a result of:
 - Leaching and vertical/lateral migration of dissolved phase contamination from waste in the historical landfill site at Scamland Bridge
 - Leaching and vertical/lateral migration of dissolved phase contamination from waste in the historical landfill site at Melbourne Raceway
 - Leaching and vertical/lateral migration of dissolved phase contamination from waste in the historical landfill site at former Ellerton Site A and B landfill site

7.1.2 Data gaps and uncertainties have been considered within the assessment, and any recommended next steps are provided in the following sections.

Geotechnical Assessment

7.1.3 The key findings of the initial geotechnical assessment are as follows:

- Geotechnical Category 2 has been assigned to the Site for the purposes of designing the geotechnical investigation (this should be reviewed and revised as the project progresses)
- Sudden lateral changes in ground conditions could be present within superficial units
- Highly compressible and low bearing capacity soils (including peat and soft clay) are present
- Silt-rich soils susceptible to rapid loss of strength in wet conditions could be present as described on BGS logs (see **Appendix B**) within superficial units
- There is a possibility of the presence of ground subject to erosion from watercourses, particularly where watercourses are significantly lower than surrounding ground levels
- Infilled or made ground could be present, including embankments, infilled ponds or pits, or in areas around farm buildings or tracks

- A high groundwater table may be present, which should be considered when planning construction works and excavations

7.2 Recommendations

Geo-environmental Assessment

7.2.1 The following recommendations are made for further assessment of the Site to investigate the risks identified above:

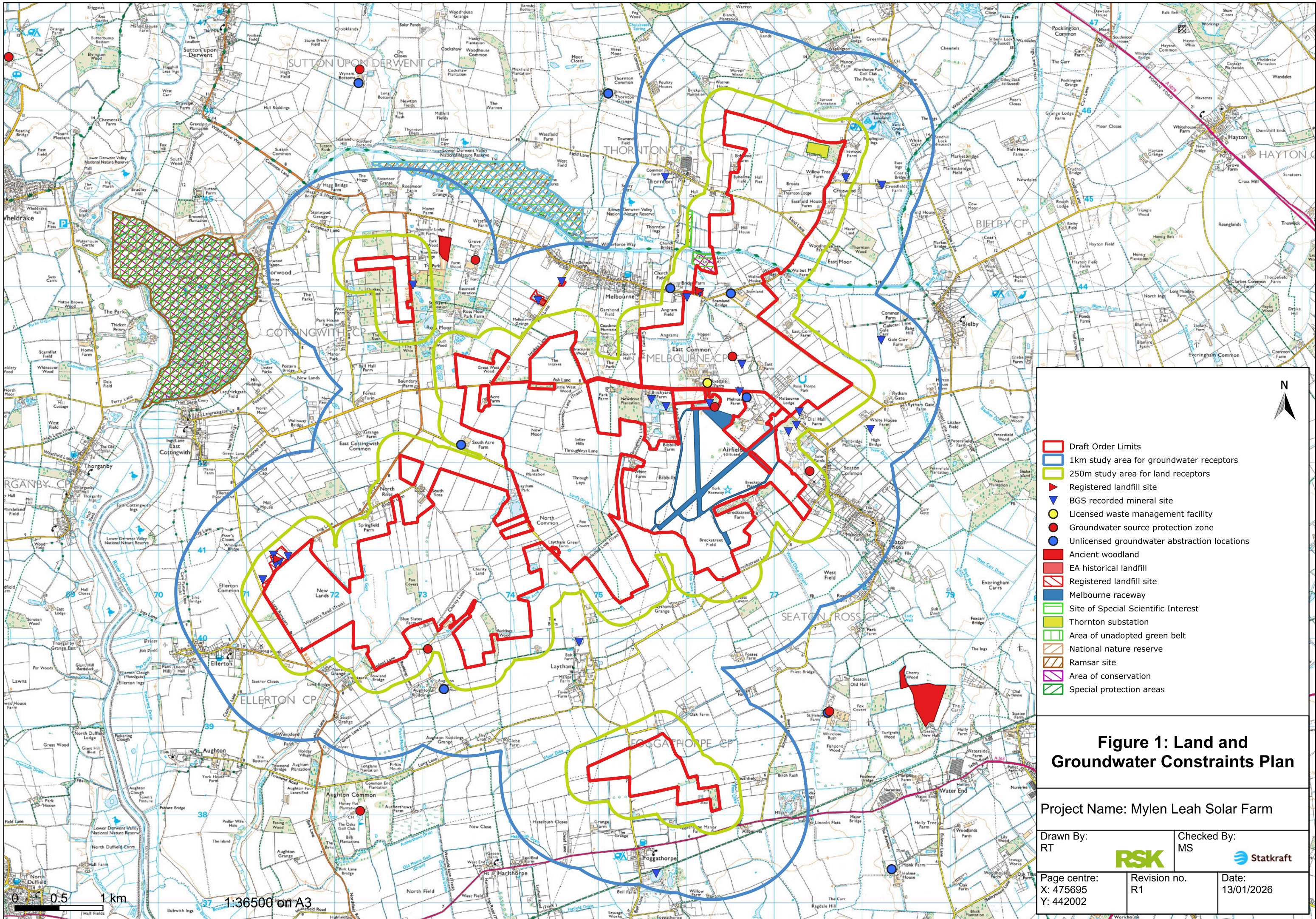
- A Phase 2 intrusive ground investigation should be completed to include, but not necessarily be limited to, the following:
 - Soil sampling (locations to be based on the findings of this assessment, and in line with industry best practice), with appropriate environmental laboratory analysis (suites to be selected based on the findings provided above, and any additional observations during intrusive work)
 - Water sampling of shallow groundwater in areas including but not limited to: Scamland Bridge historical landfill, Ellerton Site A and B historical landfill and Melbourne Airfield.

Geotechnical Assessment

7.2.2 With respect to issues that could affect geotechnical aspects of the proposed development, additional work is recommended to provide Site-specific information.

7.2.3 As part of intrusive ground investigation works for the proposed development, geotechnical in situ and laboratory testing should be incorporated, in order to inform infrastructure and foundation design. This should include an assessment of soil and bedrock types and depths, with additional focus on areas where the ground will be more heavily loaded. The geotechnical investigation should be developed in consultation with the project design team to ensure that all necessary areas are assessed for the intended end-use.

Figure 1 Land and Groundwater Constraints Plan



- Draft Order Limits
- 1km study area for groundwater receptors
- 250m study area for land receptors
- ▲ Registered landfill site
- ▼ BGS recorded mineral site
- Licensed waste management facility
- Groundwater source protection zone
- Unlicensed groundwater abstraction locations
- Ancient woodland
- EA historical landfill
- Registered landfill site
- Melbourne raceway
- Site of Special Scientific Interest
- Thornton substations
- Area of undadopted green belt
- National nature reserve
- Ramsar site
- Area of conservation
- Special protection areas

Figure 1: Land and Groundwater Constraints Plan

Project Name: Mylen Leah Solar Farm

Drawn By:
RT

Checked By:
MS



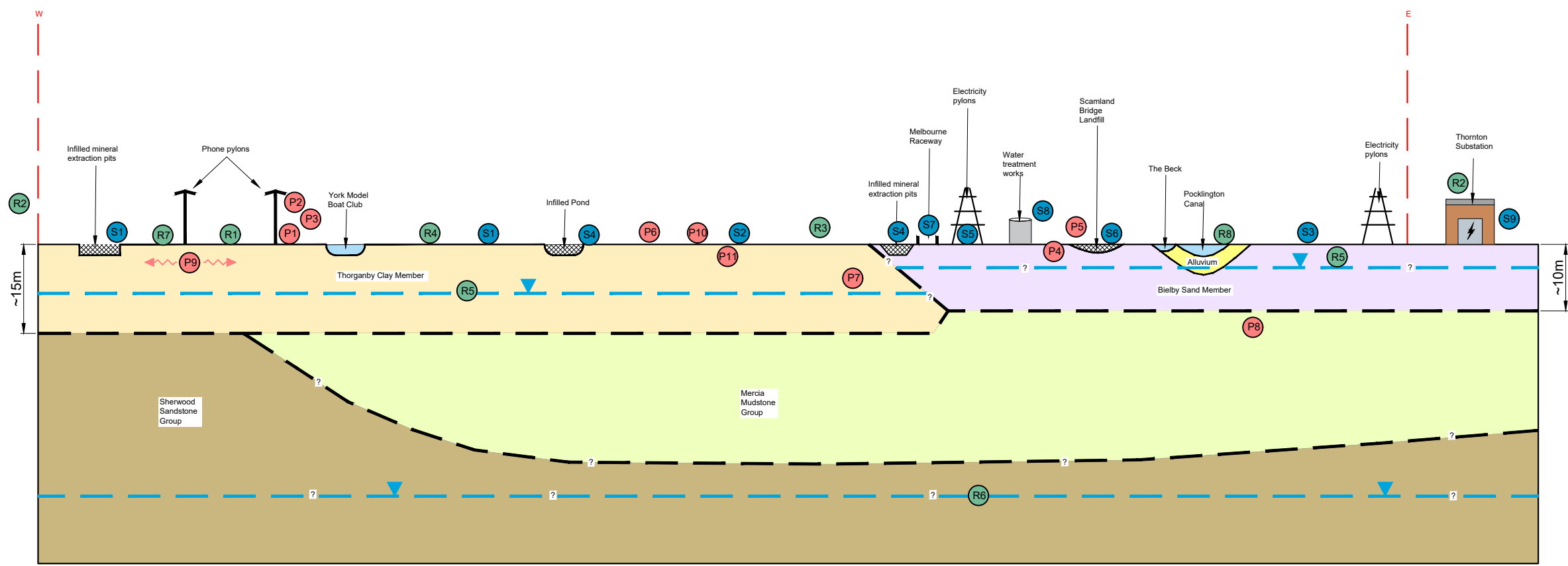
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X: 475695
Y: 442002

Revision no.
R1

Date:
13/01/2026

Figure 2 Initial Conceptual Site Model





- LEGEND**
- Sources
 - Receptors
 - Pathways
 - Alluvium
 - Thorganby Clay Member
 - Bielby Sand Member
 - Mercia Mudstone Group
 - Sherwood Sandstone Group

Potential Sources of Contamination

- On-site**
- S1 Agricultural Land Use
 - S2 Storage of fuel, oil or chemicals
 - S3 Stored or fly-tipped waste materials
 - S4 Backfilled material in historical ponds or pits
 - S5 Made ground (i.e. fill material)
 - S6 Historical landfill at Scamland Bridge
- Off-site**
- S7 Melbourne Raceway (former airfield) - fuels, oils, chemicals, made ground
 - S8 Water treatment works
 - S9 Thornton Substation

Sensitive Receptors

- R1 Current/ future site users - agricultural/construction/maintenance site workers
- R2 Current adjacent site users - residential, agricultural, industrial site users
- R3 Current/ future buildings and services
- R4 Existing/ future vegetation
- R5 Groundwater in secondary undifferentiated and unproductive aquifers within superficial deposits
- R6 Groundwater within bedrock deposits, classified as a principal and secondary B aquifer
- R7 Groundwater abstraction points present across the site [lateral migration of dissolved phase contamination]
- R8 Surface watercourses (numerous drains and ditches on and close to site, watercourses including Pocklington Canal)

Pathways

- P1 Oral, dermal and inhalation exposure with impacted soil, soil vapour and dust
- P2 Migration of contamination via dust/fibre deposition
- P3 Inhalation of vapours from groundwater
- P4 Chemical attack
- P5 Migration and build-up of hazardous ground gases, potentially followed by asphyxiation or explosion
- P6 Root uptake
- P7 Leaching from soils
- P8 Percolation through permeable strata to aquifer
- P9 lateral / vertical migration of dissolved phase contamination
- P10 Site run off
- P11 Site drainage

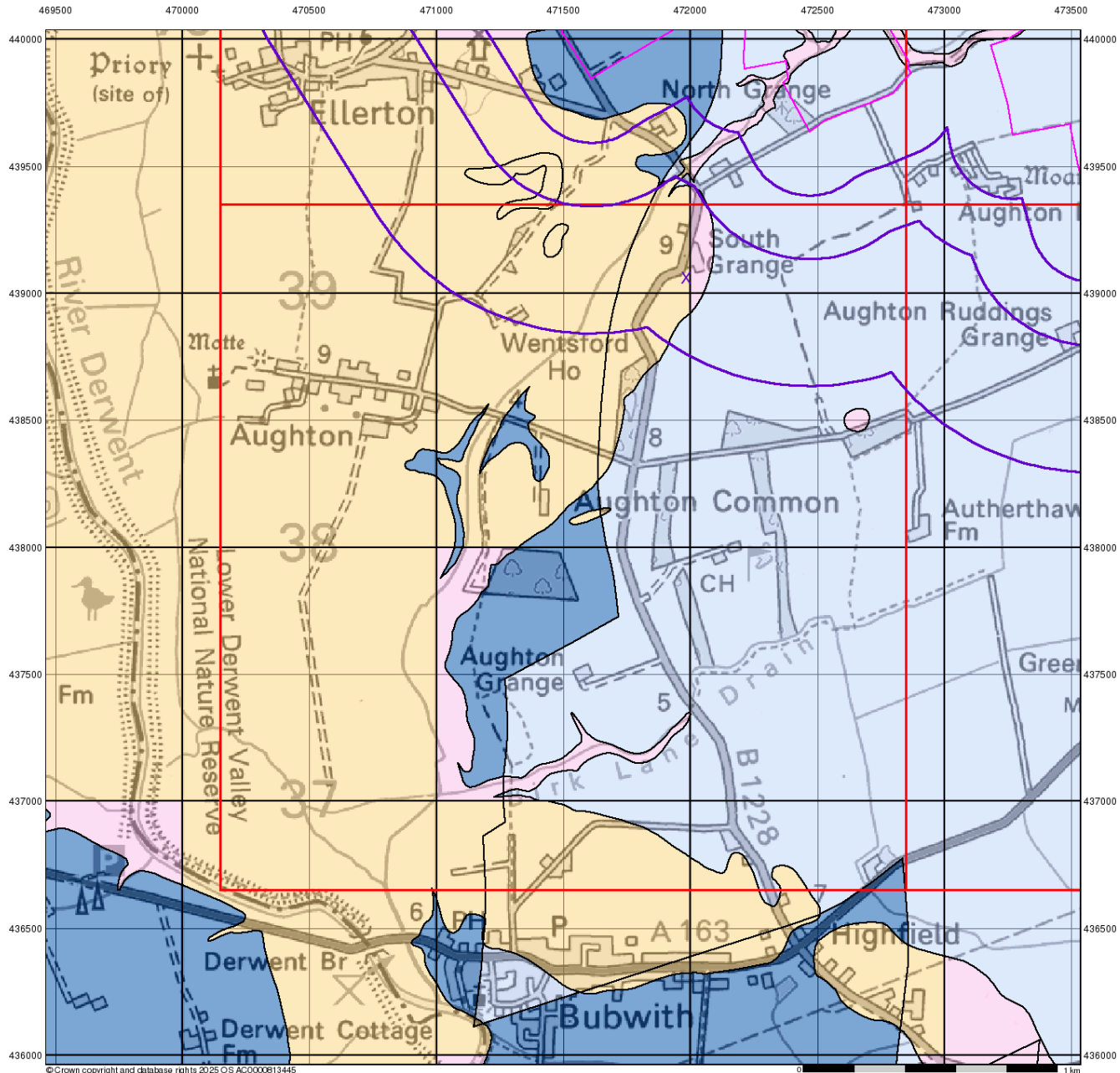
Figure 2: Initial Conceptual Site Model

Project Name: Mylen Leah Solar Farm

Drawn By: MW
 Checked By: MS

Page size: A3
 Revision no: R1
 Date: 13/01/2026

Appendix A Envirocheck Report



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Groundwater Vulnerability

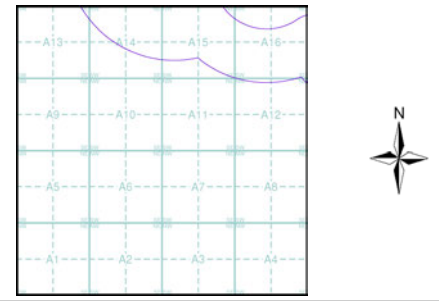
General

- ◇ Specified Site
- ⬭ Specified Buffer(s)
- ✕ Bearing Reference Point
- Slice
- B Map ID

Agency and Hydrological

- | Bedrock Aquifers | Superficial Aquifers |
|--|--|
| ■ High Vulnerability, Principal Aquifer | ■ High Vulnerability, Principal Aquifer |
| ■ High Vulnerability, Secondary Aquifer | ■ High Vulnerability, Secondary Aquifer |
| ■ Medium Vulnerability, Principal Aquifer | ■ Medium Vulnerability, Principal Aquifer |
| ■ Medium Vulnerability, Secondary Aquifer | ■ Medium Vulnerability, Secondary Aquifer |
| ■ Low Vulnerability, Principal Aquifer | ■ Low Vulnerability, Principal Aquifer |
| ■ Low Vulnerability, Secondary Aquifer | ■ Low Vulnerability, Secondary Aquifer |
| ■ Unproductive Aquifer | |
| ⋯ Soluble Rock | |

Site Sensitivity Context Map - Slice A



Order Details

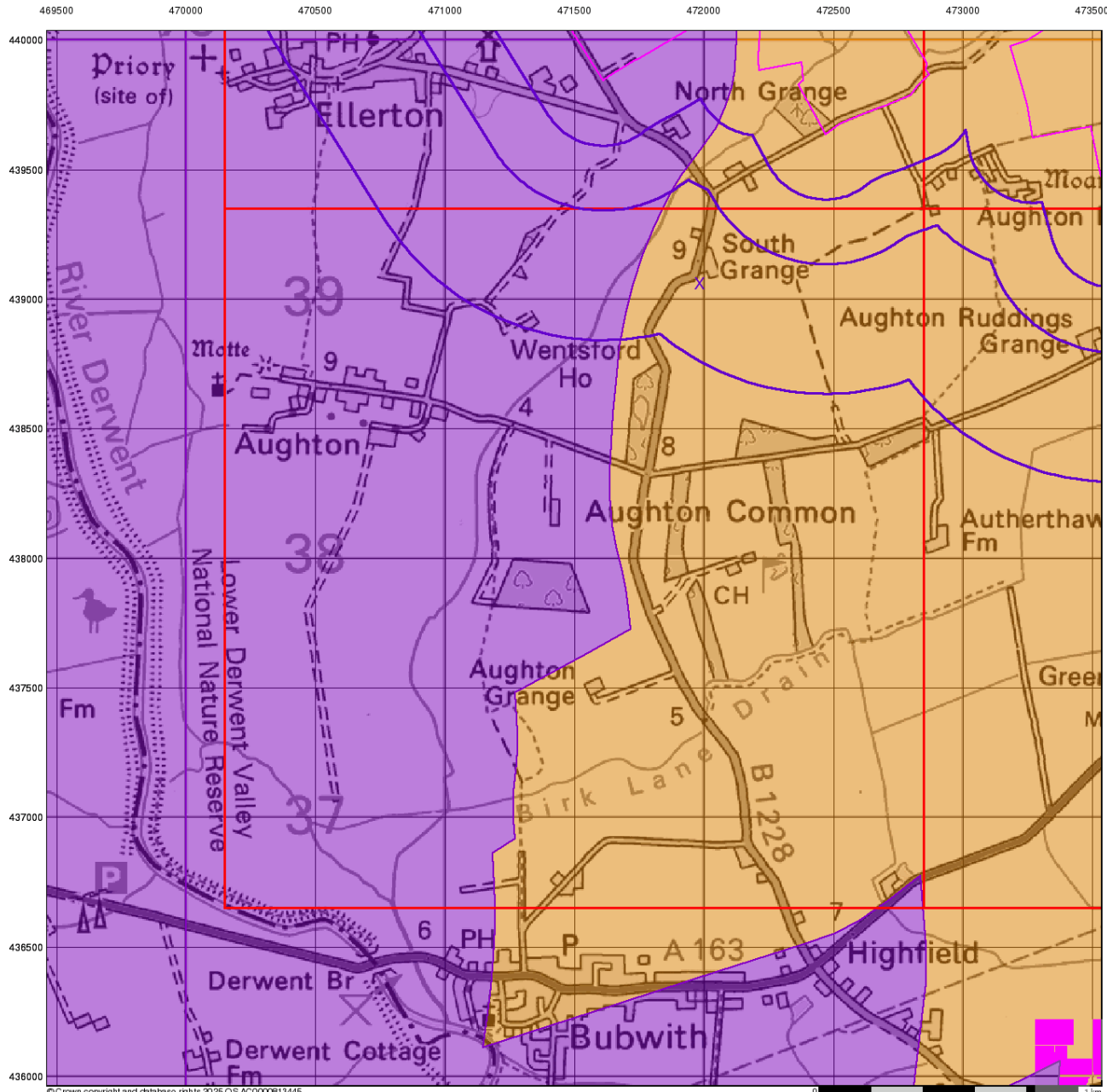
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 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

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Bedrock Aquifer Designation

General

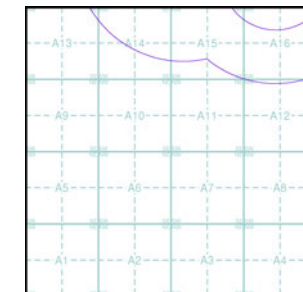
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- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Map ID

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

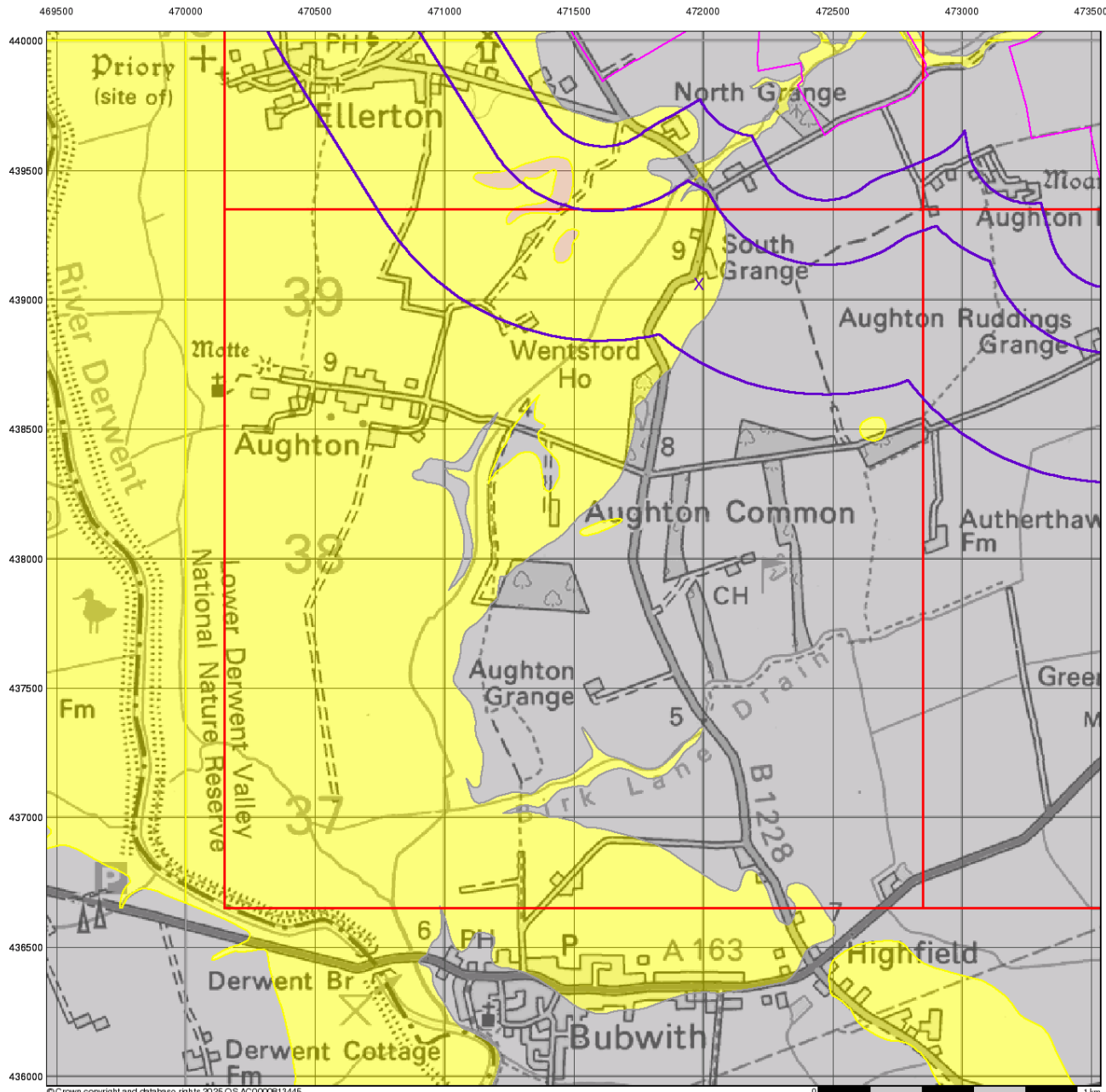
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Superficial Aquifer Designation

General

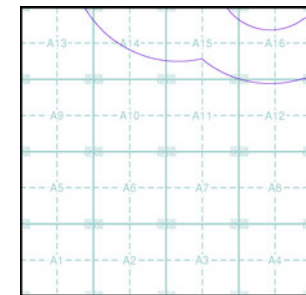
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- Map ID

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

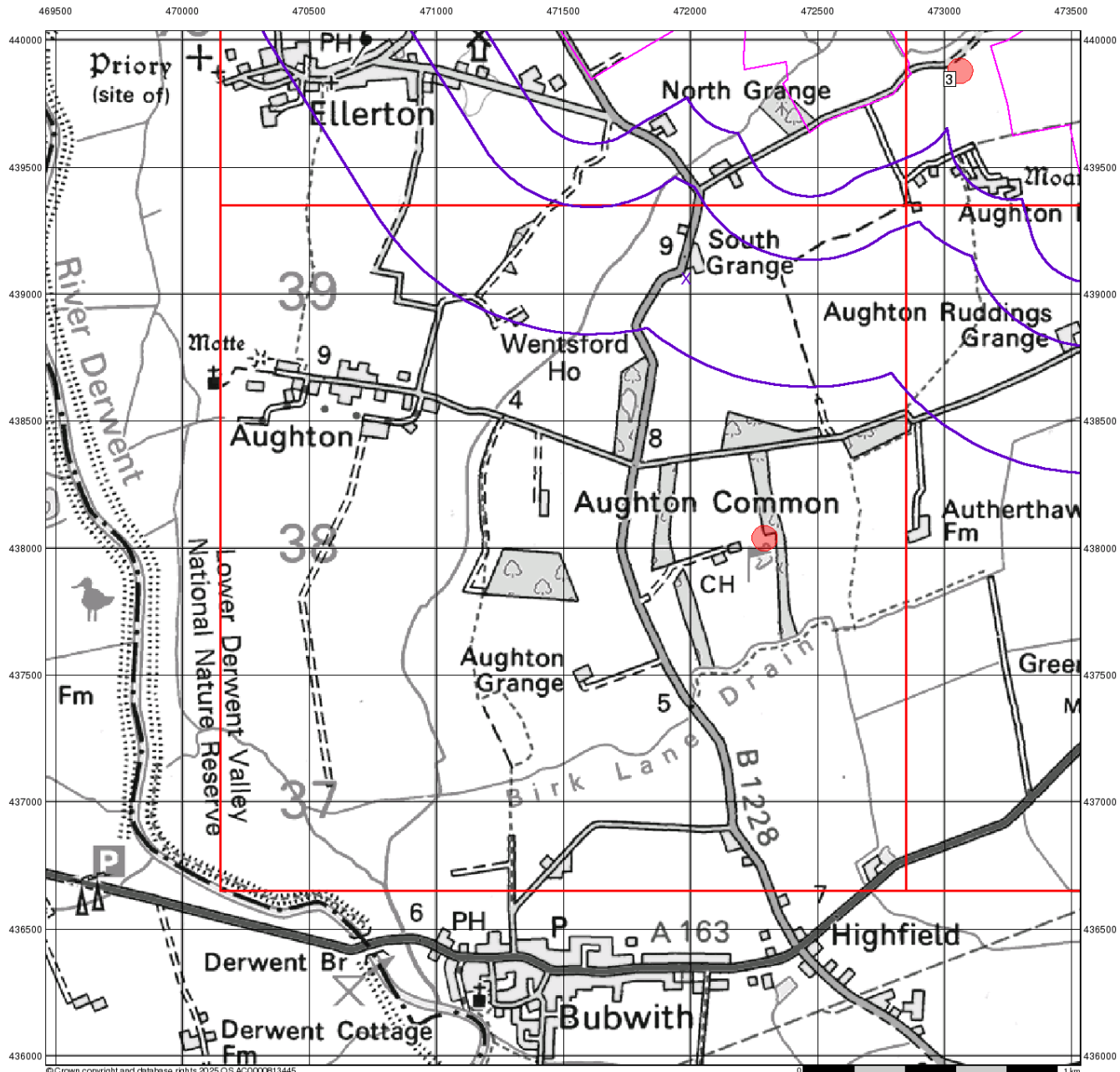
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Source Protection Zones

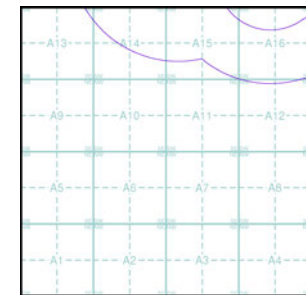
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

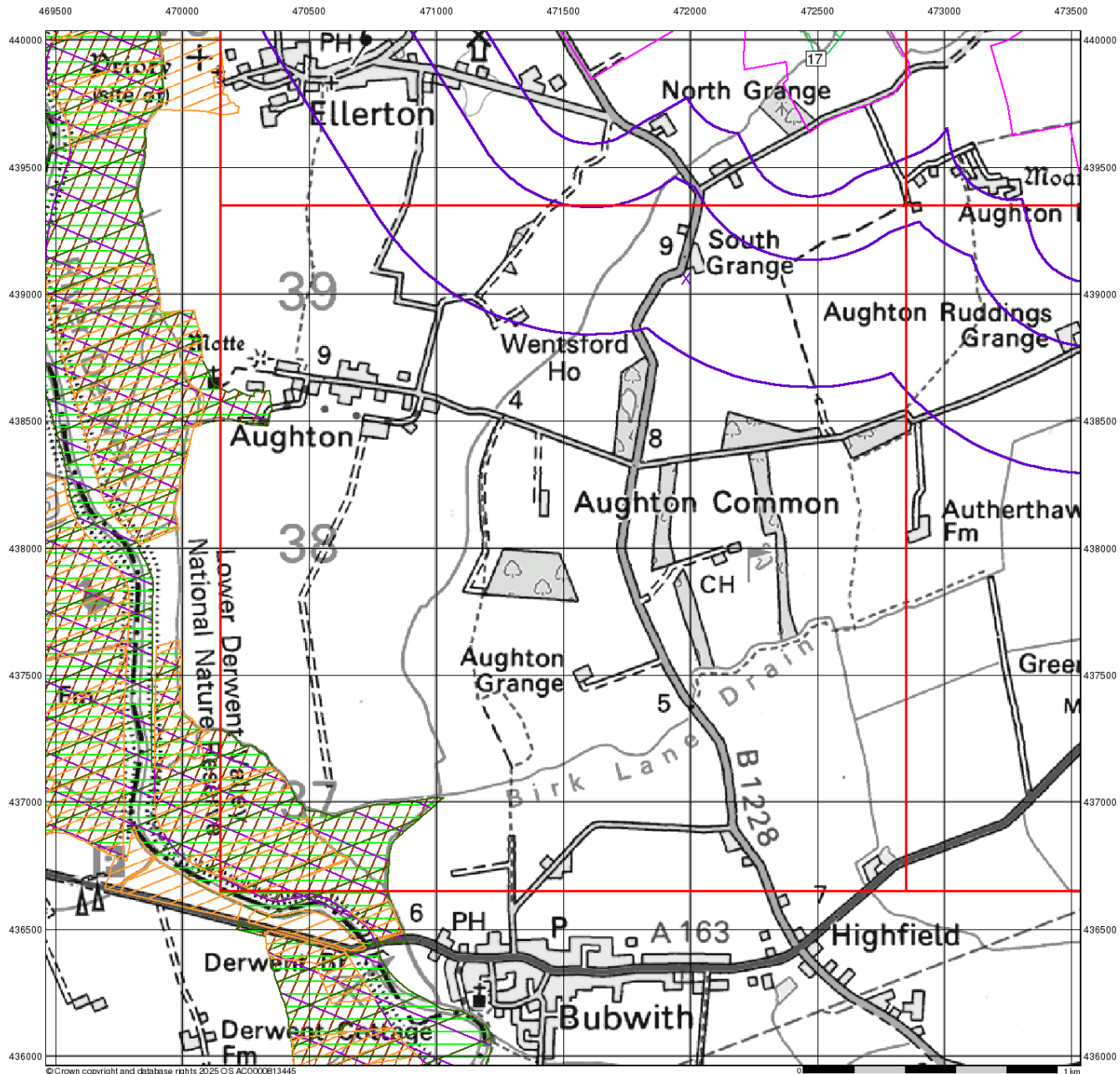
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Sensitive Land Uses

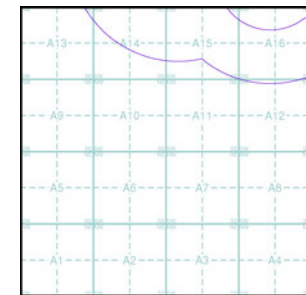
General

- 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

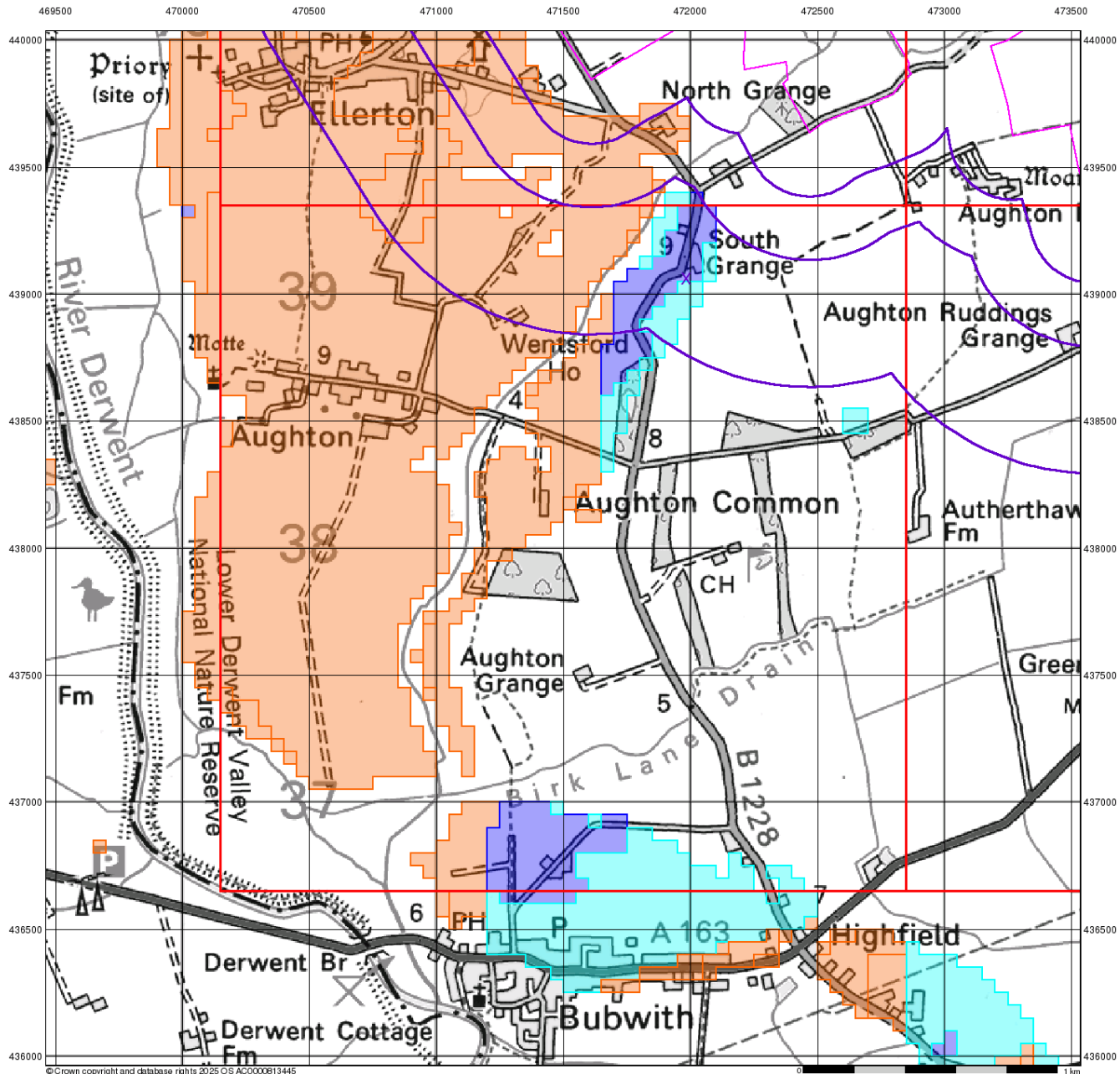
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BGS Flood GFS Data

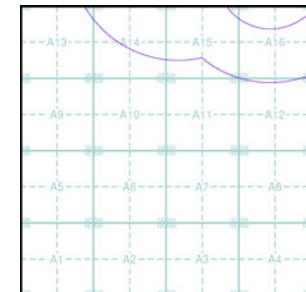
General

- 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: 370061200_1_1
 Customer Ref: P02153163
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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

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Customer Reference:

P02153163

National Grid Reference:

471980, 439060

Slice:

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Site Area (Ha):

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Search Buffer (m):

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Site Details:

Mylen Leah

Client Details:



Report Section	Page Number
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Hazardous Substances	-
Geological	14
Industrial Land Use	-
Sensitive Land Use	16
Data Currency	17
Data Suppliers	23
Useful Contacts	24

Introduction

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

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Radon Potential dataset Copyright Notice

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

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Report Version v53.0

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Discharge Consents					
Prosecutions					
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
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Nearest Surface Water Feature	pg 1		Yes		
Pollution Incidents to Controlled Waters					
Historical Prosecutions					
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Extreme Flooding from Rivers or Sea without Defences	pg 10	Yes		n/a	n/a
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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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Licensed Waste Management Facilities (Locations)					
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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 14	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 14	Yes			Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
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Mining Instability			n/a	n/a	n/a
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Potential for Compressible Ground Stability Hazards	pg 14	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 15	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 15	Yes		n/a	n/a
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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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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	(NW)	0	1	471500 440050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	471500 440100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (W)	139	1	471750 439150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	160	1	471450 439750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	181	1	471985 439650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	309	1	471100 439550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	460	1	471900 439400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (SE)	467	1	471985 439061
	Nearest Surface Water Feature	A16NW (NE)	210	-	472503 439312
1	Substantiated Pollution Incident Register Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 21st August 2001 Incident Reference: 25752 Water Impact: Category 1 - Major Incident Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Organic Chemicals/Products: Other Organic Chemical Or Product	A16SE (E)	934	2	472811 438767
2	Water Abstractions Operator: Rolawn Ltd Licence Number: Ne/026/0034/052 Permit Version: 1 Location: Borehole - Sherwood Sandstone - Ellerton Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 30 November Permit Start Date: 11th December 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (W)	864	2	470910 439340
2	Water Abstractions Operator: Rolawn Ltd Licence Number: Ne/026/0034/008 Permit Version: 6 Location: Borehole - Sherwood Sandstone - Ellerton Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 30 November Permit Start Date: 15th June 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (W)	864	2	470910 439340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Water Abstractions Operator: Rolawn Ltd Licence Number: Ne/026/0034/008 Permit Version: 5 Location: Borehole - Sherwood Sandstone - Ellerton Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 30 November Permit Start Date: 21st July 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (W)	864	2	470910 439340
2	Water Abstractions Operator: Rolawn Ltd Licence Number: Ne/026/0034/008 Permit Version: 4 Location: Borehole - Sherwood Sandstone - Ellerton Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 30 November Permit Start Date: 6th June 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (W)	864	2	470910 439340
2	Water Abstractions Operator: Rolawn Ltd Licence Number: Ne/026/0034/008 Permit Version: 3 Location: Borehole - Sherwood Sandstone - Ellerton Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 30 November Permit Start Date: 20th August 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (W)	864	2	470910 439340
2	Water Abstractions Operator: Rolawn Ltd Licence Number: Ne/026/0034/008 Permit Version: 2 Location: Borehole - Sherwood Sandstone - Ellerton Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 30 November Permit Start Date: 26th March 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (W)	864	2	470910 439340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Water Abstractions</p> <p>Operator: Rolawn Ltd Licence Number: Ne/026/0034/008 Permit Version: 1 Location: Borehole - Sherwood Sandstone - Ellerton Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 30 November Permit Start Date: 1st October 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A14NW (W)	864	2	470910 439340
2	<p>Water Abstractions</p> <p>Operator: Rolawn Ltd Licence Number: 2/27/28/256 Permit Version: 2 Location: Borehole - Sherwood Sandstone - Ellerton Authority: Environment Agency, North East Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Derwent Hosue Farm, Aughton, York Authorised Start: 01 March Authorised End: 30 November Permit Start Date: 2nd May 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A14NW (W)	864	2	470910 439340
2	<p>Water Abstractions</p> <p>Operator: Rolawn (Turf Growers) Ltd Licence Number: 2/27/28/256 Permit Version: 1 Location: Borehole - Sherwood Sandstone - Ellerton Authority: Environment Agency, North East Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Derwent Hosue Farm, Aughton, York Authorised Start: 01 March Authorised End: 30 November Permit Start Date: 21st June 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A14NW (W)	864	2	470910 439340
	<p>Water Abstractions</p> <p>Operator: E R Nutt & Sons Licence Number: Ne/027/0028/035 Permit Version: 1 Location: Borehole - Sherwood Sandstone - Aughton Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Derwent House Farm, Aughton, York Authorised Start: 01 March Authorised End: 30 November Permit Start Date: 1st April 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13SE (W)	1472	2	470641 438737

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: E R Nutt & Sons Licence Number: 2/27/28/235 Permit Version: 1 Location: Borehole - Sherwood Sandstone - Aughton Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Derwent House Farm, Aughton, York Authorised Start: 01 March Authorised End: 30 November Permit Start Date: 11th October 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13SE (W)	1484	2	470630 438730
	<p>Water Abstractions</p> <p>Operator: E R Nutt & Sons Licence Number: 2/27/28/262/R01 Permit Version: 1 Location: Borehole - Sherwood Sandstone - Aughton Authority: Environment Agency, North East Region Abstraction: Golf Courses: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Oaks Golf Club, Aughton Common, Aughton, York Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12SW (S)	1606	2	472290 438040
	<p>Water Abstractions</p> <p>Operator: E R Nutt & Sons Licence Number: 2/27/28/262/R01 Permit Version: 1 Location: Borehole - Sherwood Sandstone - Aughton Authority: Environment Agency, North East Region Abstraction: Golf Courses: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Oaks Golf Club, Aughton Common, Aughton, York Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12SW (S)	1606	2	472290 438040
	<p>Water Abstractions</p> <p>Operator: E R Nutt & Sons Licence Number: 2/27/28/262 Permit Version: 2 Location: Borehole - Sherwood Sandstone - Aughton Authority: Environment Agency, North East Region Abstraction: Golf Courses: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Oaks Golf Club, Aughton Common, Aughton, York Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 5th June 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12SW (S)	1606	2	472290 438040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: E R Nutt & Sons Licence Number: 2/27/28/262 Permit Version: 2 Location: Borehole - Sherwood Sandstone - Aughton Authority: Environment Agency, North East Region Abstraction: Golf Courses: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Oaks Golf Club, Aughton Common, Aughton, York Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 5th June 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12SW (S)	1606	2	472290 438040
	<p>Water Abstractions</p> <p>Operator: E R Nutt & Sons Licence Number: 2/27/28/262 Permit Version: 1 Location: Borehole - Sherwood Sandstone - Aughton Authority: Environment Agency, North East Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Oaks Golf Club, Aughton Common, Aughton, York Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 4th April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12SW (S)	1606	2	472290 438040
	<p>Water Abstractions</p> <p>Operator: E R Nutt & Sons Licence Number: 2/27/28/173 Permit Version: 100 Location: Borehole - Sherwood Sandstone - Aughton Authority: Environment Agency, North East Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 300 Yearly Rate (m3): 16000 Details: The Oaks Golf Club, Aughton Common, Aughton, York Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 12th March 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A12SW (S)	1606	2	472290 438040
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	(NE)	0	3	473000 440000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	(NE)	0	3	472849 439890
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	(N)	0	3	472015 439436
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	(NW)	0	3	471465 440048
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	(NE)	0	3	472452 440000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	(NE)	0	3	472558 440000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	(NE)	0	3	473092 440000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Principle Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	(N)	0	3	471867 439401
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	A15NE (E)	0	3	472065 439035

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(NE)	0	3	472498 439989
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(N)	0	3	472000 439535
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(E)	0	3	473000 439061
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Principle Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Mixed</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(N)	0	3	471985 440000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(N)	0	3	472000 440000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(NE)	0	3	472490 440000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(N)	0	3	472125 440000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(NE)	0	3	472595 440000
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	(N)	0	3	471985 440000
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A15NW (W)	0	3	471754 439137
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A15NE (SE)	0	3	471985 439061

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(N)	0	3	472125 440000
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A15NE (E)	0	3	472065 439035
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(NE)	0	3	472498 439989
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(N)	0	3	471867 439401
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(N)	0	3	471985 440000
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(NE)	0	3	472595 440000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	3	471465 440048
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NE)	0	3	473092 440000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NE)	0	3	472452 440000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NE)	0	3	472558 440000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NE)	0	3	472849 439890
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A15NE (SE)	0	3	471985 439061
3	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	(NE)	95	2	473022 439847
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A15NE (NW)	0	2	471842 439180
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
4	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 476.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pinholes Drain Catchment Name: Derwent Humber Primacy: 1	A16NW (NE)	96	4	472503 439312

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: Underground Permanent: True Watercourse Name: Pinholes Drain Catchment Name: Derwent Humber Primacy: 1	A16NE (E)	430	4	472631 439235
6	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pinholes Drain Catchment Name: Derwent Humber Primacy: 1	A16NE (E)	433	4	472632 439231
7	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 264.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Derwent Humber Primacy: 1	A16NE (E)	435	4	472640 439213
8	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Firkin Mouth Drain Catchment Name: Derwent Humber Primacy: 1	A16NE (E)	436	4	472633 439230
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: Underground Permanent: True Watercourse Name: Firkin Mouth Drain Catchment Name: Derwent Humber Primacy: 1	A16NE (E)	438	4	472633 439229
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Firkin Mouth Drain Catchment Name: Derwent Humber Primacy: 1	A16NE (E)	441	4	472634 439225
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Firkin Mouth Drain Catchment Name: Derwent Humber Primacy: 1	A16NE (E)	443	4	472633 439224
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 0.6 Watercourse Level: Underground Permanent: True Watercourse Name: Firkin Mouth Drain Catchment Name: Derwent Humber Primacy: 1	A16NE (E)	443	4	472633 439224
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Firkin Mouth Drain Catchment Name: Derwent Humber Primacy: 1	A16NE (E)	456	4	472640 439213

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 358.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Derwent Humber Primacy: 1	A16NE (E)	505	4	472766 439038
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1876.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bottoms Drain Catchment Name: Derwent Humber Primacy: 1	A15NW (NW)	526	4	471788 439185
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 553.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Firkin Mouth Drain Catchment Name: Derwent Humber Primacy: 1	A16NE (E)	668	4	472766 439038
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Birk Lane Drain Catch (trib of Derwent) WaterBody ID: GB104027063430 Operational Catchment: Derwent Lower Yorkshire Management Catchment: Derwent Humber Catchment Name: Yorkshire Derwent	A15NE (SE)	0	2	471985 439061
	Water Framework Directive - Groundwater Waterbody Name: Derwent Sherwood Sandstone Waterbody ID: GB40401G700600 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40401G700600 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Good Year: 2019	A15NE (SE)	0	2	471985 439061

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Local Authority Landfill Coverage</p> <p>Name: East Riding of Yorkshire Unitary Authority - Has no landfill data to supply</p>		0	5	471985 439061

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A15NE (SE)	0	1	471985 439061
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A15SE (SE)	0	1	472097 439010
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A15NE (SE)	0	1	471985 439061
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A15SW (W)	843	1	471712 439000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A15SE (S)	909	1	472000 438857
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15NE (SE)	0	1	471985 439061
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15NW (NW)	0	1	471768 439202
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15NW (NW)	0	1	471827 439163
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A15NW (NW)	0	1	471827 439163

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A15NW (NW)	0	1	471768 439202
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A15NE (SE)	0	1	471985 439061
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15NE (SE)	0	1	471985 439061
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15NE (SE)	0	1	471985 439061
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15NE (SE)	0	1	471985 439061
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15NW (NW)	0	1	471827 439163
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15NW (NW)	134	1	471768 439202
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15NE (E)	0	1	472065 439035
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15NW (NW)	134	1	471768 439202
	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	A15NE (SE)	0	1	471985 439061
	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	A15NE (SE)	0	1	471985 439061

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p>Nitrate Vulnerable Zones</p> <p>Name: Blackfoss Bk Lower Catch (Trib Of Pocklington Bk) Nvz</p> <p>Description: Surface Water</p> <p>Source: Environment Agency, Head Office</p>	(NE)	0	2	472494 439927

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Cumberland Council Environment Agency - Head Office East Riding of Yorkshire Council - Public Protection Division Selby District Council (now part of North Yorkshire Council) - Environmental Health	December 2019 November 2023 October 2017 September 2017	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North East Region	October 2024	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	
Integrated Pollution Controls Environment Agency - North East Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North East Region	October 2024	Quarterly
Local Authority Integrated Pollution Prevention And Control East Riding of Yorkshire Council - Public Protection Division Cumberland Council Selby District Council (now part of North Yorkshire Council) - Environmental Health	December 2020 February 2015 July 2024	Variable Variable Variable
Local Authority Pollution Prevention and Controls East Riding of Yorkshire Council - Public Protection Division Cumberland Council Selby District Council (now part of North Yorkshire Council) - Environmental Health	December 2020 February 2015 July 2024	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Cumberland Council Selby District Council (now part of North Yorkshire Council) - Environmental Health East Riding of Yorkshire Council - Public Protection Division	February 2015 July 2024 November 2014	Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	November 2024	
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	
Historical Prosecutions Environment Agency, North East Region	March 2013	Not Applicable
Registered Radioactive Substances Environment Agency - Head Office Environment Agency - North East Region	May 2023 May 2023	
Substantiated Pollution Incident Register Environment Agency - North East Region - Dales Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	October 2024 October 2024 October 2024	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	October 2024	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified

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

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	October 2024	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Dales Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	November 2024 November 2024 November 2024	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Dales Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	October 2024 October 2024 October 2024	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage East Riding of Yorkshire Council - Public Protection Division North Yorkshire County Council Selby District Council (now part of North Yorkshire Council) - Environmental Health Cumberland Council	February 2003 February 2003 February 2003 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Cumberland Council East Riding of Yorkshire Council - Public Protection Division North Yorkshire County Council Selby District Council (now part of North Yorkshire Council) - Environmental Health	August 2006 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North East Region - Dales Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Dales Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Dales Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	September 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Cumberland Council Selby District Council (now part of North Yorkshire Council) North Yorkshire County Council East Riding of Yorkshire Council	February 2016 February 2016 October 2007 October 2015	Variable Variable Annual Rolling Update Variable
Planning Hazardous Substance Consents Cumberland Council Selby District Council (now part of North Yorkshire Council) North Yorkshire County Council East Riding of Yorkshire Council	February 2016 February 2016 October 2007 October 2015	Variable Variable Annual Rolling Update Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	March 2024	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	November 2024	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2024	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	December 2024	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	February 2024	Quarterly
Points of Interest - Commercial Services PointX	December 2024	Quarterly
Points of Interest - Education and Health PointX	December 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2024	Quarterly
Points of Interest - Public Infrastructure PointX	December 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	November 2024	Bi-Annually
Areas of Adopted Green Belt Cumberland Council East Riding of Yorkshire Council - Planning Department Selby District Council (now part of North Yorkshire Council)	July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Cumberland Council East Riding of Yorkshire Council - Planning Department Selby District Council (now part of North Yorkshire Council)	July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	November 2024	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	August 2024	Bi-Annually
Marine Nature Reserves Natural England	February 2025	Bi-Annually
National Nature Reserves Natural England	January 2025	Bi-Annually
National Parks Natural England	September 2024	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 November 2024	Annually
Ramsar Sites Natural England	February 2025	Bi-Annually
Sites of Special Scientific Interest Natural England	November 2024	Bi-Annually
Special Areas of Conservation Natural England	January 2025	Bi-Annually
Special Protection Areas Natural England	November 2024	Bi-Annually

A selection of organisations who provide data within this report


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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	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.co.uk
5	East Riding of Yorkshire Council - Public Protection Division Council Offices, Church Street, GOOLE, East Riding Of Yorks, DN14 5BG	Telephone: 08457 887700 Fax: 01482 396104 Website: www.eastriding.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 5-6 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
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk







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

Geology 1:50,000 Maps Legends




Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Peat And Silt	Not Supplied - Holocene
	SKIS	Skipwith Sand Member	Sand, Clayey, Gravelly	Not Supplied - Devensian
	THOR	Thorganby Clay Member	Clay, Silty	Not Supplied - Devensian
	THOR	Thorganby Clay Member	Clay	Not Supplied - Devensian
	SKIS	Skipwith Sand Member	Sand, Clayey	Not Supplied - Devensian
	LHF	Lawns House Farm Sand Member	Sand, Silty	Not Supplied - Devensian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MMG	Mercia Mudstone Group	Mudstone	Not Supplied - Early Triassic
	SSG	Sherwood Sandstone Group	Sandstone	Not Supplied - GUADALUPIAN
		Faults		



Geology 1:50,000 Maps

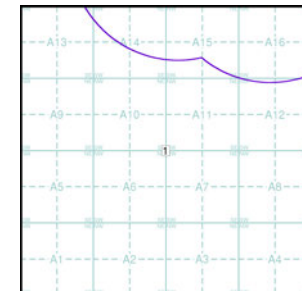
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	071
Map Name:	Selby
Map Date:	2008
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A

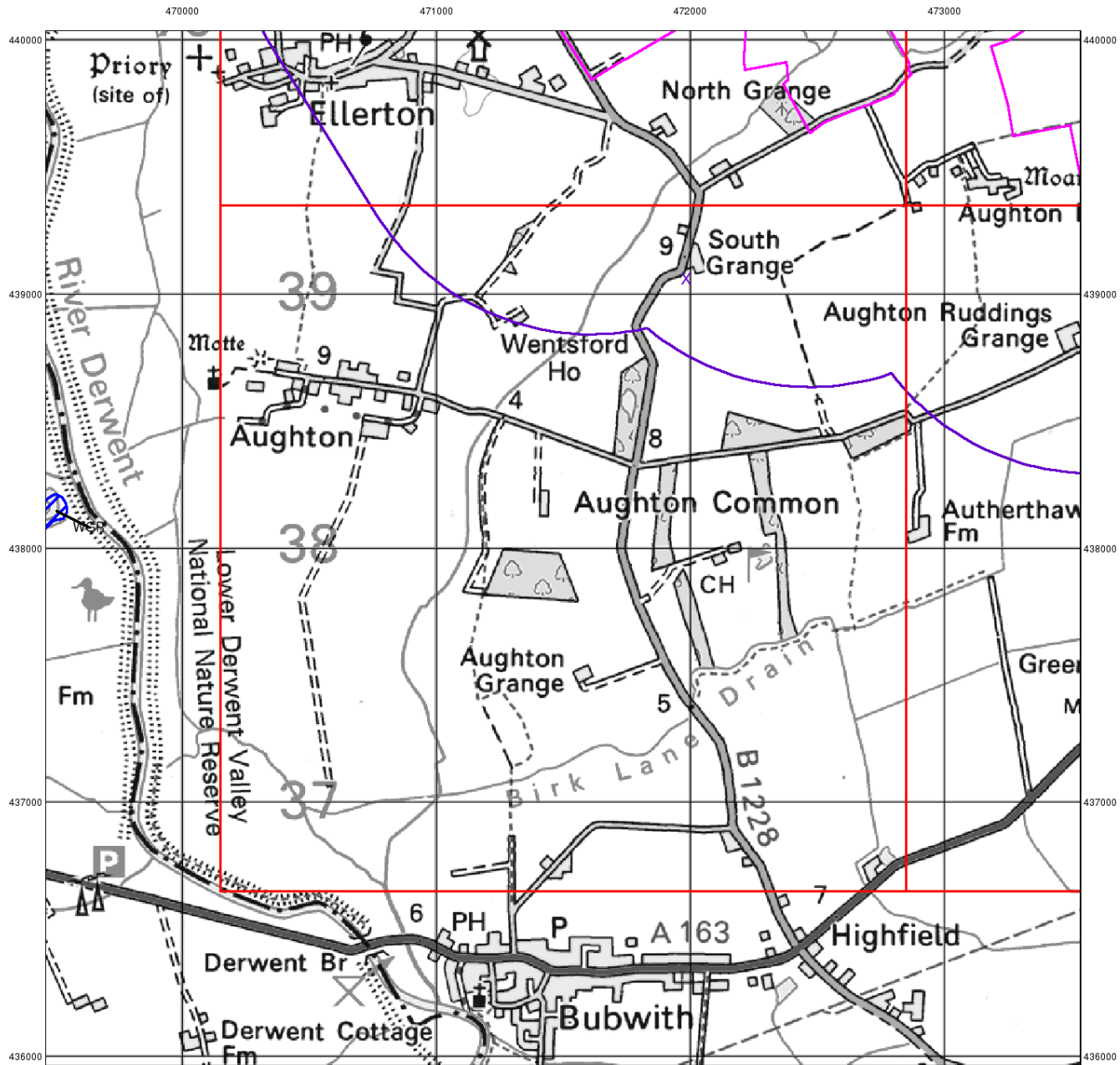


Order Details:

Order Number:	370061200_1_1
Customer Reference:	P02153163
National Grid Reference:	471980, 439060
Slice:	A
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details:

Mylon Leah



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Artificial Ground and Landslip

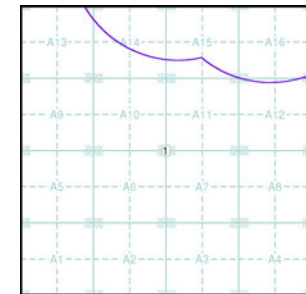
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

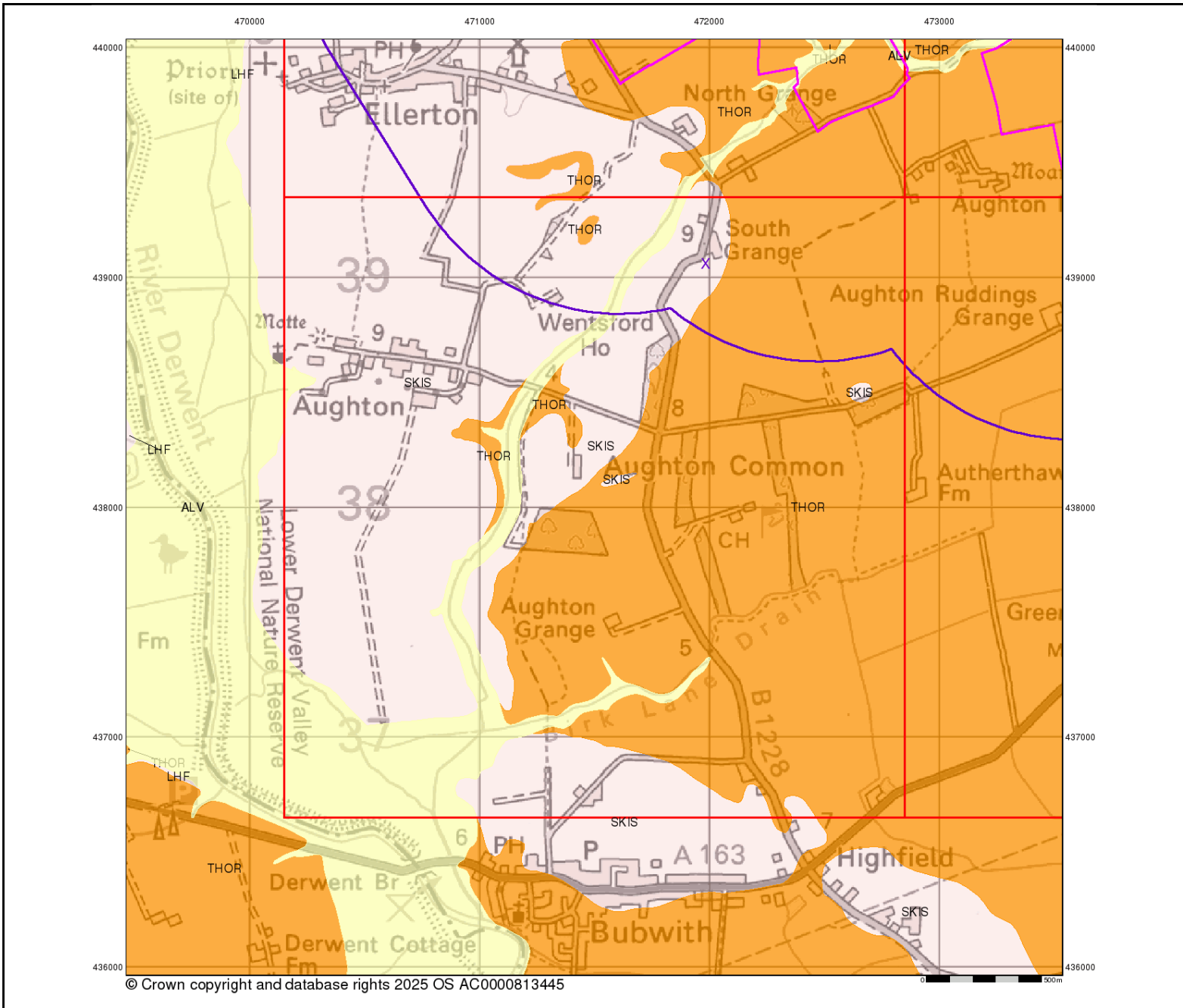
Order Number: 370061200_1_1
 Customer Reference: P02153163
 National Grid Reference: 471980, 439060
 Slice: A
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details:

Mylen Leah



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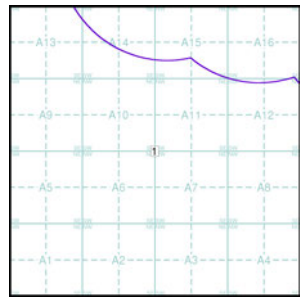
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

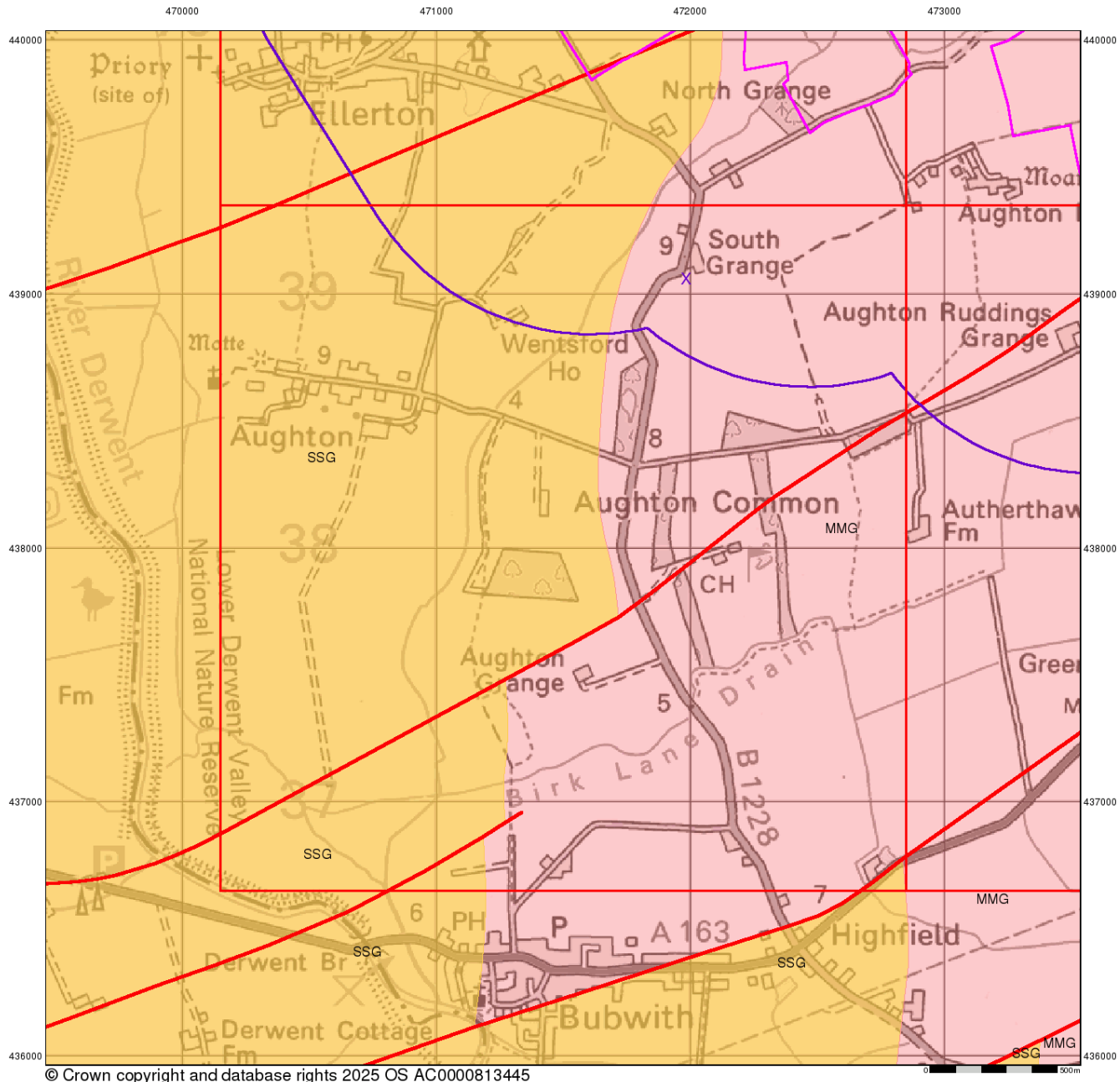
Order Number: 370061200_1_1
 Customer Reference: P02153163
 National Grid Reference: 471980, 439060
 Slice: A
 Site Area (Ha): 1888.5
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Bedrock and Faults

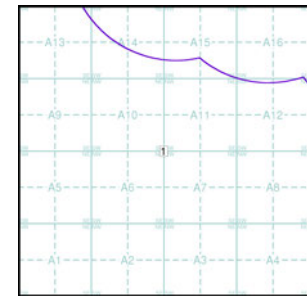
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

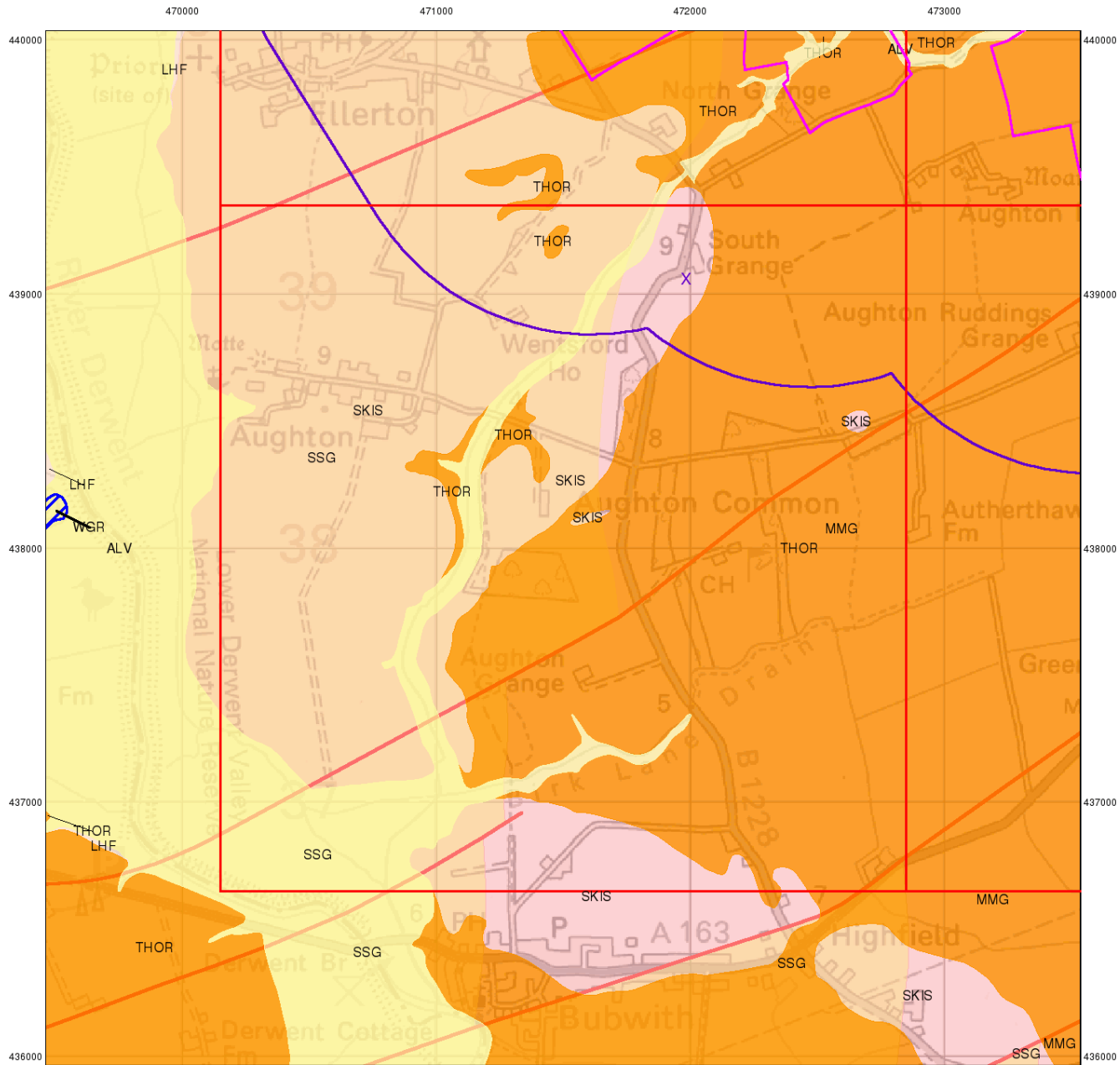
Order Number: 370061200_1_1
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 National Grid Reference: 471980, 439060
 Slice: A
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Combined Surface Geology

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

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

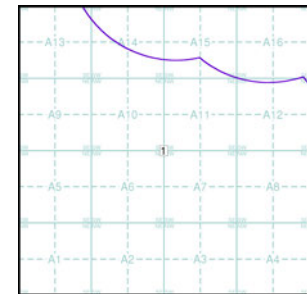
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

Order Number: 370061200_1_1
 Customer Reference: P02153163
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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
- Surface Level
- Sketched Contour
- Instrumental Contour
- Main Roads
- Fenced
- Minor Roads
- Un-Fenced
- Sunken Road
- Raised Road
- Road over Railway
- Railway over River
- Railway over Road
- Level Crossing
- Road over River or Canal
- Road over Stream
- Road over Stream
- County Boundary (Geographical)
- County & Civil Parish Boundary
- Administrative County & Civil Parish Boundary
- County Borough Boundary (England)
- County Burgh Boundary (Scotland)
- Rural District Boundary
- Civil Parish Boundary

Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Geographical County
- Administrative County, County Borough or County of City
- Municipal Borough, Urban or Rural District, Burgh or District Council
- Borough, Burgh or County Constituency
- Civil Parish
- BP, BS Boundary Post or Stone
- Ch Church
- CH Club House
- F E Sta Fire Engine Station
- FB Foot Bridge
- Fn Fountain
- GP Guide Post
- MP Mile Post
- MS Mile Stone
- Pol Sta Police Station
- PO Post Office
- PC Public Convenience
- PH Public House
- SB Signal Box
- Spr Spring
- TCB Telephone Call Box
- TCP Telephone Call Post
- W Well

1:10,000 Raster Mapping

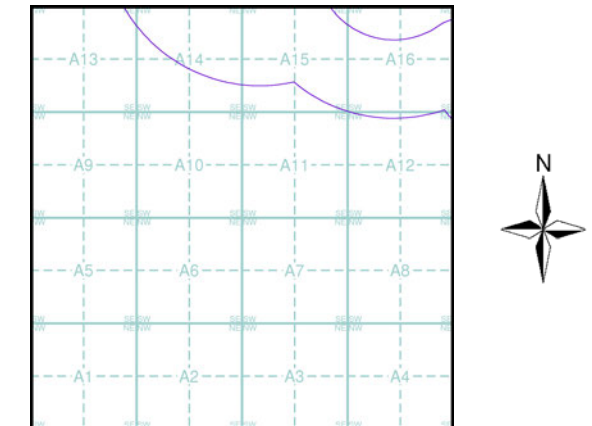
- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- General detail
- Overhead detail
- Multi-track railway
- County boundary (England only)
- District, Unitary, Metropolitan, London Borough boundary
- Area of wooded vegetation
- Non-coniferous trees (scattered)
- Coniferous trees (scattered)
-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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1854	2
Yorkshire	1:10,560	1892	3
Yorkshire	1:10,560	1910	4
Yorkshire	1:10,560	1910	5
Yorkshire	1:10,560	1952 - 1953	6
Ordnance Survey Plan	1:10,000	1958	7
Ordnance Survey Plan	1:10,000	1977	8
10K Raster Mapping	1:10,000	1999	9
10K Raster Mapping	1:10,000	2006	10
VectorMap Local	1:10,000	2024	11

Historical Map - Slice A



Order Details

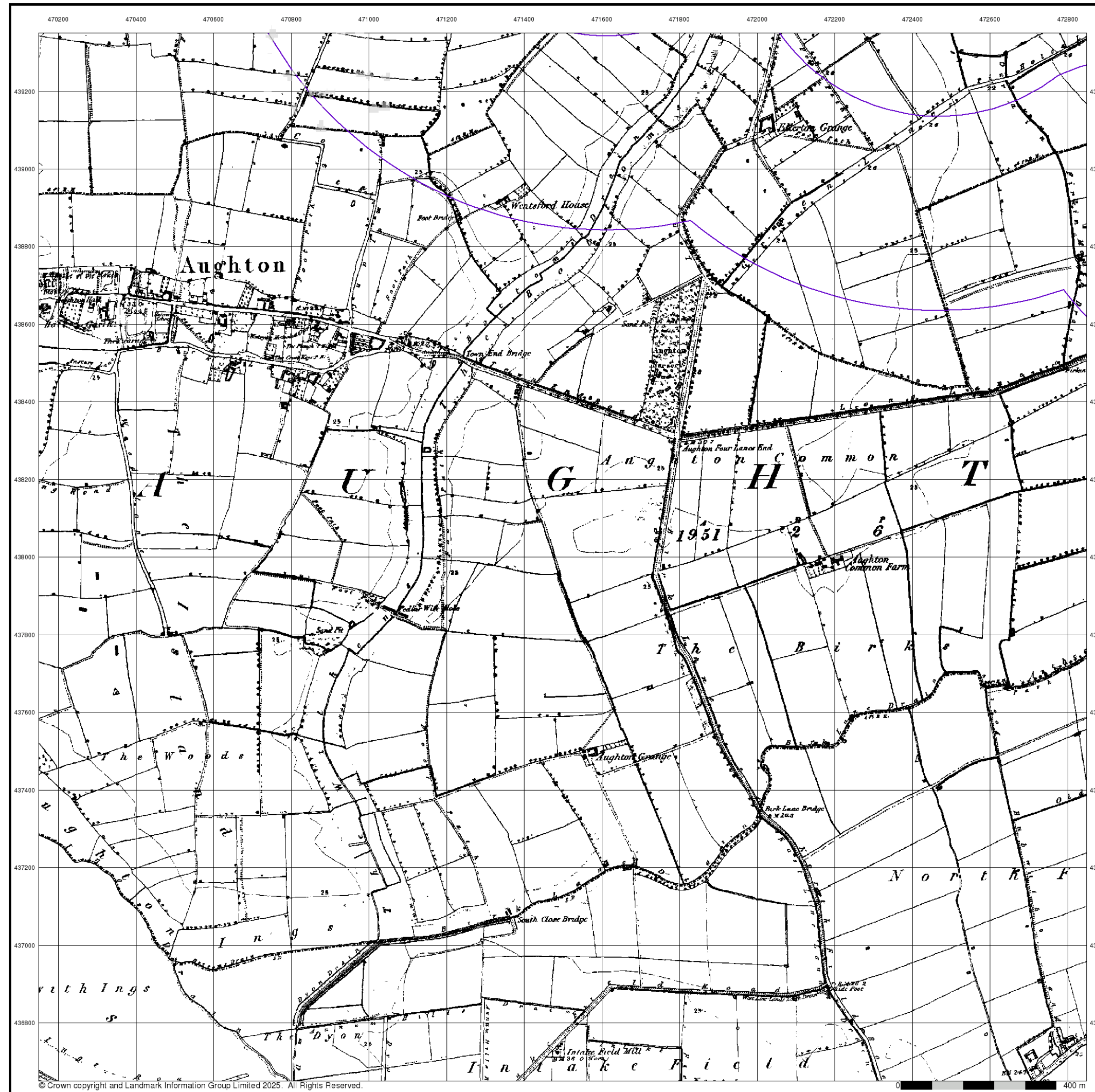
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 471980, 439060
 Slice: A
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

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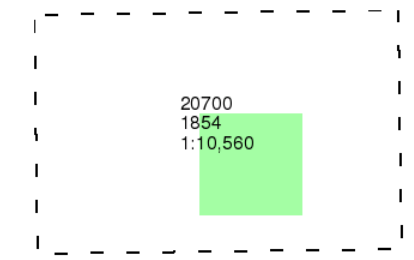
Yorkshire

Published 1854

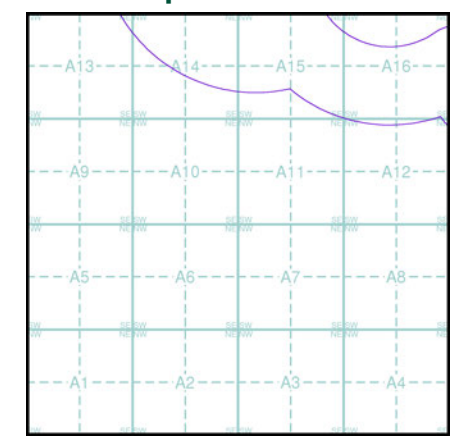
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

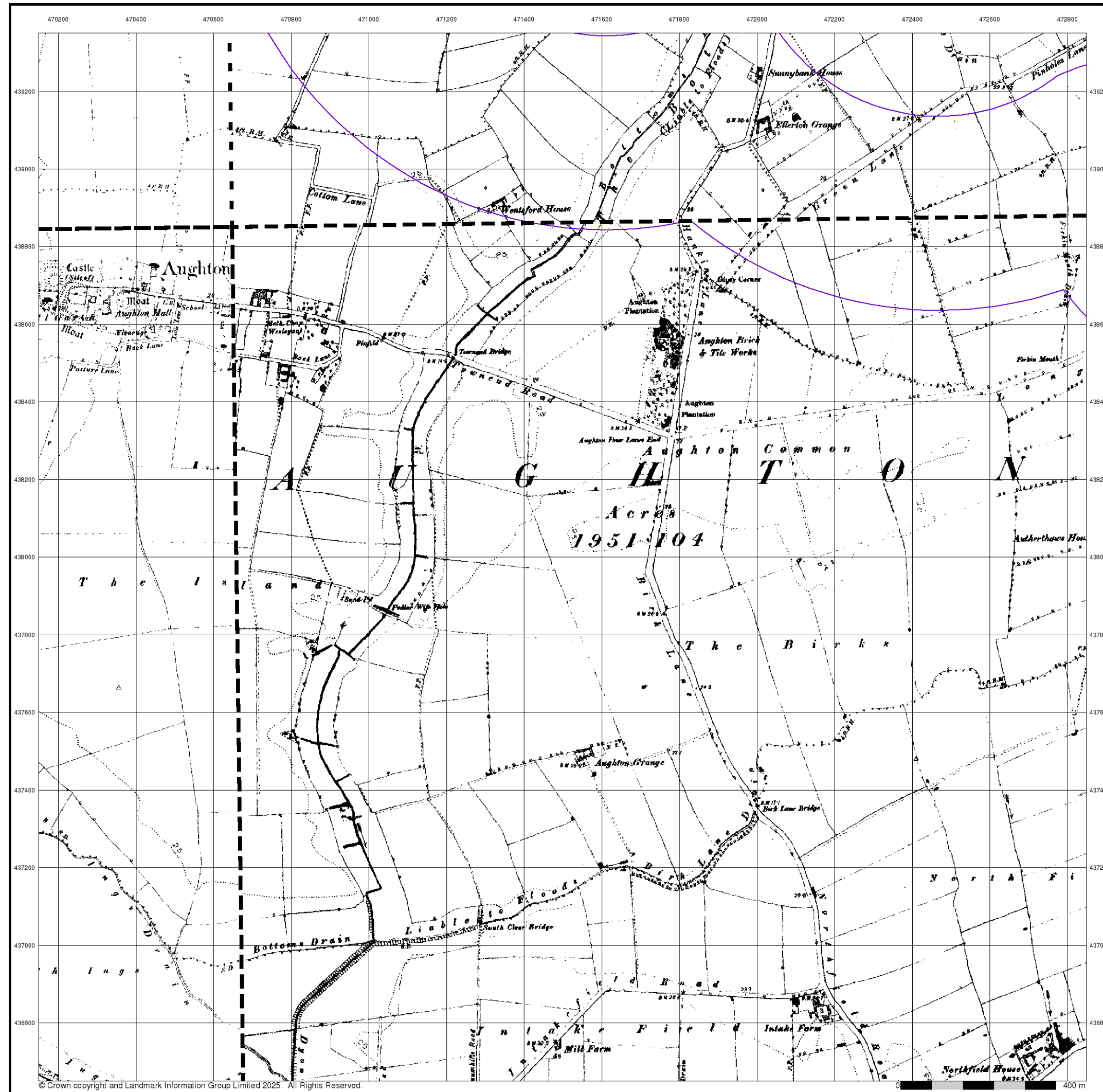
Order Number: 370061200_1_1
 Customer Ref: P02153163
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Yorkshire

Published 1892

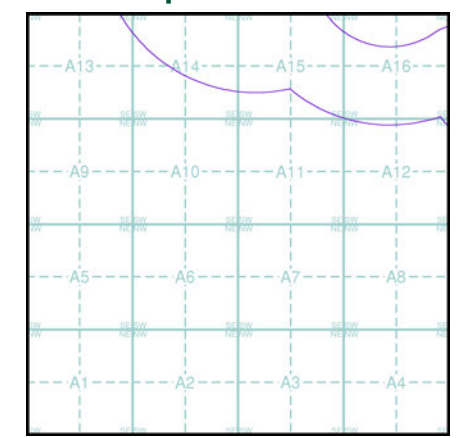
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

207NW 1892 1:10,560	207NE 1892 1:10,560
207SW 1892 1:10,560	207SE 1892 1:10,560

Historical Map - Slice A



Order Details

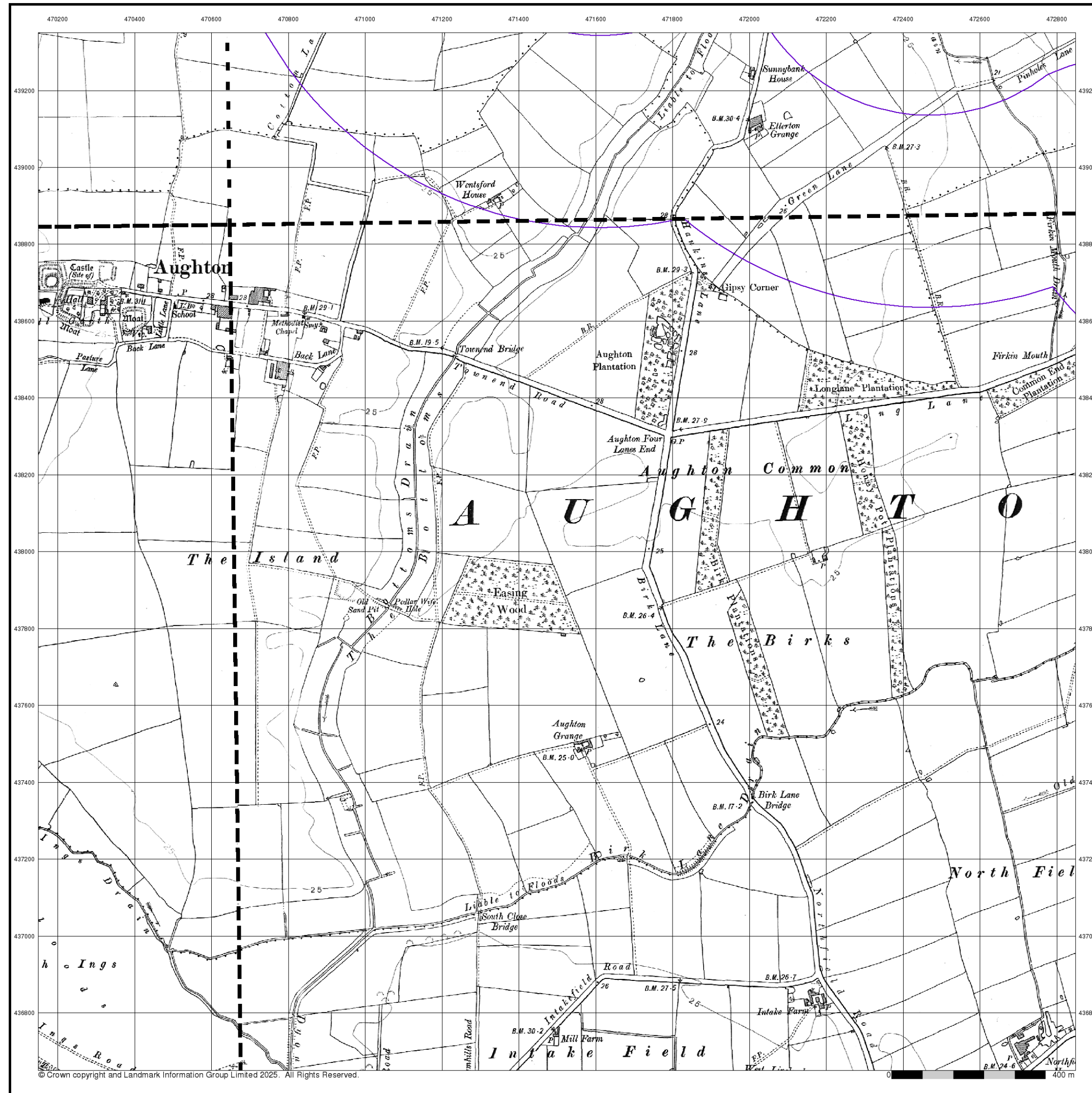
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Yorkshire

Published 1910

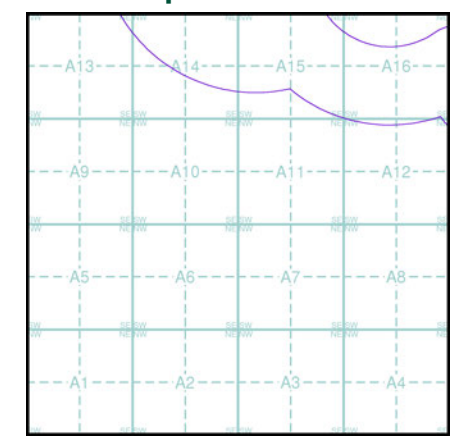
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

207NW 1910 1:10,560	207NE 1910 1:10,560
207SW 1910 1:10,560	207SE 1910 1:10,560

Historical Map - Slice A



Order Details

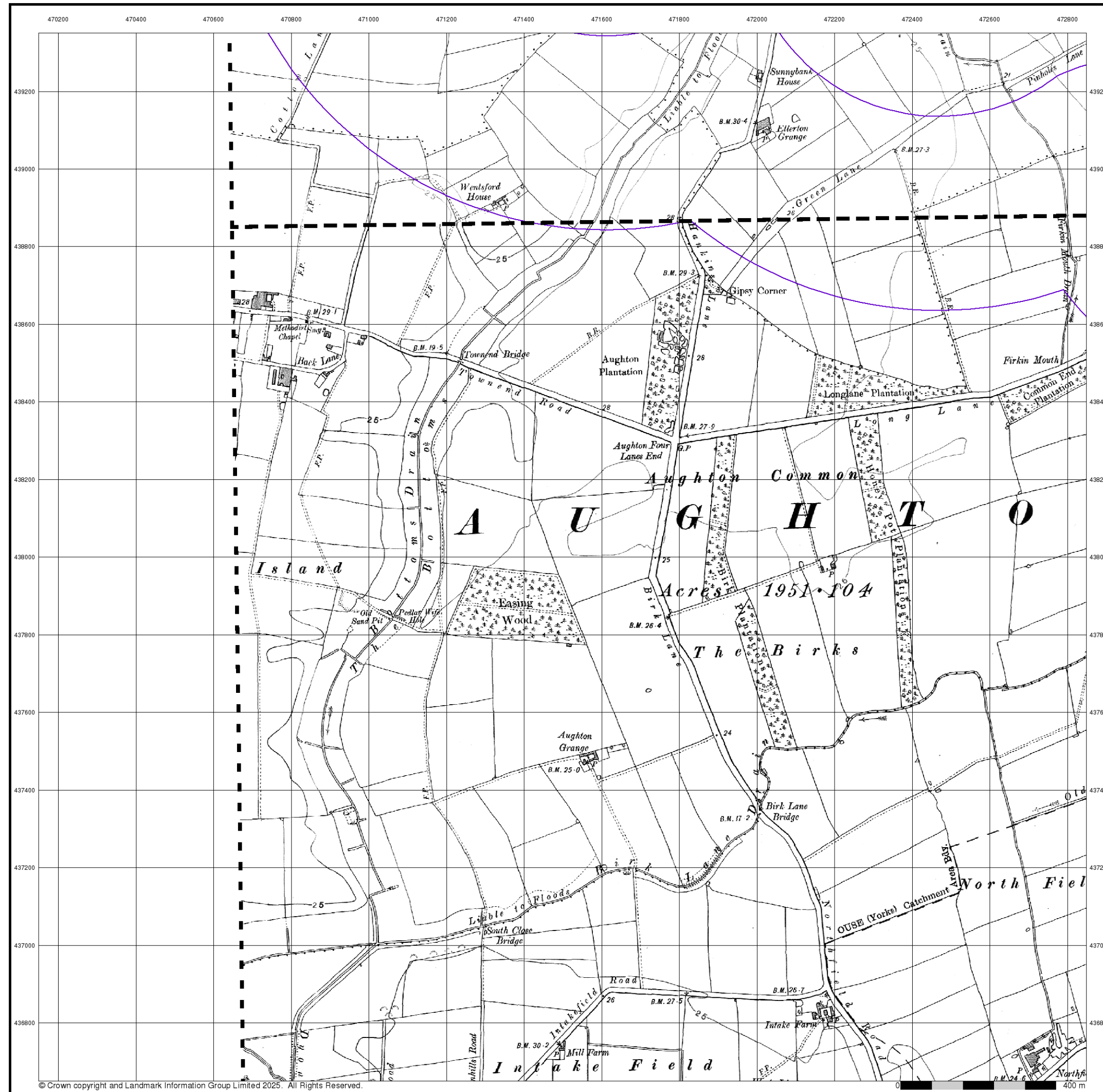
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 Slice: A
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Yorkshire

Published 1910

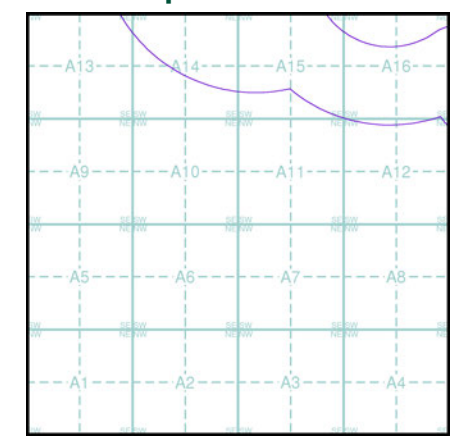
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

207NE	1910	1:10,560
207SE	1910	1:10,560

Historical Map - Slice A



Order Details

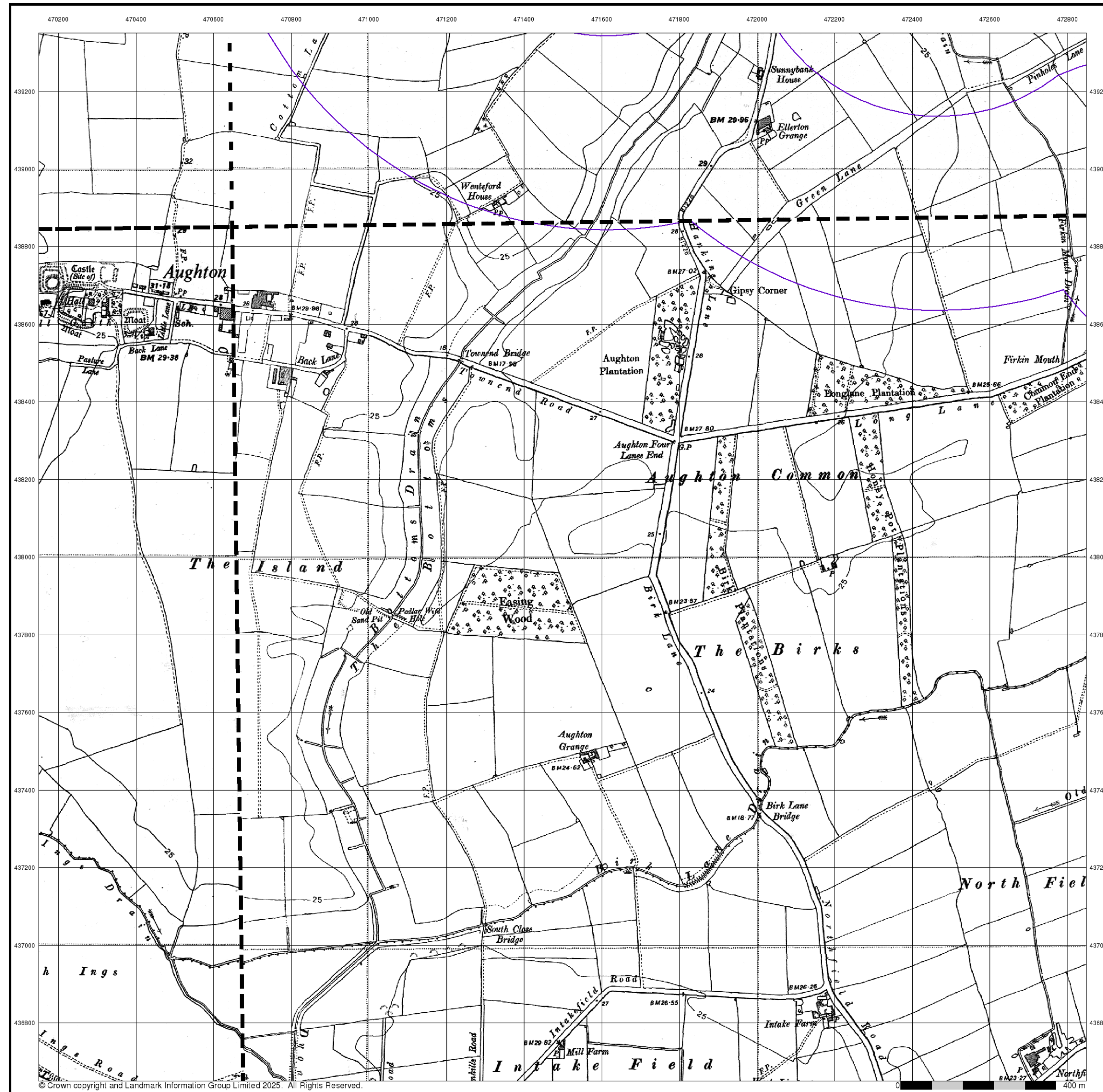
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Yorkshire

Published 1952 - 1953

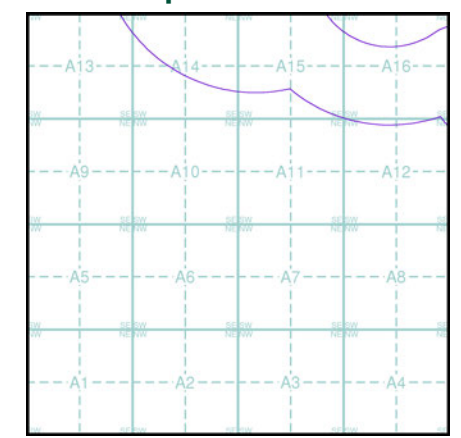
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

207NW 1953 1:10,560	207NE 1953 1:10,560
207SW 1953 1:10,560	207SE 1952 1:10,560

Historical Map - Slice A



Order Details

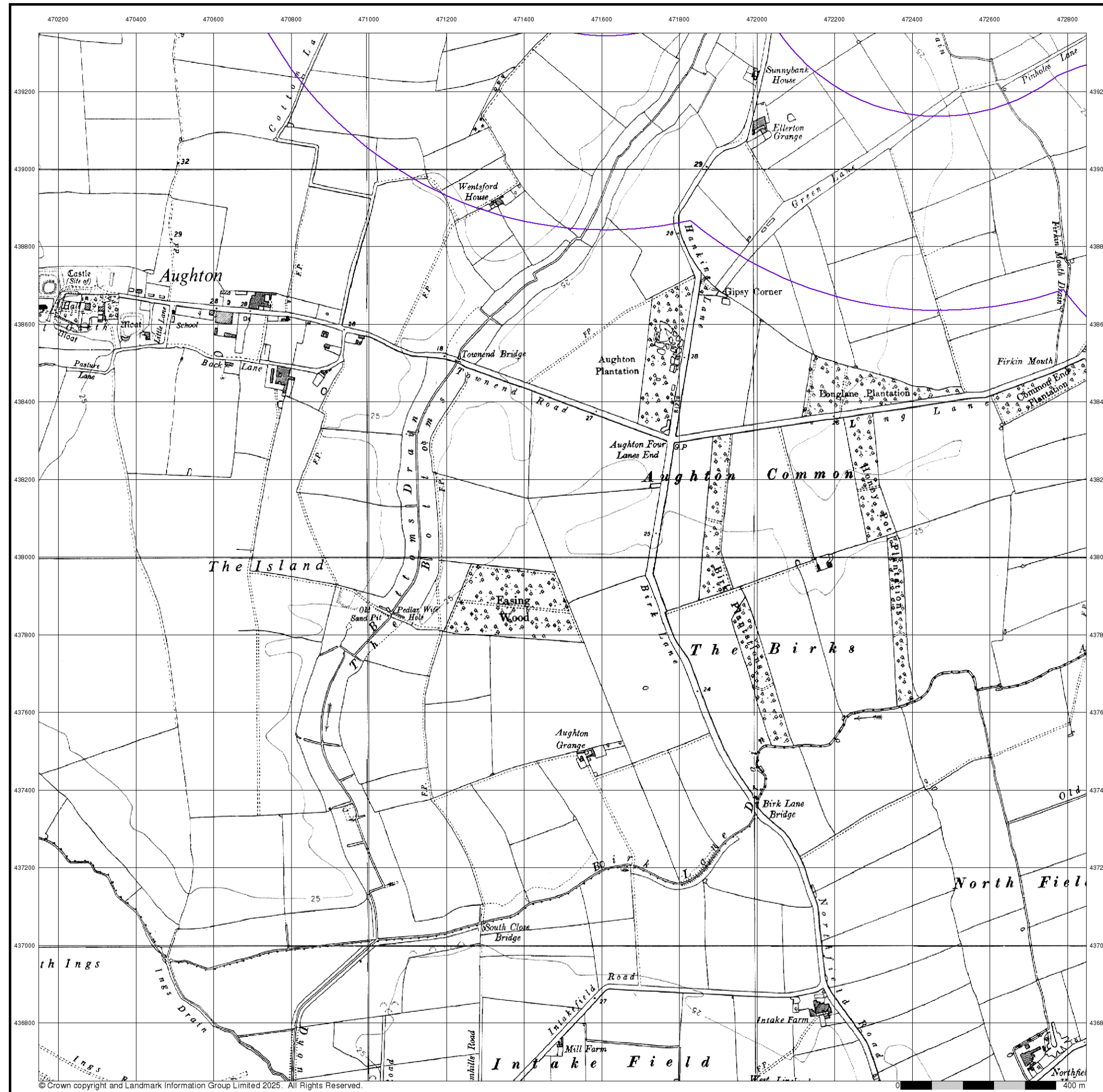
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 Search Buffer (m): 1000

Site Details

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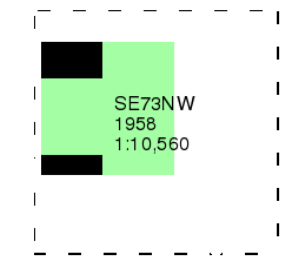
Tel: 0844 844 9952
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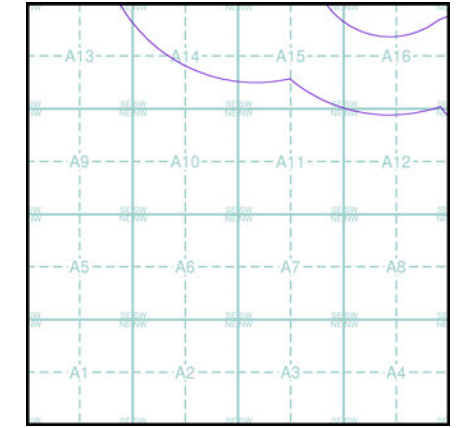
Ordnance Survey Plan
Published 1958
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

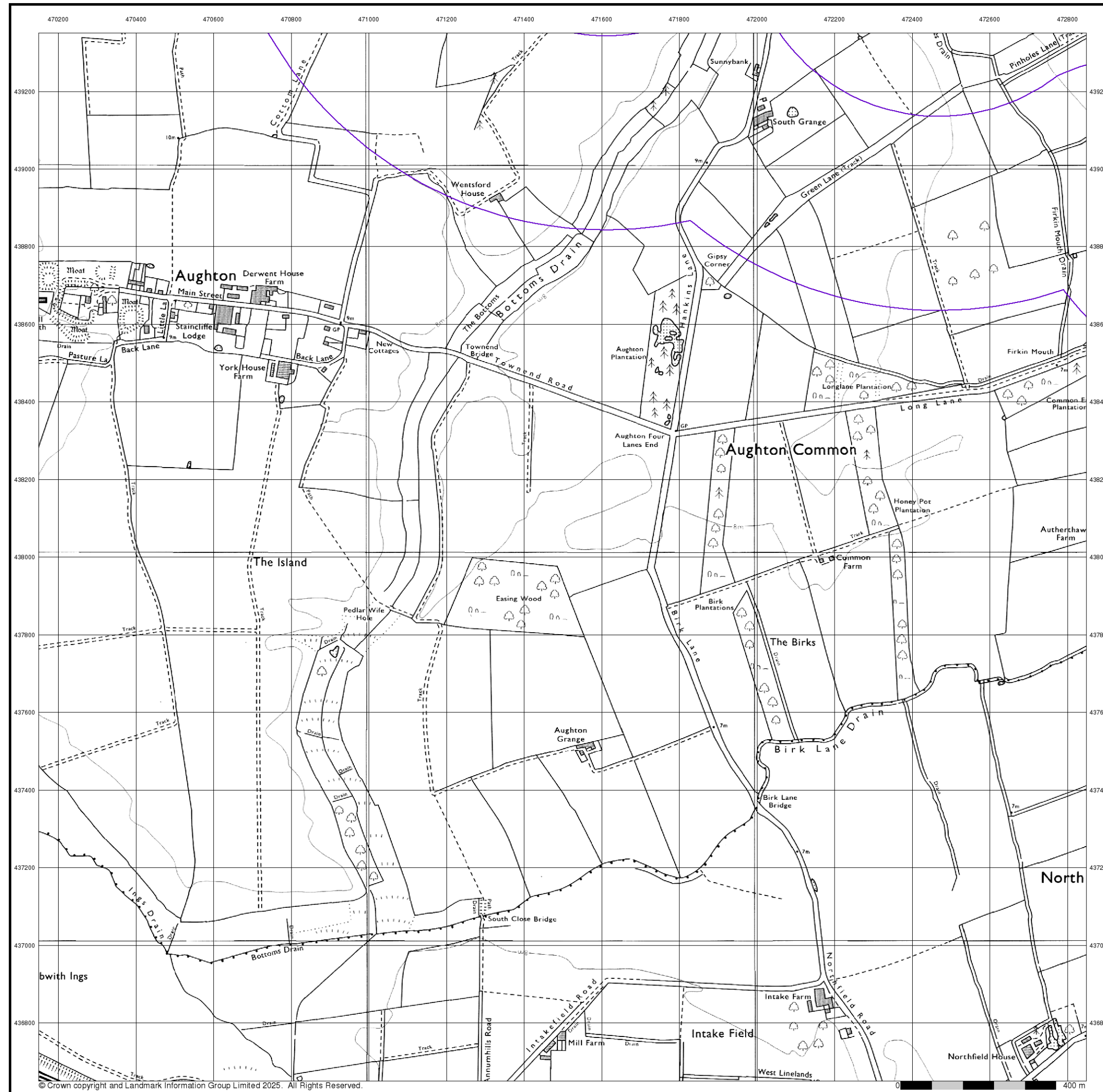
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Site Details

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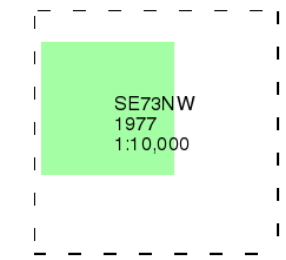
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



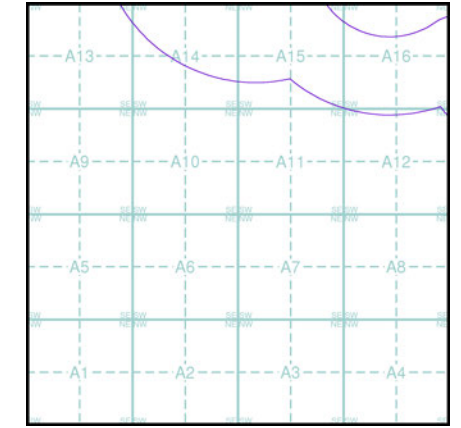
Ordnance Survey Plan
Published 1977
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

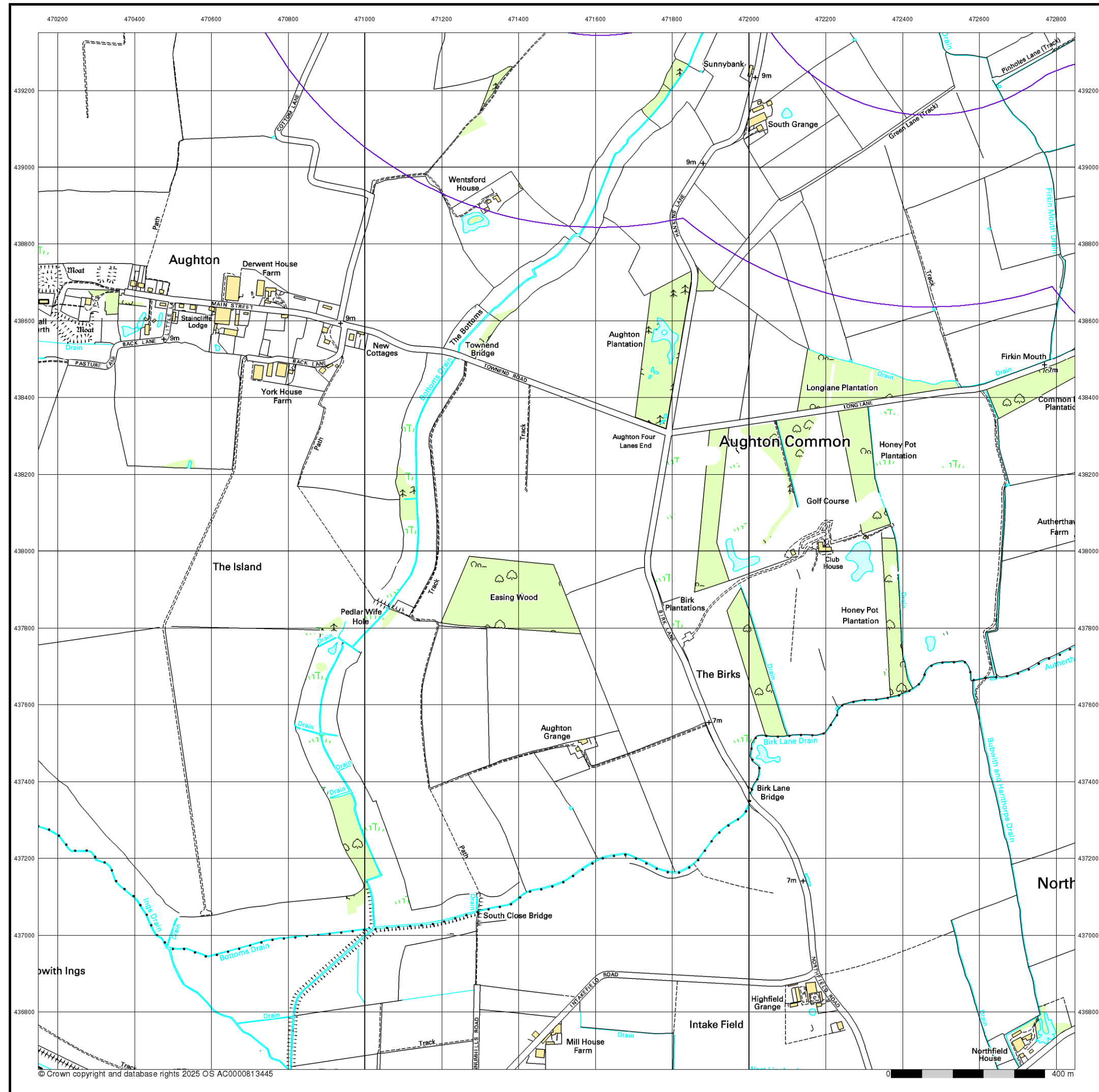
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Site Details

Mylen Leah



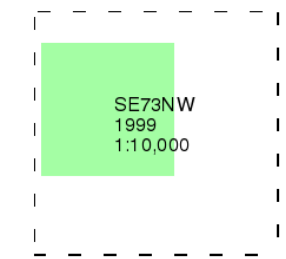
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



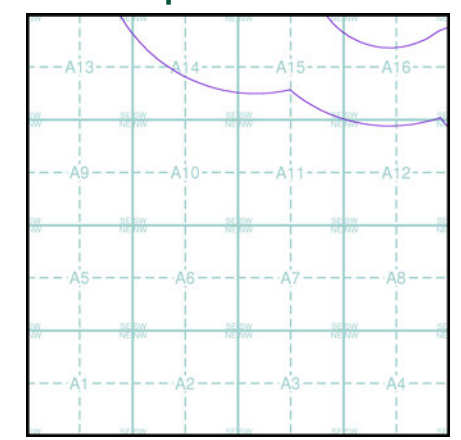
10k Raster Mapping
Published 1999
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

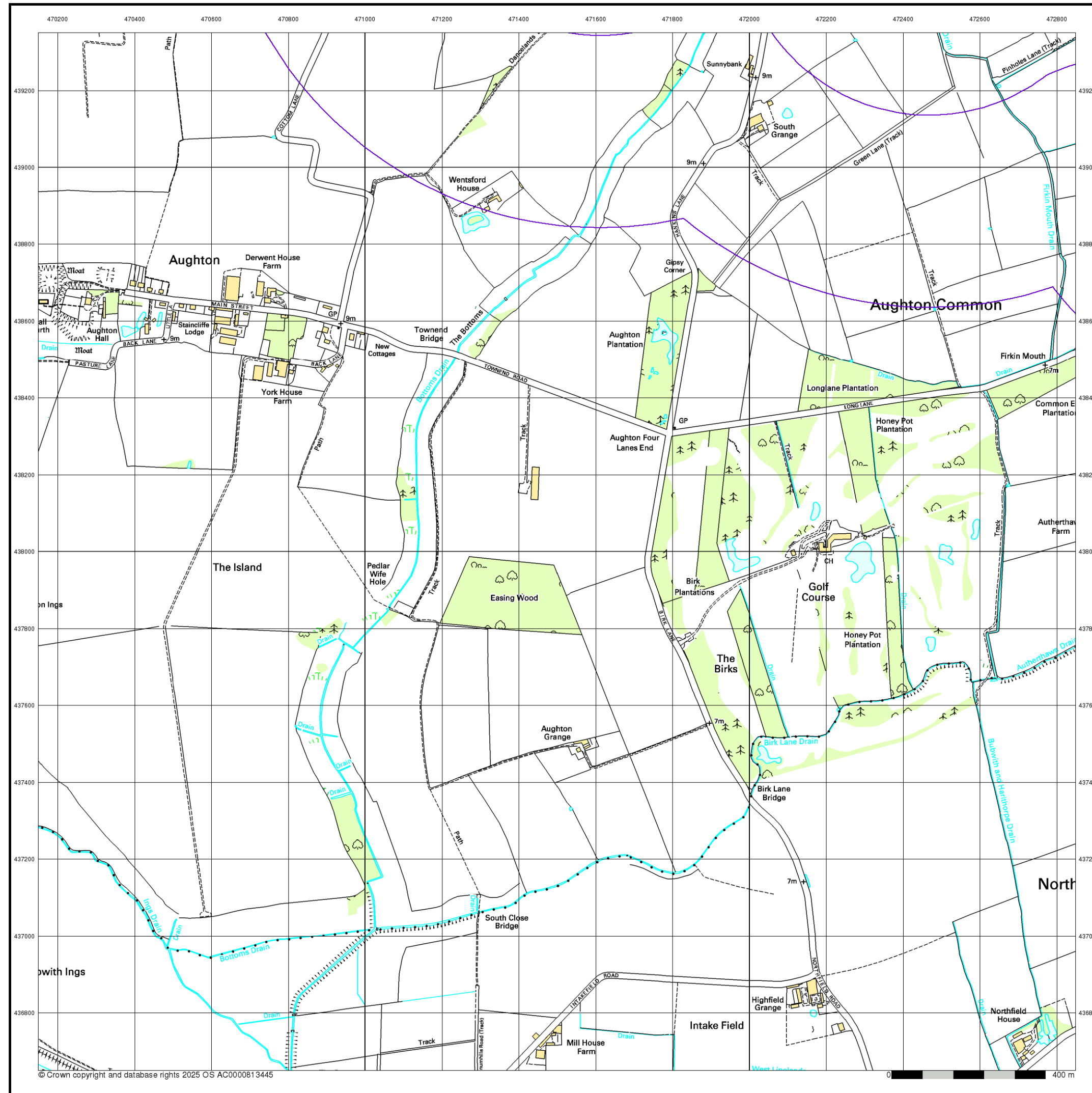
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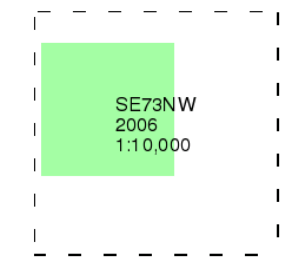
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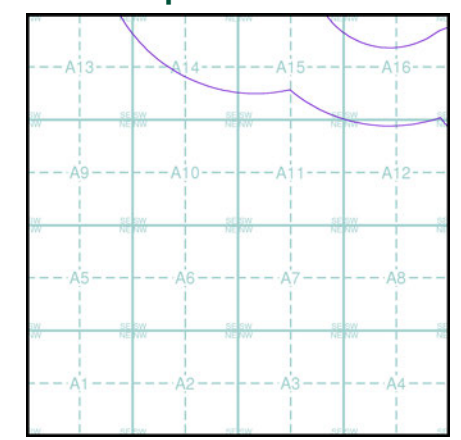
10k Raster Mapping
Published 2006
Source map scale - 1:10,000

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)



Historical Map - Slice A



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 471980, 439060
 Slice: A
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

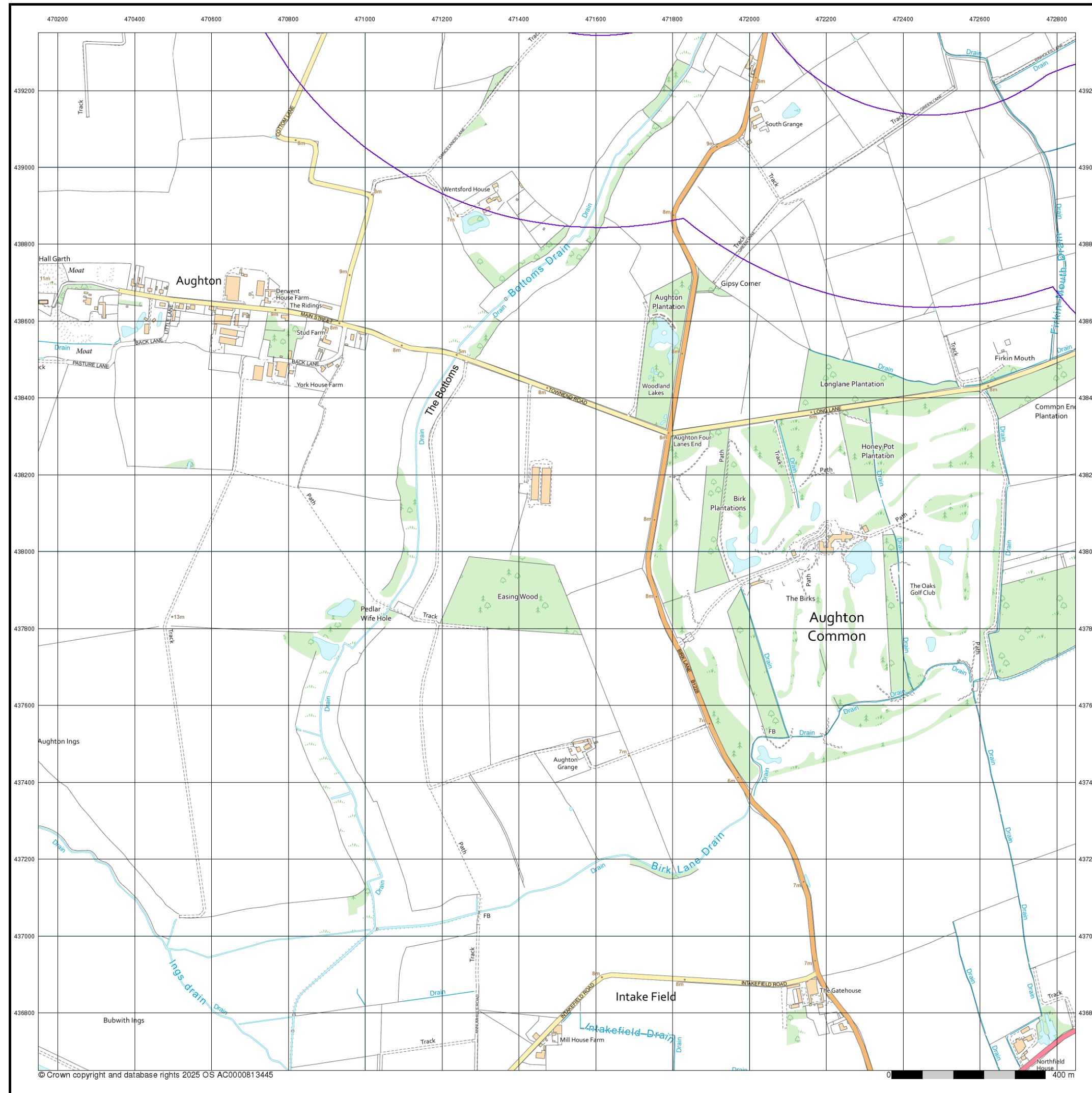
Site Details

Mylen Leah



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 Fax: 0844 844 9951
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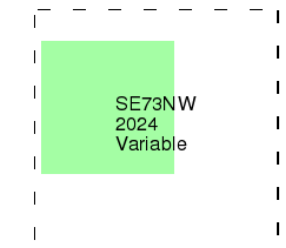
VectorMap Local

Published 2024

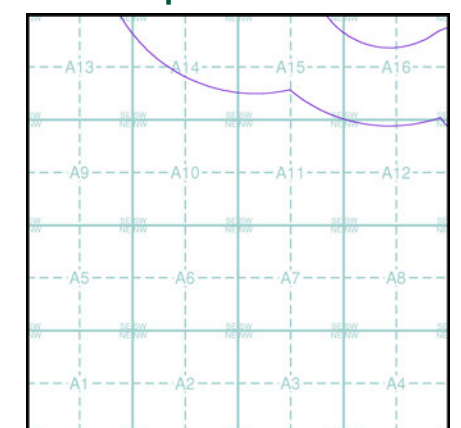
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 471980, 439060
 Slice: A
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

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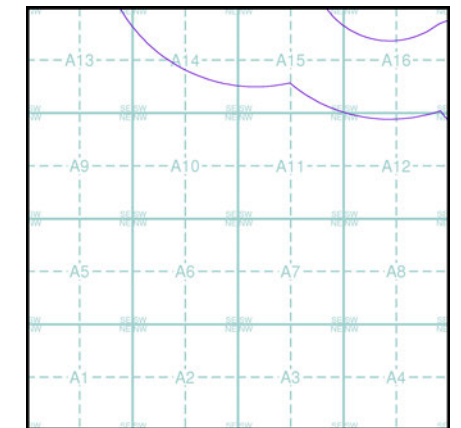


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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - 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
 - Historical Prosecutions
 - Prosecutions
 - Registered Radioactive Substance
 - River Network or Water Feature
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (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 - Slice A



Order Details

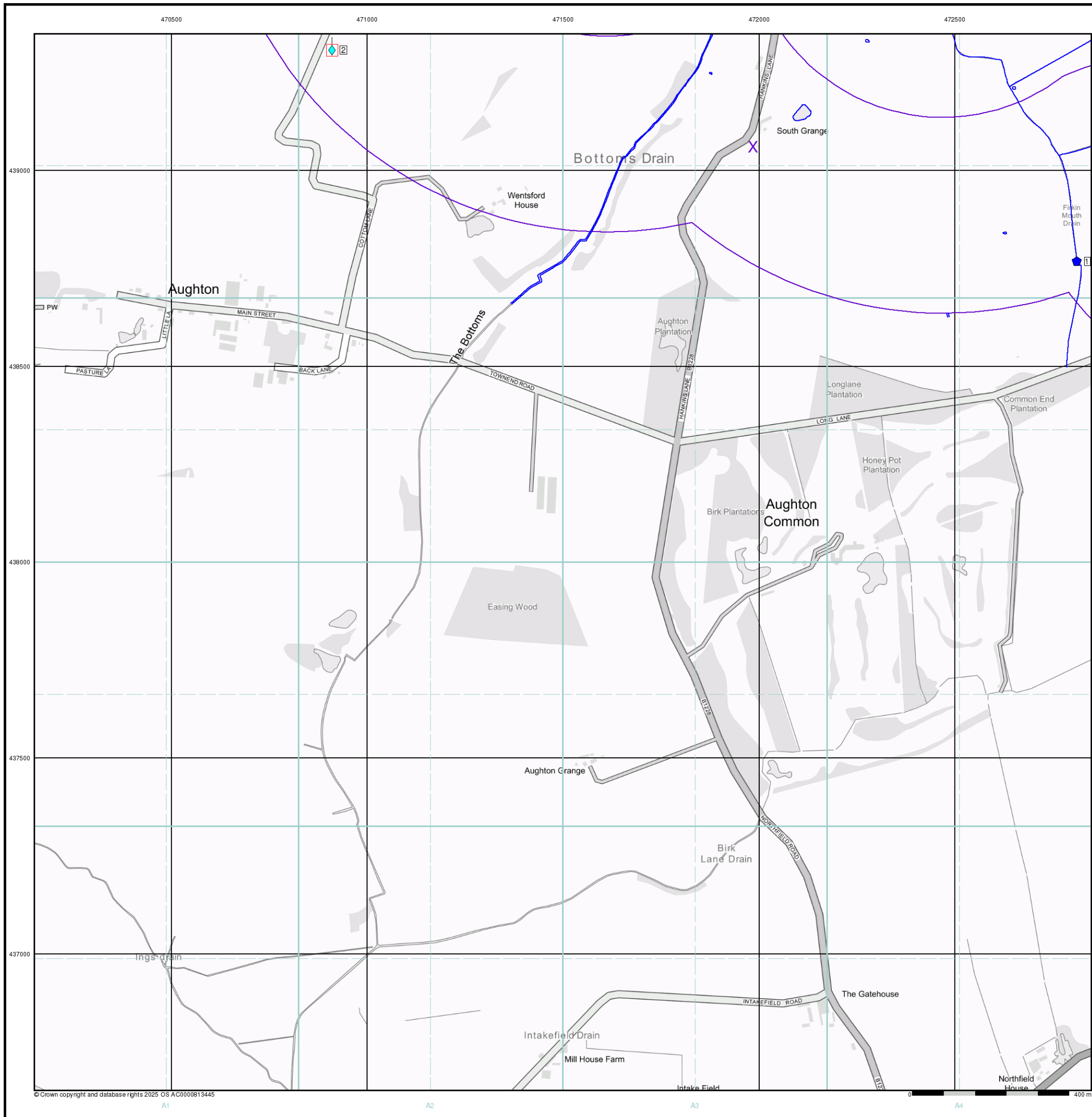
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 National Grid Reference: 471980, 439060
 Slice: A
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

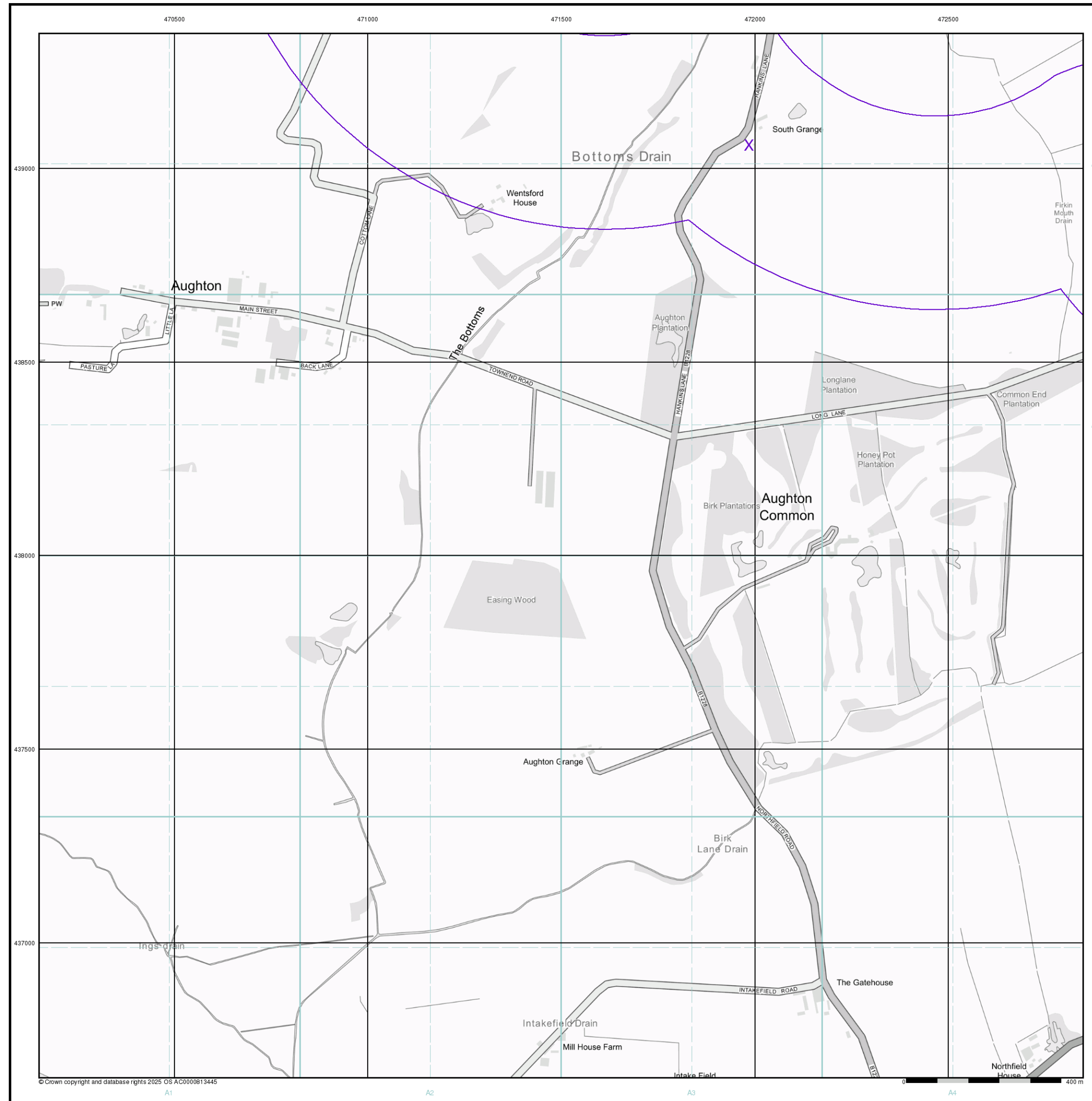
Site Details

Mylen Leah



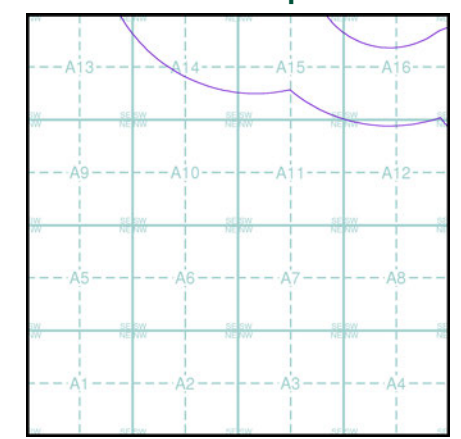
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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Slice
 - Map ID
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry
 - Points of Interest - Commercial Services
 - Points of Interest -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

Industrial Land Use Map - Slice A



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 471980, 439060
 Slice: A
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details
 Mylen Leah

Landmark
 INFORMATION GROUP

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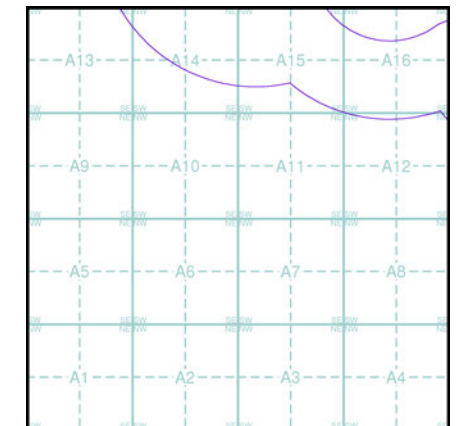
General

- 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

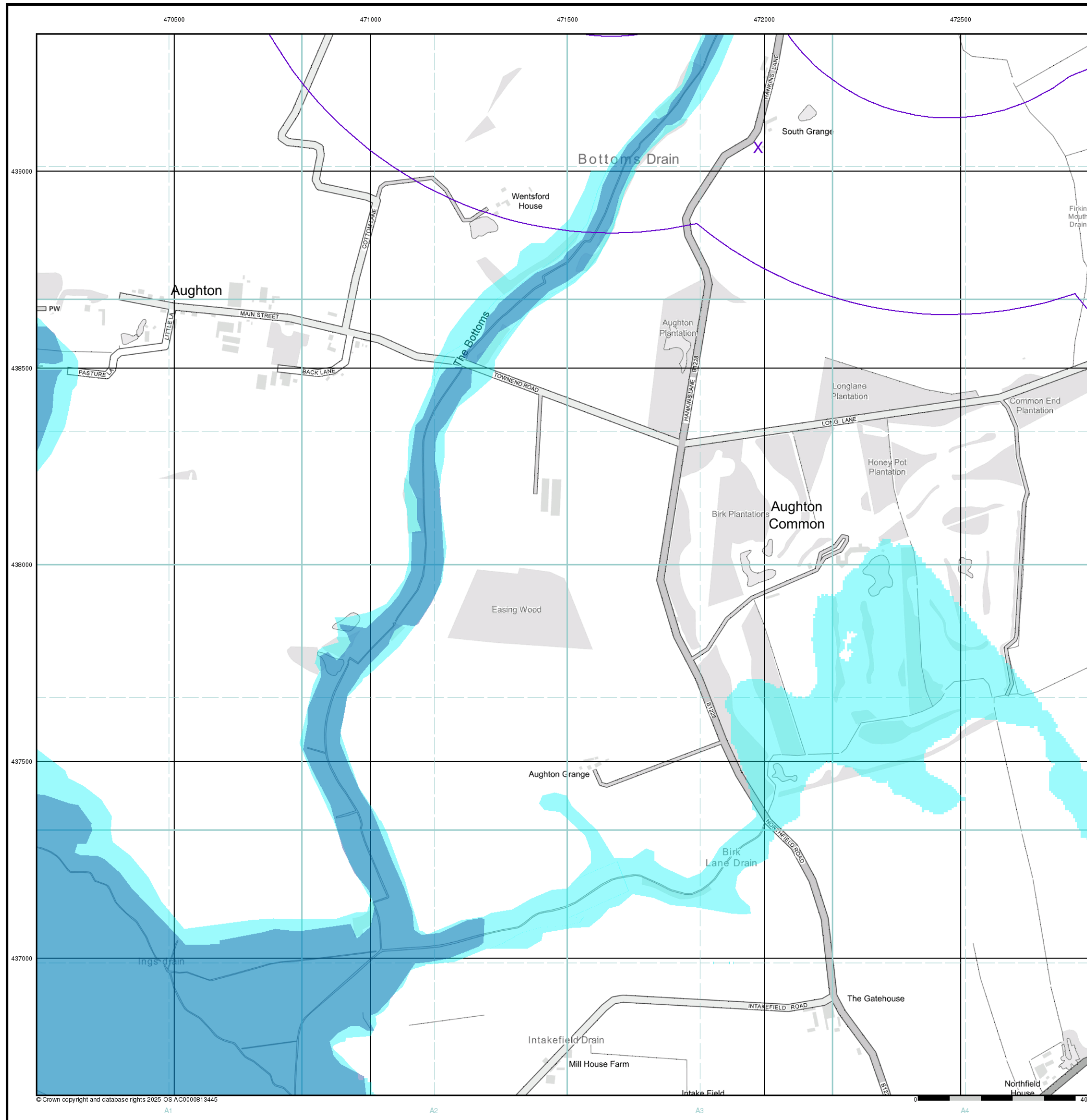
Order Number: 370061200_1_1
Customer Ref: P02153163
National Grid Reference: 471980, 439060
Slice: A
Site Area (Ha): 1888.5
Search Buffer (m): 1000

Site Details

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General

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

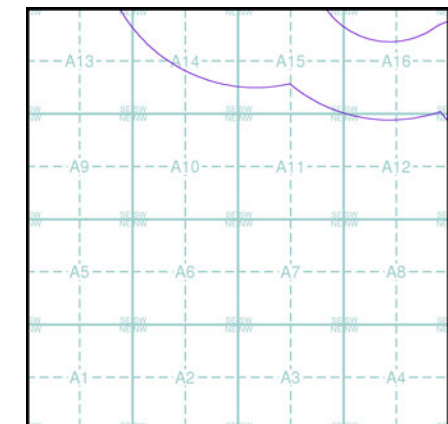
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



Order Details

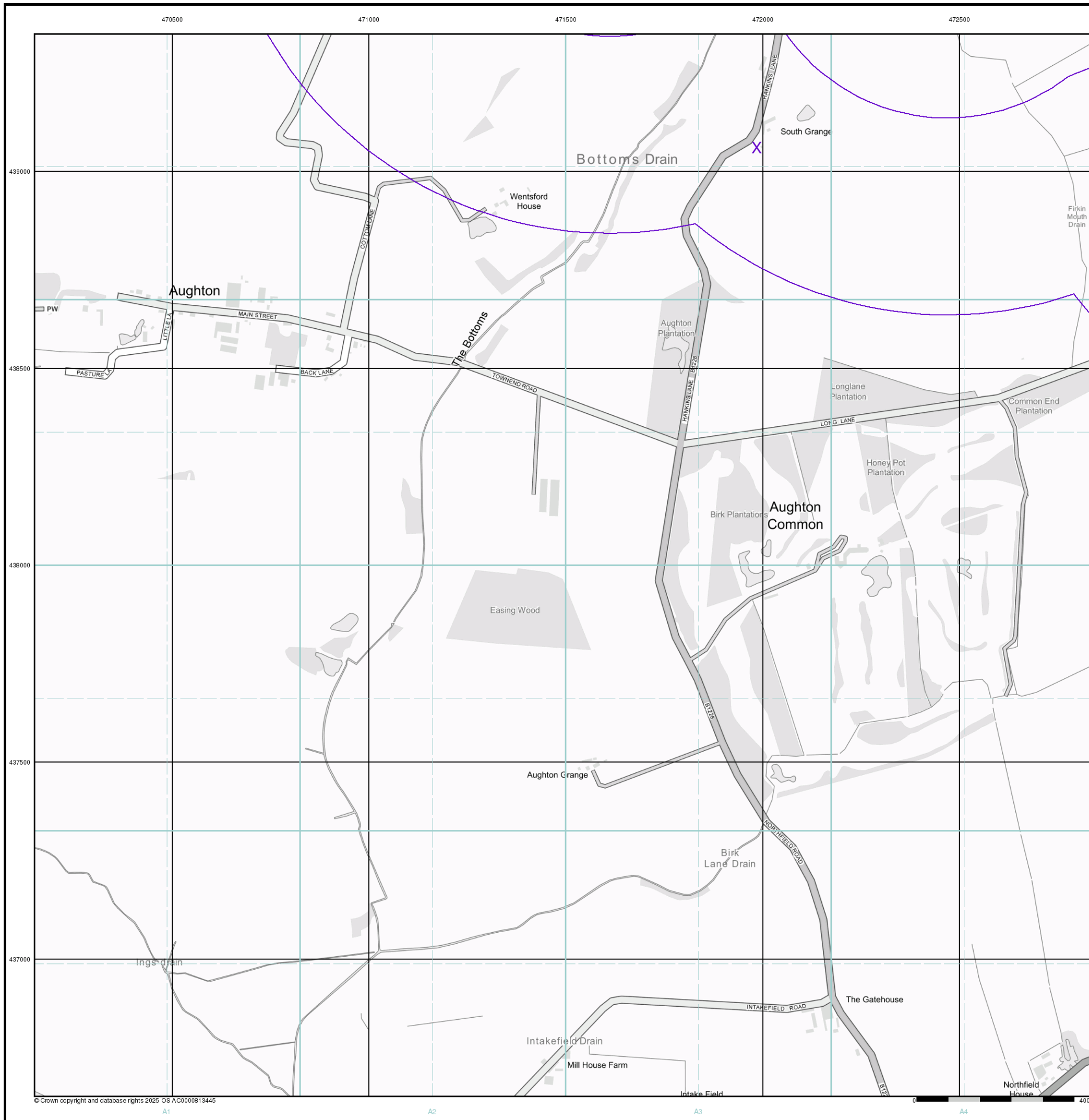
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 Customer Ref: P02153163
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 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

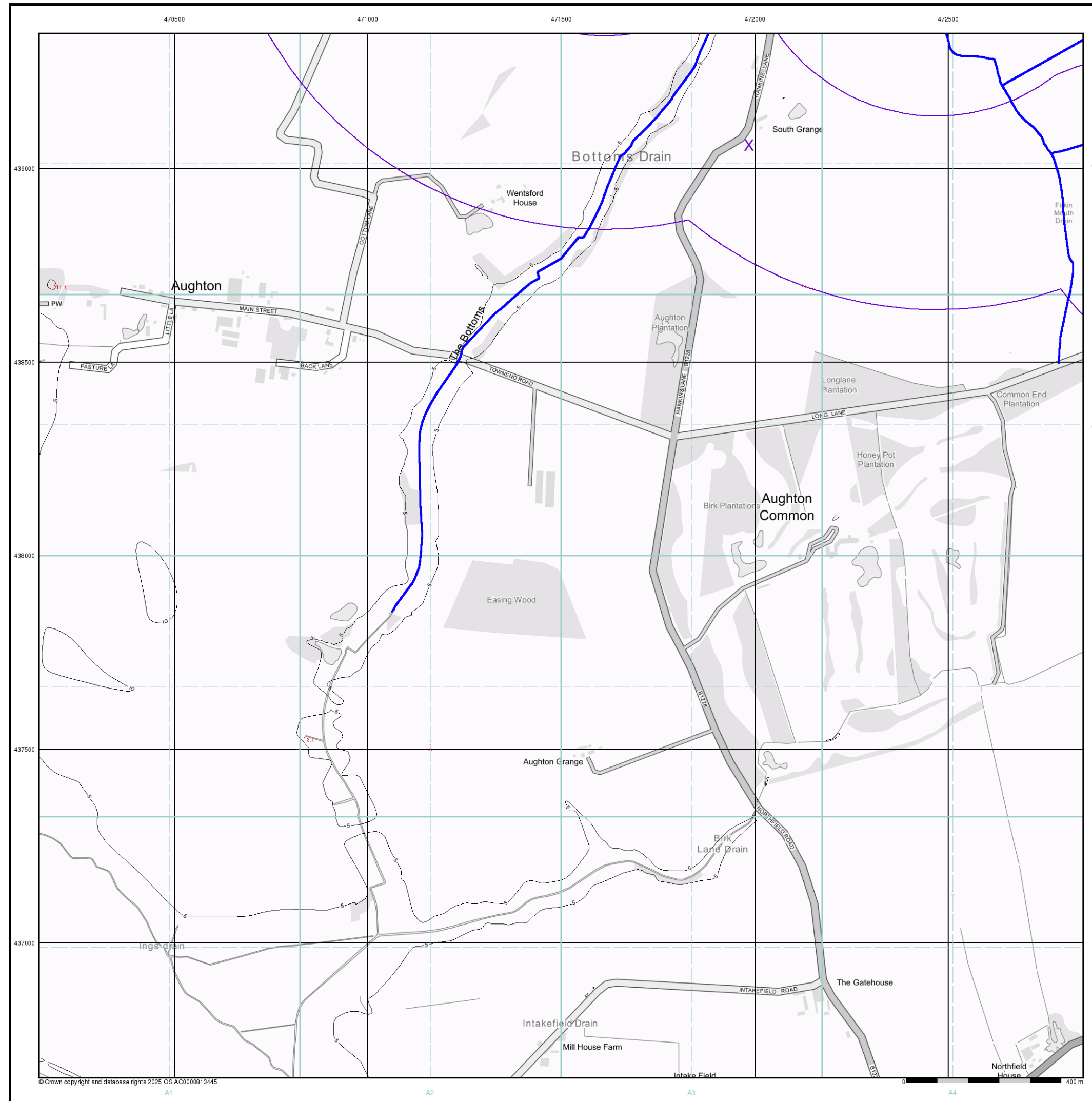
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General

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

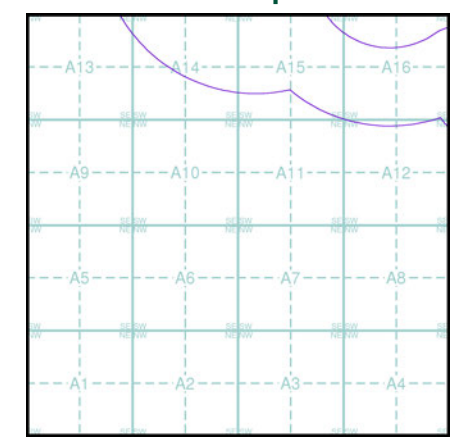
OS Water Network Data

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

OS Water Network Map - Slice A



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 471980, 439060
 Slice: A
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

Mylen Leah



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General

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

Risk of Flooding from Surface Water

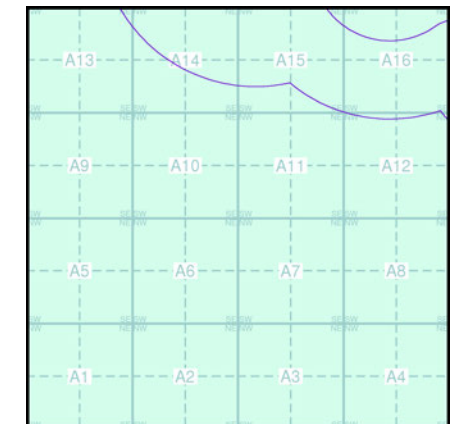
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A



Order Details

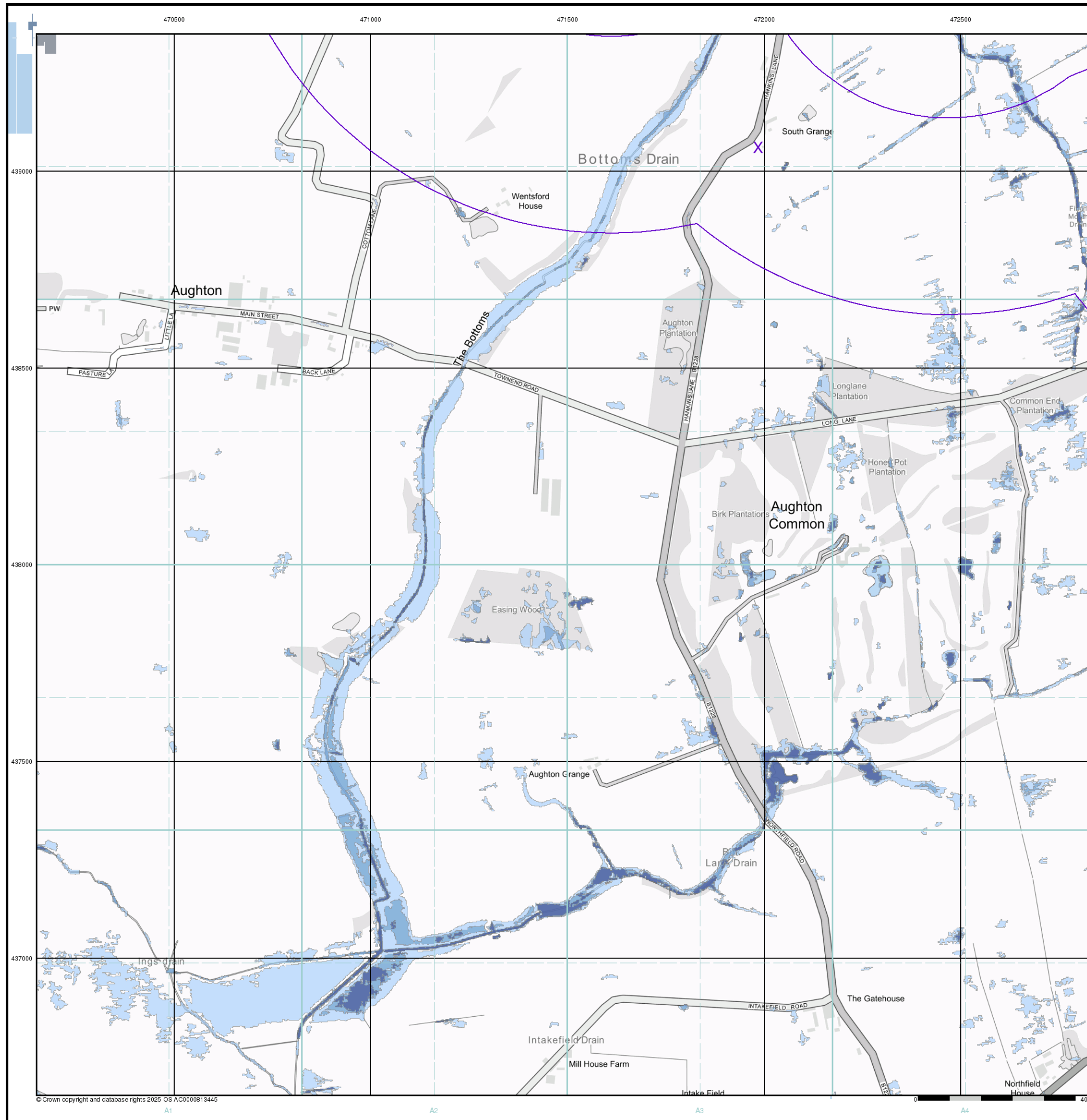
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 Customer Ref: P02153163
 National Grid Reference: 471980, 439060
 Slice: A
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

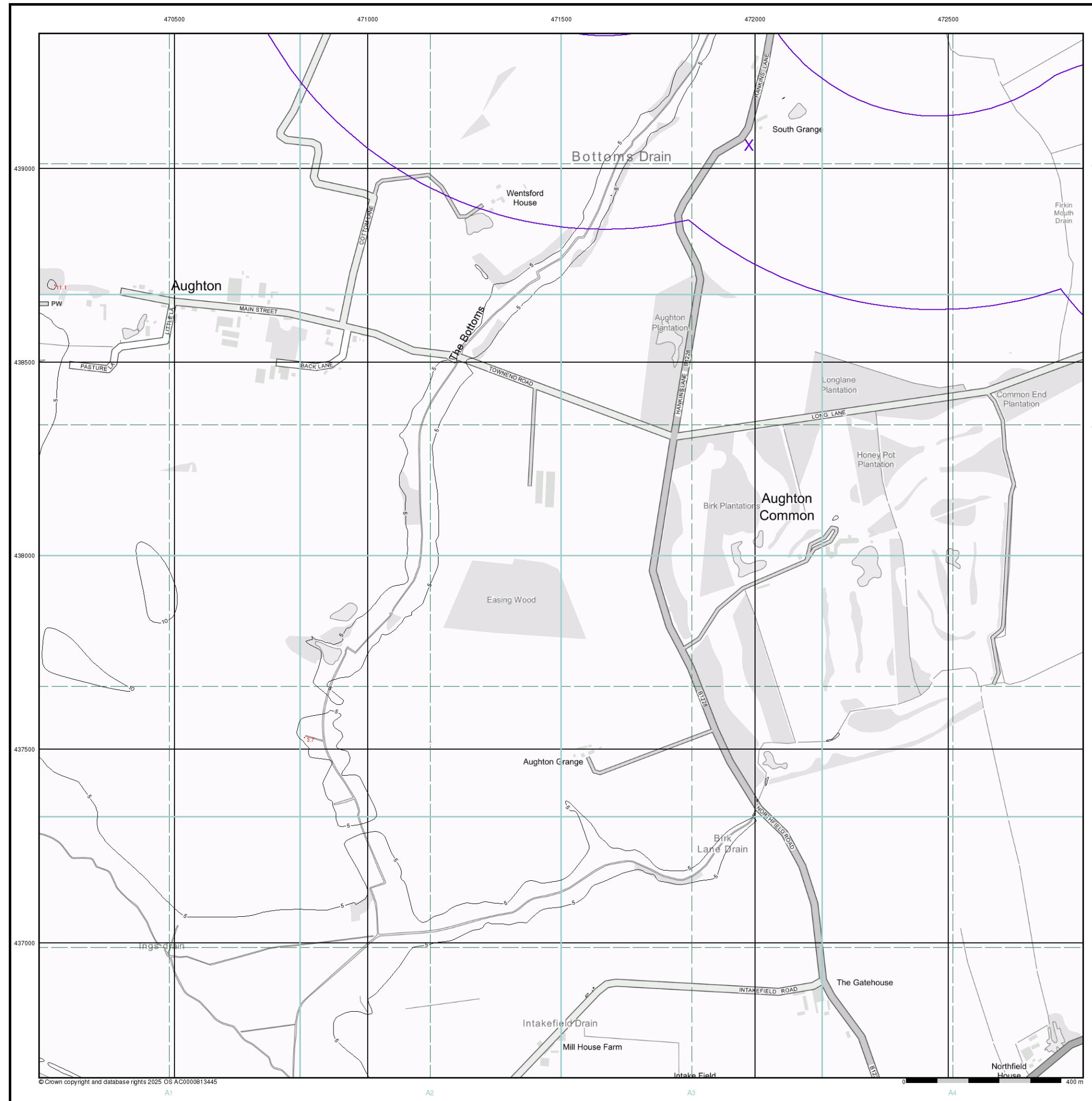
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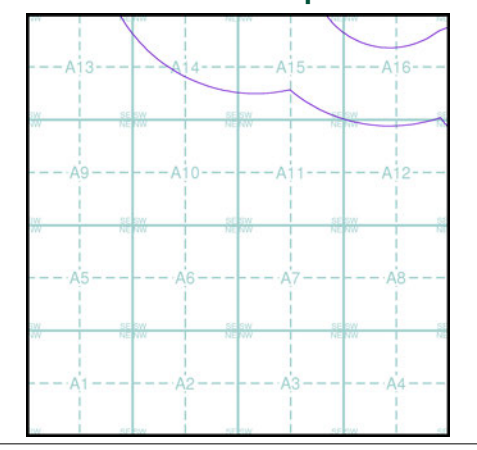
RSK

WFD Surface Waters Map

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

- Water Framework Directive - Surface Water Quality**
- High
 - Good
 - Moderate
 - Poor
 - Bad
- Contours (height in meters)**
- Standard Contour 105
 - Master Contour 100
 - Spot Height 167.3
 - Mean Low Water
 - Mean High Water

WFD Surface Waters Map - Slice A



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 471980, 439060
 Slice: A
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details
 Mylen Leah

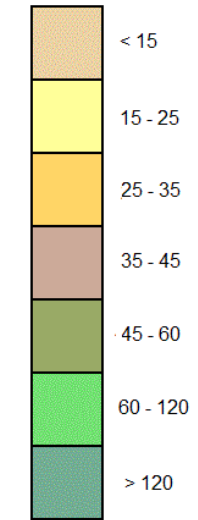


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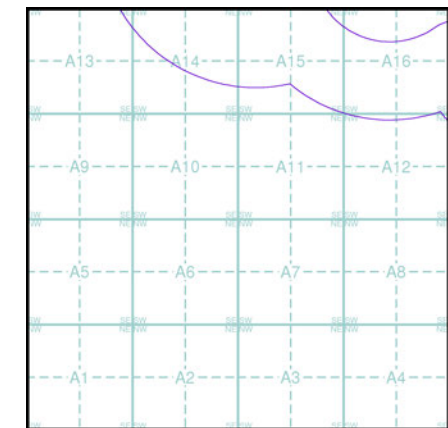
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 471980, 439060
 Slice: A
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

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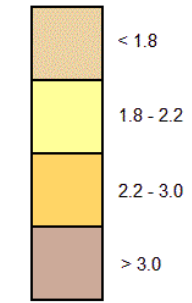


General

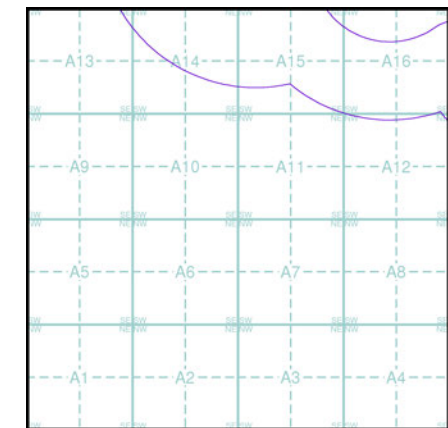
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 471980, 439060
 Slice: A
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

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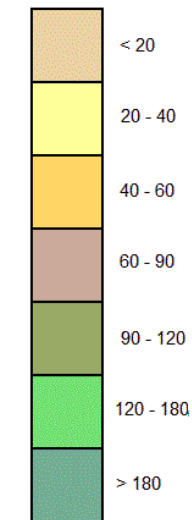


General

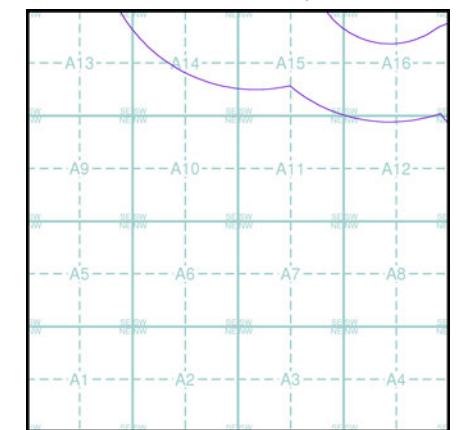
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

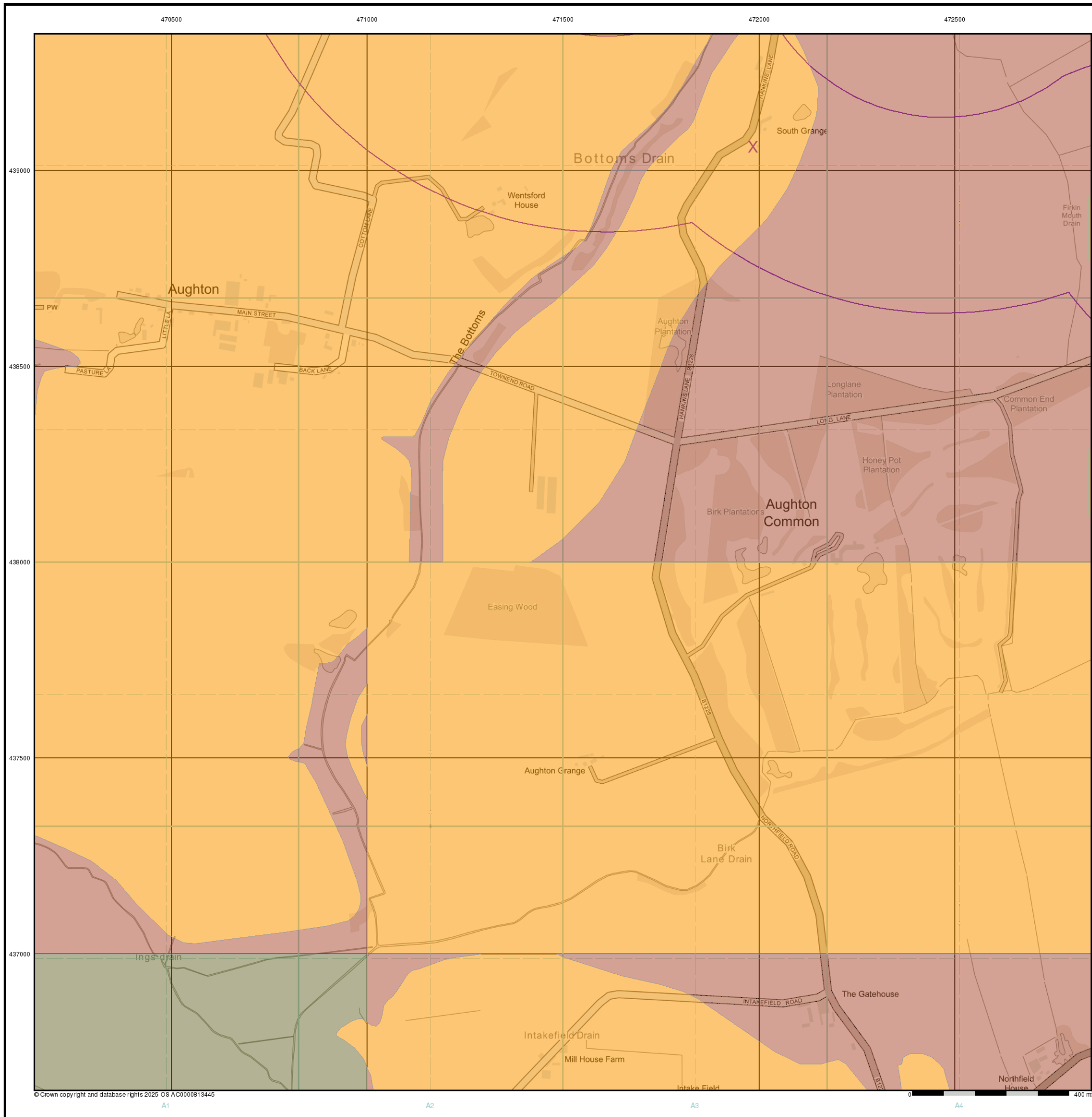
Order Details: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 471980, 439060
 Slice: A
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

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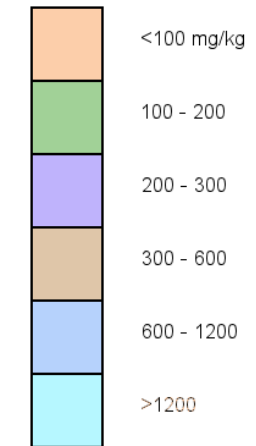


General

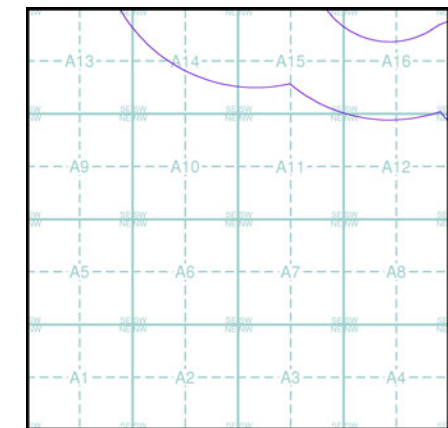
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

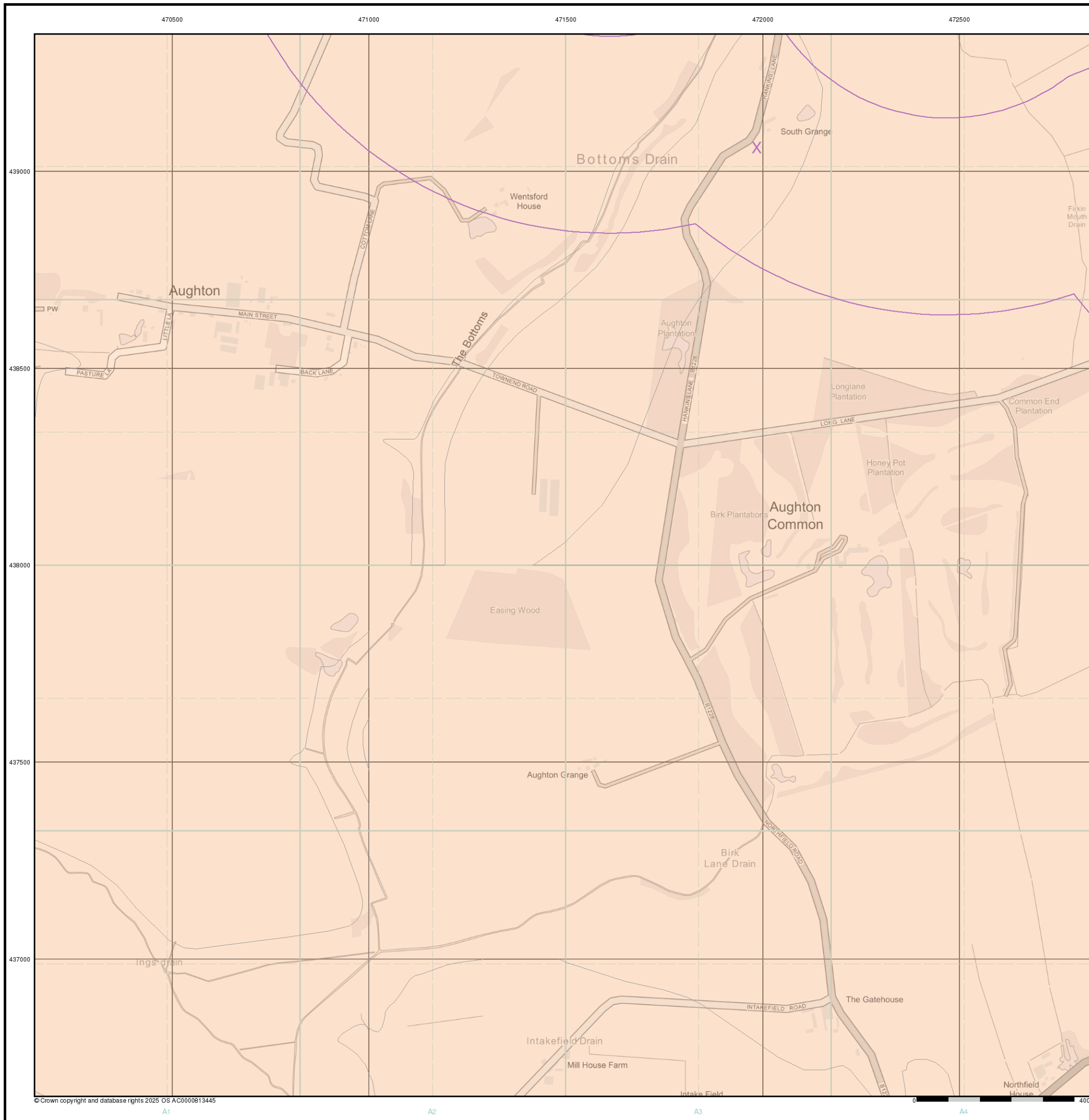
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Site Details

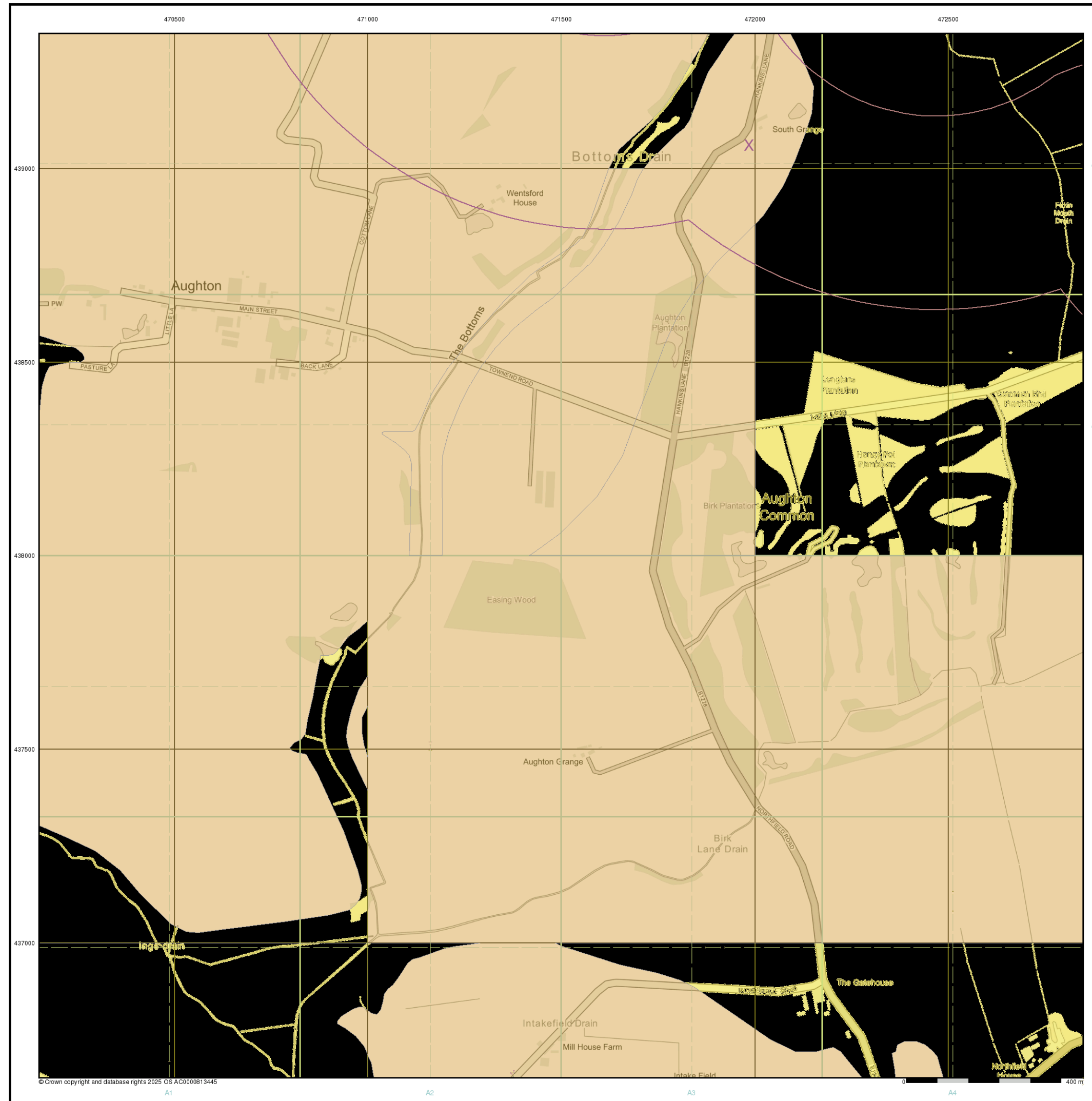
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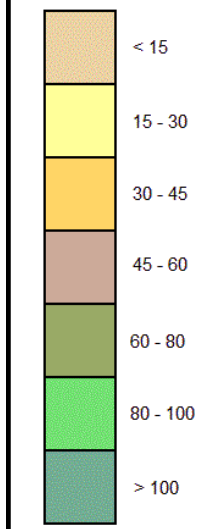


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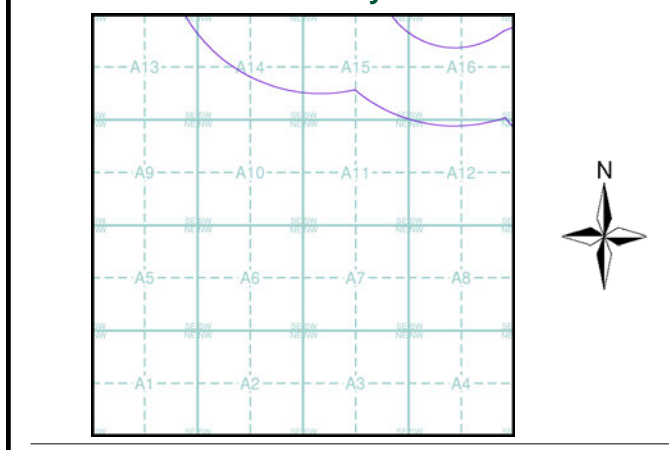
- X Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 471980, 439060
 Slice: A
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Co. Burgh Bdy.
B.P. B.S. Boundary Post or Stone **P.C.B.** Police Call Box
B.R. Bridle Road **P.** Pump
E.P. Electricity Pylon **S.P.** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P. Guide Post or Board **T.C.B.** Telephone Call Box
M.S. Mile Stone **Tr.** Trough
M.P. M.R. Mooring Post or Ring **W.** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

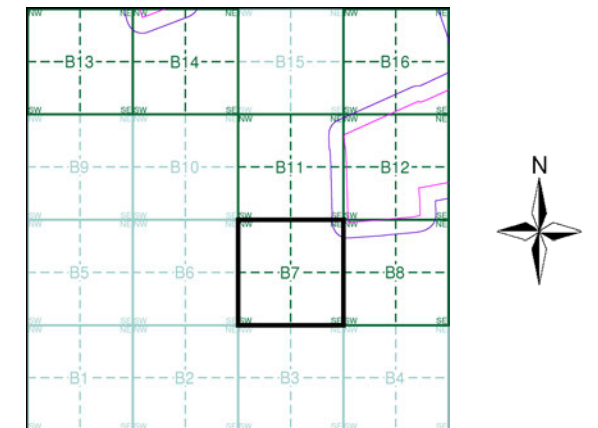
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1891	2
Yorkshire	1:2,500	1909	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1995	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment B7



Order Details

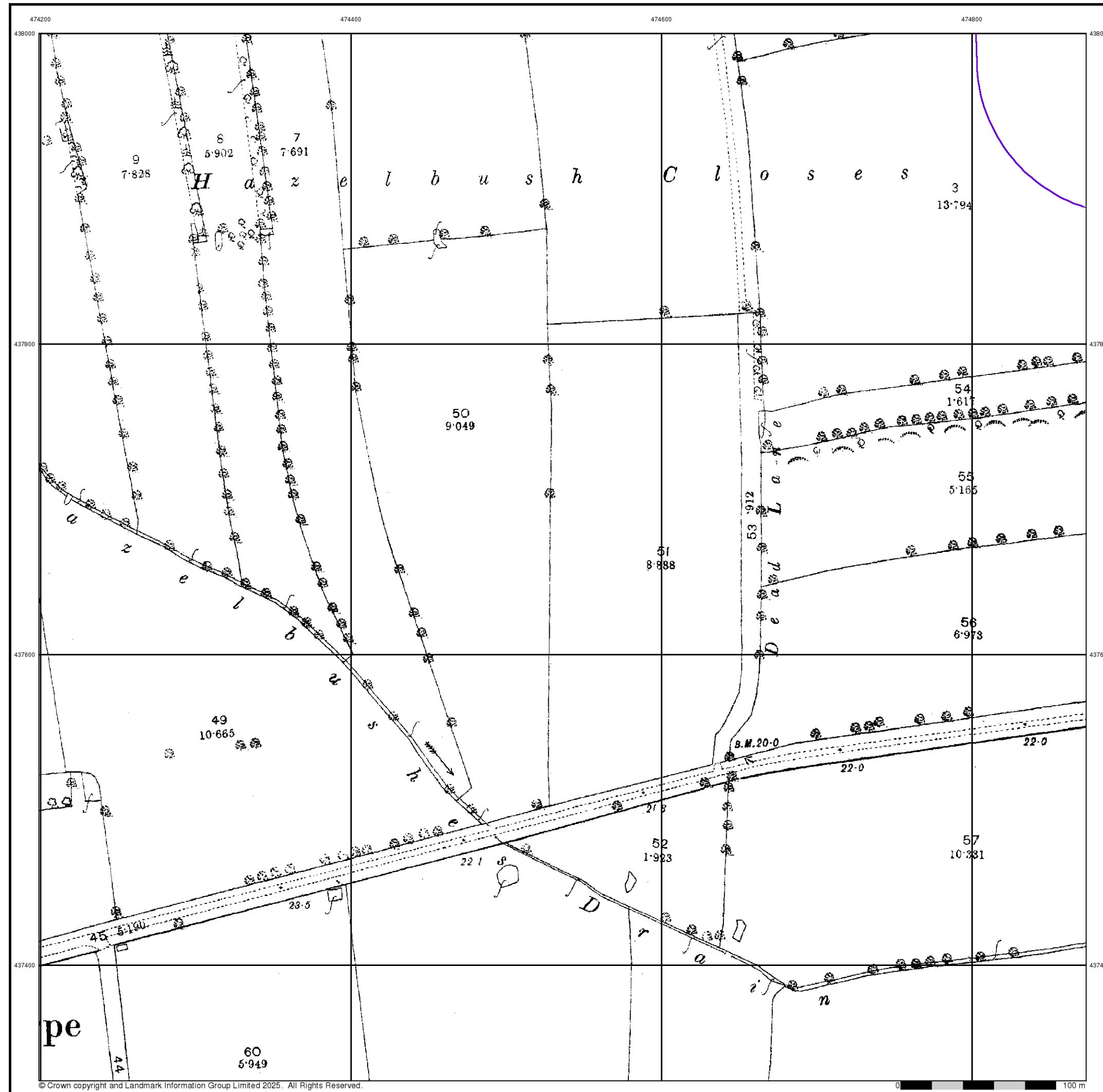
Order Number: 370061200_1_1
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 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah



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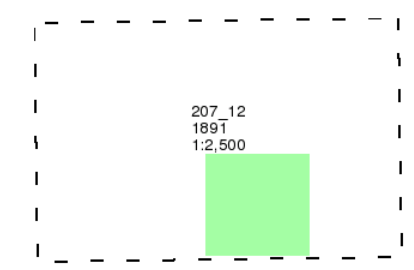
Yorkshire

Published 1891

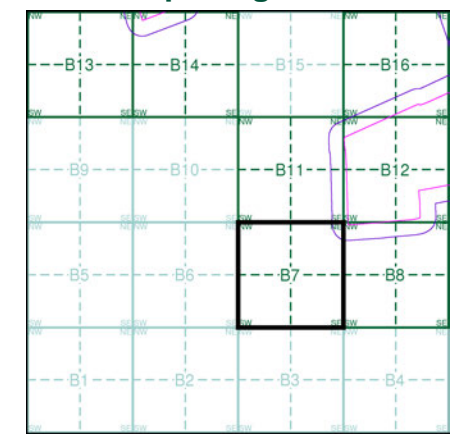
Source map scale - 1:2,500

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 B7



Order Details

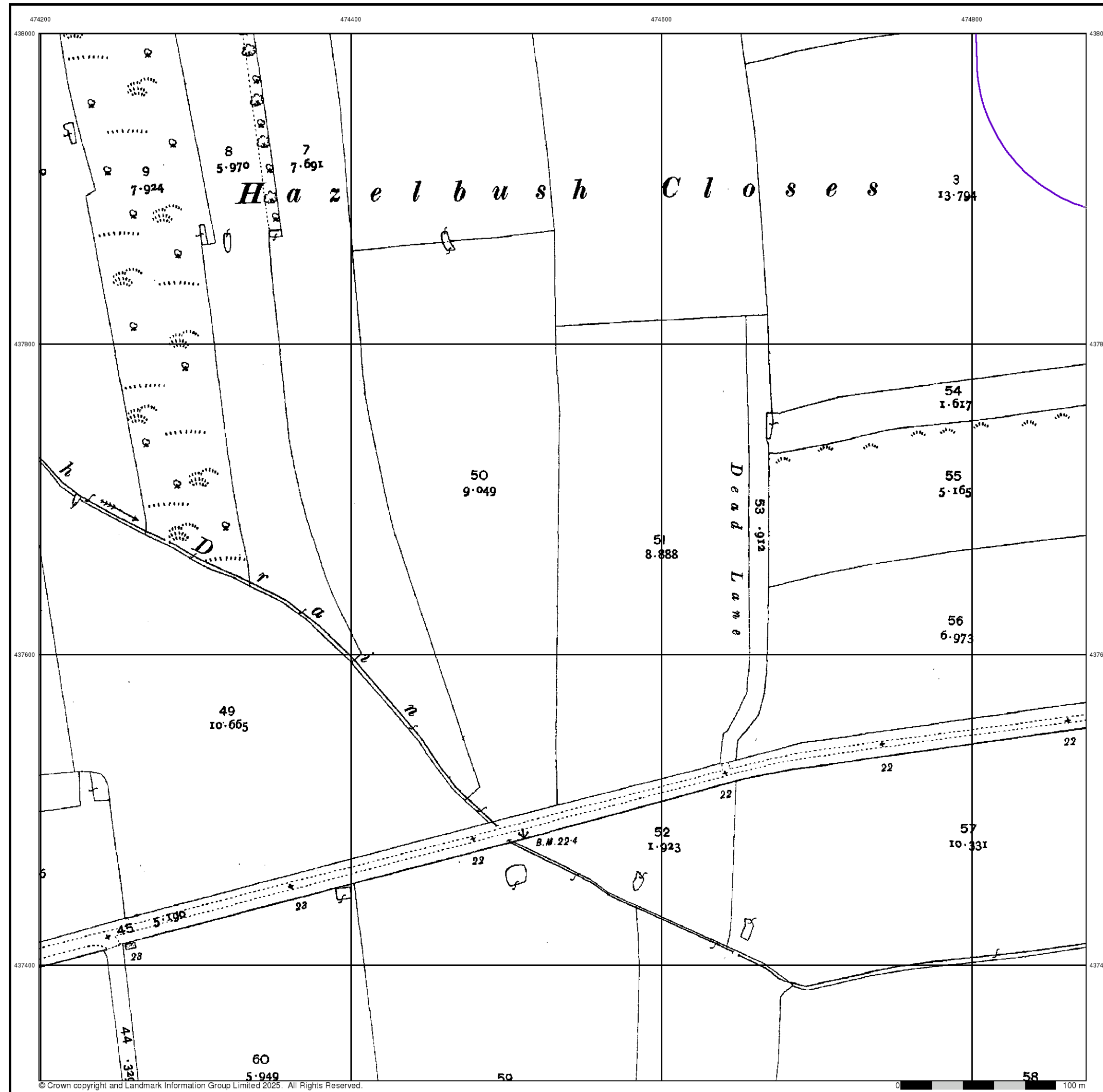
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leash



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 Fax: 0844 844 9951
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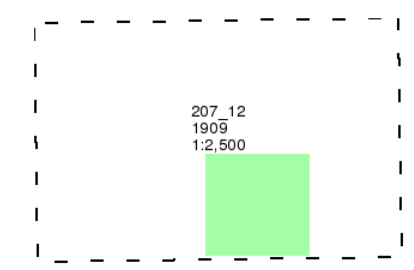
Yorkshire

Published 1909

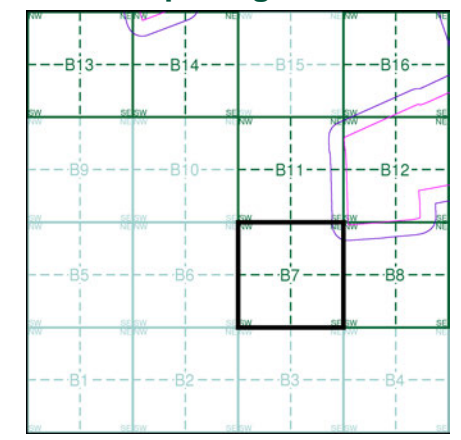
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B7



Order Details

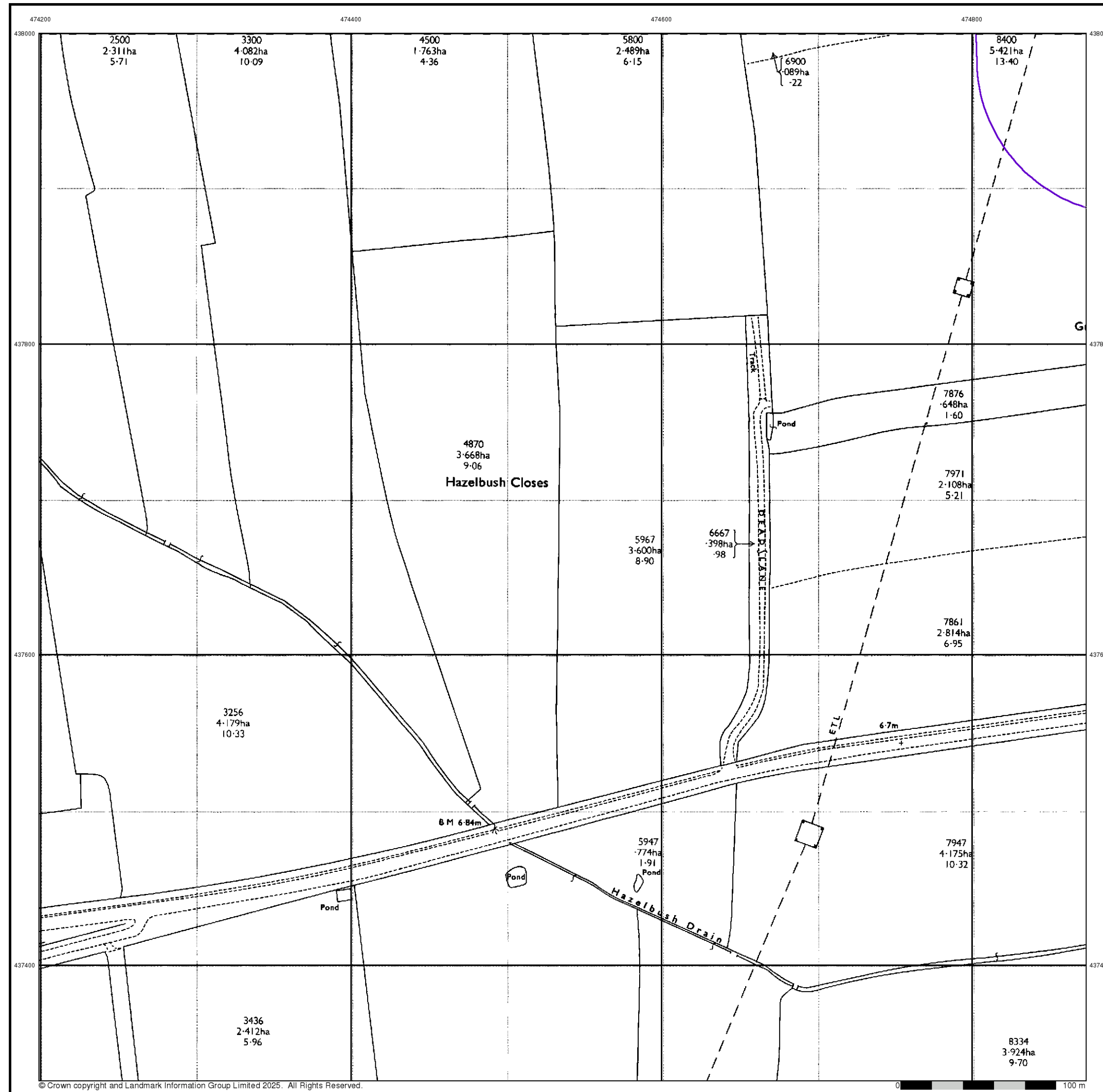
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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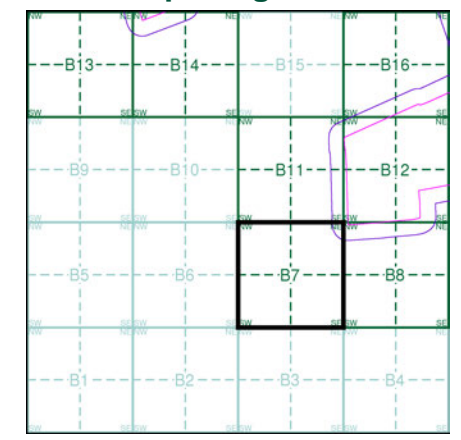
Ordnance Survey Plan
Published 1974
Source map scale - 1:2,500

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)

SE7438	1974	1:2,500
SE7437	1974	1:2,500

Historical Map - Segment B7



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1995

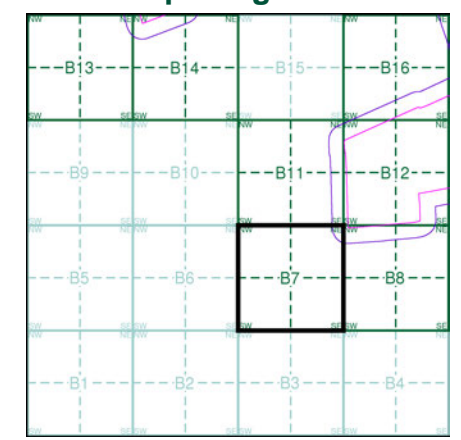
Source map scale - 1:2,500

'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)

SE7438	1995	1:2,500
SE7437	1995	1:2,500

Historical Map - Segment B7



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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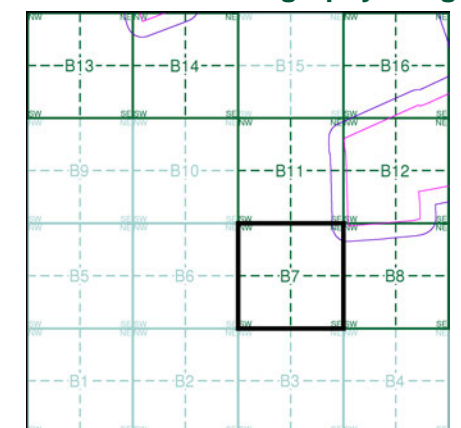


Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment B7



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah



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 Web: www.envirocheck.co.uk

Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

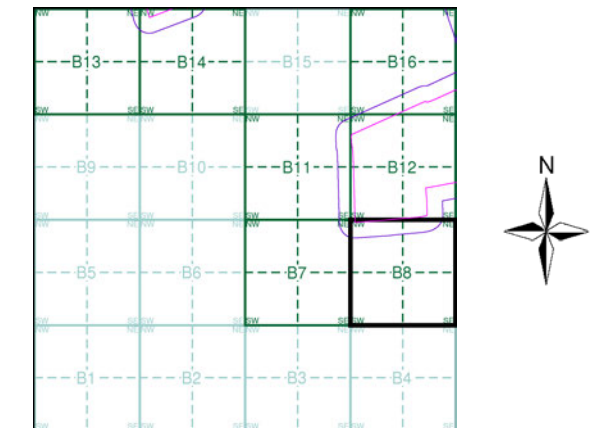
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1890 - 1891	2
Yorkshire	1:2,500	1909	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1995	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment B8



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah



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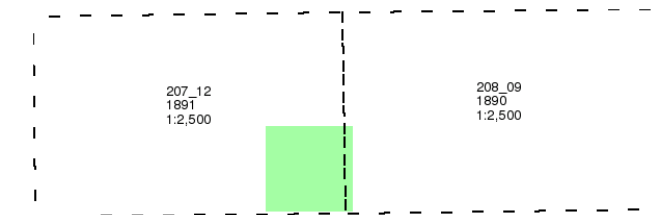
Yorkshire

Published 1890 - 1891

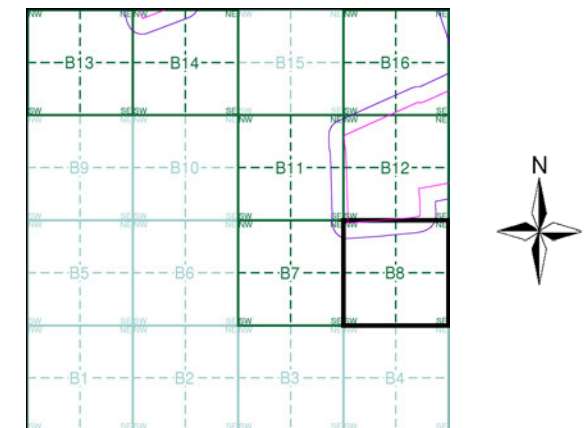
Source map scale - 1:2,500

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 B8



Order Details

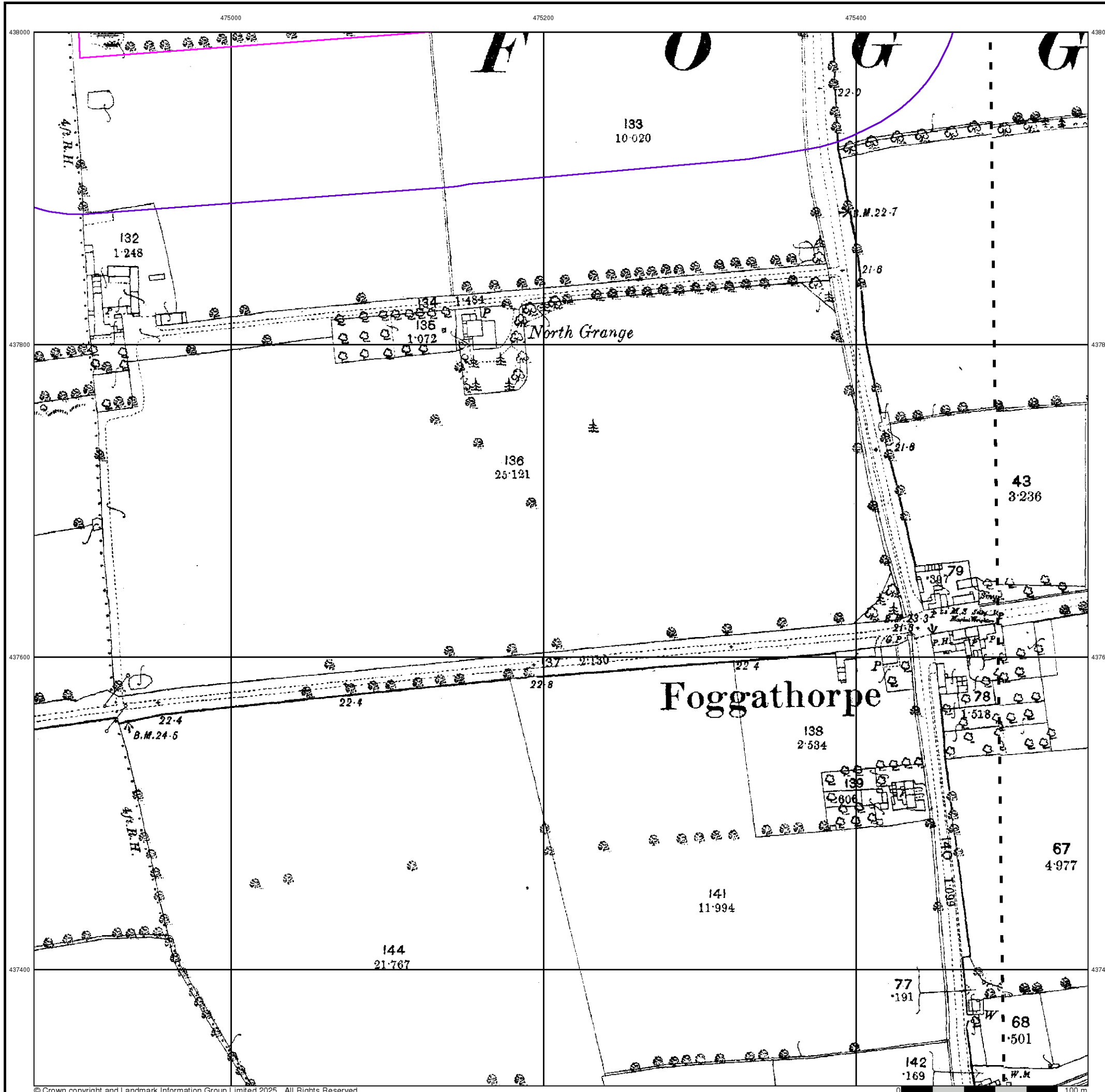
Order Number: 370061200_1_1
Customer Ref: P02153163
National Grid Reference: 474470, 438350
Slice: B
Site Area (Ha): 1888.5
Search Buffer (m): 100

Site Details

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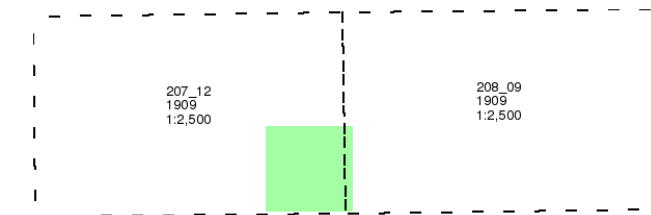
Yorkshire

Published 1909

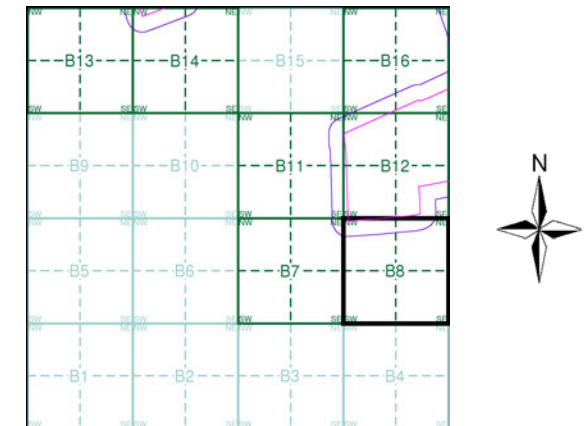
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B8



Order Details

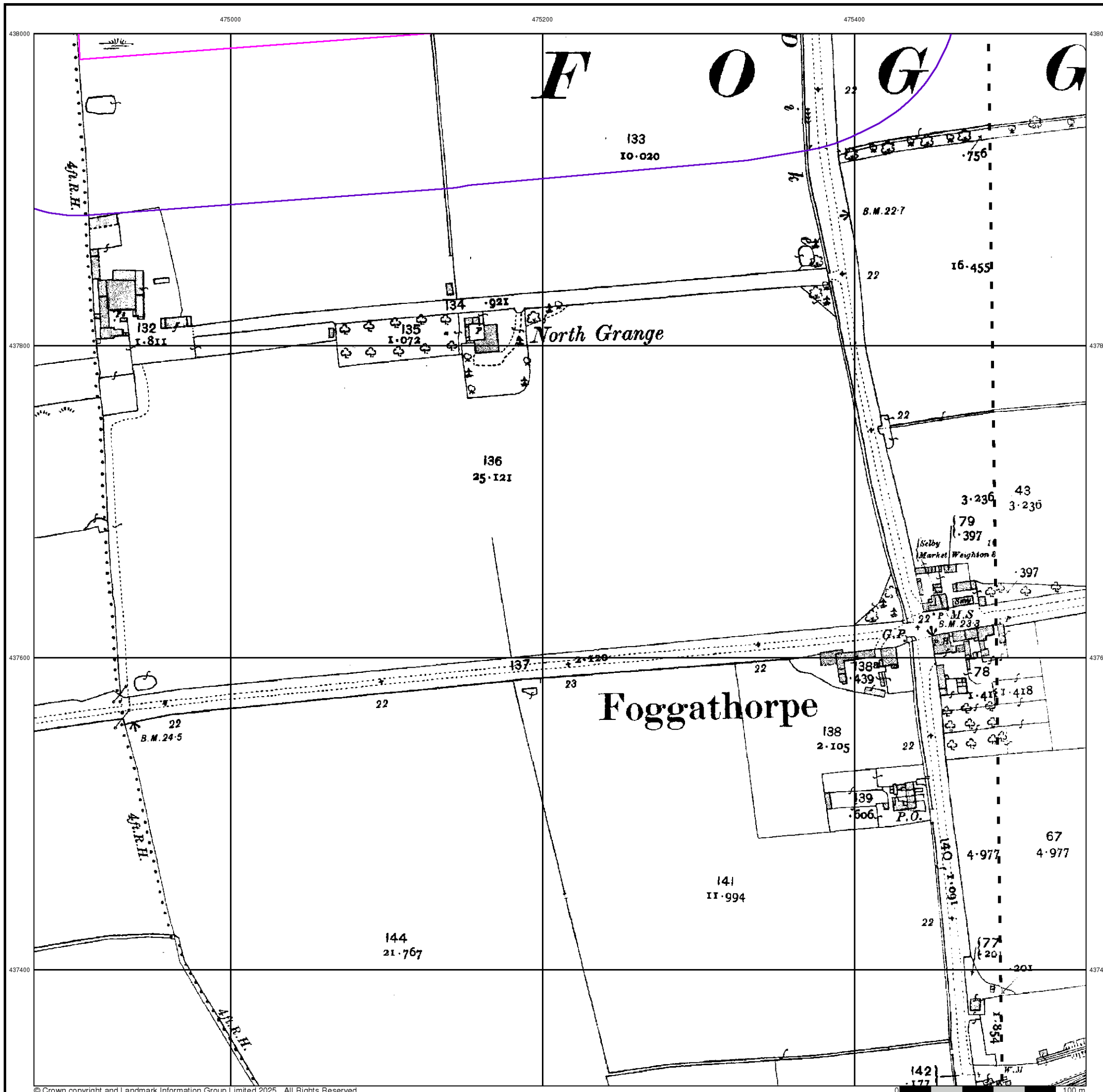
Order Number: 370061200_1_1
Customer Ref: P02153163
National Grid Reference: 474470, 438350
Slice: B
Site Area (Ha): 1888.5
Search Buffer (m): 100

Site Details

Mylen Leah



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Ordnance Survey Plan

Published 1974

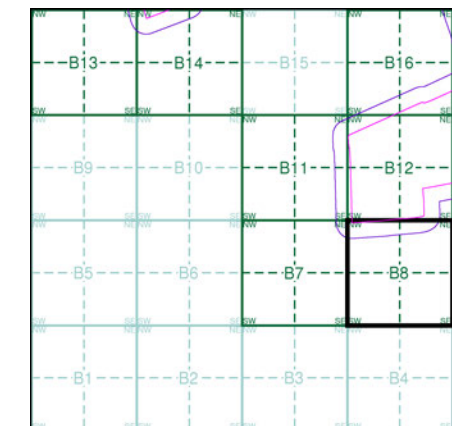
Source map scale - 1:2,500

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)

SE7438 1974 12,500	SE7538 1974 12,500
SE7437 1974 12,500	SE7537 1974 12,500

Historical Map - Segment B8



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1995

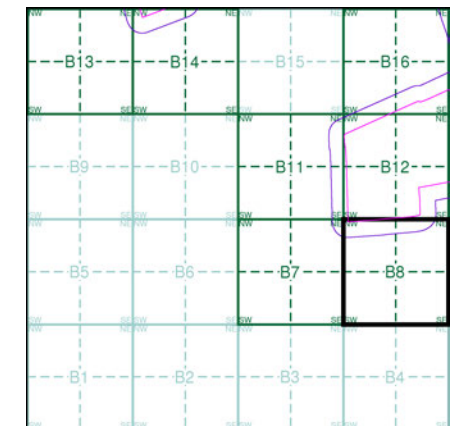
Source map scale - 1:2,500

'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)

SE7438 1995 1:2,500	SE7538 1995 1:2,500
SE7437 1995 1:2,500	SE7537 1995 1:2,500

Historical Map - Segment B8



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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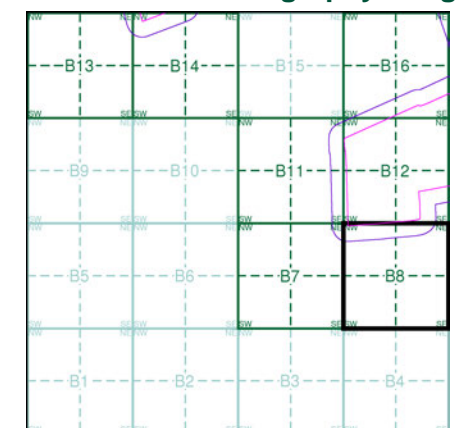


Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment B8



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

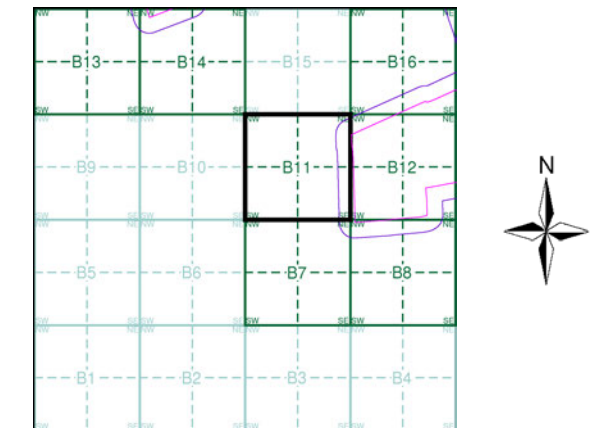
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1891	2
Yorkshire	1:2,500	1909	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1995	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment B11



Order Details

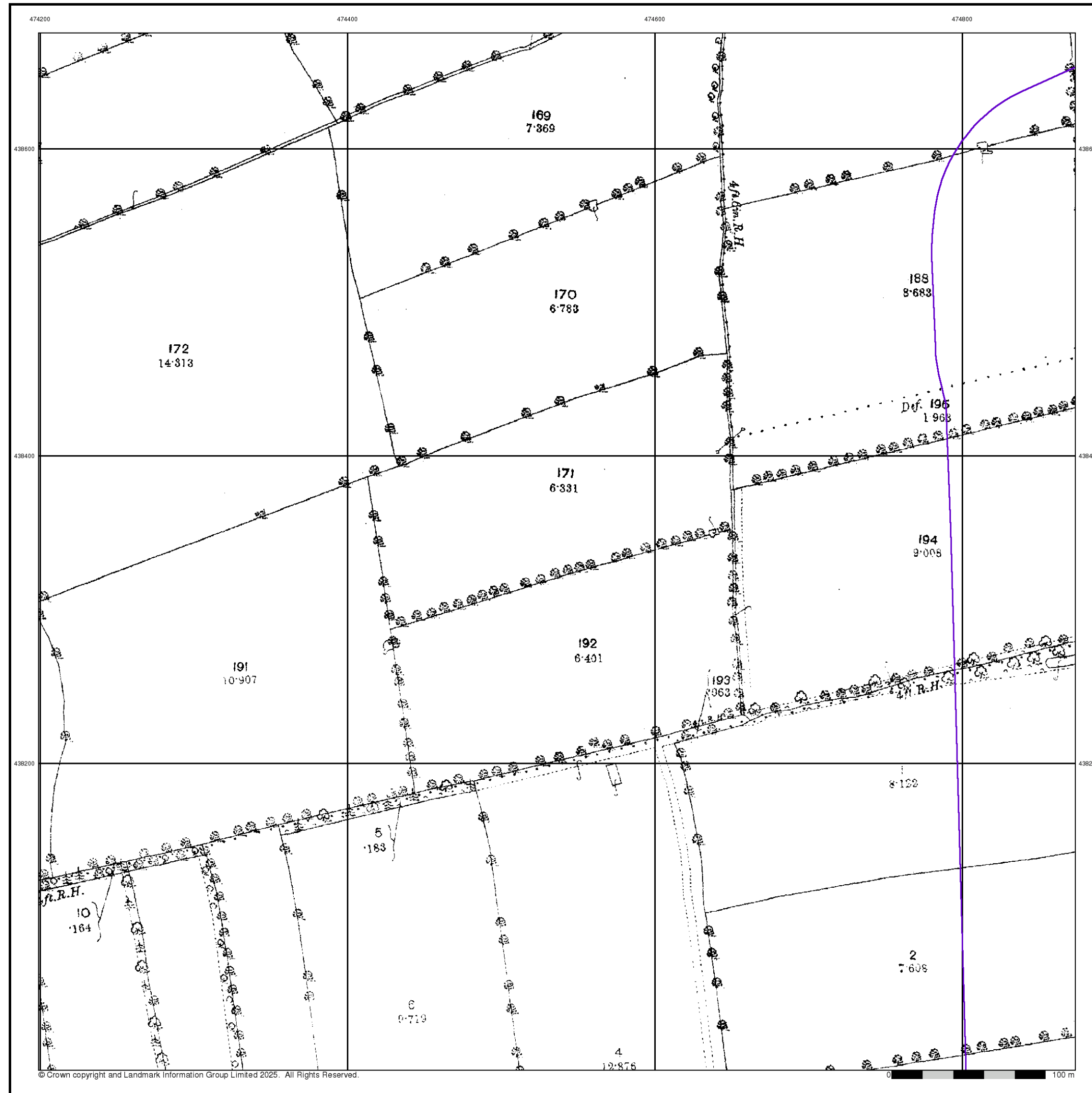
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah



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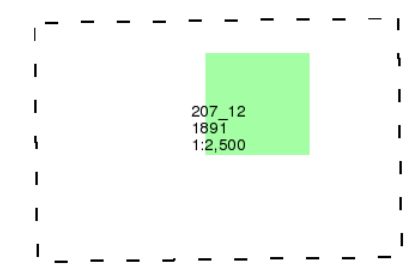
Yorkshire

Published 1891

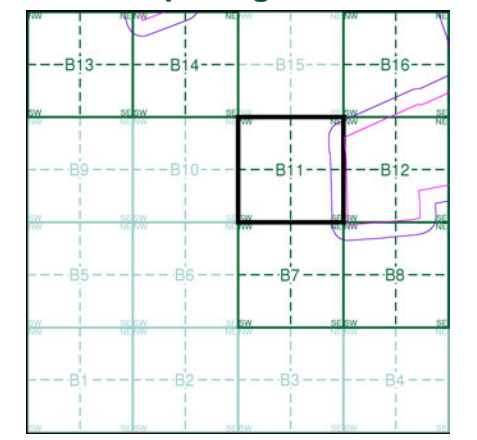
Source map scale - 1:2,500

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 B11



Order Details

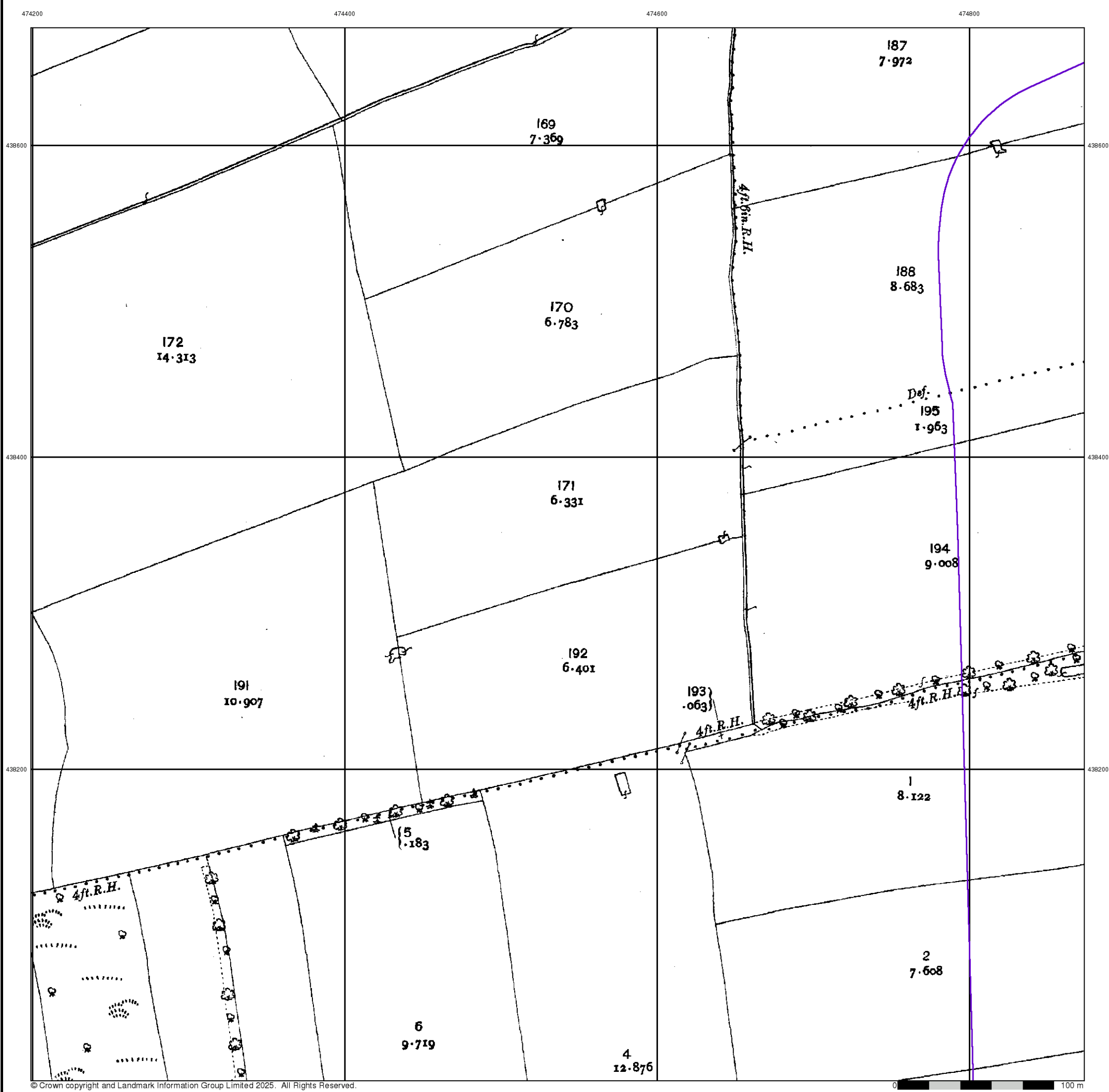
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah



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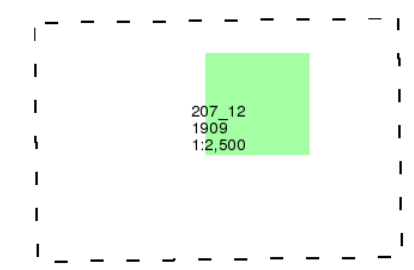
Yorkshire

Published 1909

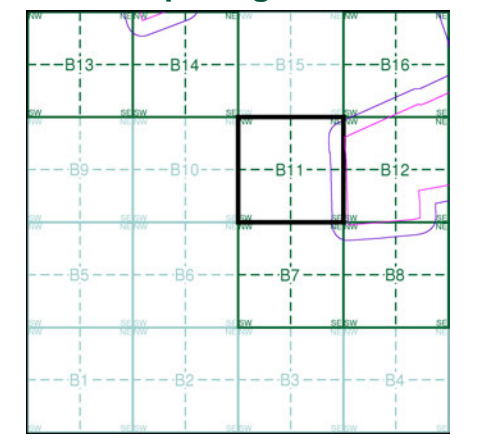
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B11



Order Details

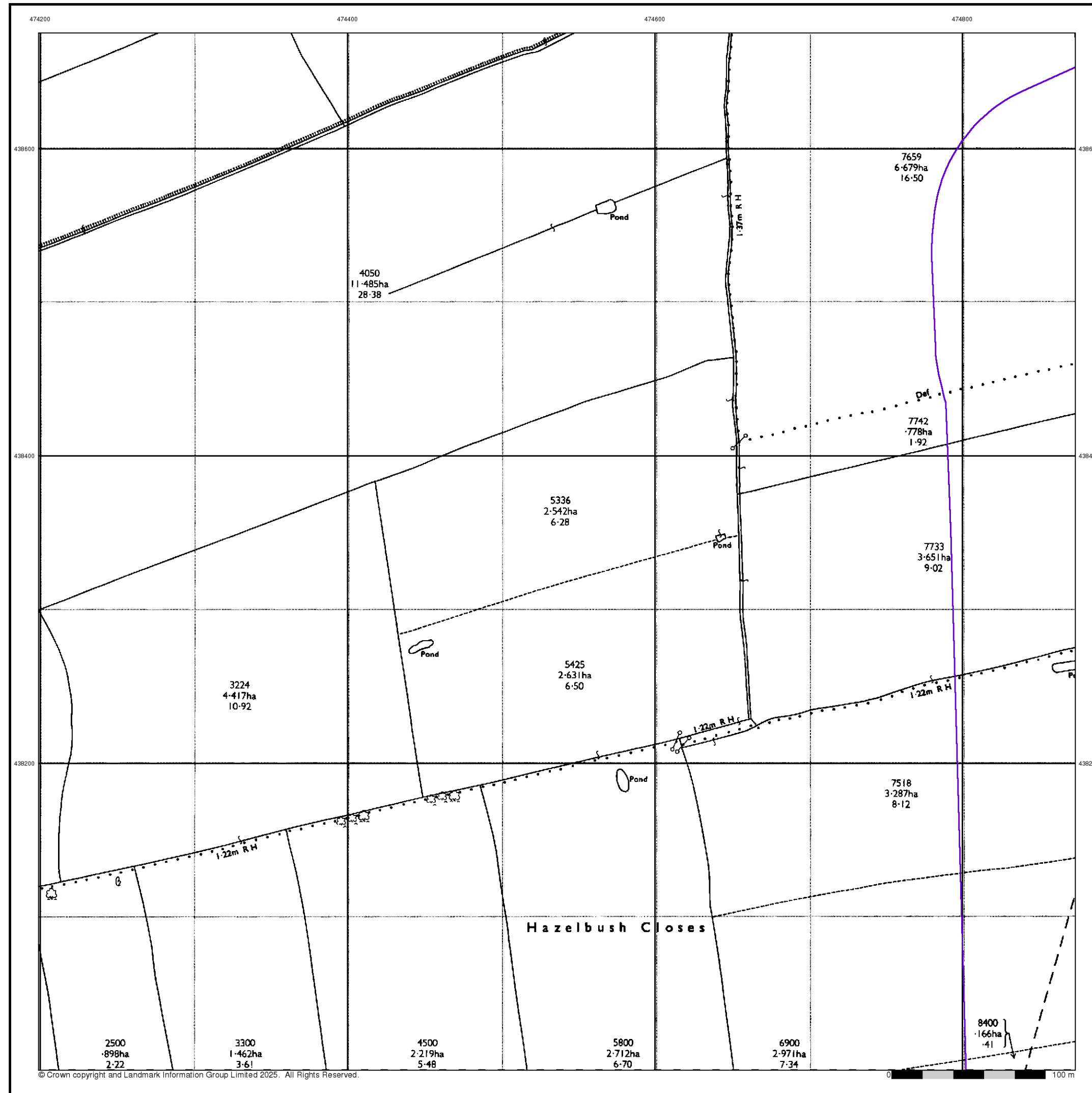
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah



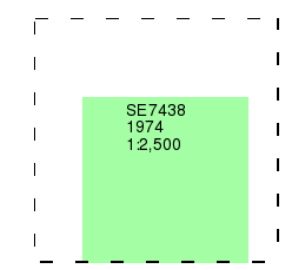
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



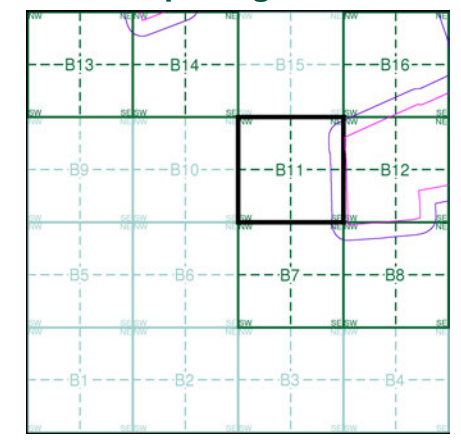
Ordnance Survey Plan
Published 1974
Source map scale - 1:2,500

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 B11



Order Details

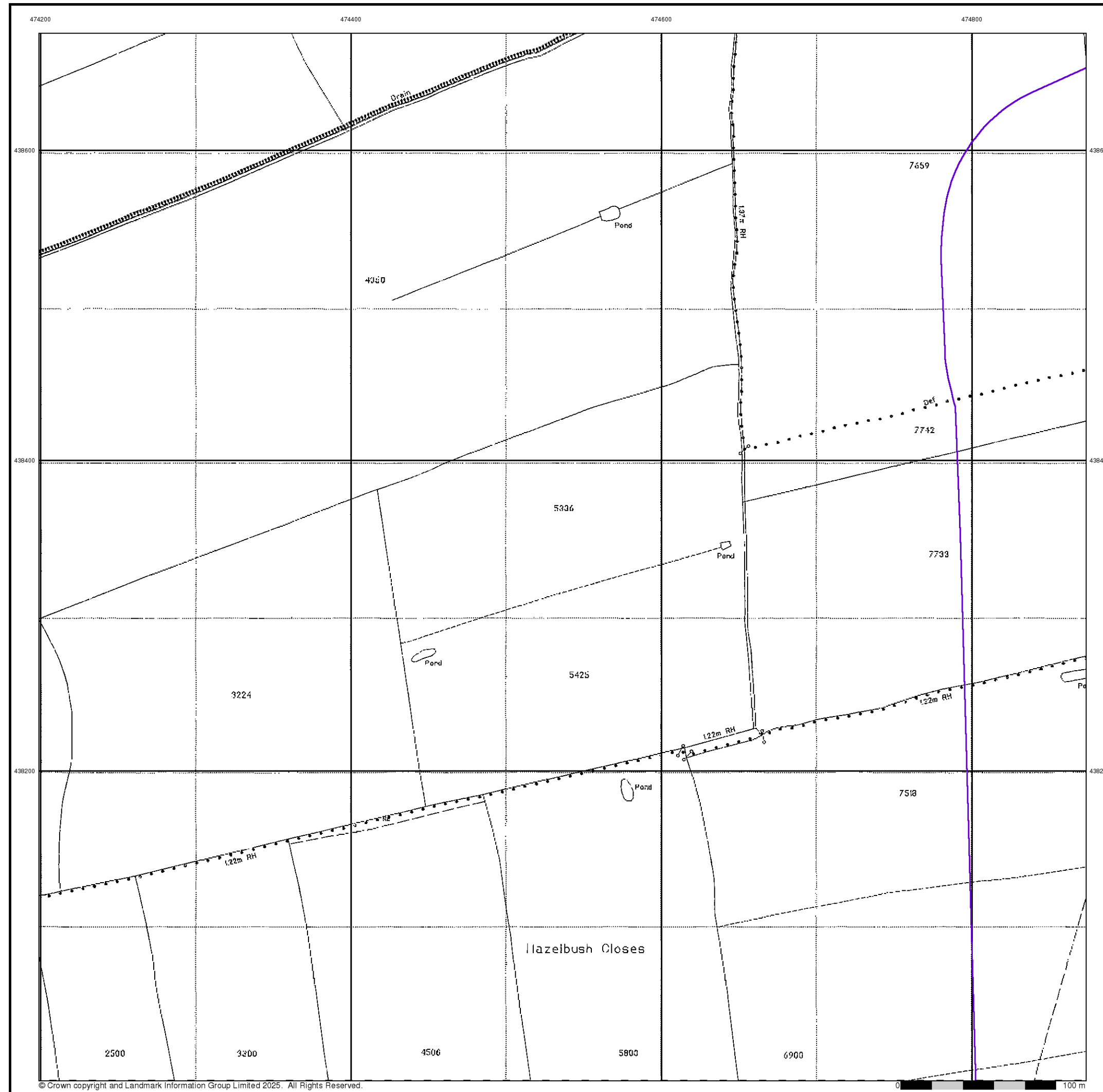
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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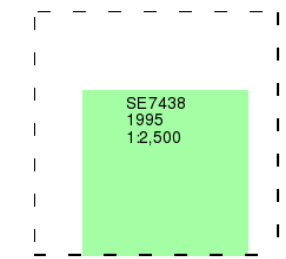
© Crown copyright and Landmark Information Group Limited 2025. All Rights Reserved.



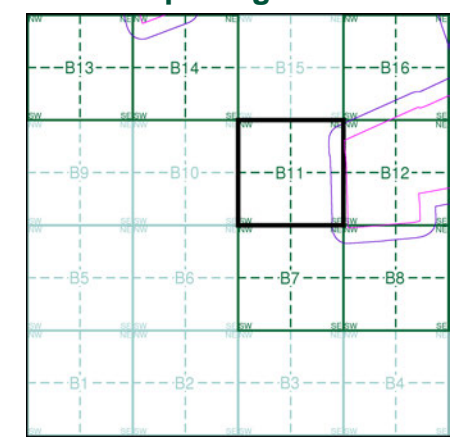
Large-Scale National Grid Data
Published 1995
Source map scale - 1:2,500

'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 B11



Order Details

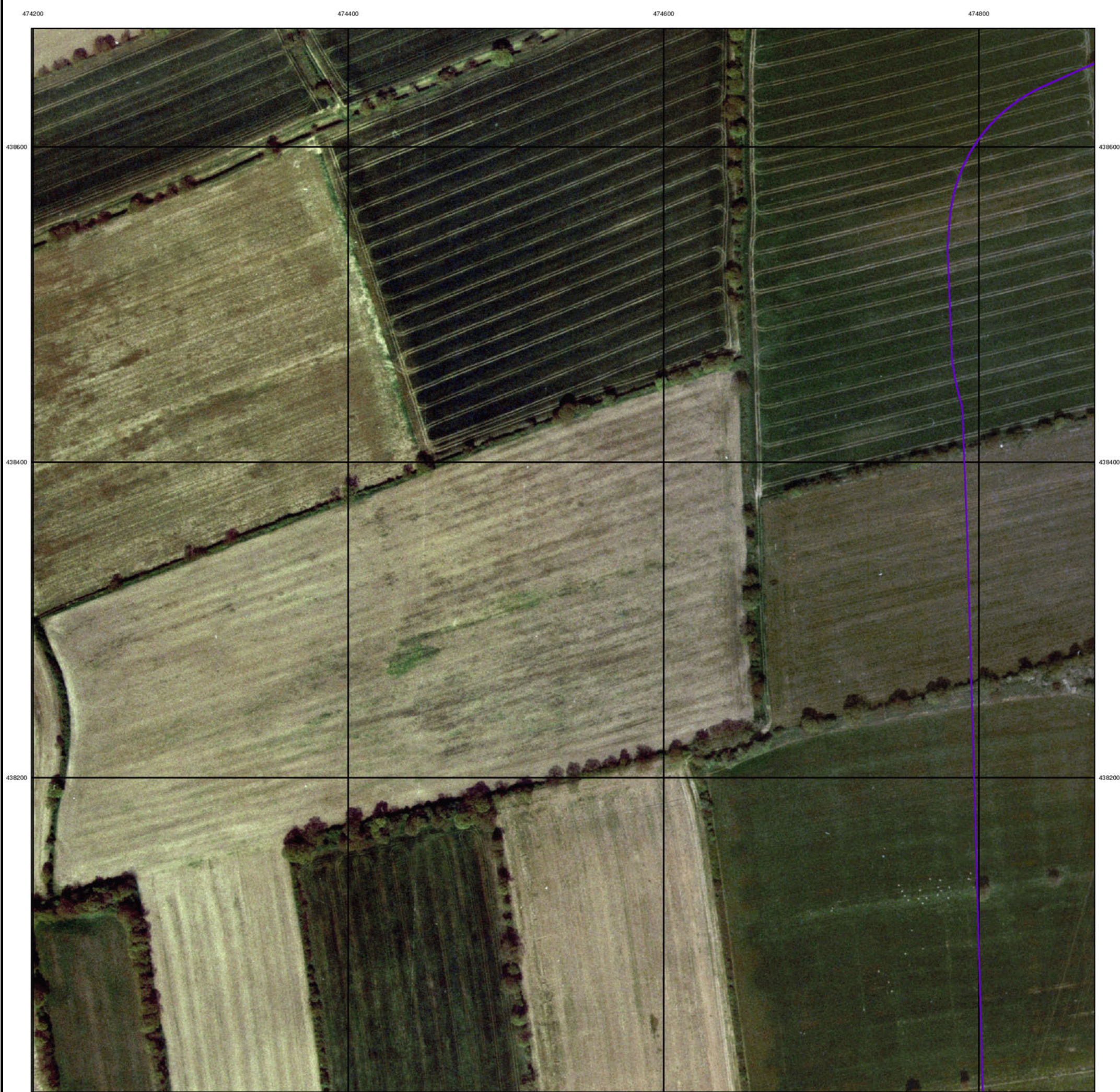
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah



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0 100 m

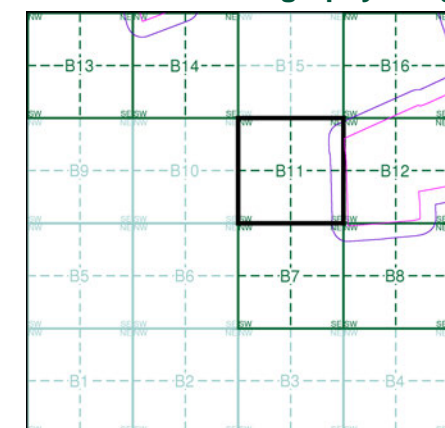


Historical Aerial Photography

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 B11



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah



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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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Boundary Post or Stone **Police Call Box**
B.R. **Bridle Road** **P** **Pump**
E.P. **Electricity Pylon** **S.P.** **Signal Post**
F.B. **Foot Bridge** **Sl.** **Sluice**
F.P. **Foot Path** **Sp.** **Spring**
G.P. **Guide Post or Board** **T.C.B.** **Telephone Call Box**
M.S. **Mile Stone** **Tr.** **Trough**
M.P. M.R. **Mooring Post or Ring** **W** **Well**

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

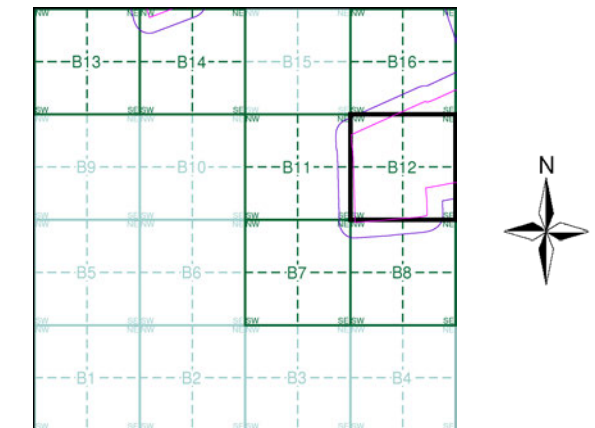
Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH **Beer House** **P** **Pillar, Pole or Post**
BP, BS **Boundary Post or Stone** **PO** **Post Office**
Cn, C **Capstan, Crane** **PC** **Public Convenience**
Chy **Chimney** **PH** **Public House**
D Fn **Drinking Fountain** **Pp** **Pump**
EI P **Electricity Pillar or Post** **SB, S Br** **Signal Box or Bridge**
FAP **Fire Alarm Pillar** **SP, SL** **Signal Post or Light**
FB **Foot Bridge** **Spr** **Spring**
GP **Guide Post** **Tk** **Tank or Track**
H **Hydrant or Hydraulic** **TCB** **Telephone Call Box**
LC **Level Crossing** **TCP** **Telephone Call Post**
MH **Manhole** **Tr** **Trough**
MP **Mile Post or Mooring Post** **Wr Pt, Wr T** **Water Point, Water Tap**
MS **Mile Stone** **W** **Well**
NTL **Normal Tidal Limit** **Wd Pp** **Wind Pump**

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

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m **Bench Mark** **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks **Barracks** **P** **Pillar, Pole or Post**
Bty **Battery** **PO** **Post Office**
Cemy **Cemetery** **PC** **Public Convenience**
Chy **Chimney** **Pp** **Pump**
Cis **Cistern** **Ppg Sta** **Pumping Station**
Dismtd Rly **Dismantled Railway** **PW** **Place of Worship**
EI Gen Sta **Electricity Generating Station** **Sewage Ppg Sta** **Sewage Pumping Station**
EI P **Electricity Pole, Pillar** **SB, S Br** **Signal Box or Bridge**
EI Sub Sta **Electricity Sub Station** **SP, SL** **Signal Post or Light**
FB **Filter Bed** **Spr** **Spring**
Fn / D Fn **Fountain / Drinking Ftn.** **Tk** **Tank or Track**
Gas Gov **Gas Valve Compound** **Tr** **Trough**
GVC **Gas Governor** **Wd Pp** **Wind Pump**
GP **Guide Post** **Wr Pt, Wr T** **Water Point, Water Tap**
MH **Manhole** **Wks** **Works (building or area)**
MP, MS **Mile Post or Mile Stone** **W** **Well**

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1890 - 1891	2
Yorkshire	1:2,500	1909	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1995	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment B12



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah

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



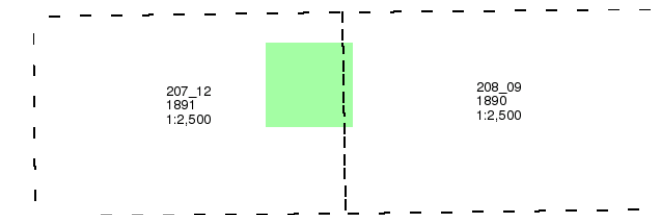
Yorkshire

Published 1890 - 1891

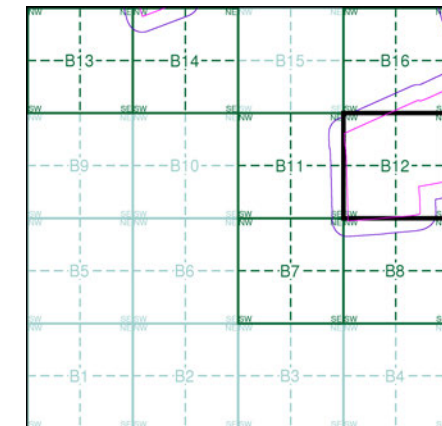
Source map scale - 1:2,500

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 B12



Order Details

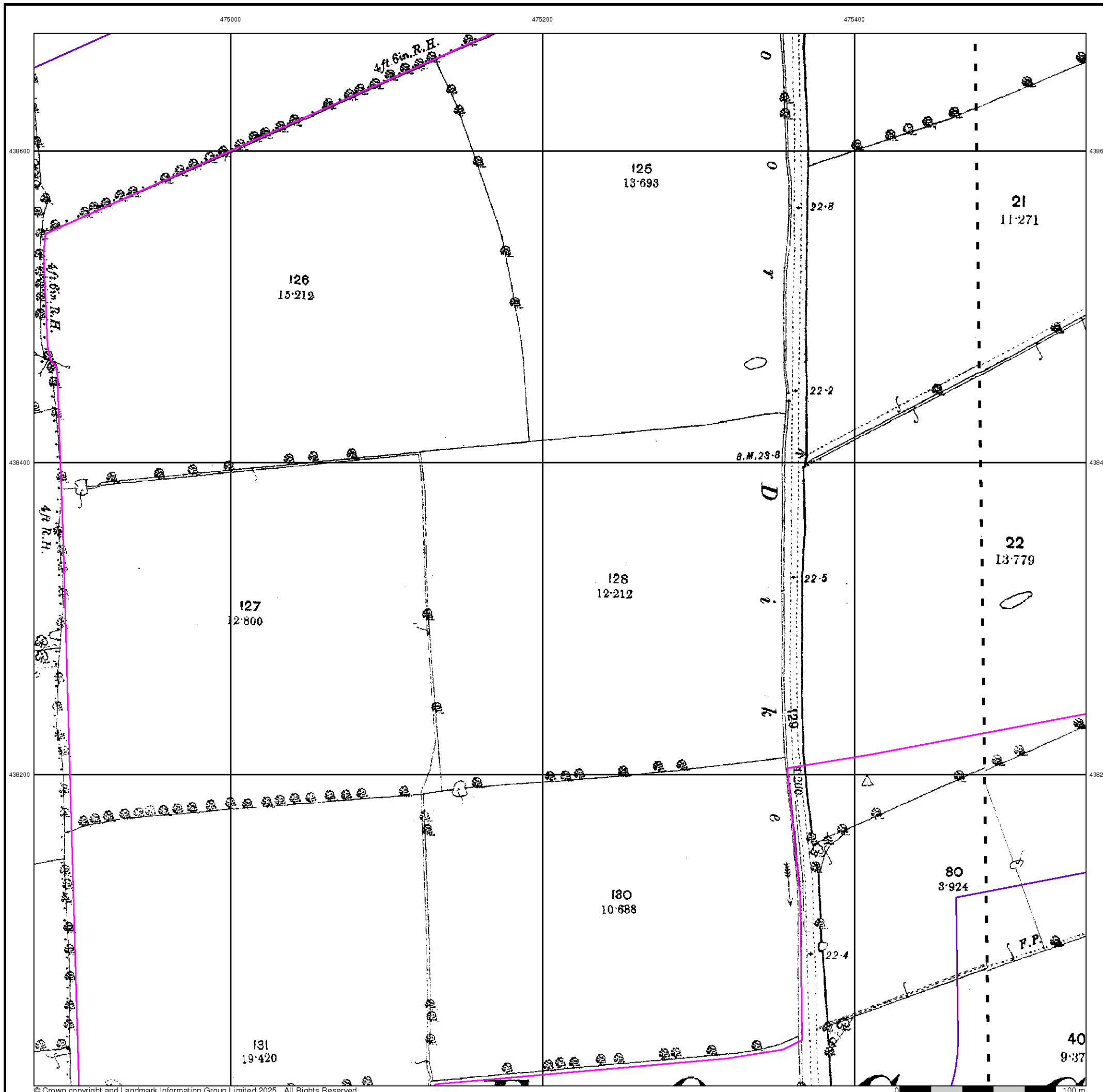
Order Number: 370061200_1_1
Customer Ref: P02153163
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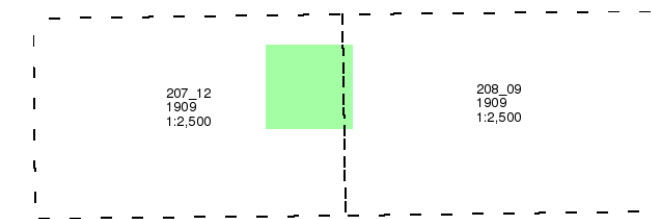
Yorkshire

Published 1909

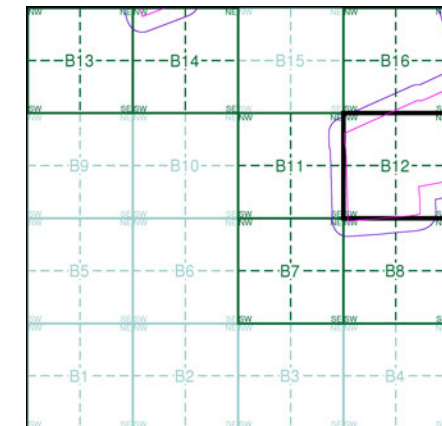
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B12



Order Details

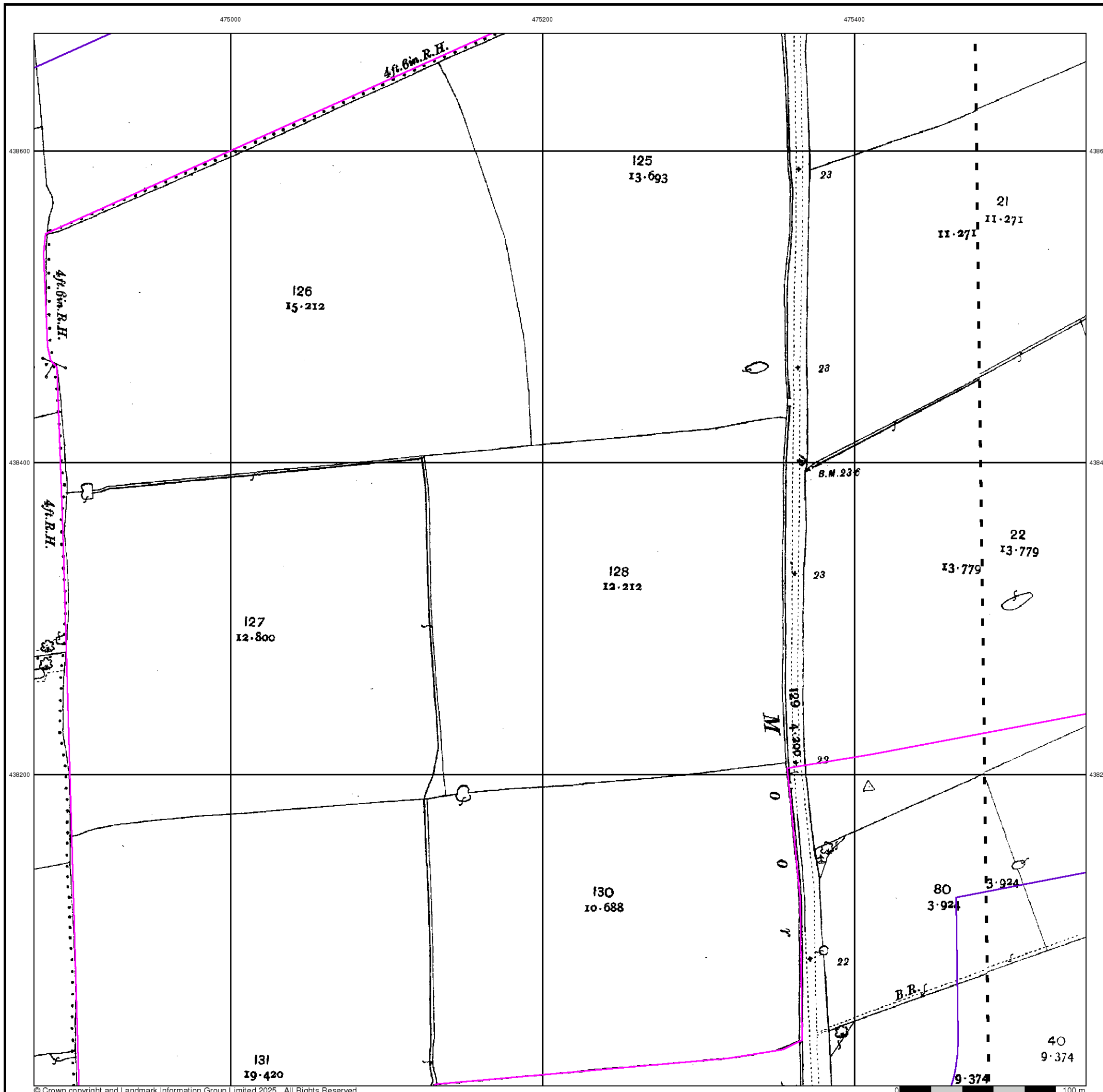
Order Number: 370061200_1_1
Customer Ref: P02153163
National Grid Reference: 474470, 438350
Slice: B
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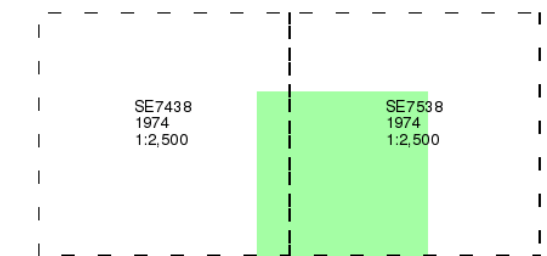
Ordnance Survey Plan

Published 1974

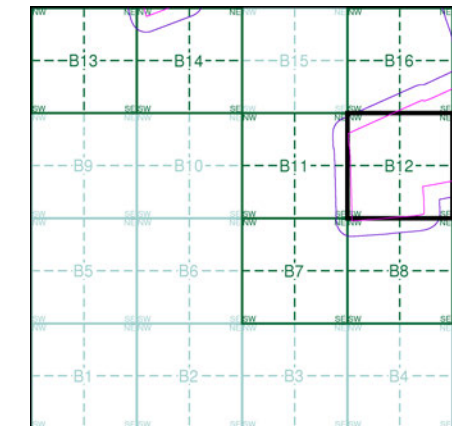
Source map scale - 1:2,500

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 B12



Order Details

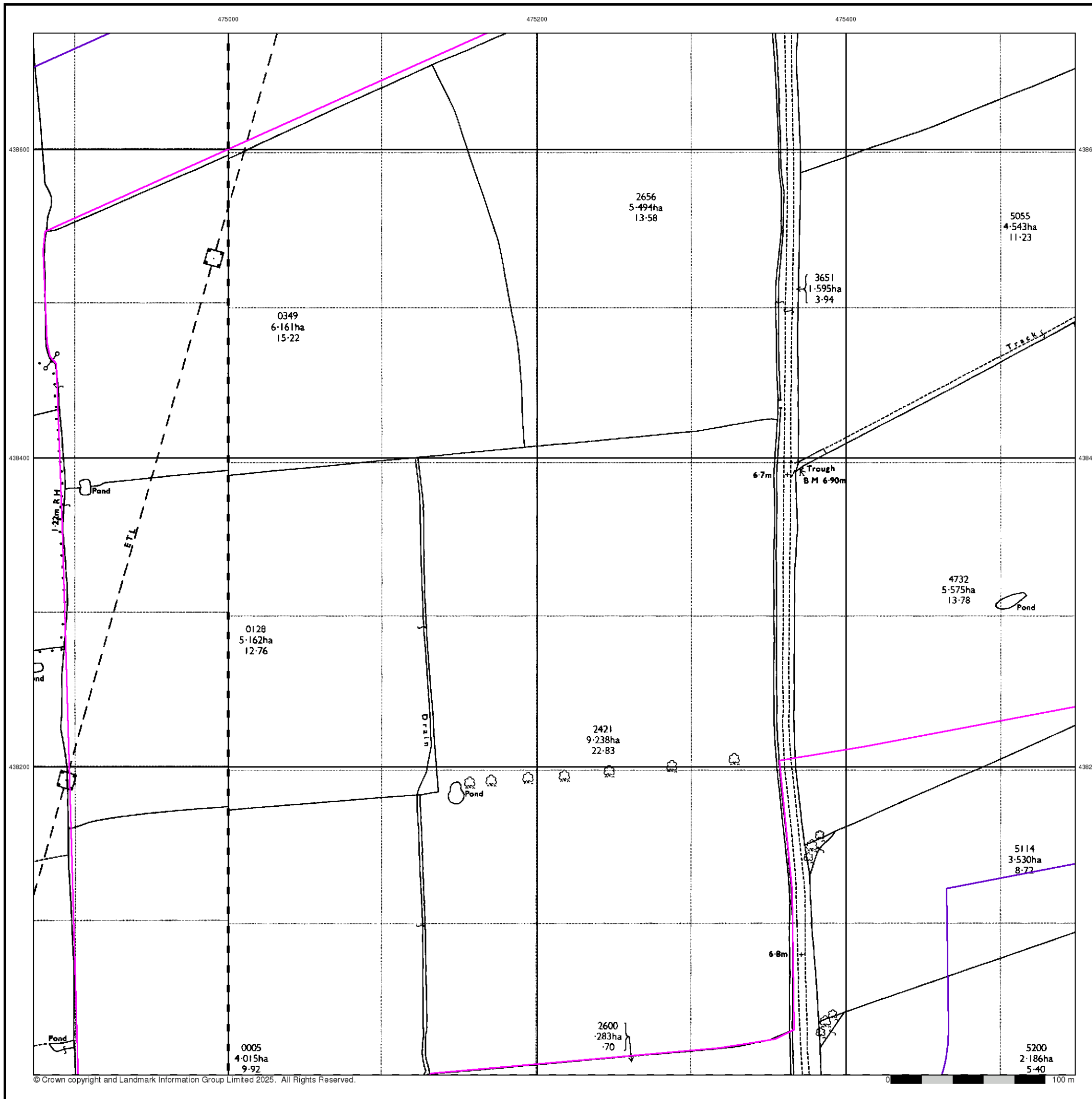
Order Number: 370061200_1_1
Customer Ref: P02153163
National Grid Reference: 474470, 438350
Slice: B
Site Area (Ha): 1888.5
Search Buffer (m): 100

Site Details

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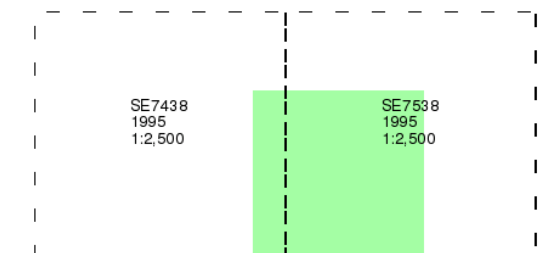
Large-Scale National Grid Data

Published 1995

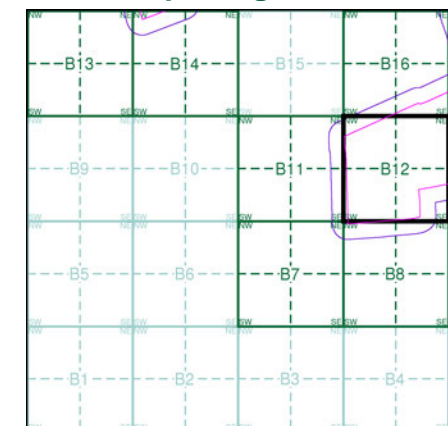
Source map scale - 1:2,500

'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 B12



Order Details

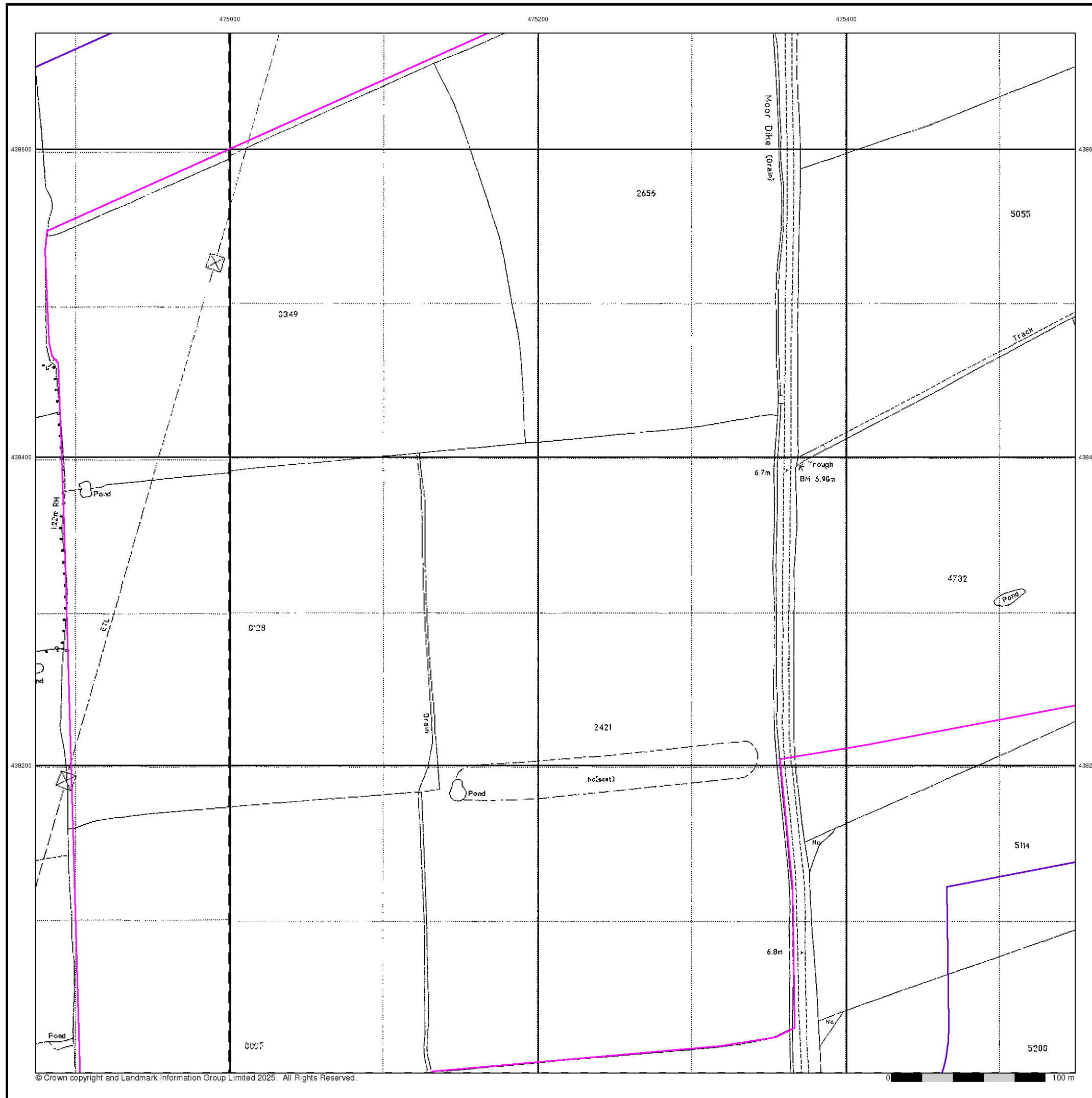
Order Number: 370061200_1_1
Customer Ref: P02153163
National Grid Reference: 474470, 438350
Slice: B
Site Area (Ha): 1888.5
Search Buffer (m): 100

Site Details

Mylen Leah



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475000

475200

475400

438600

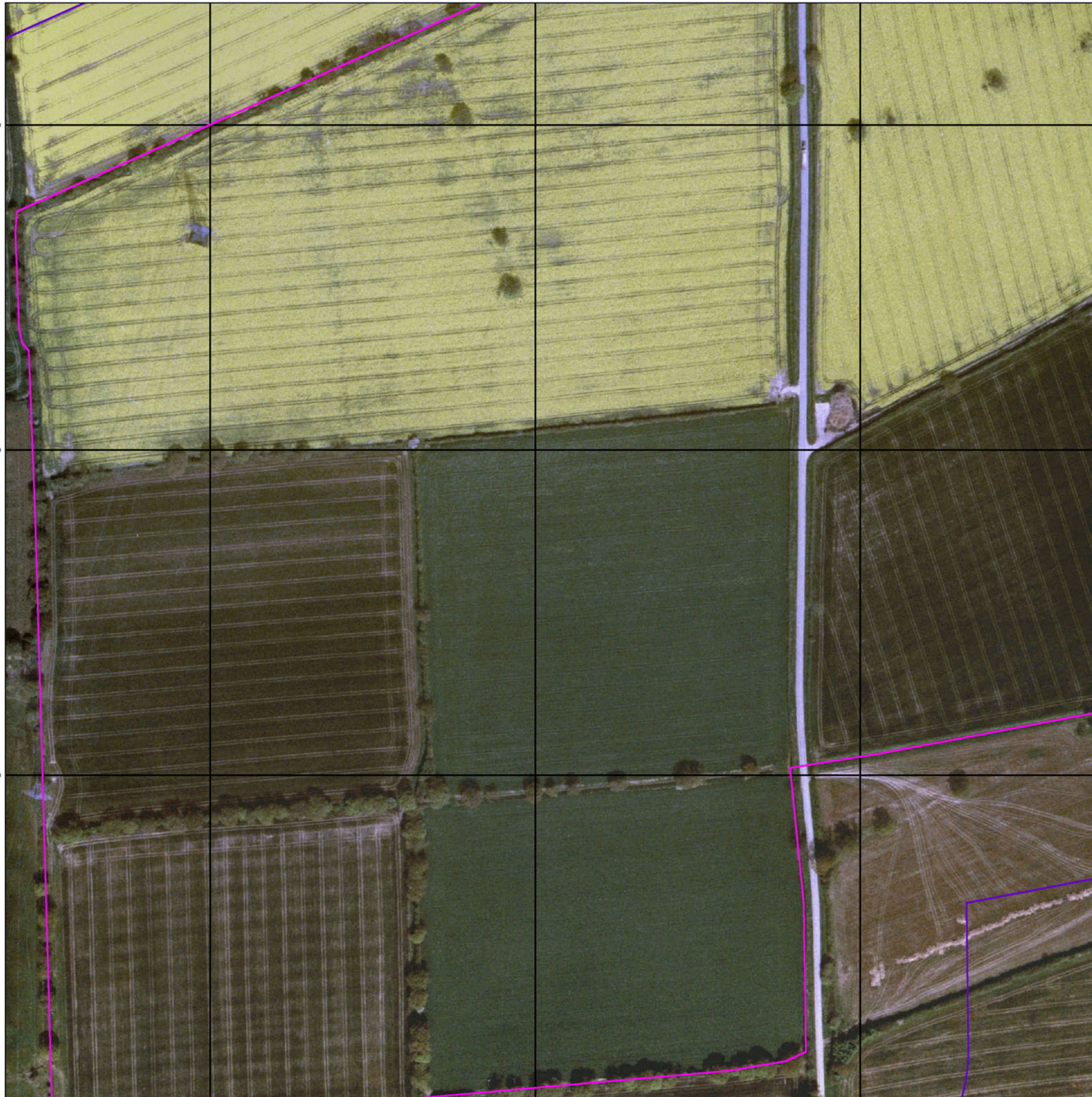
438600

438400

438400

438200

438200



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0 100 m

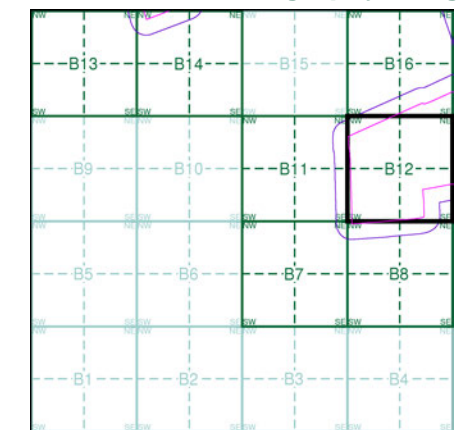


Historical Aerial Photography

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 B12



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah



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

Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

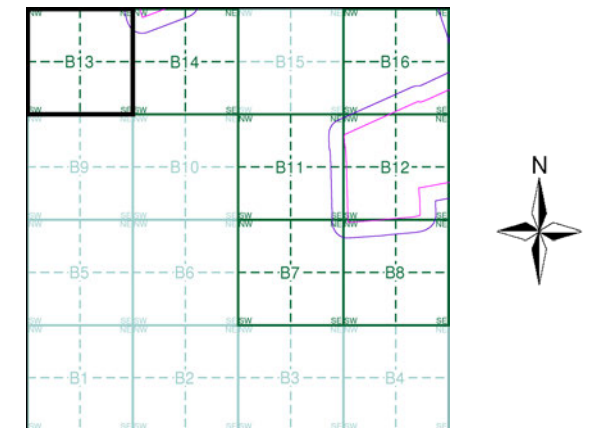
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1890 - 1891	2
Yorkshire	1:2,500	1909	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1995	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment B13



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah



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



Yorkshire

Published 1890 - 1891

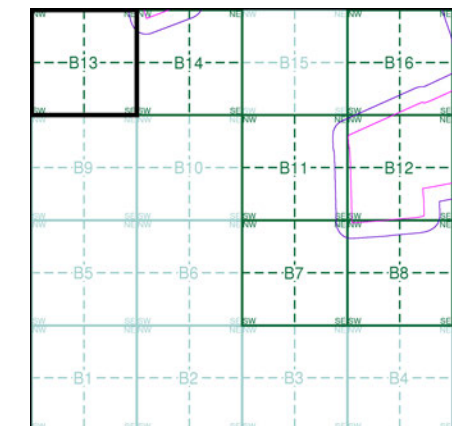
Source map scale - 1:2,500

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)

207_07 1891 1:2,500	207_08 1890 1:2,500
207_11 1891 1:2,500	207_12 1891 1:2,500

Historical Map - Segment B13



Order Details

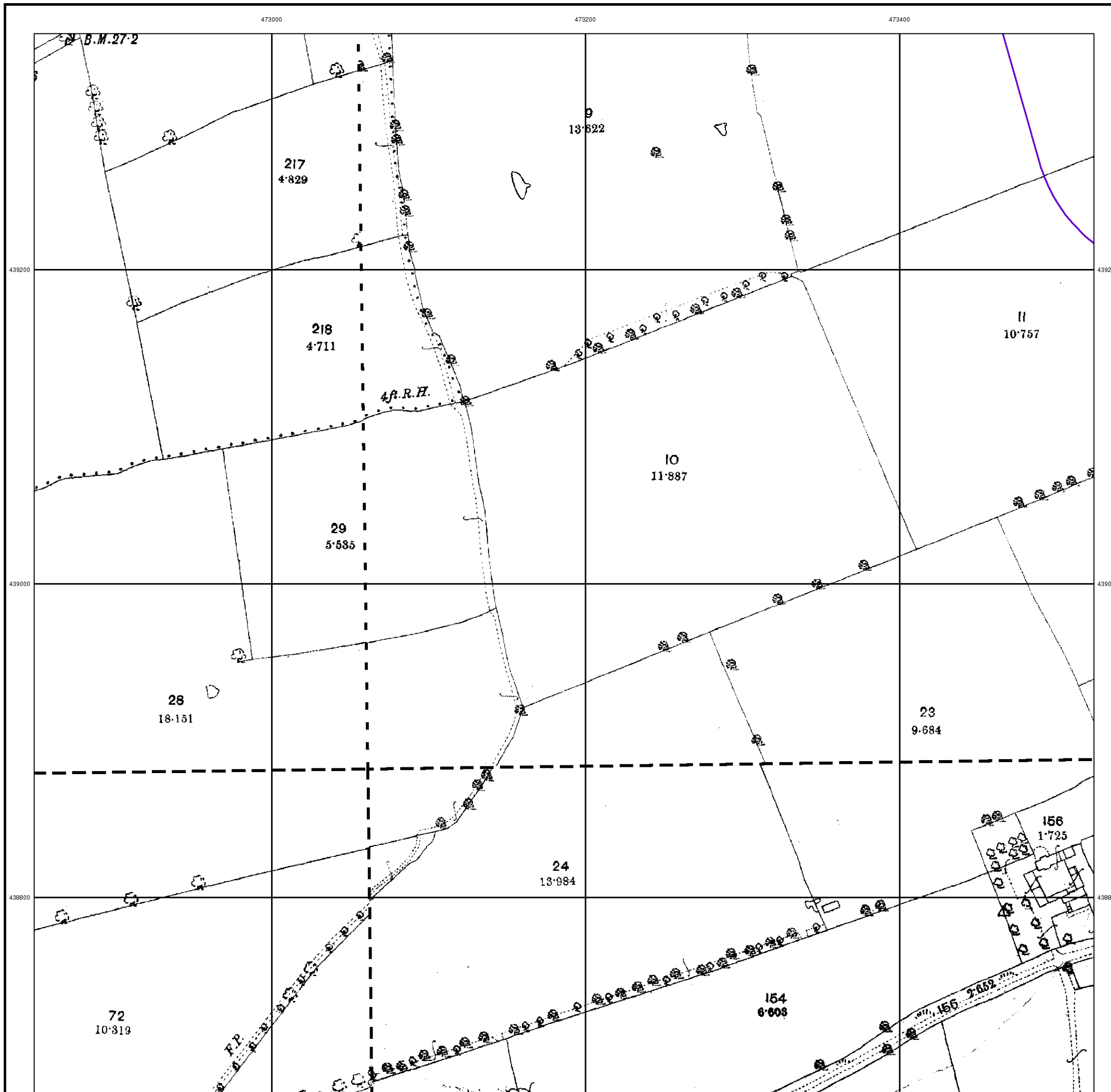
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah



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 Fax: 0844 844 9951
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Yorkshire

Published 1909

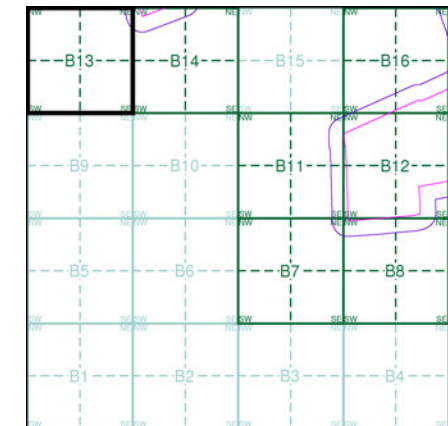
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

207_07 1909 1:2,500	207_08 1909 1:2,500
207_11 1909 1:2,500	207_12 1909 1:2,500

Historical Map - Segment B13



Order Details

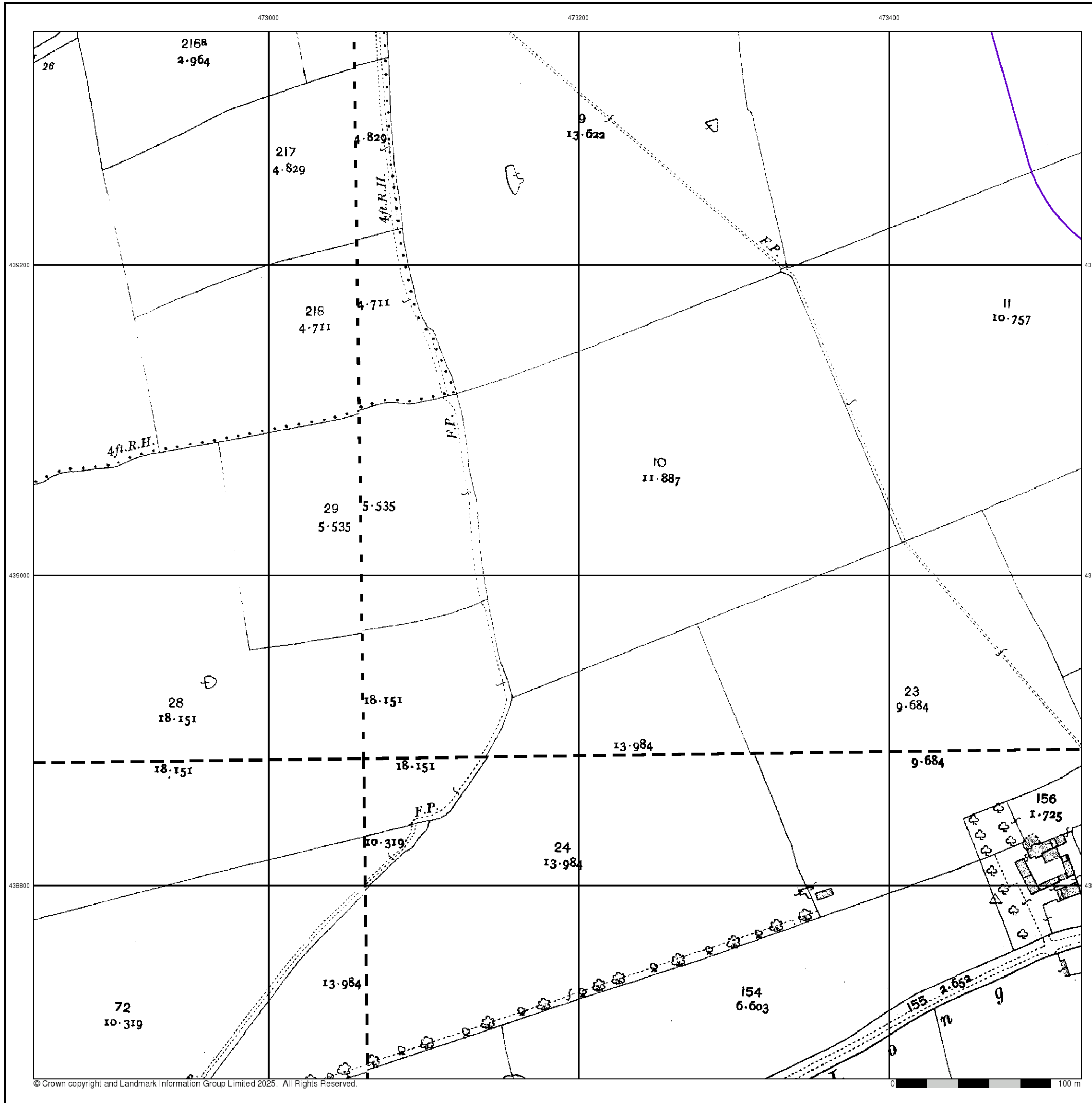
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1974

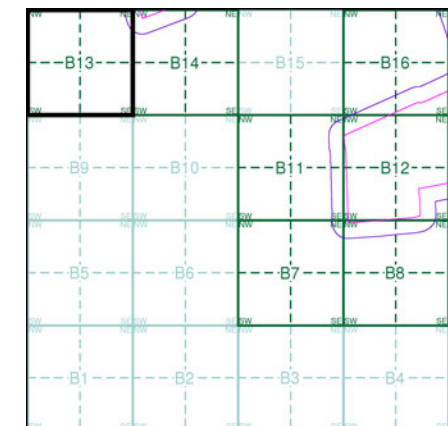
Source map scale - 1:2,500

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)

SE7239 1974 1:2,500	SE7339 1974 1:2,500
SE7238 1974 1:2,500	SE7338 1974 1:2,500

Historical Map - Segment B13



Order Details

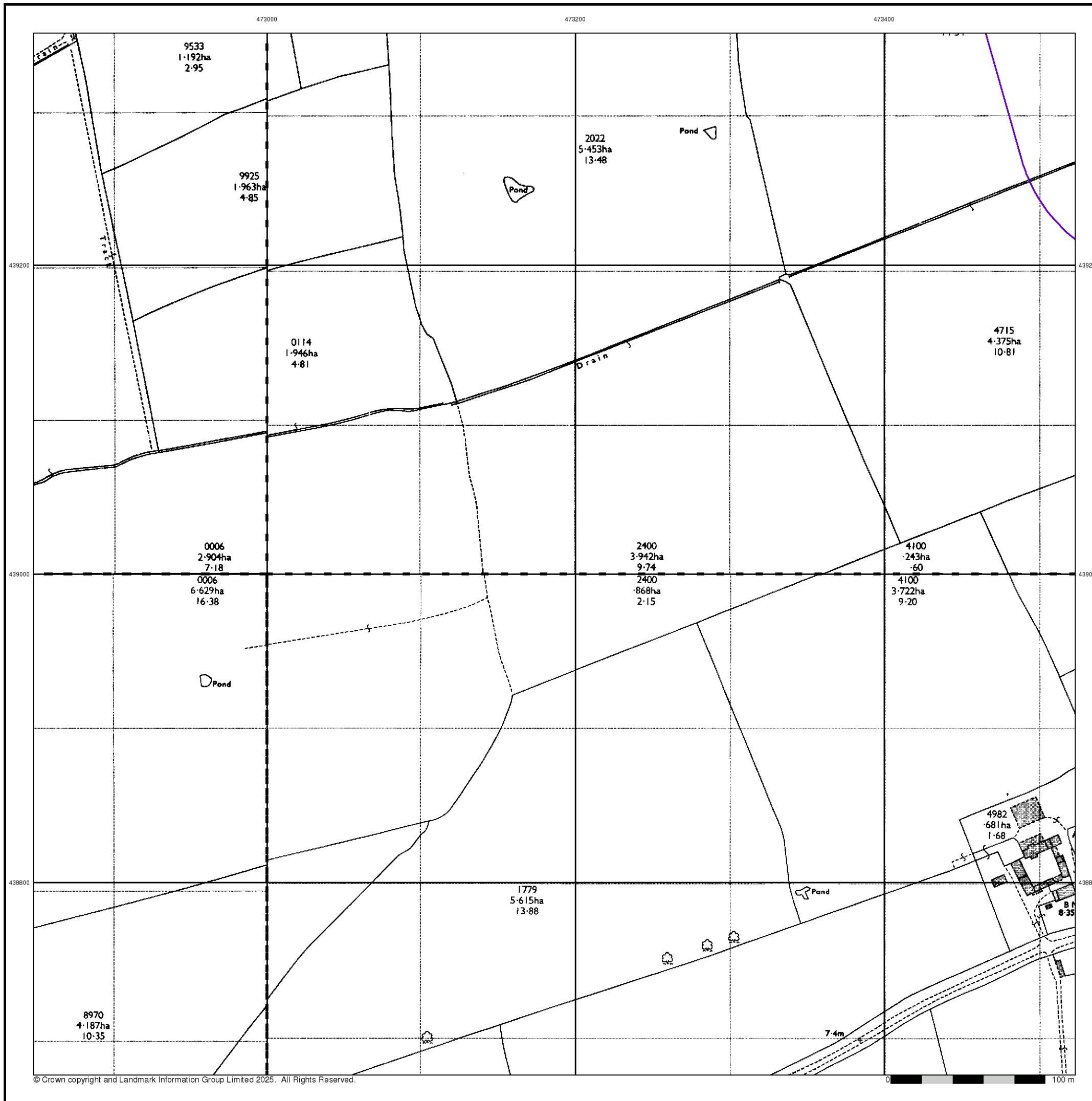
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah



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Large-Scale National Grid Data

Published 1995

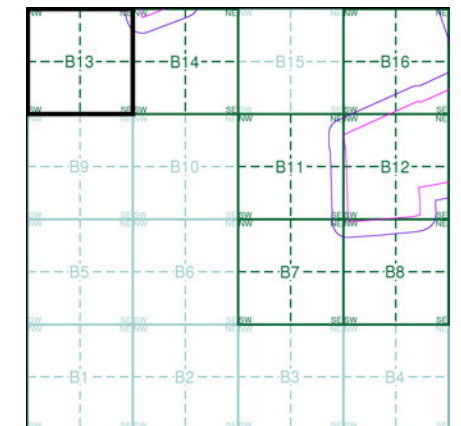
Source map scale - 1:2,500

'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)

SE7239	SE7339
1995	1995
12,500	12,500
SE7238	SE7338
1995	1995
12,500	12,500

Historical Map - Segment B13



Order Details

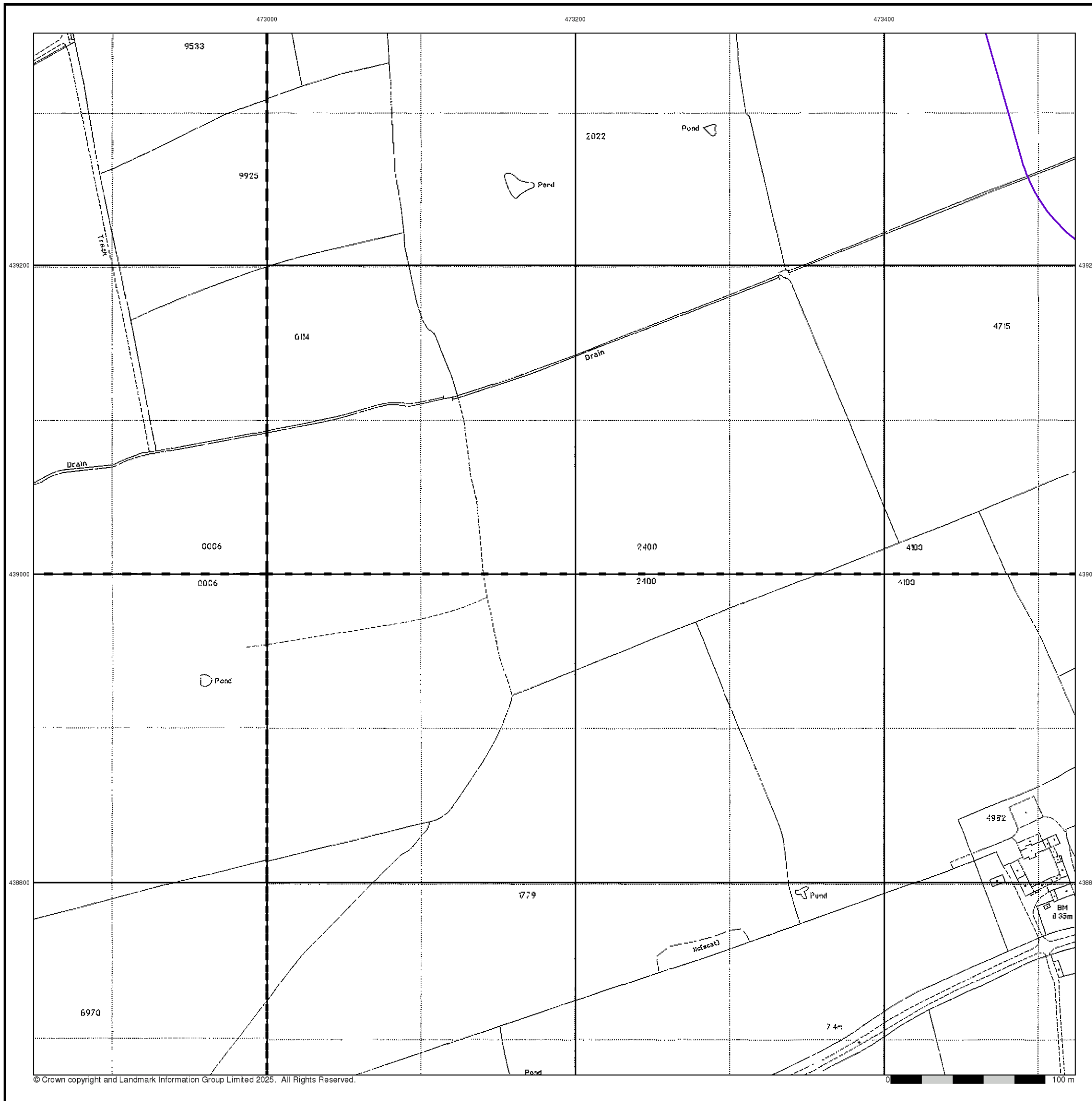
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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473000

473200

473400



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



439200

439200

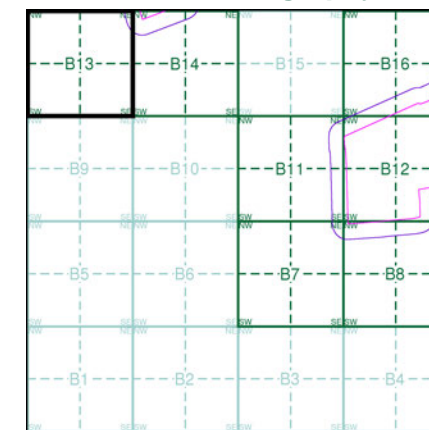
439000

439000

438800

438800

Historical Aerial Photography - Segment B13



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Boundary Post or Stone **Police Call Box**
B.R. **Bridle Road** **P** **Pump**
E.P. **Electricity Pylon** **S.P.** **Signal Post**
F.B. **Foot Bridge** **Sl.** **Sluice**
F.P. **Foot Path** **Sp.** **Spring**
G.P. **Guide Post or Board** **T.C.B.** **Telephone Call Box**
M.S. **Mile Stone** **Tr.** **Trough**
M.P. M.R. **Mooring Post or Ring** **W** **Well**

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH **Beer House** **P** **Pillar, Pole or Post**
BP, BS **Boundary Post or Stone** **PO** **Post Office**
Cn, C **Capstan, Crane** **PC** **Public Convenience**
Chy **Chimney** **PH** **Public House**
D Fn **Drinking Fountain** **Pp** **Pump**
EI P **Electricity Pillar or Post** **SB, S Br** **Signal Box or Bridge**
FAP **Fire Alarm Pillar** **SP, SL** **Signal Post or Light**
FB **Foot Bridge** **Spr** **Spring**
GP **Guide Post** **Tk** **Tank or Track**
H **Hydrant or Hydraulic** **TCB** **Telephone Call Box**
LC **Level Crossing** **TCP** **Telephone Call Post**
MH **Manhole** **Tr** **Trough**
MP **Mile Post or Mooring Post** **Wr Pt, Wr T** **Water Point, Water Tap**
MS **Mile Stone** **W** **Well**
NTL **Normal Tidal Limit** **Wd Pp** **Wind Pump**

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

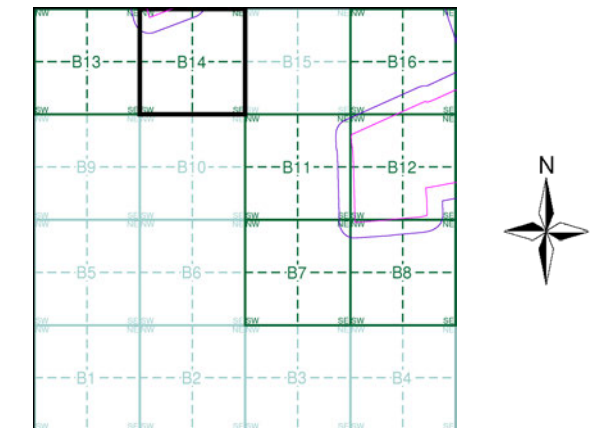
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m **Bench Mark** **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks **Barracks** **P** **Pillar, Pole or Post**
Bty **Battery** **PO** **Post Office**
Cemy **Cemetery** **PC** **Public Convenience**
Chy **Chimney** **Pp** **Pump**
Cis **Cistern** **Ppg Sta** **Pumping Station**
Dismtd Rly **Dismantled Railway** **PW** **Place of Worship**
EI Gen Sta **Electricity Generating Station** **Sewage Ppg Sta** **Sewage Pumping Station**
EI P **Electricity Pole, Pillar** **SB, S Br** **Signal Box or Bridge**
EI Sub Sta **Electricity Sub Station** **SP, SL** **Signal Post or Light**
FB **Filter Bed** **Spr** **Spring**
Fn / D Fn **Fountain / Drinking Ftn.** **Tk** **Tank or Track**
Gas Gov **Gas Valve Compound** **Tr** **Trough**
GVC **Gas Governor** **Wd Pp** **Wind Pump**
GP **Guide Post** **Wr Pt, Wr T** **Water Point, Water Tap**
MH **Manhole** **Wks** **Works (building or area)**
MP, MS **Mile Post or Mile Stone** **W** **Well**



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1890 - 1891	2
Yorkshire	1:2,500	1909	3
Ordnance Survey Plan	1:2,500	1973 - 1974	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6
Historical Aerial Photography	1:2,500	1999	7

Historical Map - Segment B14



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah



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Yorkshire

Published 1890 - 1891

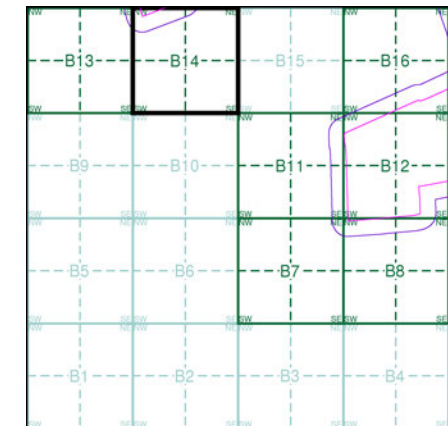
Source map scale - 1:2,500

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)

207_08	1890	1:2,500
207_12	1891	1:2,500

Historical Map - Segment B14



Order Details

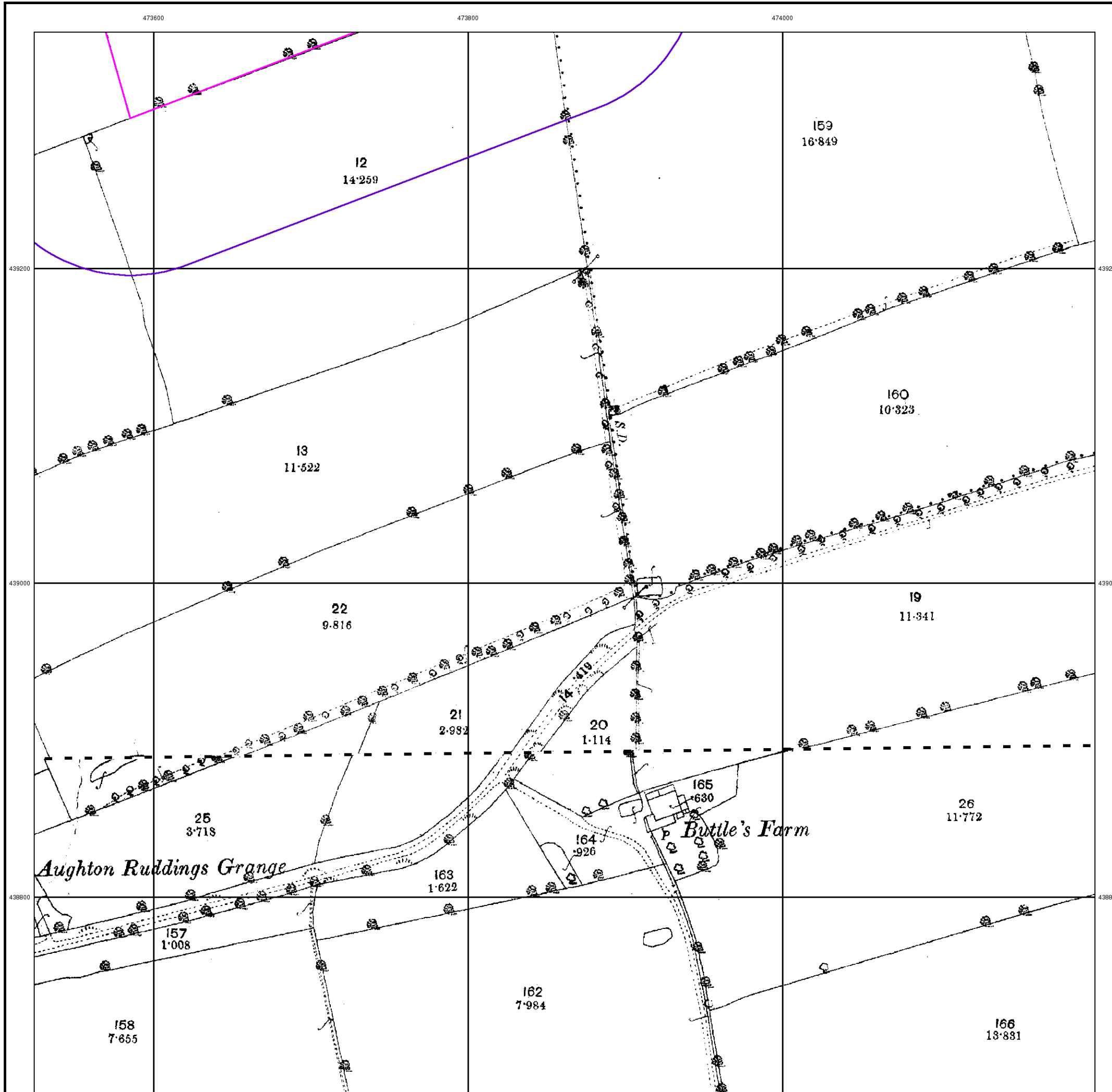
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
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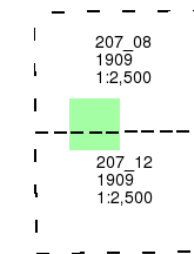
Yorkshire

Published 1909

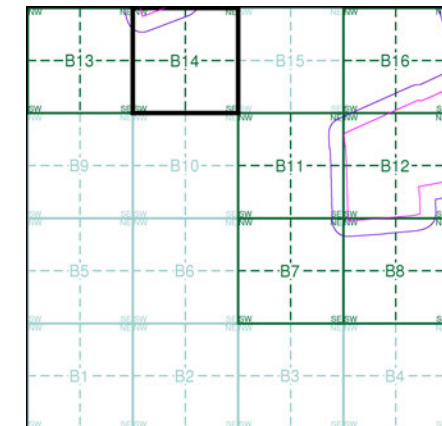
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B14



Order Details

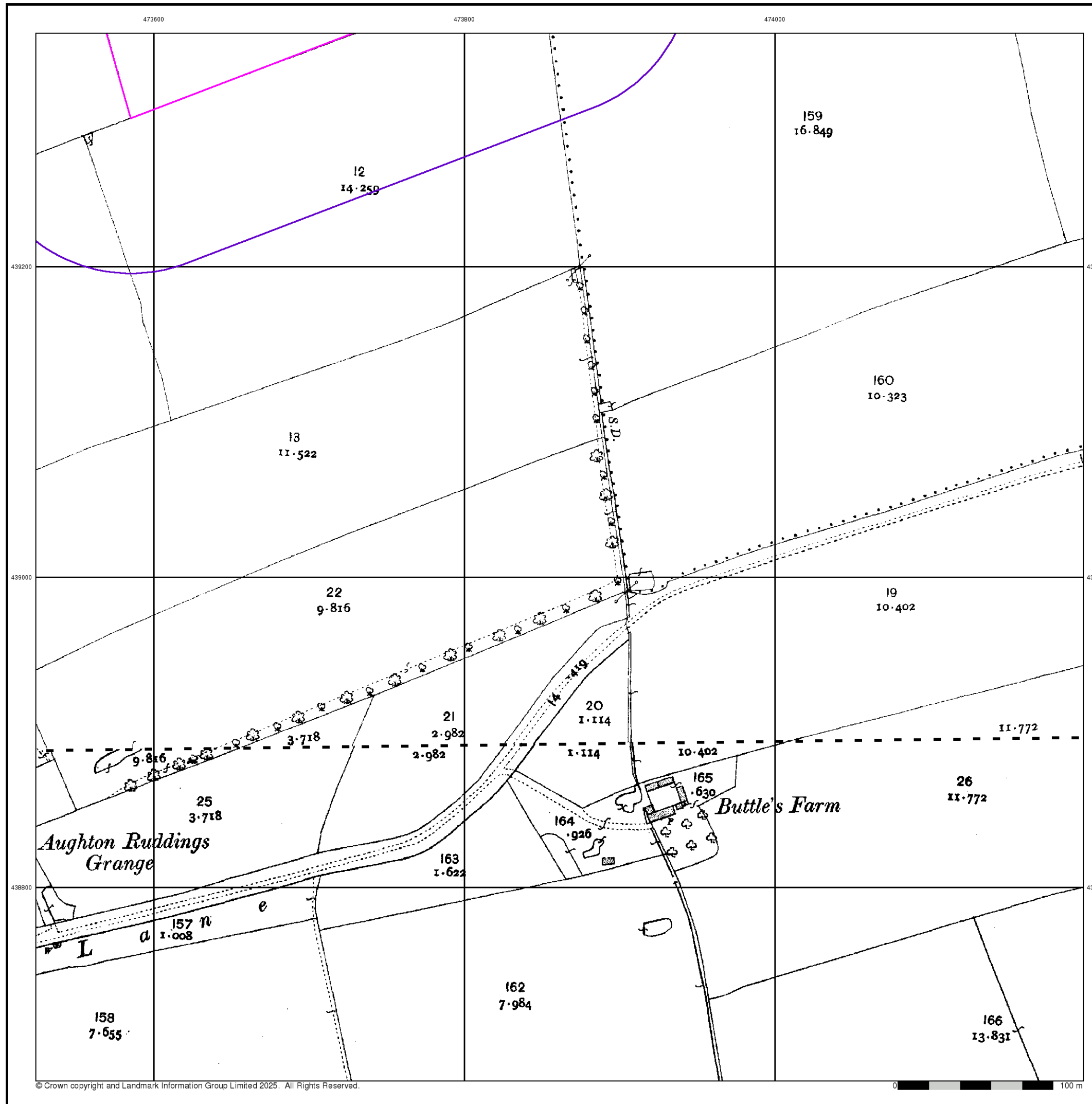
Order Number: 370061200_1_1
Customer Ref: P02153163
National Grid Reference: 474470, 438350
Slice: B
Site Area (Ha): 1888.5
Search Buffer (m): 100

Site Details

Mylen Leah



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Ordnance Survey Plan

Published 1973 - 1974

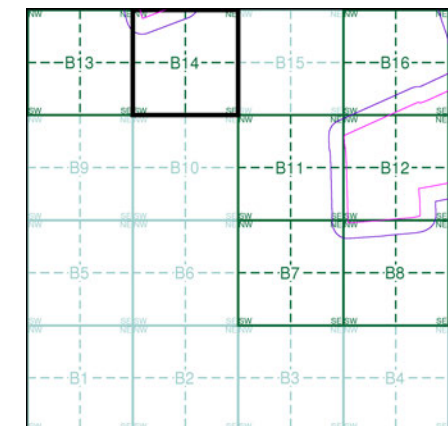
Source map scale - 1:2,500

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)

SE7339 1974 1:2,500	SE7439 1973 1:2,500
SE7338 1974 1:2,500	SE7438 1974 1:2,500

Historical Map - Segment B14



Order Details

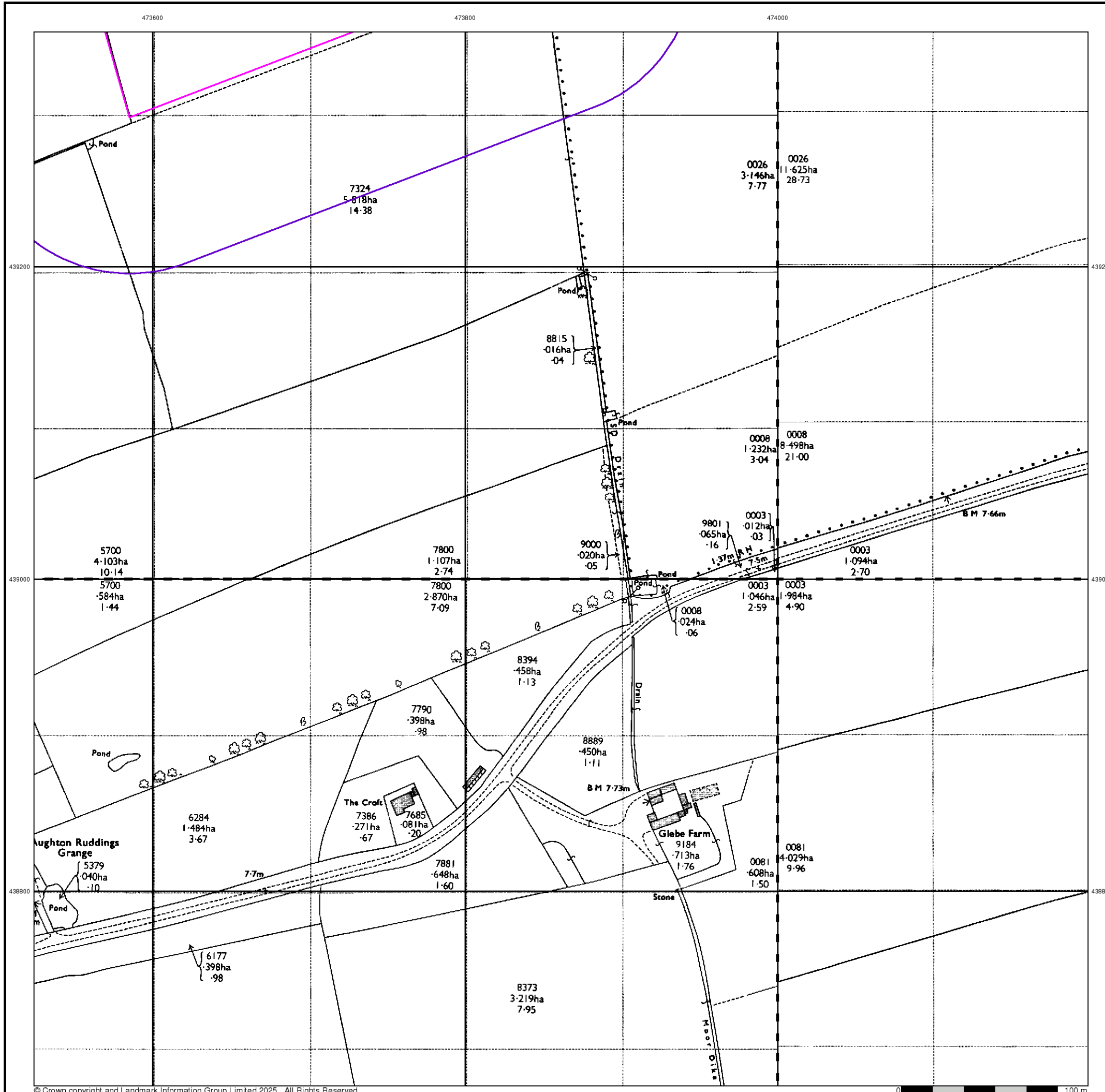
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1995

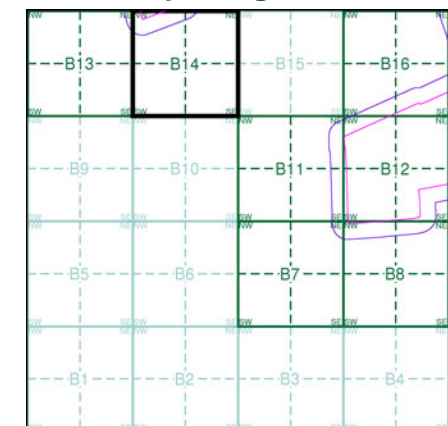
Source map scale - 1:2,500

'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)

SE7339 1995 12,500	SE7439 1995 12,500
SE7338 1995 12,500	SE7438 1995 12,500

Historical Map - Segment B14



Order Details

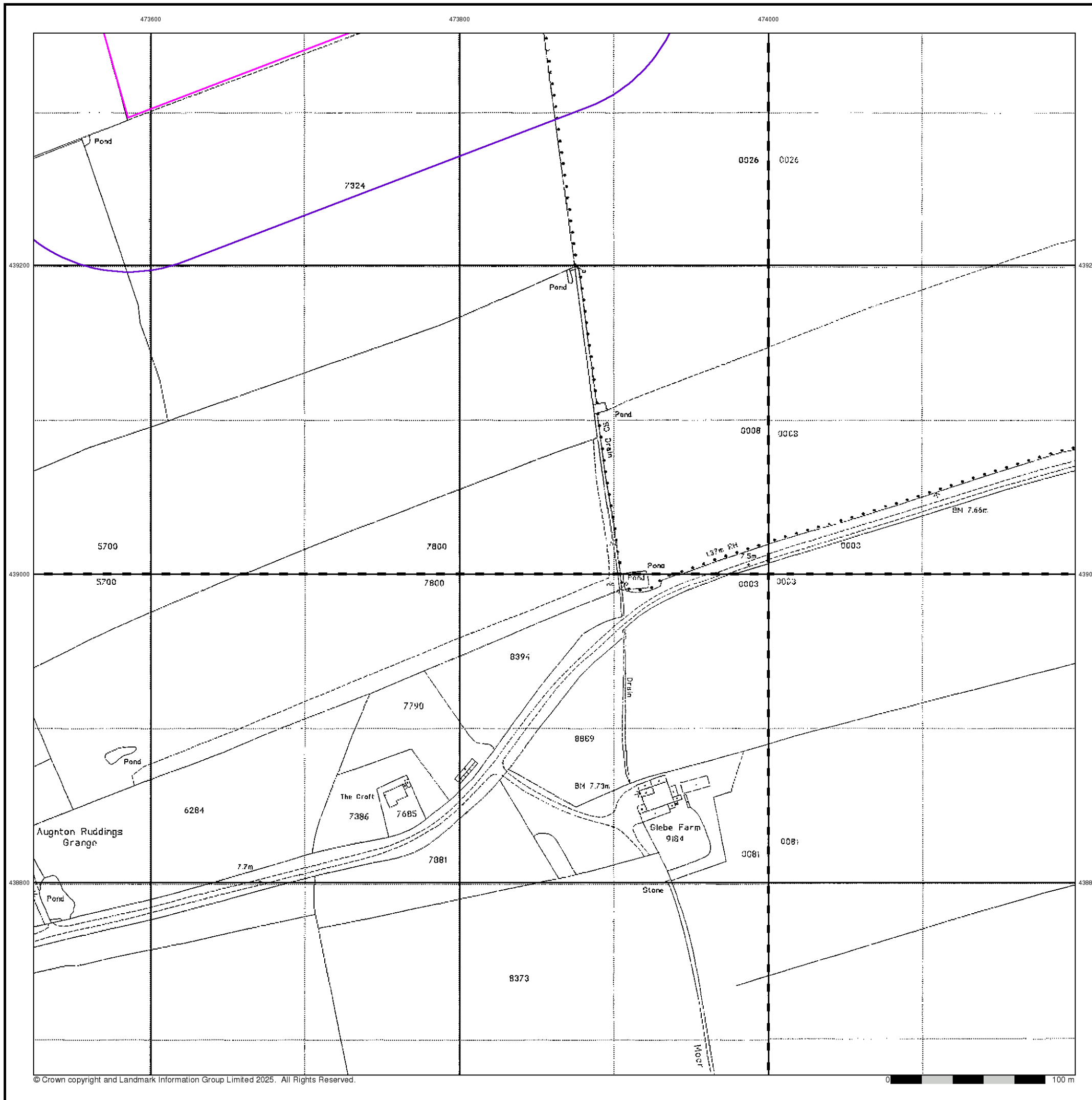
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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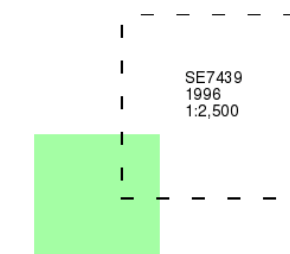
Large-Scale National Grid Data

Published 1996

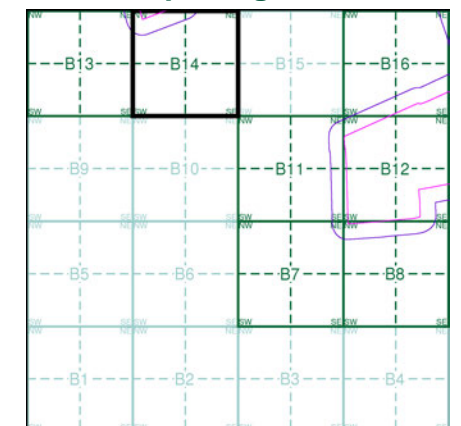
Source map scale - 1:2,500

'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 B14



Order Details

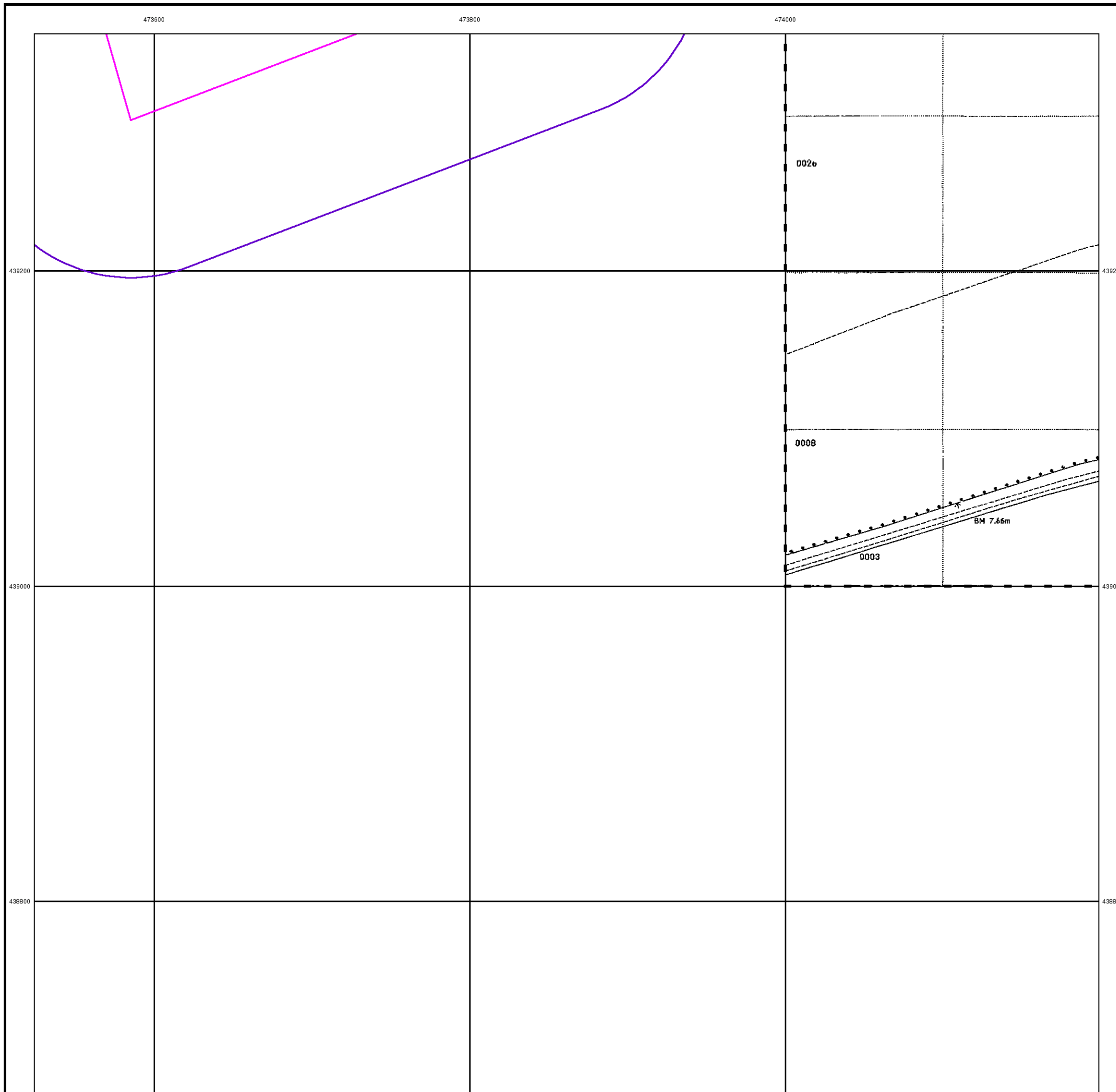
Order Number: 370061200_1_1
Customer Ref: P02153163
National Grid Reference: 474470, 438350
Slice: B
Site Area (Ha): 1888.5
Search Buffer (m): 100

Site Details

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473600

473800

474000

439200

439200

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438800

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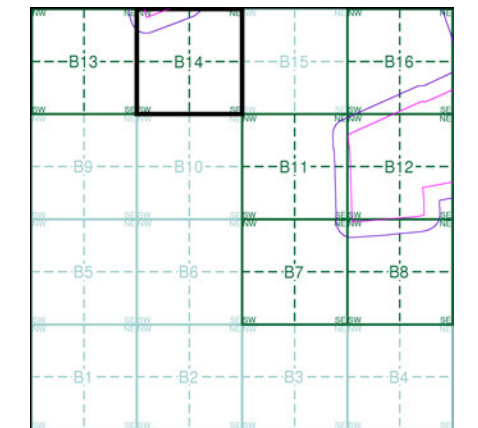


Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment B14



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Boundary Post or Stone **Police Call Box**
B.R. **Bridle Road** **P** **Pump**
E.P. **Electricity Pylon** **S.P.** **Signal Post**
F.B. **Foot Bridge** **Sl.** **Sluice**
F.P. **Foot Path** **Sp.** **Spring**
G.P. **Guide Post or Board** **T.C.B.** **Telephone Call Box**
M.S. **Mile Stone** **Tr.** **Trough**
M.P. M.R. **Mooring Post or Ring** **W** **Well**

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH **Beer House** **P** **Pillar, Pole or Post**
BP, BS **Boundary Post or Stone** **PO** **Post Office**
Cn, C **Capstan, Crane** **PC** **Public Convenience**
Chy **Chimney** **PH** **Public House**
D Fn **Drinking Fountain** **Pp** **Pump**
EI P **Electricity Pillar or Post** **SB, S Br** **Signal Box or Bridge**
FAP **Fire Alarm Pillar** **SP, SL** **Signal Post or Light**
FB **Foot Bridge** **Spr** **Spring**
GP **Guide Post** **Tk** **Tank or Track**
H **Hydrant or Hydraulic** **TCB** **Telephone Call Box**
LC **Level Crossing** **TCP** **Telephone Call Post**
MH **Manhole** **Tr** **Trough**
MP **Mile Post or Mooring Post** **Wr Pt, Wr T** **Water Point, Water Tap**
MS **Mile Stone** **W** **Well**
NTL **Normal Tidal Limit** **Wd Pp** **Wind Pump**

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

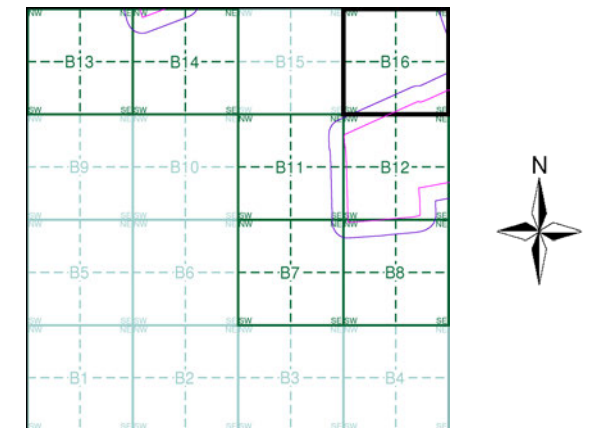
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m **Bench Mark** **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks **Barracks** **P** **Pillar, Pole or Post**
Bty **Battery** **PO** **Post Office**
Cemy **Cemetery** **PC** **Public Convenience**
Chy **Chimney** **Pp** **Pump**
Cis **Cistern** **Ppg Sta** **Pumping Station**
Dismtd Rly **Dismantled Railway** **PW** **Place of Worship**
EI Gen Sta **Electricity Generating Station** **Sewage Ppg Sta** **Sewage Pumping Station**
EI P **Electricity Pole, Pillar** **SB, S Br** **Signal Box or Bridge**
EI Sub Sta **Electricity Sub Station** **SP, SL** **Signal Post or Light**
FB **Filter Bed** **Spr** **Spring**
Fn / D Fn **Fountain / Drinking Ftn.** **Tk** **Tank or Track**
Gas Gov **Gas Valve Compound** **Tr** **Trough**
GVC **Gas Governor** **Wd Pp** **Wind Pump**
GP **Guide Post** **Wr Pt, Wr T** **Water Point, Water Tap**
MH **Manhole** **Wks** **Works (building or area)**
MP, MS **Mile Post or Mile Stone** **W** **Well**



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1890 - 1891	2
Yorkshire	1:2,500	1909	3
Ordnance Survey Plan	1:2,500	1973 - 1974	4
Large-Scale National Grid Data	1:2,500	1995	5
Large-Scale National Grid Data	1:2,500	1996	6
Historical Aerial Photography	1:2,500	1999	7

Historical Map - Segment B16



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

Mylen Leah



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Yorkshire

Published 1890 - 1891

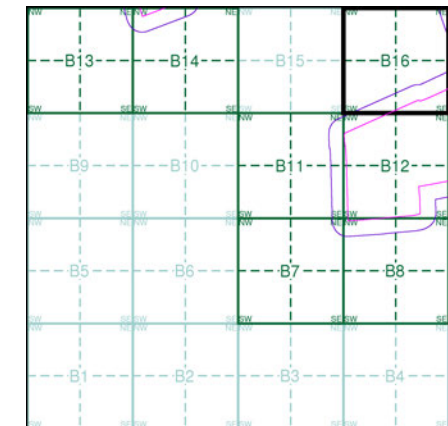
Source map scale - 1:2,500

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)

207_08 1890 1:2,500	208_05 1890 1:2,500
207_12 1891 1:2,500	208_09 1890 1:2,500

Historical Map - Segment B16



Order Details

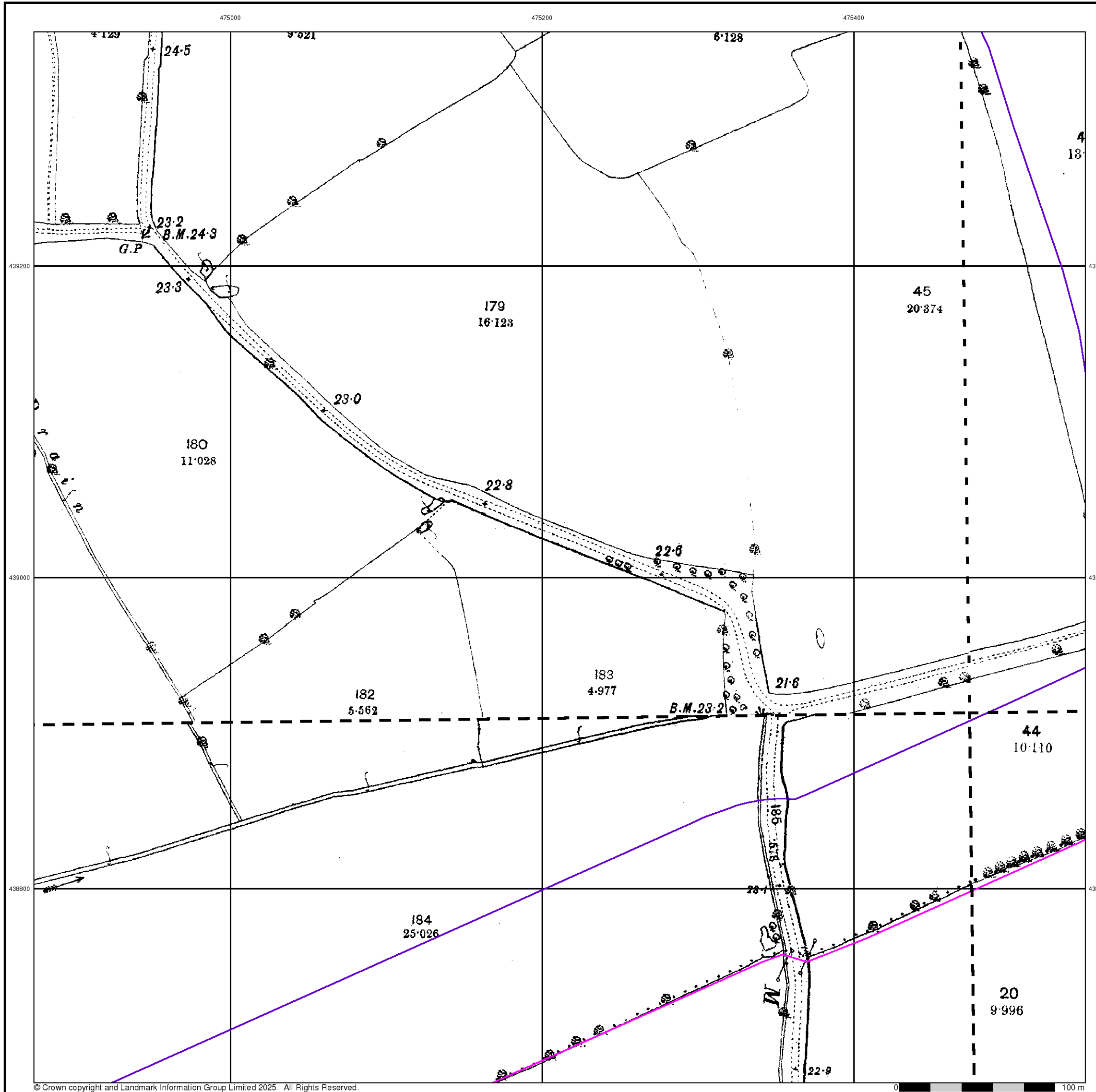
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 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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Yorkshire

Published 1909

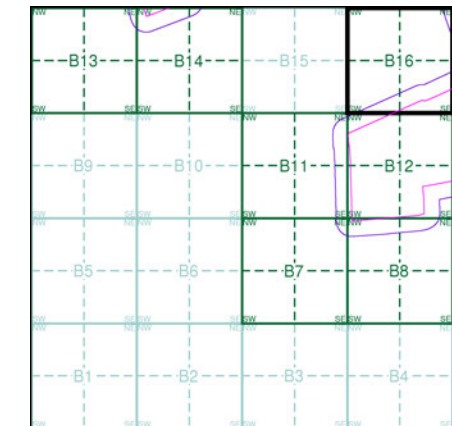
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

207_08 1909 1:2,500	208_05 1909 1:2,500
207_12 1909 1:2,500	208_09 1909 1:2,500

Historical Map - Segment B16



Order Details

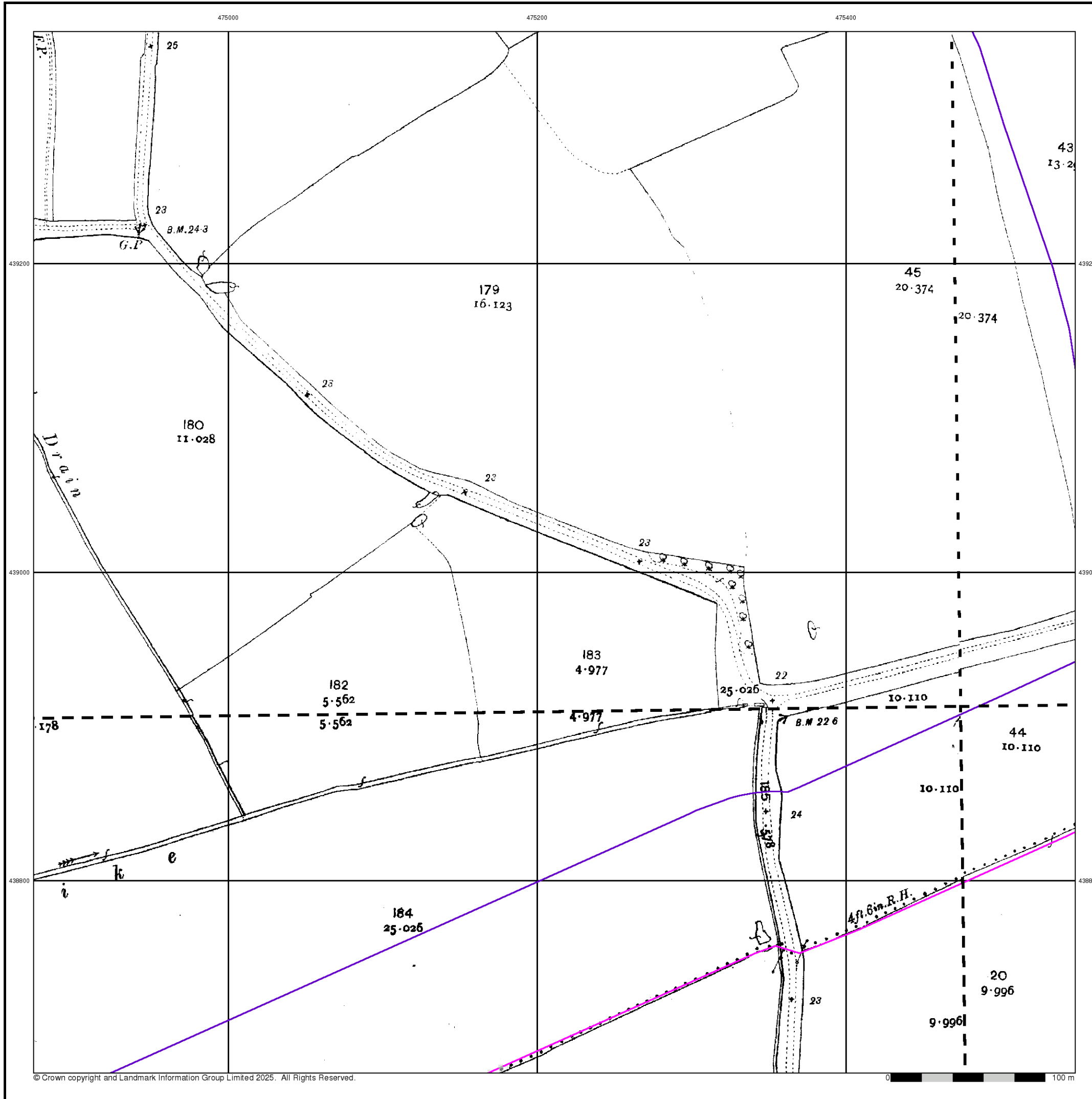
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
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Ordnance Survey Plan

Published 1973 - 1974

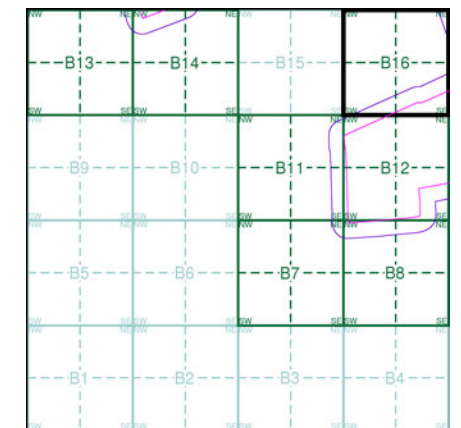
Source map scale - 1:2,500

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)

SE7439 1973 12,500	SE7539 1973 12,500
SE7438 1974 12,500	SE7538 1974 12,500

Historical Map - Segment B16



Order Details

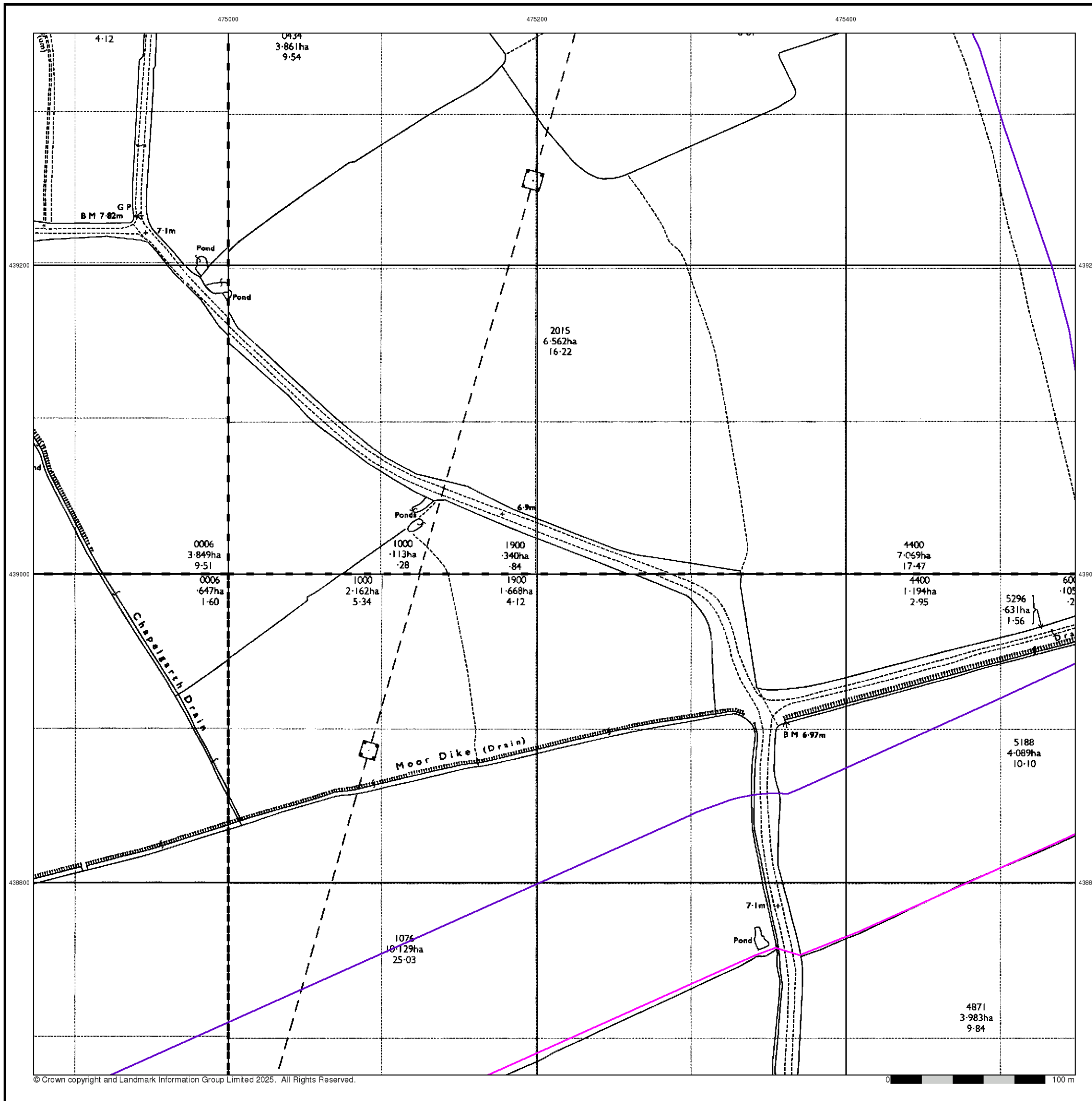
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
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Large-Scale National Grid Data

Published 1995

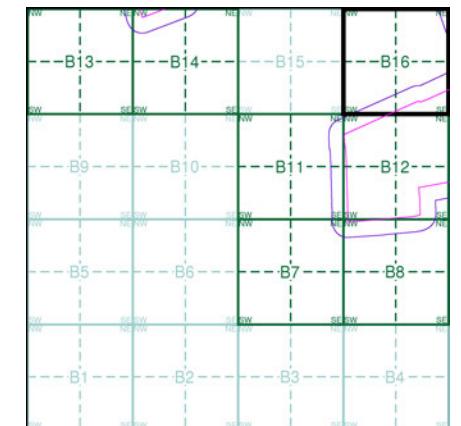
Source map scale - 1:2,500

'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)

SE7439 1995 12,500	SE7539 1995 12,500
SE7438 1995 12,500	SE7538 1995 12,500

Historical Map - Segment B16



Order Details

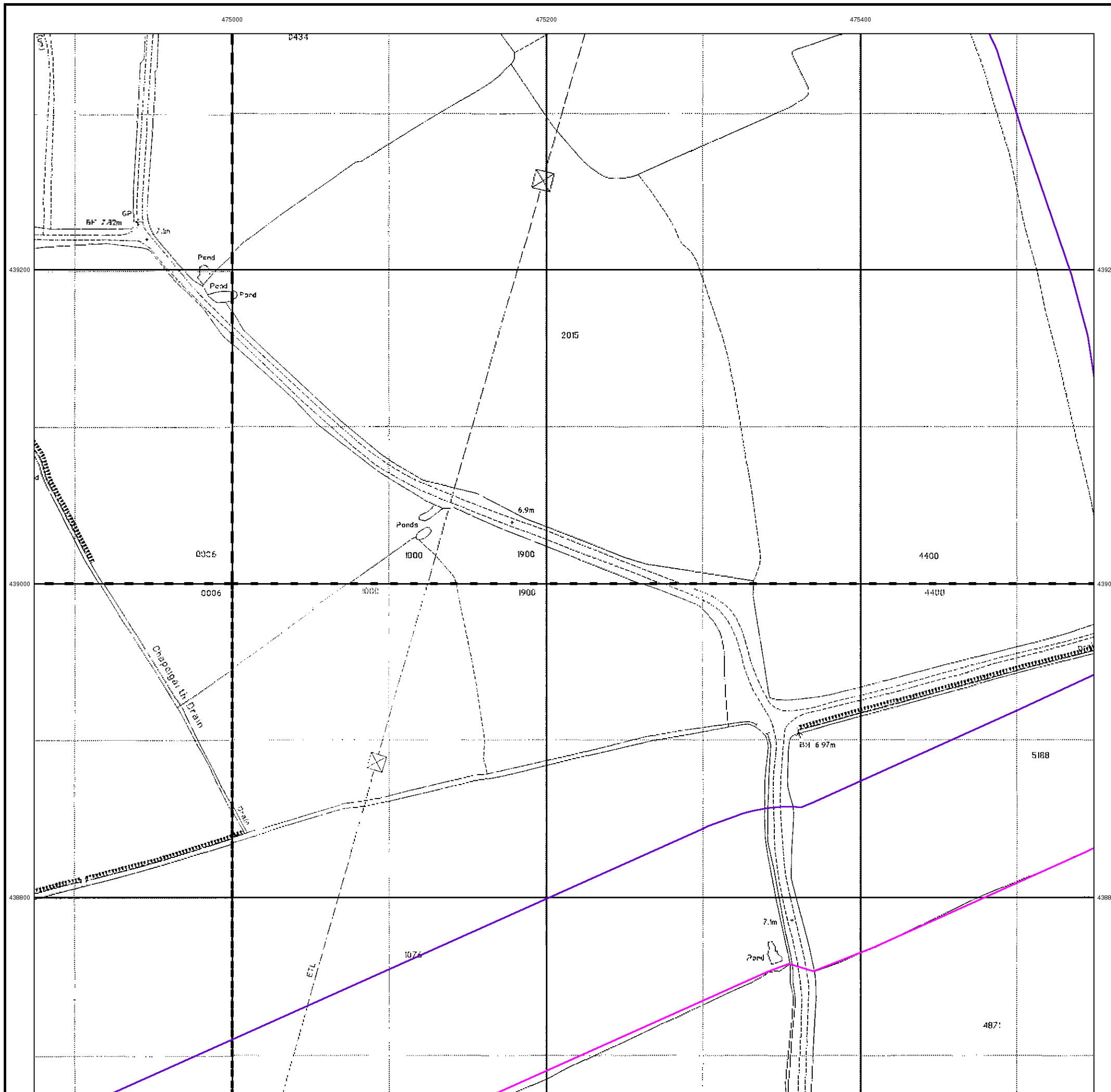
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

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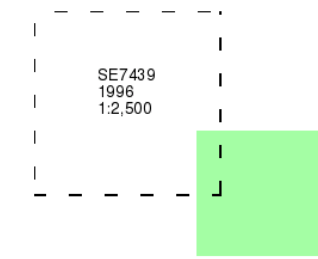
Large-Scale National Grid Data

Published 1996

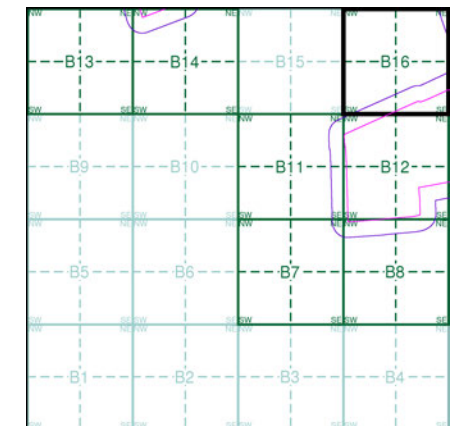
Source map scale - 1:2,500

'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 B16



Order Details

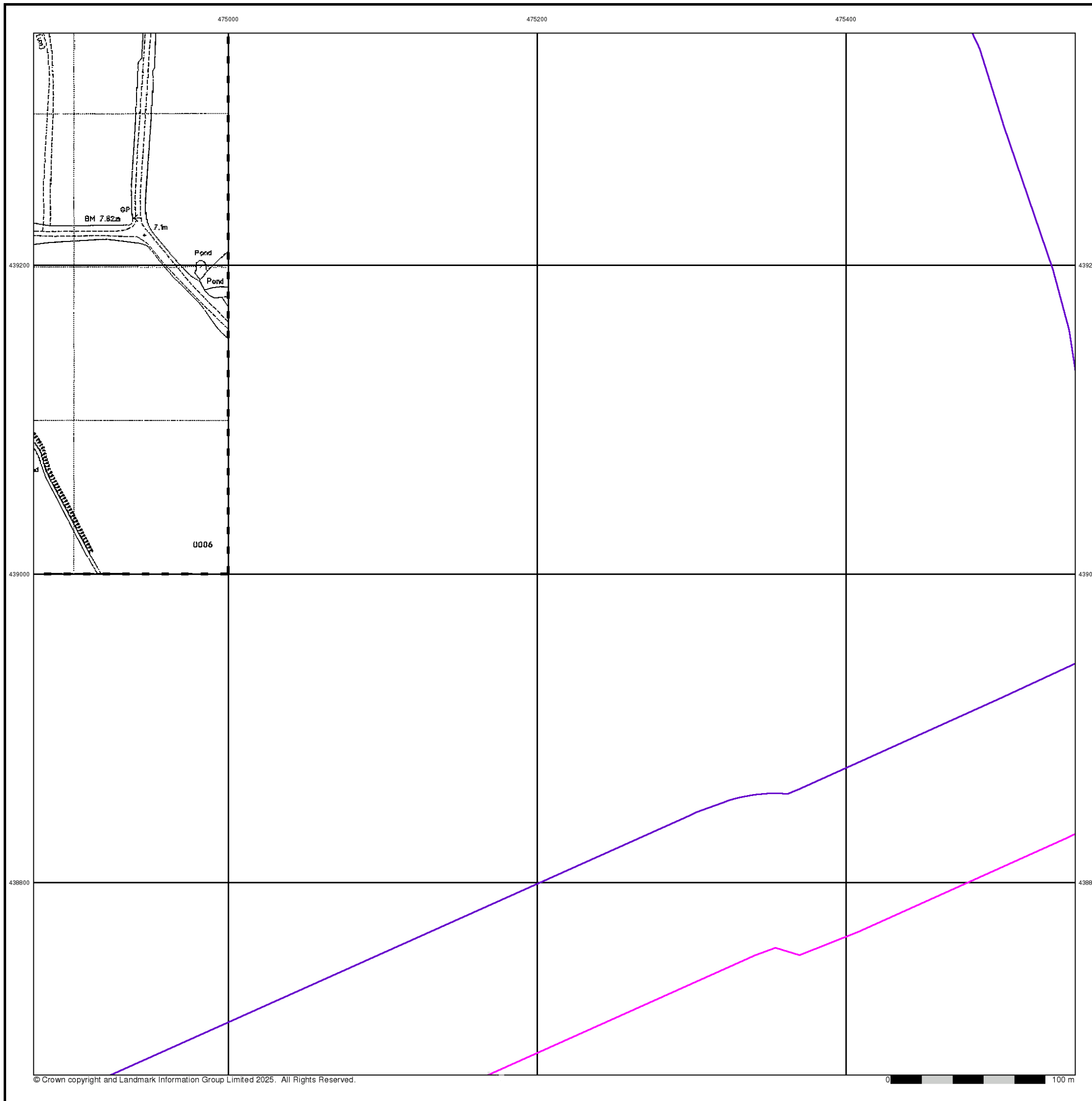
Order Number: 370061200_1_1
Customer Ref: P02153163
National Grid Reference: 474470, 438350
Slice: B
Site Area (Ha): 1888.5
Search Buffer (m): 100

Site Details

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475000

475200

475400

439200

439200

439000

439000

438800

438800



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0 100 m

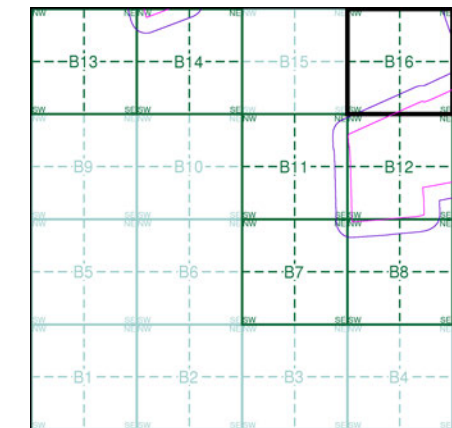


Historical Aerial Photography

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 B16



Order Details

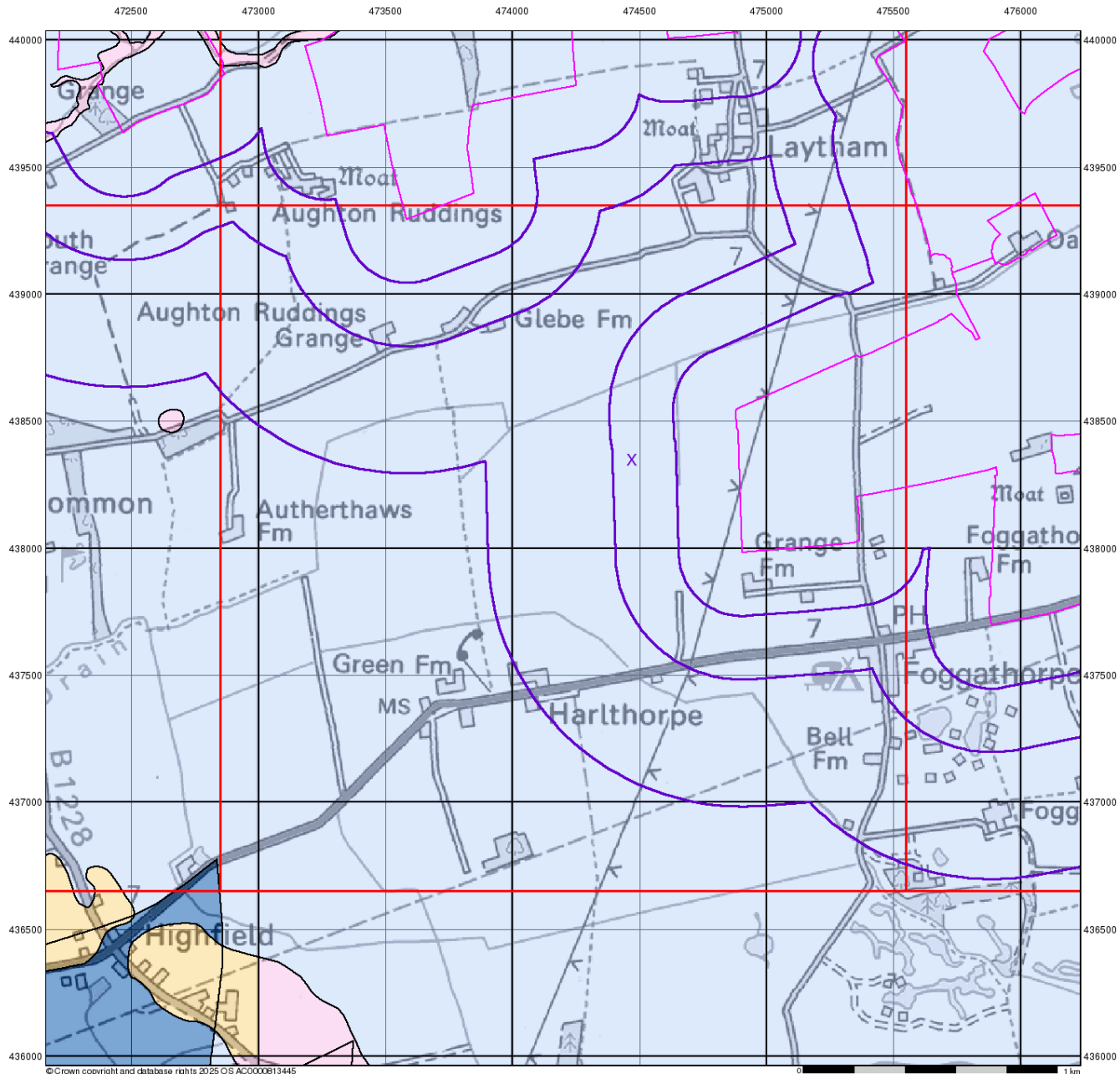
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 100

Site Details

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Groundwater Vulnerability

General

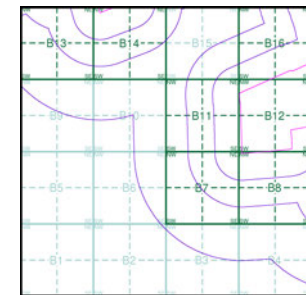
- ◇ Specified Site
- ◇ Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

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

- Unproductive Aquifer
- ⋯ Soluble Rock

Site Sensitivity Context Map - Slice B



Order Details

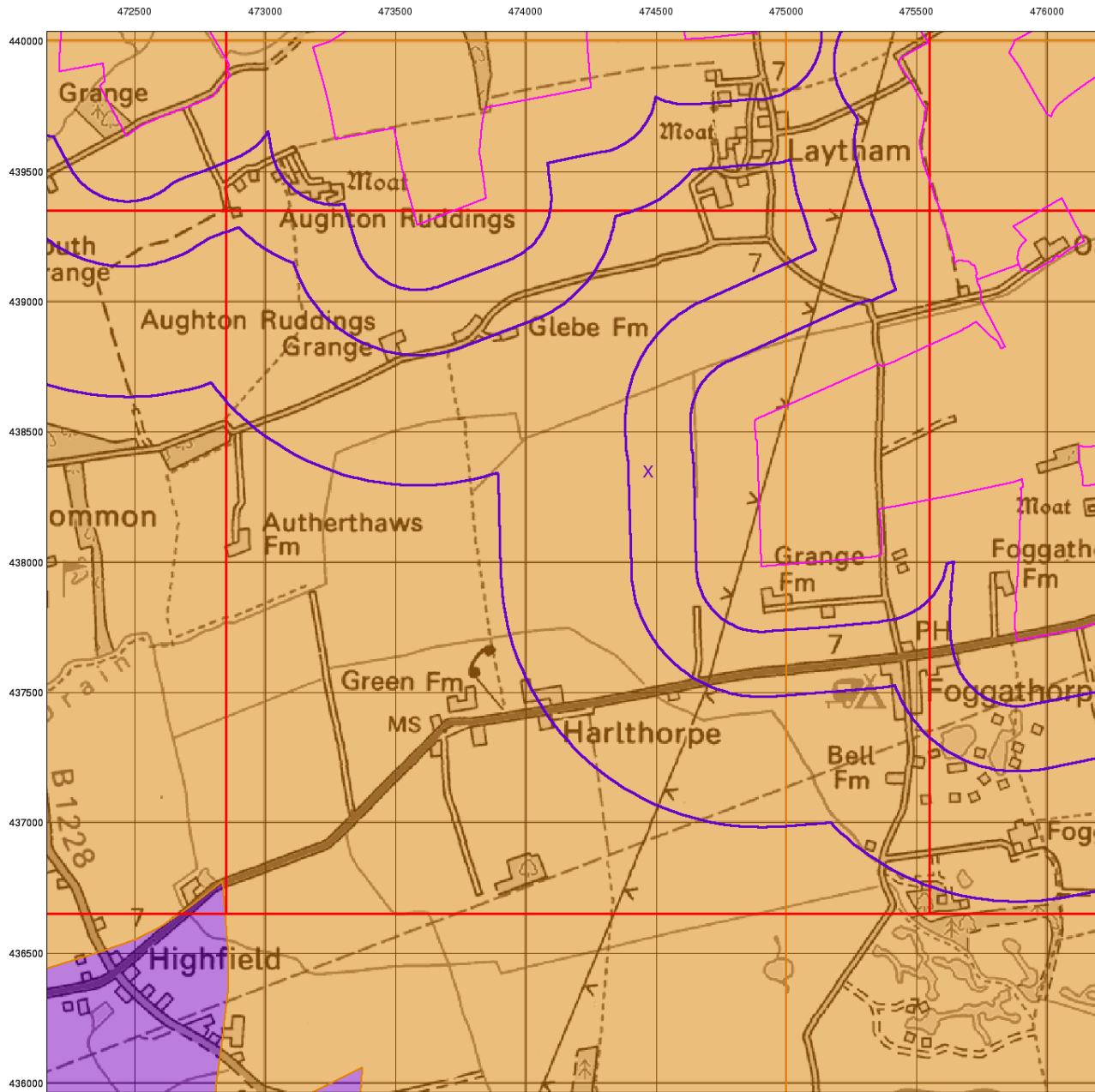
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

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0 1 km



Bedrock Aquifer Designation

General

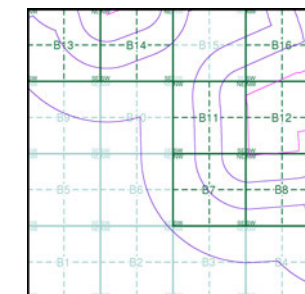
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice B



Order Details

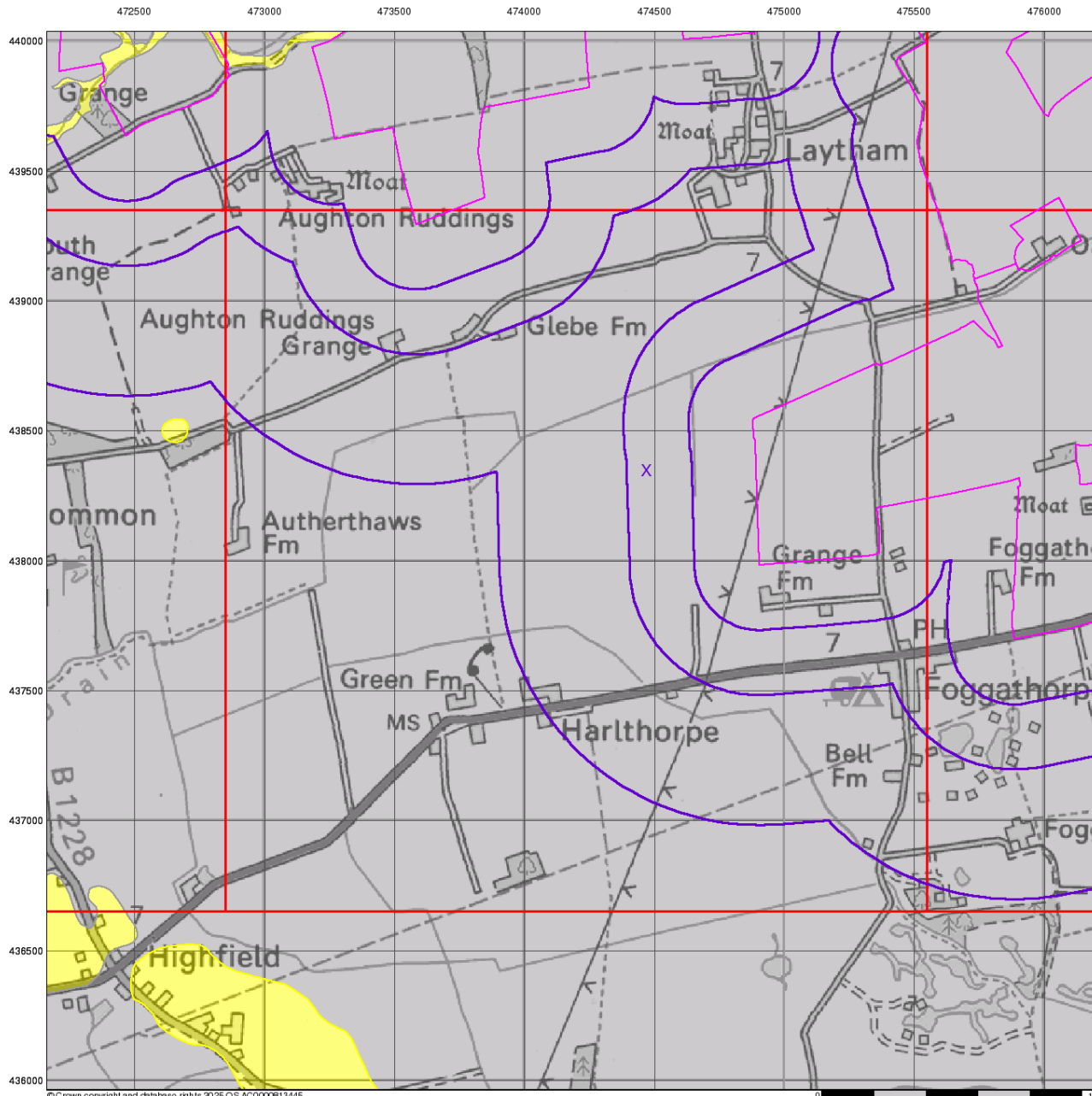
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

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0 1 km



Superficial Aquifer Designation

General

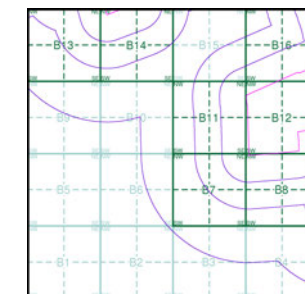
- ◇ Specified Site
- ◇ Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Map ID

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 B



Order Details

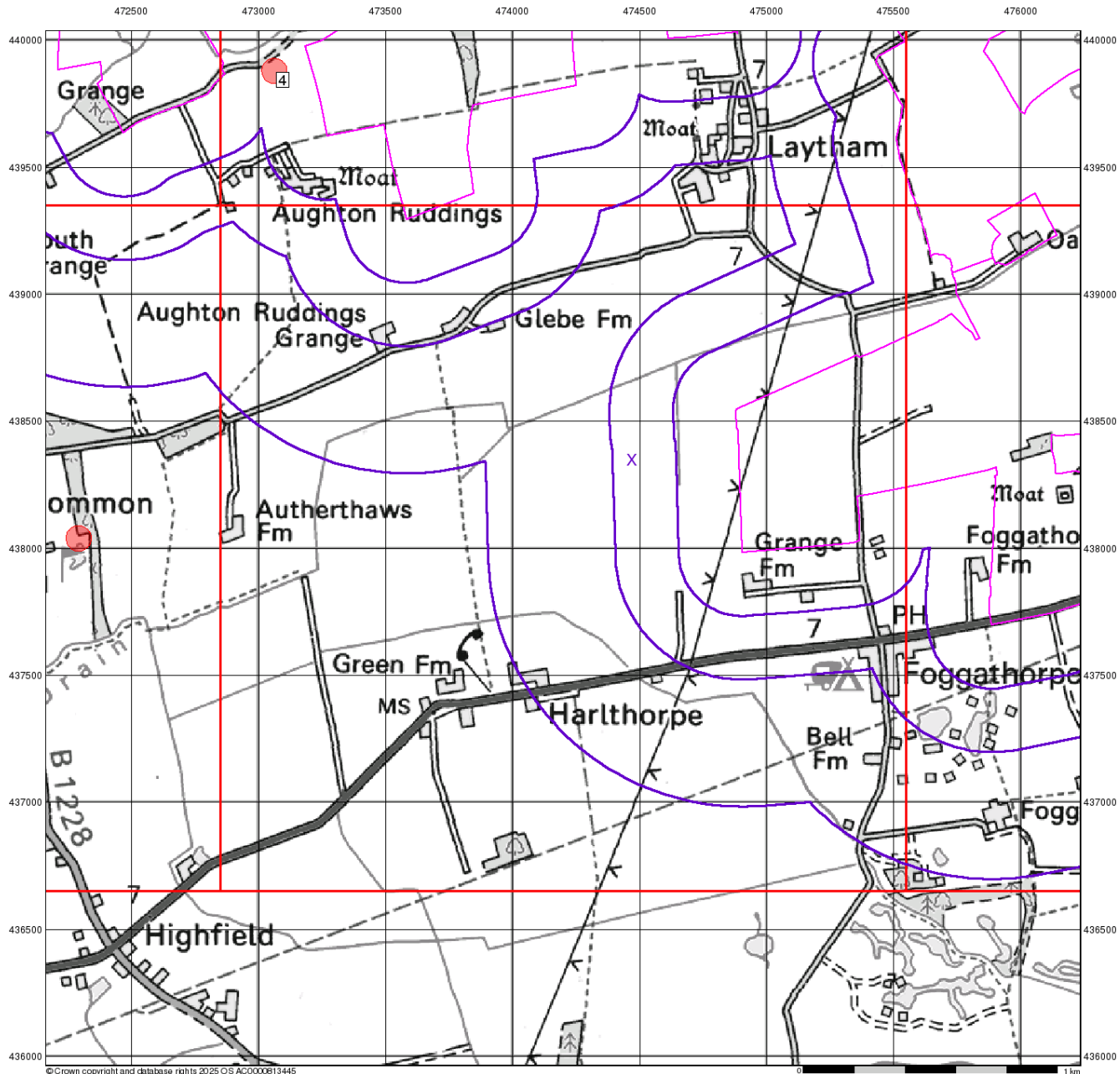
Order Number: 370061200_1_1
 Customer Ref: P02153163
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 Slice: B
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Source Protection Zones

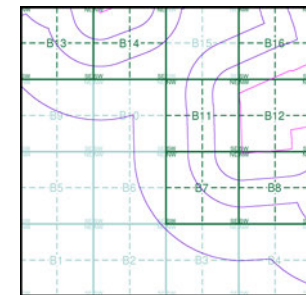
General

- ◇ 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 B



Order Details

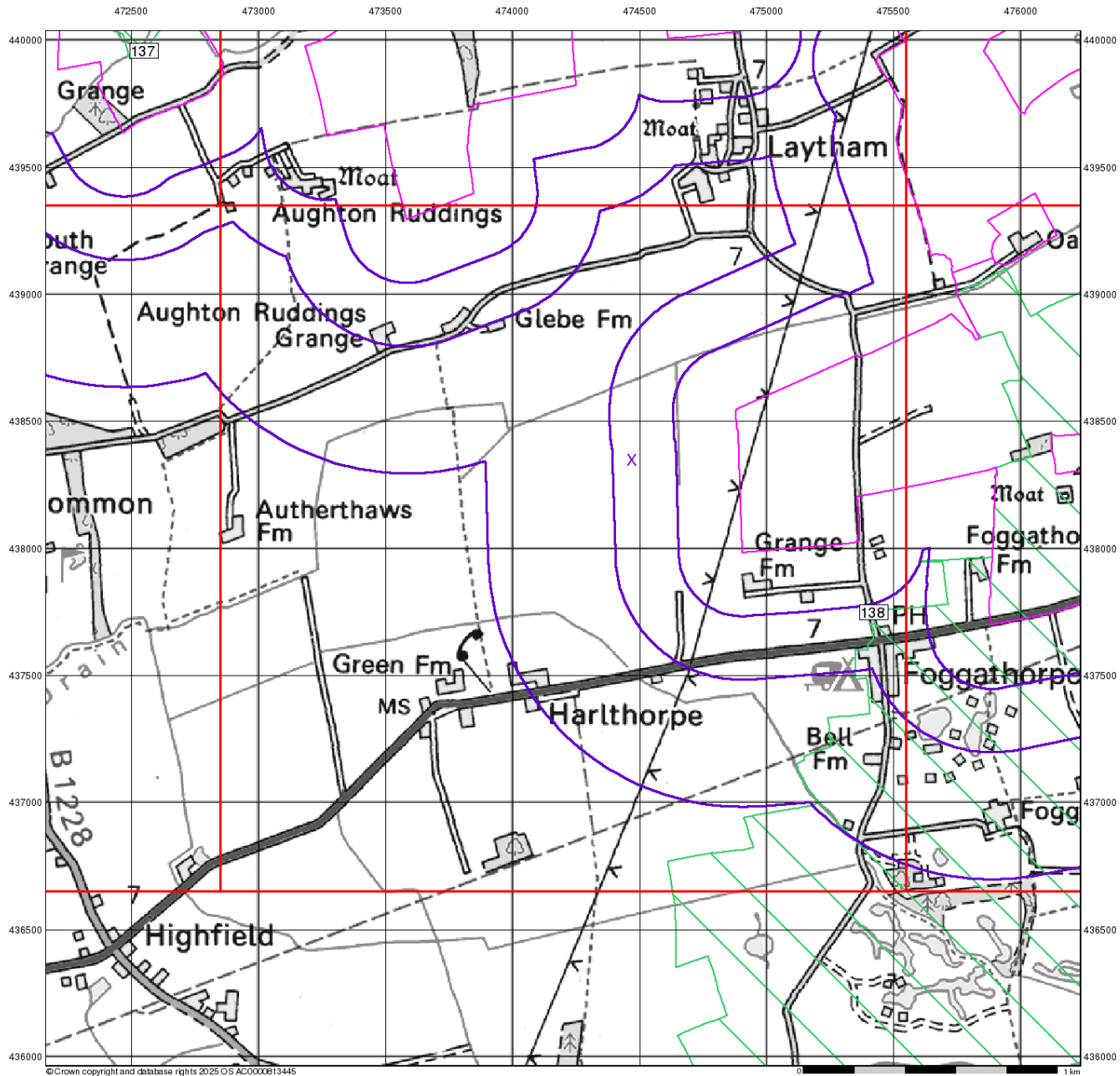
Order Number: 370061200_1_1
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Sensitive Land Uses

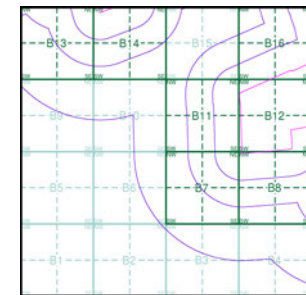
General

- ◇ Specified Site
- ◇ Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B 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 B



Order Details

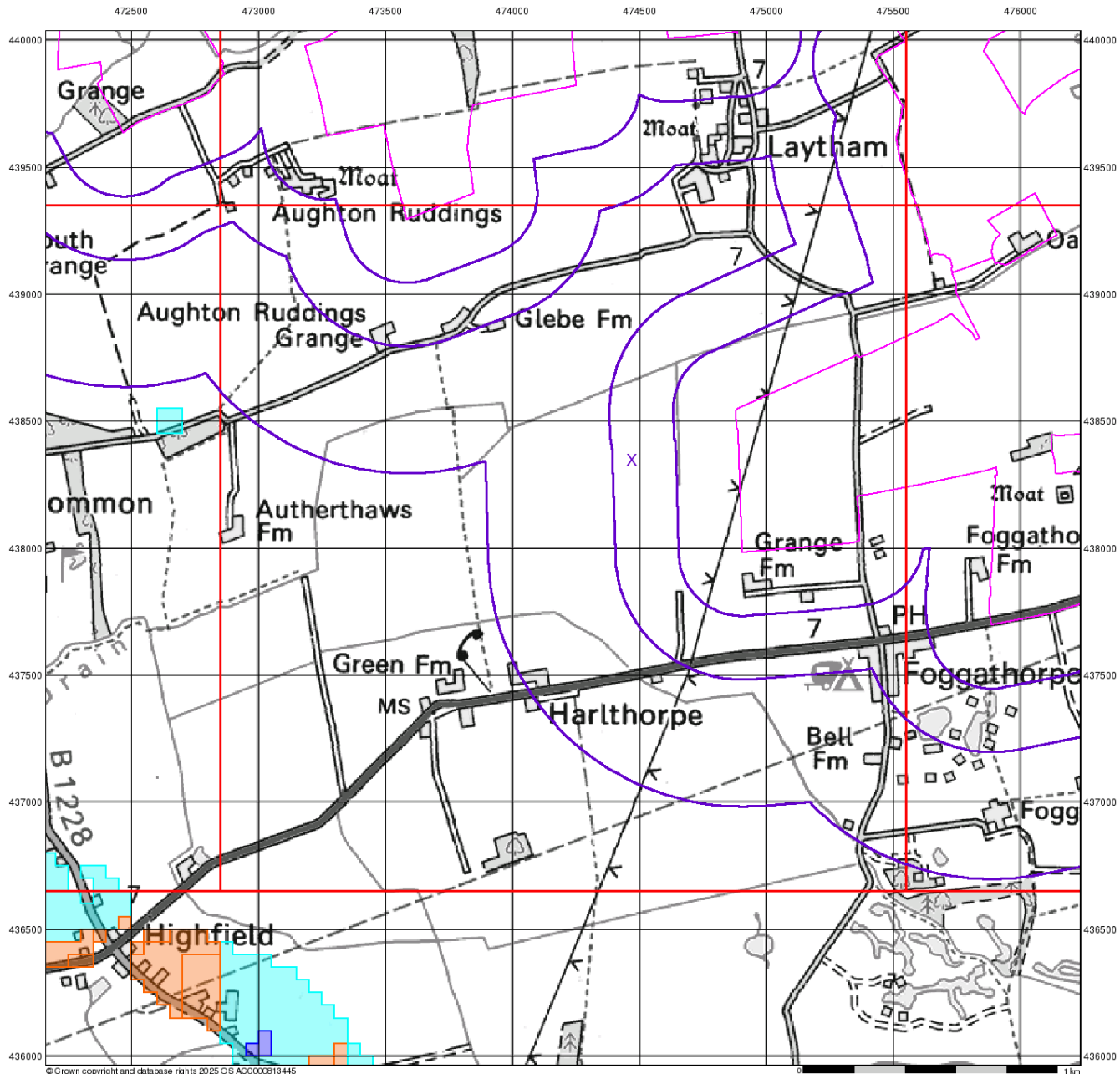
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

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BGS Flood GFS Data

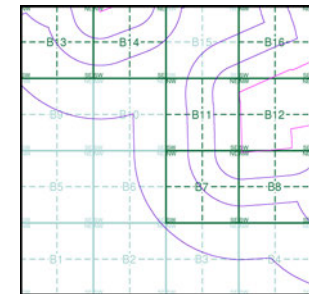
General

- 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 B



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

370061200_1_1

Customer Reference:

P02153163

National Grid Reference:

474470, 438350

Slice:

B

Site Area (Ha):

1888.5

Search Buffer (m):

1000

Site Details:

Mylen Leah

Client Details:

Mr G Jones
RSK Environment Ltd
Spring Lodge
172 Chester Road
Helsby
Cheshire
WA6 0AR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	22
Hazardous Substances	-
Geological	24
Industrial Land Use	26
Sensitive Land Use	28
Data Currency	29
Data Suppliers	34
Useful Contacts	35

Introduction

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

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Radon Potential dataset Copyright Notice

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility					n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				6
Prosecutions					
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 2	Yes			
Pollution Incidents to Controlled Waters					
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 2	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Source Protection Zones	pg 9		1		
Extreme Flooding from Rivers or Sea without Defences	pg 9		Yes	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 9	8	18	19	59
Water Framework Directive - Catchment	pg 21	Yes	Yes		
Water Framework Directive - Groundwater	pg 21	Yes			
Water Framework Directive - Surface Waters					

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					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 22		1		
Local Authority Landfill Coverage	pg 22	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 22			1	
Potentially Infilled Land (Water)	pg 22	1	3	2	11
Registered Landfill Sites					
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 24	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 24	Yes		Yes	
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 24	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 24	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 25	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 25	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 25	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 26			1	1
Fuel Station Entries					
Points of Interest - Commercial Services	pg 26				2
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 26		3		3
Points of Interest - Public Infrastructure	pg 26				6
Points of Interest - Recreational and Environmental					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
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 28	2			
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
1	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Foggathorpe Sps, Bell Lane, Foggathorpe, East Yorkshire Authority: Environment Agency, North East Region Catchment Area: River Foulness and East Beck Reference: H166 Permit Version: 2 Effective Date: 14th February 2003 Issued Date: 14th February 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Moor Dike Drain Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	B3NE (S)	818	2	474750 437180
1	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Foggathorpe Sps, Bell Lane, Foggathorpe, East Yorkshire Authority: Environment Agency, North East Region Catchment Area: River Foulness and East Beck Reference: H166 Permit Version: 1 Effective Date: 9th November 1961 Issued Date: 9th November 1961 Revocation Date: 13th February 2003 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Moor Dike Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 10m</p>	B3NE (S)	818	2	474750 437180
2	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Undefined Or Other Location: Foggathorpe Wpc Works Authority: Environment Agency, North East Region Catchment Area: Humber Tributaries Reference: Copa/H78 Permit Version: 1 Effective Date: 27th June 1985 Issued Date: 27th June 1985 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Ditch Environment: Receiving Water: Seller Dyke Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	B4NE (SE)	850	2	475400 437000
3	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Foggathorpe Stw Bell Lane, Foggathorpe, Nr Howden, East Riding Of Yorkshire Authority: Environment Agency, North East Region Catchment Area: River Foulness and East Beck Reference: H78 Permit Version: 3 Effective Date: 27th June 1985 Issued Date: 27th June 1985 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Seller Dike Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m</p>	B4SE (SE)	934	2	475400 436900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Foggathorpe Stw Bell Lane, Foggathorpe, Nr Howden, East Riding Of Yorkshire Authority: Environment Agency, North East Region Catchment Area: River Foulness and East Beck Reference: H78 Permit Version: 1 Effective Date: 5th February 1981 Issued Date: 5th February 1981 Revocation Date: 26th June 1985 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Seller Dike Status: Transferred from 1978 Order Positional Accuracy: Located by supplier to within 100m</p>	B4SE (SE)	934	2	475400 436900
3	<p>Discharge Consents</p> <p>Operator: Howden Rural District Council Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Foggathorpe Stw Bell Lane, Foggathorpe, Nr Howden, East Riding Of Yorkshire Authority: Environment Agency, North East Region Catchment Area: River Foulness and East Beck Reference: H78 Permit Version: 2 Effective Date: 1st May 1958 Issued Date: 1st May 1958 Revocation Date: 4th February 1981 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Seller Dike Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 100m</p>	B4SE (SE)	934	2	475400 436900
	Nearest Surface Water Feature	B12NE (E)	0	-	475359 438440
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	B7NW (S)	0	3	474471 438000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	B8NW (SE)	0	3	475000 438000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(E)	0	3	476000 438000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(N)	0	3	474000 440000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(N)	0	3	474471 440000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(N)	0	3	475000 440000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(NE)	0	3	476000 440000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(NW)	0	3	473000 439904
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(NW)	0	3	472583 439986
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(NW)	0	3	472490 440000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(NW)	0	3	472847 440000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(NW)	0	3	473298 440020
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	B13SW (NW)	0	3	473000 439000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(NW)	0	3	472556 439996

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(NW)	0	3	472287 439736
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	B14SE (NW)	0	3	474000 439000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	B15SW (N)	0	3	474471 439000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	B16SW (NE)	0	3	475000 439000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(NE)	0	3	476000 439000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	B11NW (SE)	0	3	474471 438348
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	B12NW (E)	0	3	475000 438348
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(E)	0	3	476000 438348

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(NW)	0	3	473000 440000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(NW)	0	3	472452 440000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(NW)	0	3	472784 440000
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	(SW)	0	3	472836 436774
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	B11NW (SE)	0	3	474471 438348
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	B12NW (E)	0	3	475000 438348
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(N)	0	3	474471 440000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(N)	0	3	475000 440000
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	B11NW (SE)	0	3	474471 438348
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(NW)	0	3	472556 439996
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(NW)	0	3	472287 439736

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	B12NW (E)	0	3	475000 438348
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(N)	0	3	474471 440000
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(NW)	0	3	472784 440000
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(N)	0	3	475000 440000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	3	473298 440020
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	3	472490 440000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	3	472847 440000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	3	473210 440000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	3	472583 439986
4	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	(NW)	95	2	473095 439842
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B14NW (NW)	57	2	473579 439118
	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: 1298.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B12SE (E)	0	4	475375 438207
6	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B12NW (E)	0	4	475122 438403
7	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 549.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B12NW (E)	0	4	475122 438403

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B12NW (E)	0	4	475134 438403
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B12SW (E)	0	4	475152 438184
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 468.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B12NE (E)	0	4	475359 438440
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 588.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B12SE (E)	0	4	475356 438336
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B12NE (E)	0	4	475359 438433
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 456.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Derwent Humber Primacy: 1	B14NW (NW)	32	4	473556 439283
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 372.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B8NE (SE)	84	4	475422 437750
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 383.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B8NE (SE)	107	4	475395 437926
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 217.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B16SE (NE)	108	4	475360 438904

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 460.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	(NE)	108	4	475570 438960
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 273.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B8NW (SE)	145	4	475140 437856
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: Underground Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B16SE (NE)	149	4	475334 438911
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 331.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B16SW (NE)	155	4	475010 438844
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: Underground Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B8NE (SE)	180	4	475383 437846
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B8NE (SE)	185	4	475386 437842
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B14NE (NW)	193	4	473888 439107
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B16SW (NE)	219	4	474909 438813
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Chapelgarth Drain Catchment Name: Foulness Primacy: 1	B16SW (NE)	219	4	475010 438844

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Chapelgarth Drain Catchment Name: Foulness Primacy: 1	B16SW (NE)	226	4	475007 438850
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 412.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Chapelgarth Drain Catchment Name: Foulness Primacy: 1	B16SW (NE)	230	4	475005 438854
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B16SW (NE)	232	4	474903 438812
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 543.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B11NW (N)	233	4	474400 438619
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.4 Watercourse Level: Underground Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B8NE (SE)	243	4	475396 437785
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B8NE (SE)	252	4	475398 437776
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 244.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B14SE (NW)	285	4	473910 438867
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B14NE (NW)	285	4	473888 439107
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 2	B14NE (NW)	285	4	473895 439108

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 132.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Derwent Humber Primacy: 1	B13NW (NW)	340	4	472873 439348
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: Underground Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B8SE (SE)	407	4	475433 437625
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 425.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B8SW (SE)	418	4	475180 437586
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B8SE (SE)	419	4	475435 437613
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: Underground Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B8SE (SE)	429	4	475436 437603
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B8SE (SE)	431	4	475436 437601
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Derwent Humber Primacy: 1	B13NW (NW)	433	4	472873 439348
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 264.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Derwent Humber Primacy: 1	B13NW (NW)	435	4	472869 439344
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.8 Watercourse Level: Underground Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B8SE (SE)	444	4	475437 437589

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B8SE (SE)	466	4	475442 437557
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.7 Watercourse Level: Underground Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B8SE (SE)	472	4	475445 437528
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: Underground Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B11NW (N)	488	4	474395 438618
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Derwent Humber Primacy: 1	B13NW (NW)	488	4	473131 439117
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 265.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B11NW (NW)	491	4	474358 438601
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 172.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B8SE (SE)	494	4	475453 437459
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 358.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Derwent Humber Primacy: 1	B13NW (NW)	505	4	473114 439115
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B14SE (NW)	517	4	473934 438803
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 578.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B7SE (S)	561	4	474687 437388

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B4NE (SE)	584	4	475471 437287
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B8SE (SE)	584	4	475407 437349
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 248.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B10NE (NW)	585	4	473978 438559
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B4NE (SE)	604	4	475530 437144
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 178.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Chapelgarth Drain Catchment Name: Foulness Primacy: 1	B15NE (N)	620	4	474827 439229
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 158.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B7SW (S)	630	4	474501 437480
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B7SE (S)	630	4	474643 437410
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 257.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B7NW (S)	631	4	474286 437672
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B7SE (S)	631	4	474647 437407

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B4NE (SE)	633	4	475500 437107
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B7SE (S)	634	4	474681 437390
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: Underground Permanent: True Watercourse Name: Chapelgarth Drain Catchment Name: Foulness Primacy: 1	B15NE (N)	639	4	474828 439223
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: Underground Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B7SW (S)	640	4	474477 437506
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B7SW (S)	640	4	474480 437504
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 256.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 2	B7SW (S)	642	4	474493 437490
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: Underground Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B7SW (S)	642	4	474493 437490
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B4NE (SE)	659	4	475525 437141
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B4NE (SE)	664	4	475452 437123

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B4NE (SE)	665	4	475452 437191
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B4NE (SE)	665	4	475455 437191
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B4NE (SE)	674	4	475454 437180
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B4NE (SE)	679	4	475454 437174
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: Underground Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B7NW (S)	692	4	474283 437674
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B6NE (SW)	694	4	474194 437731
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B4NE (SE)	705	4	475500 437107
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B4NE (SE)	706	4	475452 437111
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B4NE (SE)	720	4	475452 437123

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 241.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B4NE (SE)	730	4	475452 437111
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: Underground Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B10NE (NW)	731	4	474149 438519
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 160.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B10NE (NW)	740	4	474141 438516
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B6NE (SW)	757	4	474189 437732
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B6NE (SW)	761	4	474185 437732
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 416.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Autherthaws Drain Catchment Name: Foulness Primacy: 1	B10NE (NW)	769	4	473965 438558
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: Underground Permanent: True Watercourse Name: Autherthaws Drain Catchment Name: Foulness Primacy: 1	B10NW (W)	789	4	473553 438508
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 296.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Autherthaws Drain Catchment Name: Foulness Primacy: 1	B10NW (W)	791	4	473546 438506
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.9 Watercourse Level: Underground Permanent: True Watercourse Name: Autherthaws Drain Catchment Name: Foulness Primacy: 1	B10NE (NW)	825	4	473978 438559

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B10NE (W)	829	4	473996 438452
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.2 Watercourse Level: Underground Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B4NW (SE)	830	4	475116 437167
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B4NW (SE)	845	4	475121 437153
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 179.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B4NW (SE)	847	4	475121 437151
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 138.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: ings Drain Catchment Name: Derwent Humber Primacy: 1	B7SW (S)	856	4	474253 437427
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Derwent Humber Primacy: 2	B7SW (S)	857	4	474241 437440
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Derwent Humber Primacy: 2	B7SW (S)	861	4	474237 437439
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B10NE (W)	882	4	474001 438440
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B10NE (W)	882	4	474001 438440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: Underground Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B10NE (W)	885	4	473999 438445
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 268.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	B10NE (W)	890	4	473994 438433
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B6NE (SW)	916	4	474026 437722
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 262.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B6NE (SW)	921	4	474021 437721
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B4SE (SE)	962	4	475373 436885
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Moor Dike Catchment Name: Foulness Primacy: 1	B4SE (SE)	966	4	475371 436880
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 261.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Farfield Drain Catchment Name: Foulness Primacy: 1	B4SW (S)	977	4	474950 436950
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B4NW (SE)	977	4	475206 436996
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B4SE (SE)	981	4	475212 436984

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.9 Watercourse Level: Underground Permanent: True Watercourse Name: Ings Drain Catchment Name: Derwent Humber Primacy: 1	B6SE (S)	981	4	474119 437395
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 207.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hazelbush Drain Catchment Name: Foulness Primacy: 1	B4SE (SE)	982	4	475215 436981
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Birk Lane Drain Catch (trib of Derwent) WaterBody ID: GB104027063430 Operational: Derwent Lower Yorkshire Catchment: Derwent Humber Management: Derwent Humber Catchment: Yorkshire Derwent Catchment Name: Yorkshire Derwent	B9SE (W)	0	2	473510 438170
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Foulness from Black Beck to Market Weighton Canal WaterBody ID: GB104026066690 Operational: Foulness Catchment: Hull and East Riding Management: Hull and East Riding Catchment: Hull & East Riding Catchment Name: Hull & East Riding	B11NW (SE)	0	2	474471 438348
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Derwent from Elvington Beck to River Ouse WaterBody ID: GB104027068311 Operational: Derwent Lower Yorkshire Catchment: Derwent Humber Management: Derwent Humber Catchment: Yorkshire Derwent Catchment Name: Yorkshire Derwent	B7SW (S)	9	2	474300 437530
	Water Framework Directive - Groundwater Waterbody Name: Derwent Sherwood Sandstone Waterbody ID: GB40401G700600 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40401G700600 Overall Rating: Poor Chemical Rating: Poor Quantitative: Good Measure: 2019	B11NW (SE)	0	2	474471 438348
	Water Framework Directive - Groundwater Waterbody Name: East Riding Mercia Mudstone Waterbody ID: GB40402G990200 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40402G990200 Overall Rating: Poor Chemical Rating: Poor Quantitative: Poor Measure: 2019	B11SE (E)	0	2	474688 438325

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	Licensed Waste Management Facilities (Locations) Licence Number: 120293 Location: MALLARD GRANGE, LAYTHAM ROAD, Selby, EAST RIDING OF , YO8 6AB Operator Name: MALLARD GRANGE ENVIRONMENTAL SERVICES LTD Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: HCl Waste TS + treatment Licence Status: Issued Issued: 4th February 2021 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	B12SE (E)	99	2	475465 438051
	Local Authority Landfill Coverage Name: East Riding of Yorkshire Unitary Authority - Has no landfill data to supply		0	5	474471 438348
110	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	B4NE (SE)	341	-	475496 437299
111	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1854	B8NW (SE)	0	-	474926 437994
112	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	B8NW (SE)	35	-	474914 437950
113	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1854	B8NW (SE)	96	-	474919 437889
114	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	B8NE (SE)	169	-	475361 437854
115	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	B8NE (SE)	288	-	475412 437743
116	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	B8SW (SE)	404	-	474941 437581
117	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	B14SE (NW)	525	-	473921 438862
118	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	B14SE (NW)	544	-	473878 438826
119	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	B14SE (NW)	609	-	473921 438773
120	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	B4NW (SE)	685	-	475035 437307
121	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	B7SW (S)	819	-	474236 437510
122	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	B9NE (W)	856	-	473215 438524
123	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	B4NW (SE)	863	-	475131 437135
124	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	B6SE (S)	944	-	474148 437418

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
125	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958</p>	B9NE (W)	945	-	473248 438414
126	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1854</p>	B9NE (W)	956	-	473277 438391
127	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958</p>	B6SE (SW)	958	-	474095 437469

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	B11NW (SE)	0	1	474471 438348
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	B11SE (E)	0	1	474791 438325
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B11NE (E)	0	1	474616 438343
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	B5NW (W)	0	1	473000 438000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	B11NW (SE)	256	1	474471 438348
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B11NW (SE)	0	1	474471 438348
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B12NW (E)	0	1	475000 438348
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B12NW (E)	0	1	475000 438348
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B11NW (SE)	0	1	474471 438348
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B11NW (SE)	0	1	474471 438348
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B12NW (E)	0	1	475000 438348

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B11NW (SE)	0	1	474471 438348
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B12NW (E)	0	1	475000 438348
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B12NW (E)	0	1	475000 438348
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B11NW (SE)	0	1	474471 438348
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B11NW (SE)	0	1	474471 438348
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B12NW (E)	0	1	475000 438348
	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	B11NW (SE)	0	1	474471 438348
	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	B12NW (E)	0	1	475000 438348
	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	B11NW (SE)	0	1	474471 438348
	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	B12NW (E)	0	1	475000 438348

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	Contemporary Trade Directory Entries Name: K B Packaging & Insulation Location: The Warehouse, Foggathorpe, Selby, YO8 6PR Classification: Packaging Materials Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	B8SE (SE)	362	-	475535 437608
129	Contemporary Trade Directory Entries Name: E Gowthorpe Location: Fieldhouse Farm, Harlthorpe, Selby, North Yorkshire, YO8 6DW Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	B7SE (S)	613	-	474575 437466
130	Points of Interest - Commercial Services Name: E Gowthorpe Location: Fieldhouse Farm, Harlthorpe, Selby, YO8 6DW Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	B7SE (S)	613	6	474575 437466
130	Points of Interest - Commercial Services Name: E Gowthorpe Location: Fieldhouse Farm, Harlthorpe, Selby, YO8 6DW Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	B7SE (S)	613	6	474575 437466
131	Points of Interest - Manufacturing and Production Name: Tank Location: YO8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	B8NW (SE)	158	6	474999 437833
131	Points of Interest - Manufacturing and Production Name: Tank Location: YO8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	B8NW (SE)	163	6	475000 437828
131	Points of Interest - Manufacturing and Production Name: Tanks Location: YO8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	B8NW (SE)	173	6	474985 437817
132	Points of Interest - Manufacturing and Production Name: G S Sellers Location: Foggathorpe, Selby, YO8 6PX Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	B4NE (SE)	702	6	475422 437171
132	Points of Interest - Manufacturing and Production Name: Tank Location: YO8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	B4NE (SE)	722	6	475367 437196
133	Points of Interest - Manufacturing and Production Name: R L Clark Location: East End Farm, Harlthorpe, Selby, YO8 6DW Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	B6SE (SW)	976	6	474093 437440
134	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: YO8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	B4NE (SE)	668	6	475428 437211
134	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: YO8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	B4NE (SE)	669	6	475428 437210

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	Points of Interest - Public Infrastructure Name: Outfall Location: YO8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	B4NE (SE)	686	6	475441 437176
134	Points of Interest - Public Infrastructure Name: Outfall Location: YO8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	B4NE (SE)	686	6	475442 437175
135	Points of Interest - Public Infrastructure Name: Slurry Bed Location: YO42 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	B15NE (N)	709	6	474744 439306
136	Points of Interest - Public Infrastructure Name: Sewage Works Location: YO8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	B4SE (SE)	967	6	475354 436890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
137	Nitrate Vulnerable Zones Name: Blackfoss Bk Lower Catch (Trib Of Pocklington Bk) Nvz Description: Surface Water Source: Environment Agency, Head Office	(NW)	0	2	472550 439957
138	Nitrate Vulnerable Zones Name: Foulness From Black Beck To Market Weighton Canal Nvz Description: Surface Water Source: Environment Agency, Head Office	B8NE (SE)	0	2	475423 437749

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office East Riding of Yorkshire Council - Public Protection Division	November 2023 October 2017	Annually Annual Rolling Update
Discharge Consents Environment Agency - North East Region	October 2024	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	
Integrated Pollution Controls Environment Agency - North East Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North East Region	October 2024	Quarterly
Local Authority Integrated Pollution Prevention And Control East Riding of Yorkshire Council - Public Protection Division	December 2020	Variable
Local Authority Pollution Prevention and Controls East Riding of Yorkshire Council - Public Protection Division	December 2020	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements East Riding of Yorkshire Council - Public Protection Division	November 2014	Variable
Nearest Surface Water Feature Ordnance Survey	November 2024	
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	
Historical Prosecutions Environment Agency, North East Region	March 2013	Not Applicable
Registered Radioactive Substances Environment Agency - Head Office Environment Agency - North East Region	May 2023 May 2023	
Substantiated Pollution Incident Register Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	October 2024 October 2024	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	October 2024	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	

Agency & Hydrological	Version	Update Cycle
OS Water Network Lines Ordnance Survey	October 2024	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
Water Framework Directive - Catchment Environment Agency - Head Office	July 2024	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2024	Annually
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	October 2024	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	November 2024 November 2024	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	October 2024 October 2024	Quarterly Quarterly
Local Authority Landfill Coverage East Riding of Yorkshire Council - Public Protection Division	February 2003	Not Applicable
Local Authority Recorded Landfill Sites East Riding of Yorkshire Council - Public Protection Division	October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	September 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements East Riding of Yorkshire Council	October 2015	Variable
Planning Hazardous Substance Consents East Riding of Yorkshire Council	October 2015	Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	March 2024	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	November 2024	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2024	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	December 2024	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	February 2024	Quarterly
Points of Interest - Commercial Services PointX	December 2024	Quarterly
Points of Interest - Education and Health PointX	December 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2024	Quarterly
Points of Interest - Public Infrastructure PointX	December 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	November 2024	Bi-Annually
Areas of Adopted Green Belt East Riding of Yorkshire Council - Planning Department	July 2024	Quarterly
Areas of Unadopted Green Belt East Riding of Yorkshire Council - Planning Department	July 2024	Quarterly
Areas of Outstanding Natural Beauty Natural England	November 2024	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	August 2024	Bi-Annually
Marine Nature Reserves Natural England	February 2025	Bi-Annually
National Nature Reserves Natural England	January 2025	Bi-Annually
National Parks Natural England	September 2024	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 November 2024	Annually
Ramsar Sites Natural England	February 2025	Bi-Annually
Sites of Special Scientific Interest Natural England	November 2024	Bi-Annually
Special Areas of Conservation Natural England	January 2025	Bi-Annually
Special Protection Areas Natural England	November 2024	Bi-Annually

A selection of organisations who provide data within this report


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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	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.co.uk
5	East Riding of Yorkshire Council - Public Protection Division Council Offices, Church Street, GOOLE, East Riding Of Yorks, DN14 5BG	Telephone: 08457 887700 Fax: 01482 396104 Website: www.eastriding.gov.uk/
6	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk




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

Geology 1:50,000 Maps Legends




Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Peat And Silt	Not Supplied - Holocene
	THOR	Thorganby Clay Member	Clay, Silty	Not Supplied - Devensian
	SKIS	Skipwith Sand Member	Sand, Clayey	Not Supplied - Devensian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MMG	Mercia Mudstone Group	Mudstone	Not Supplied - Early Triassic
	SSG	Sherwood Sandstone Group	Sandstone	Not Supplied - GUADALUPIAN
		Faults		



Geology 1:50,000 Maps

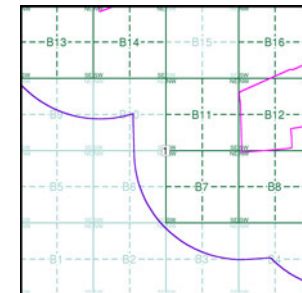
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	071
Map Name:	Selby
Map Date:	2008
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice B

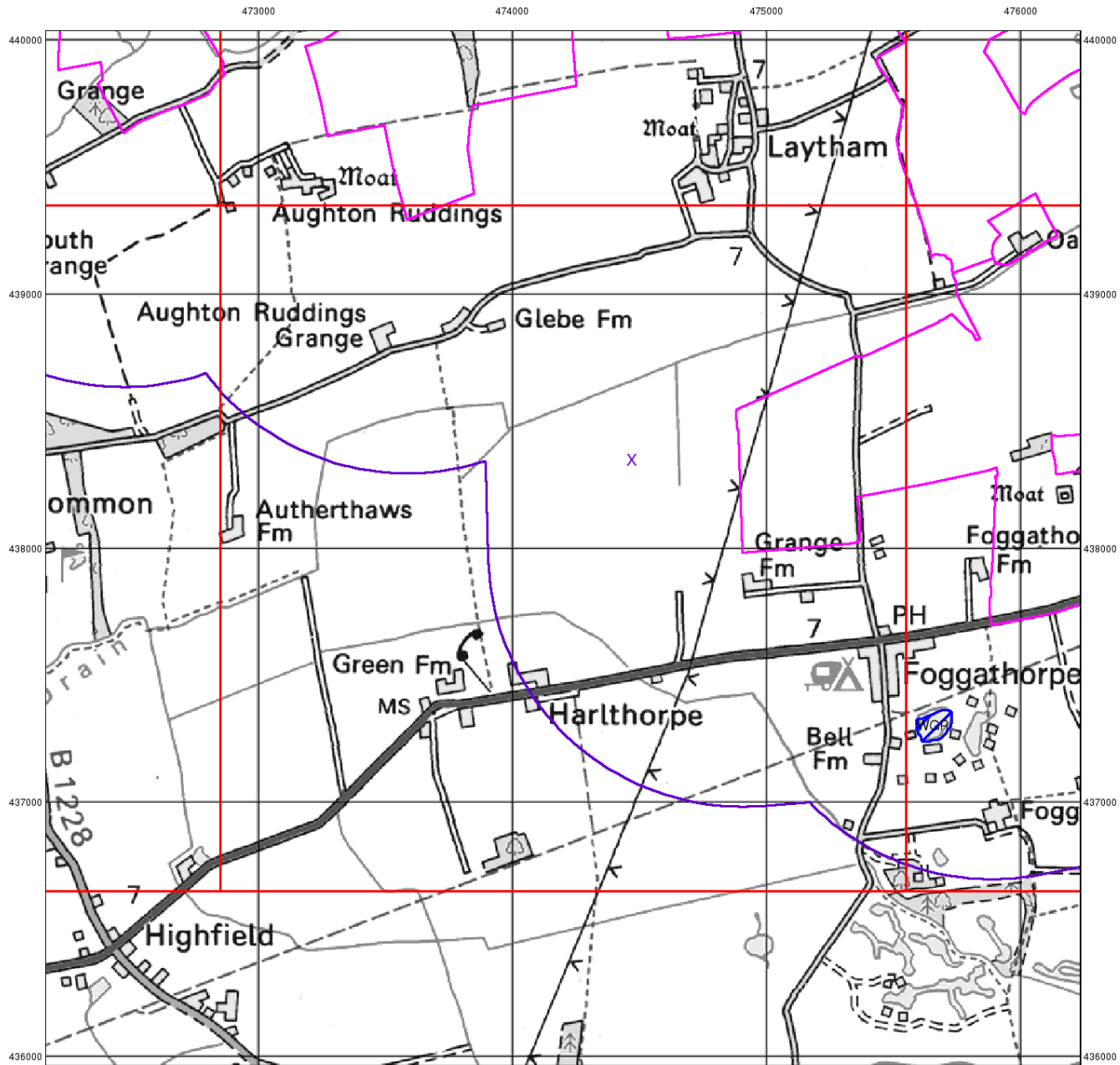


Order Details:

Order Number:	370061200_1_1
Customer Reference:	P02153163
National Grid Reference:	474470, 438350
Slice:	B
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details:

Mylen Leah



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Artificial Ground and Landslip

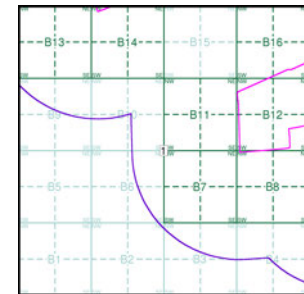
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice B



Order Details:

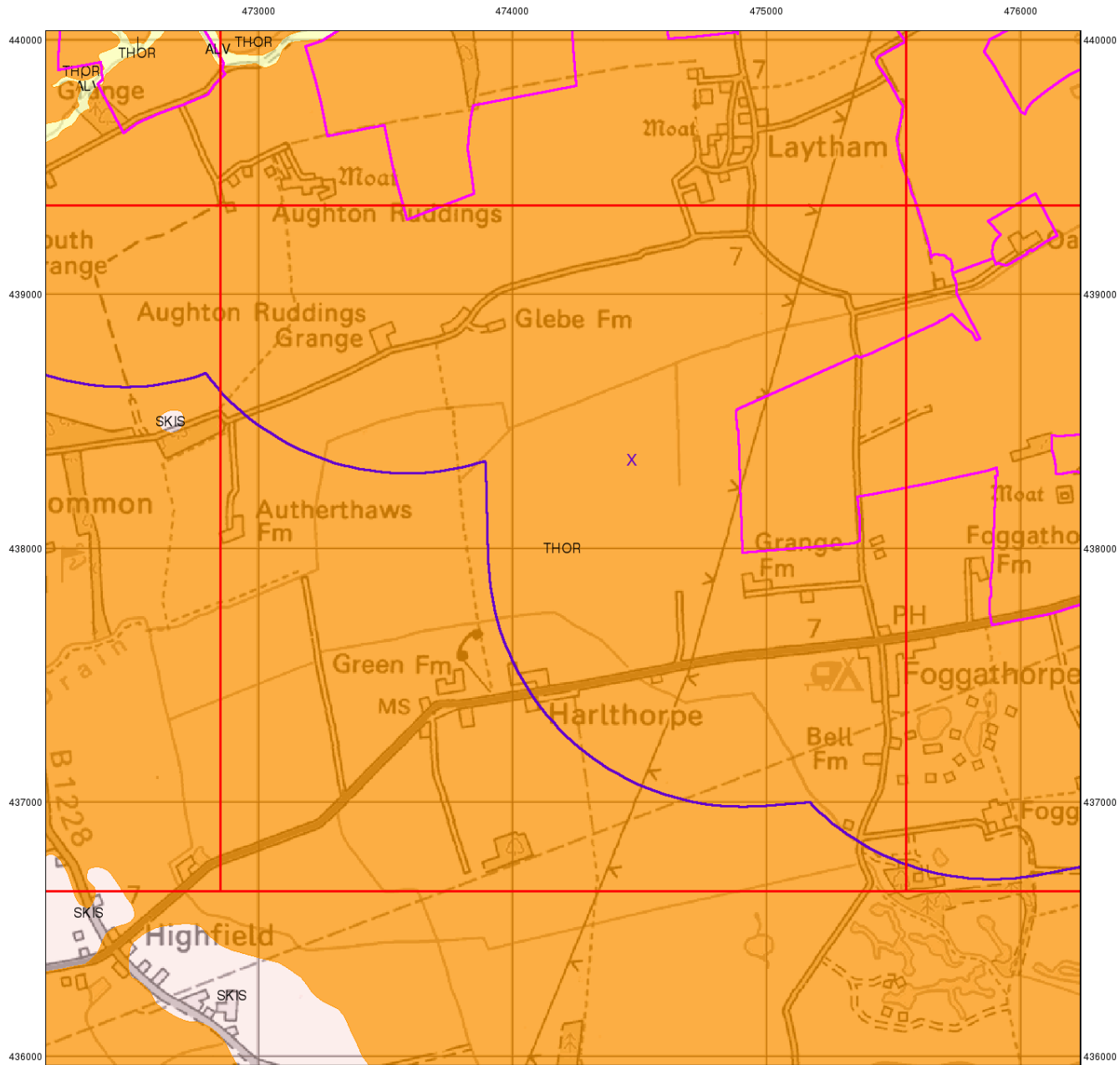
Order Number: 370061200_1_1
 Customer Reference: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details:

Mylen Leah



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



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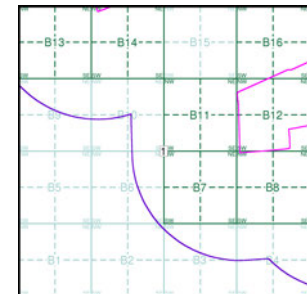
Superficial Geology

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

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

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

Superficial Geology Map - Slice B



Order Details:

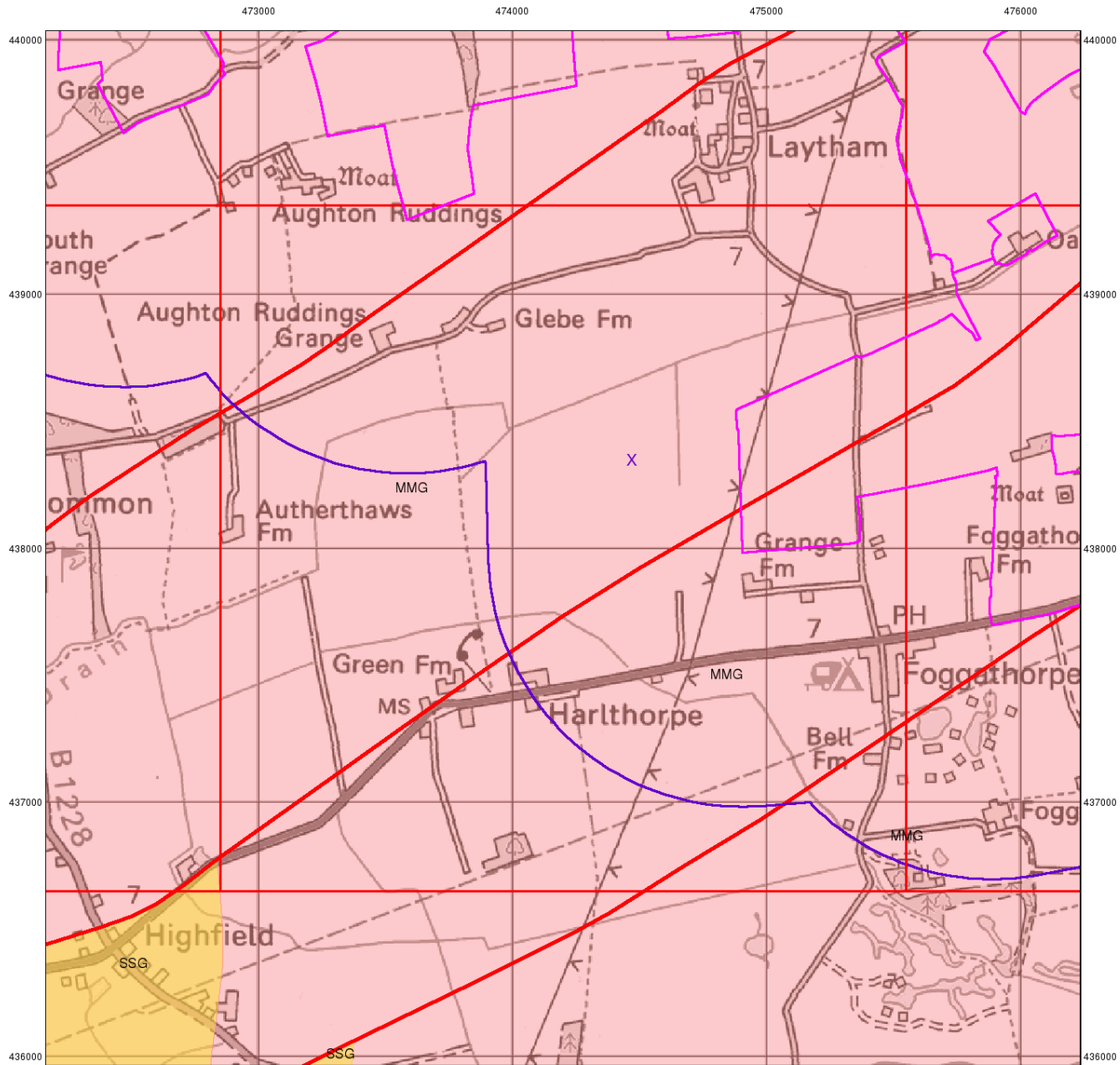
Order Number: 370061200_1_1
 Customer Reference: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details:

Mylen Leah



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 Fax: 0844 844 9951
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Bedrock and Faults

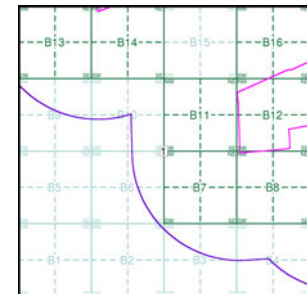
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice B



Order Details:

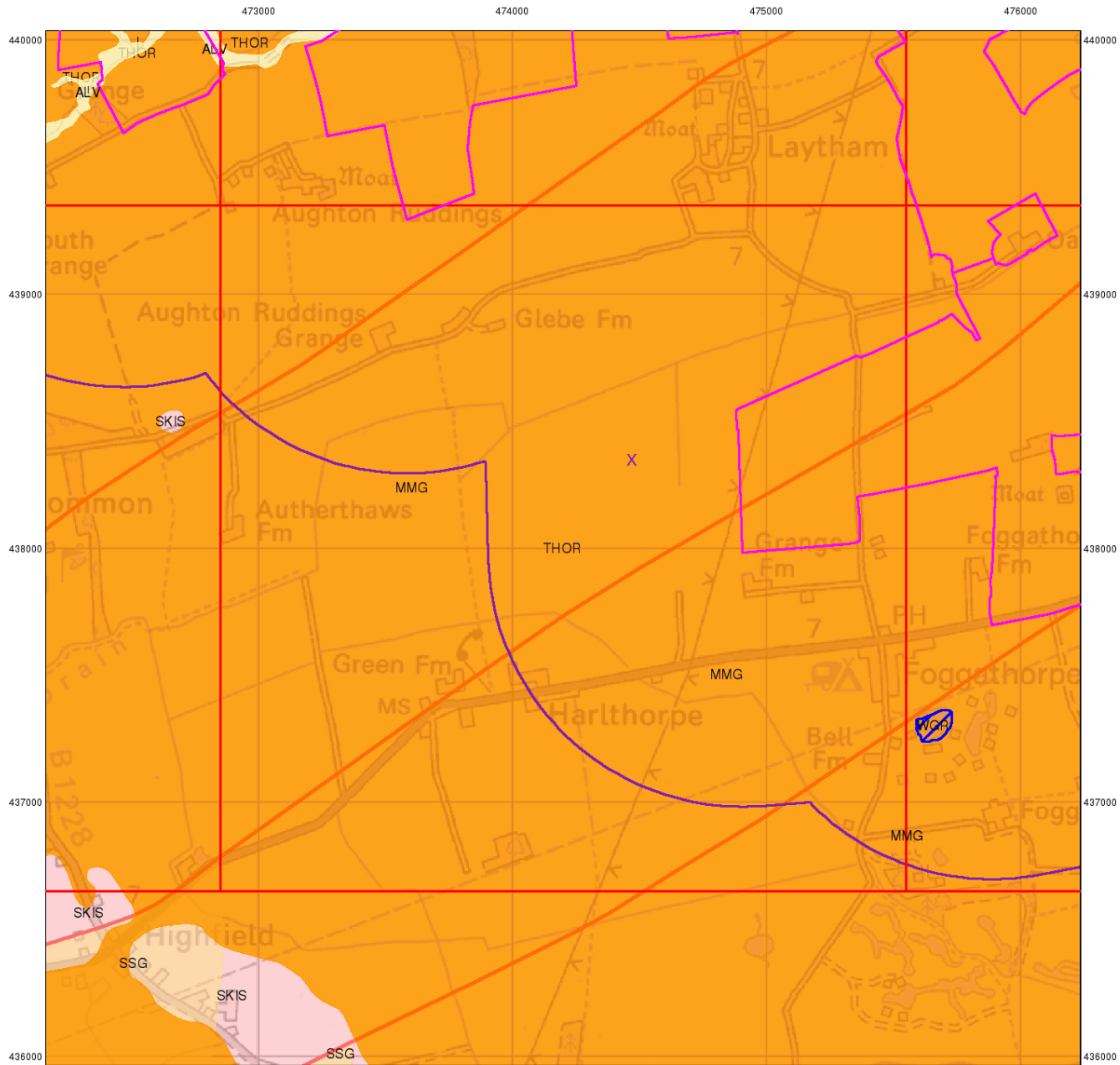
Order Number: 370061200_1_1
 Customer Reference: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details:

Mylen Leah



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



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Combined Surface Geology

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

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

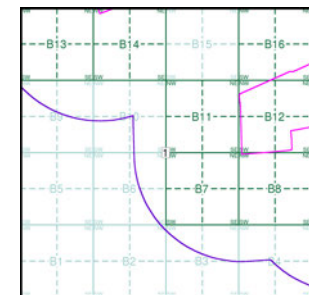
Additional Information

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

Contact

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

Combined Geology Map - Slice B



Order Details:

Order Number:	370061200_1_1
Customer Reference:	P02153163
National Grid Reference:	474470, 438350
Slice:	B
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details:

Mylen Leah



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

Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Geographical County
- Administrative County, County Borough or County of City
- Municipal Borough, Urban or Rural District, Burgh or District Council
- Borough, Burgh or County Constituency
- Civil Parish
- BP, BS Boundary Post or Stone
- Ch Church
- CH Club House
- F E Sta Fire Engine Station
- FB Foot Bridge
- Fn Fountain
- GP Guide Post
- MP Mile Post
- MS Mile Stone
- Pol Sta Police Station
- PO Post Office
- PC Public Convenience
- PH Public House
- SB Signal Box
- Spr Spring
- TCB Telephone Call Box
- TCP Telephone Call Post
- W Well

1:10,000 Raster Mapping

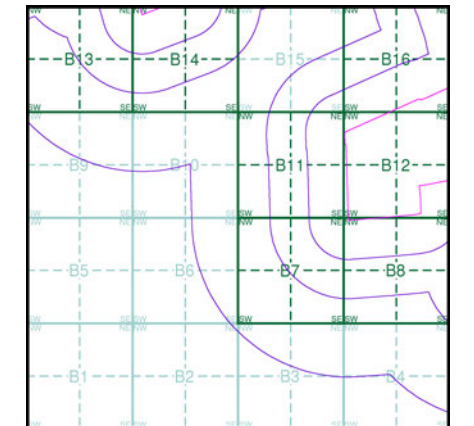
- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- General detail
- Overhead detail
- Multi-track railway
- County boundary (England only)
- District, Unitary, Metropolitan, London Borough boundary
- Area of wooded vegetation
- Non-coniferous trees (scattered)
- Coniferous trees (scattered)
-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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1854 - 1855	2
Yorkshire	1:10,560	1892	3
Yorkshire	1:10,560	1910	4
Yorkshire	1:10,560	1910	5
Yorkshire	1:10,560	1952 - 1953	6
Ordnance Survey Plan	1:10,000	1958	7
Ordnance Survey Plan	1:10,000	1977	8
10K Raster Mapping	1:10,000	1999	9
10K Raster Mapping	1:10,000	2006	10
VectorMap Local	1:10,000	2024	11

Historical Map - Slice B



Order Details

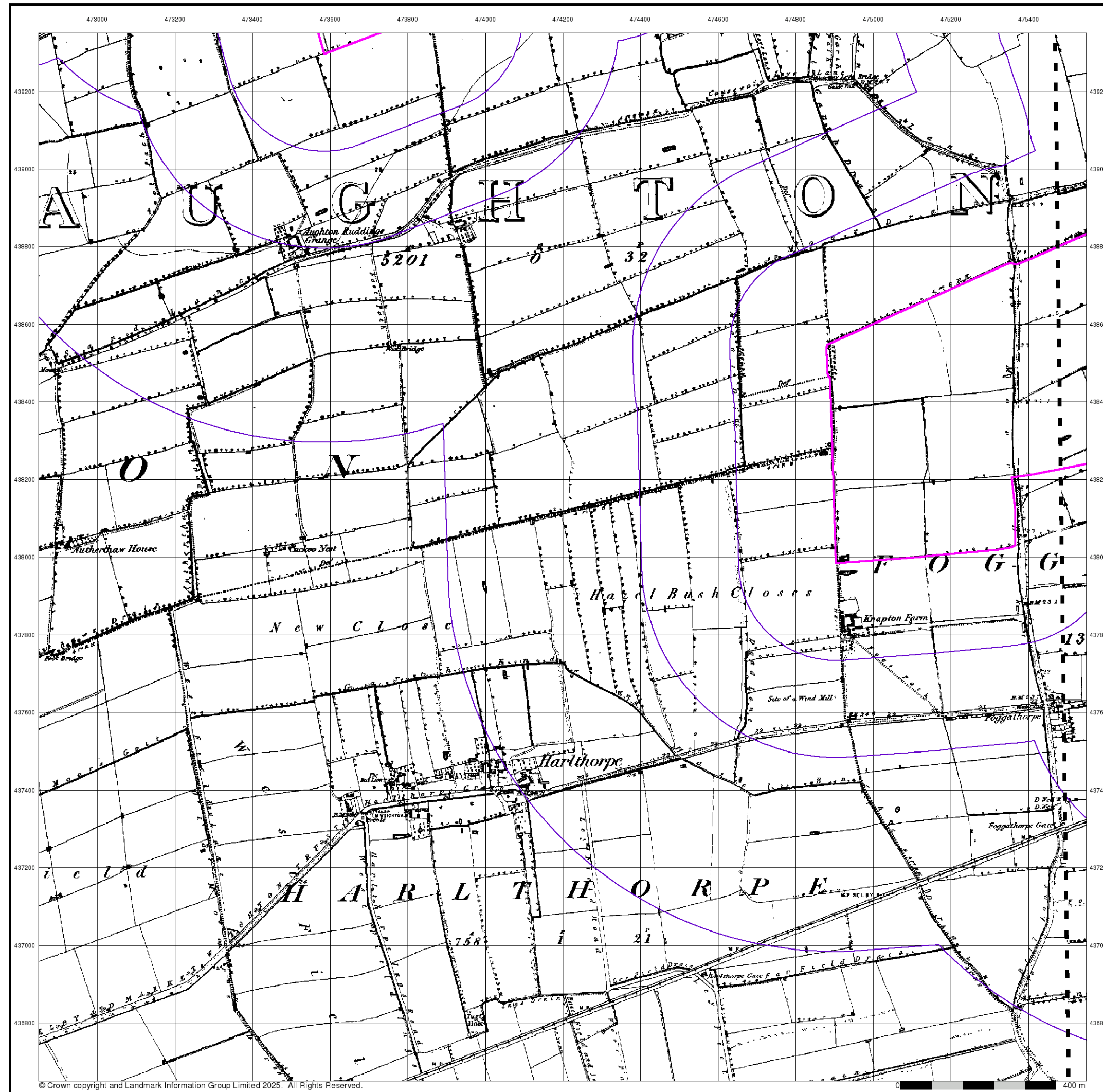
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

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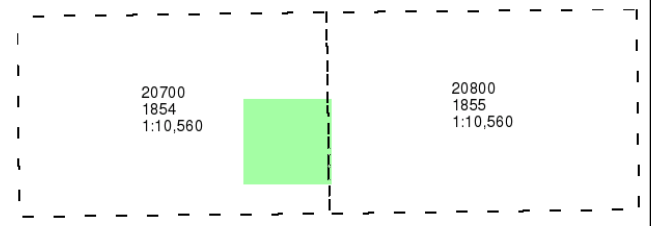
Yorkshire

Published 1854 - 1855

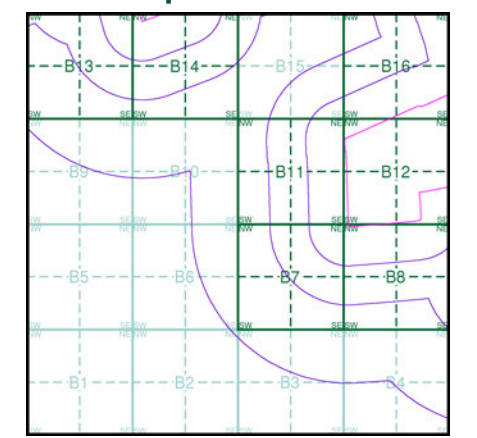
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

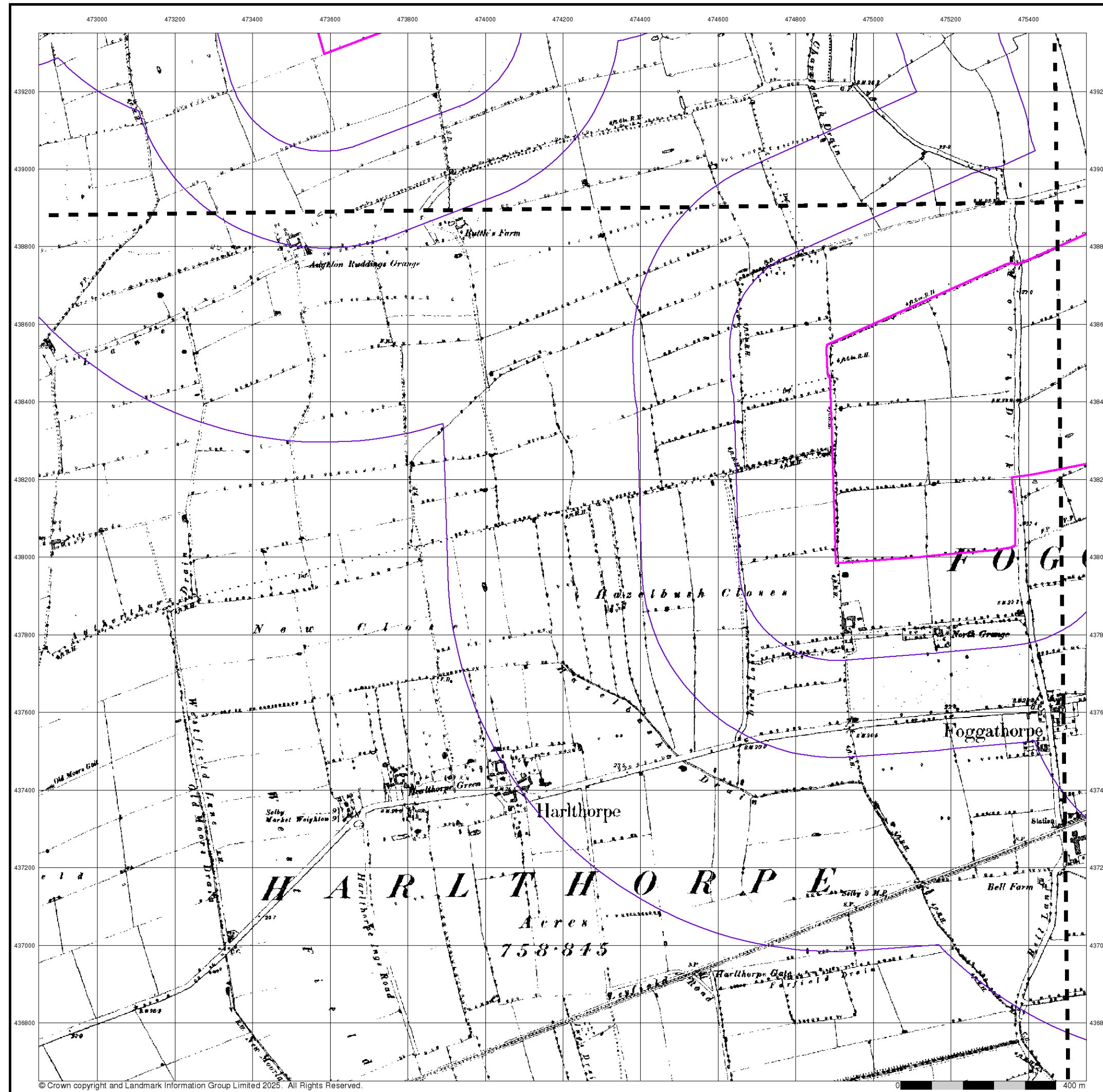
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Site Details

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Yorkshire

Published 1892

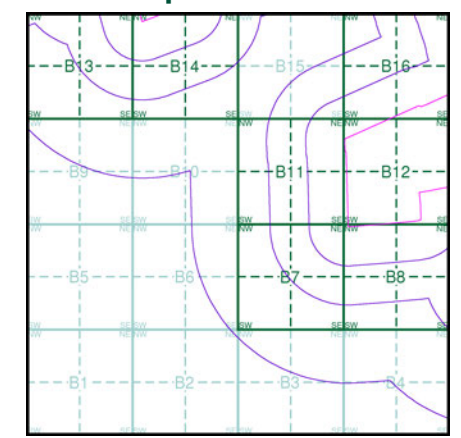
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

207NE 1892 1:10,560	208NW 1892 1:10,560
207SE 1892 1:10,560	208SW 1892 1:10,560

Historical Map - Slice B



Order Details

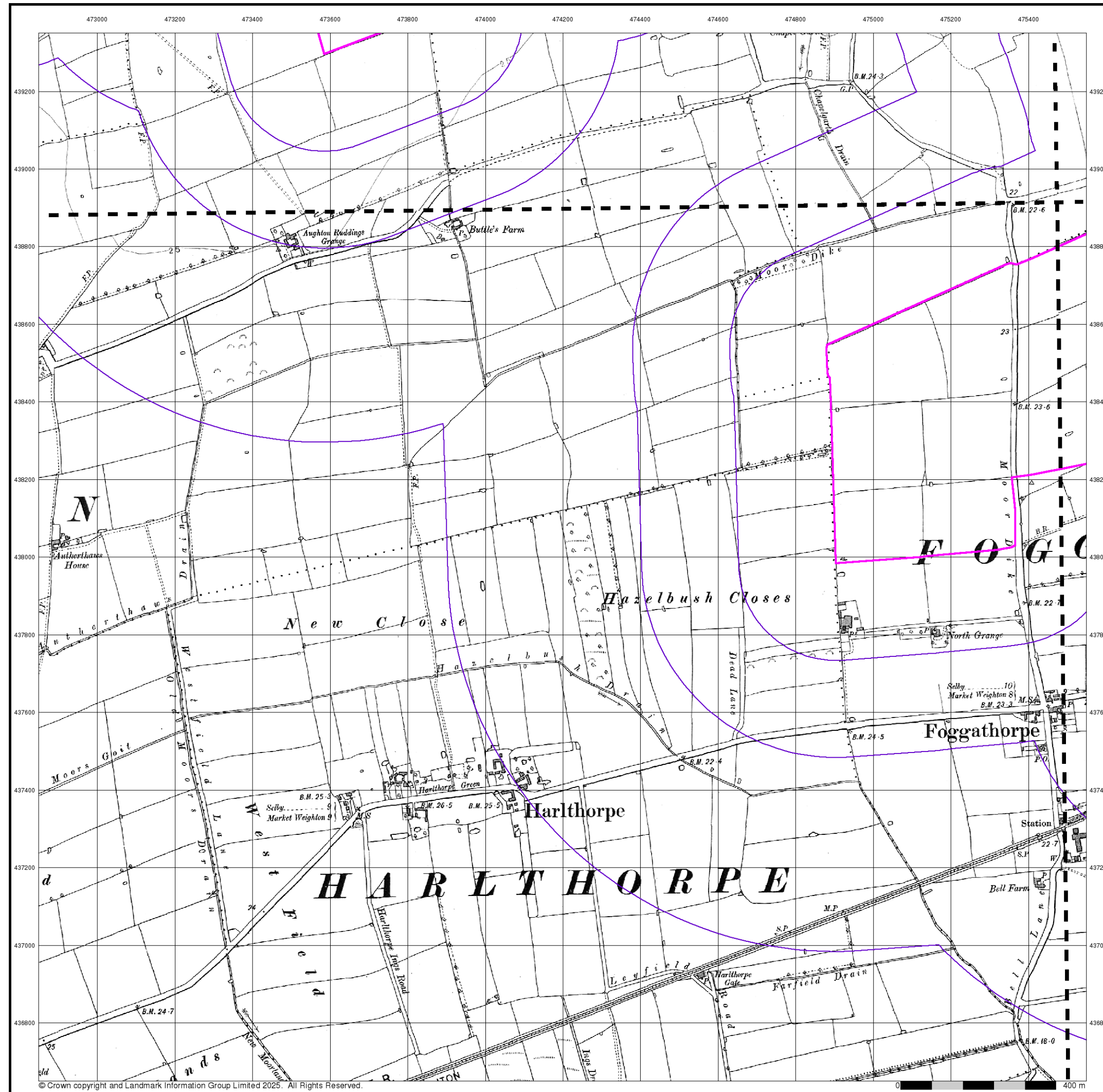
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 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

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Yorkshire

Published 1910

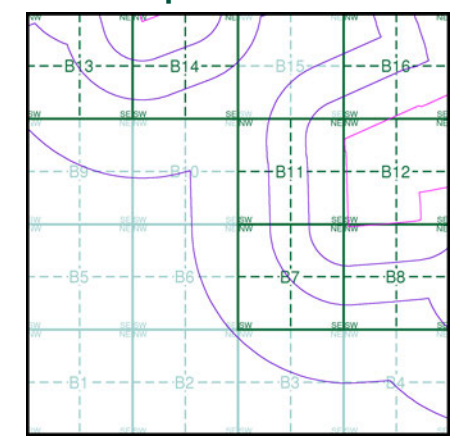
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

207NE 1910 1:10,560	208NW 1910 1:10,560
207SE 1910 1:10,560	208SW 1910 1:10,560

Historical Map - Slice B



Order Details

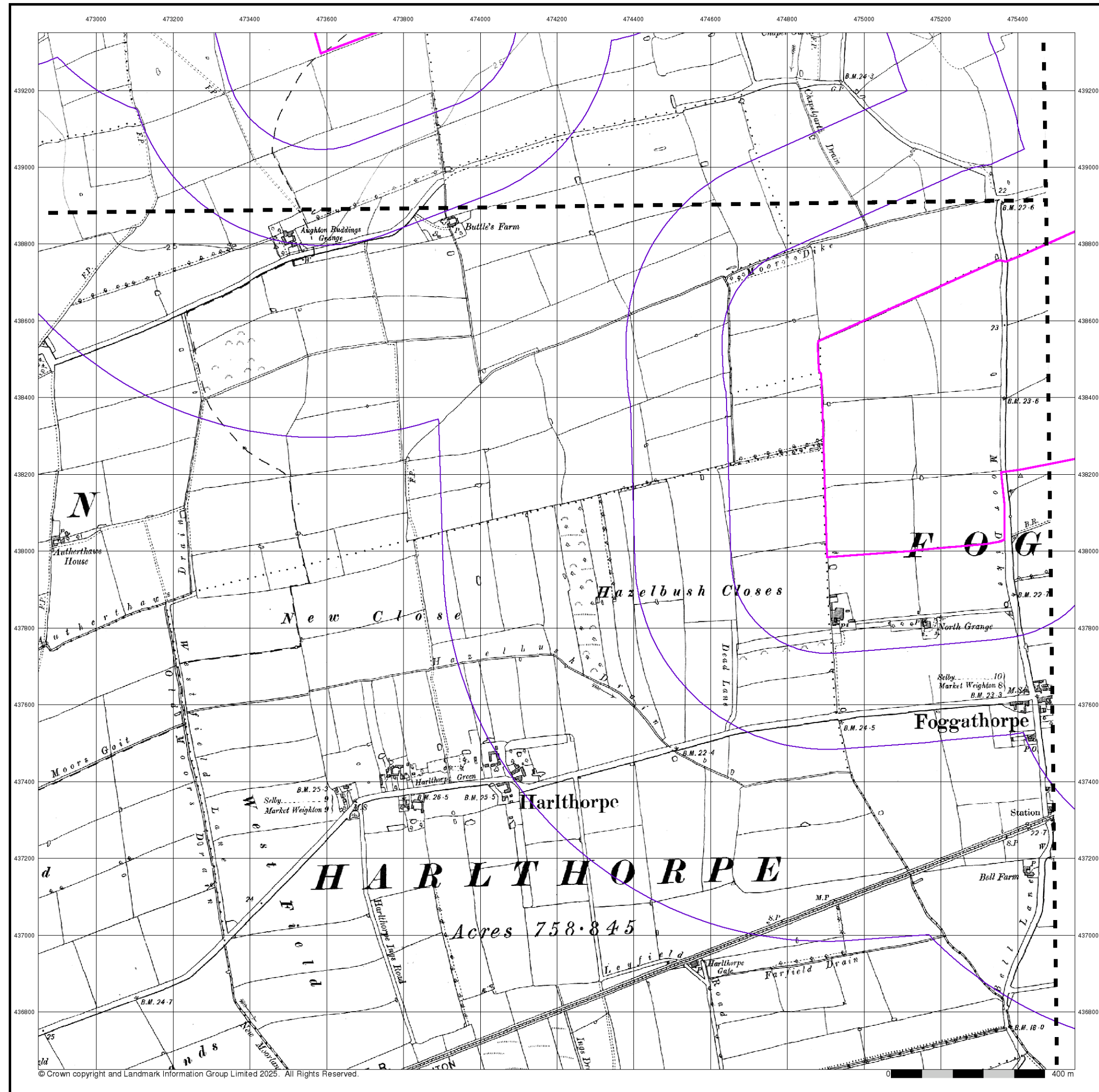
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Yorkshire

Published 1910

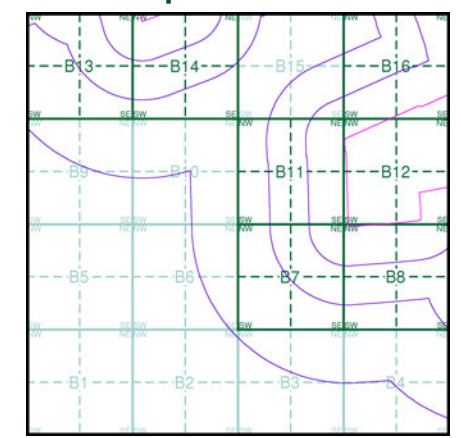
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

207NE	1910	1:10,560
207SE	1910	1:10,560

Historical Map - Slice B



Order Details

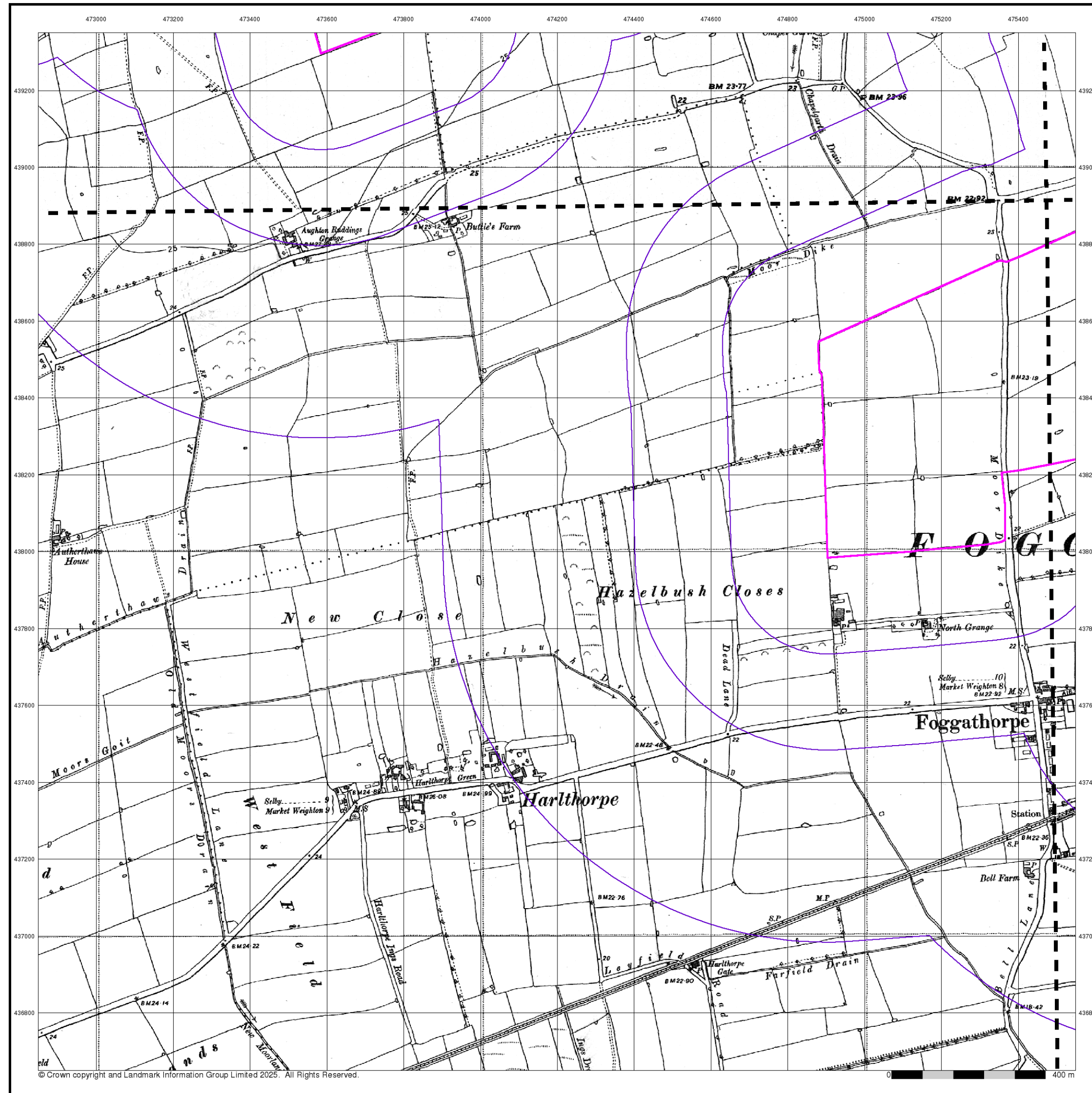
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Yorkshire

Published 1952 - 1953

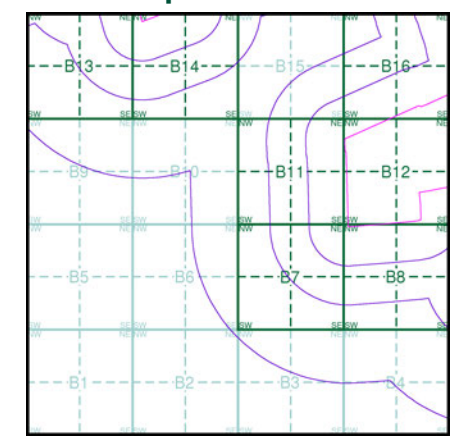
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

207NE 1953 1:10,560	208NW 1953 1:10,560
207SE 1952 1:10,560	208SW 1952 1:10,560

Historical Map - Slice B



Order Details

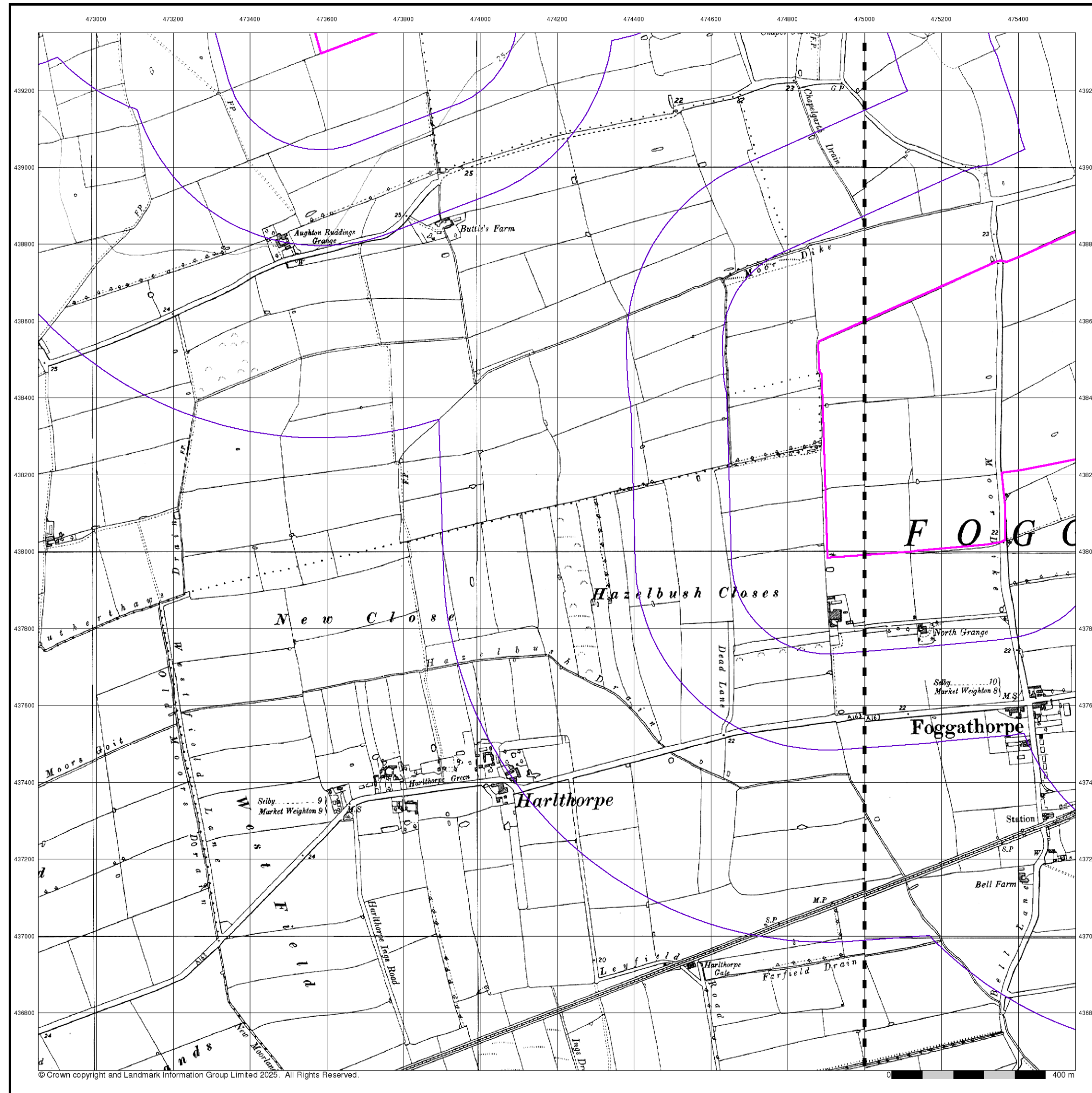
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Site Details

Mylen Leah



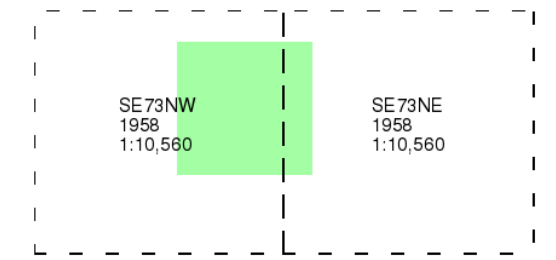
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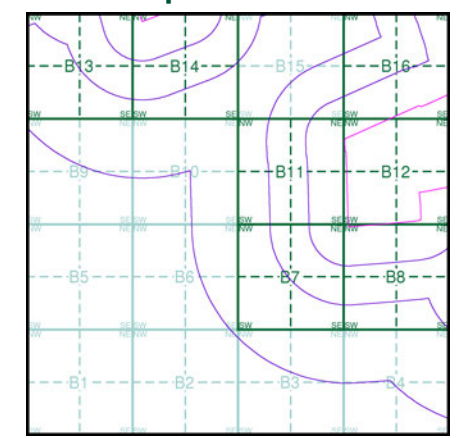
Ordnance Survey Plan
Published 1958
Source map scale - 1:10,000

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 B



Order Details

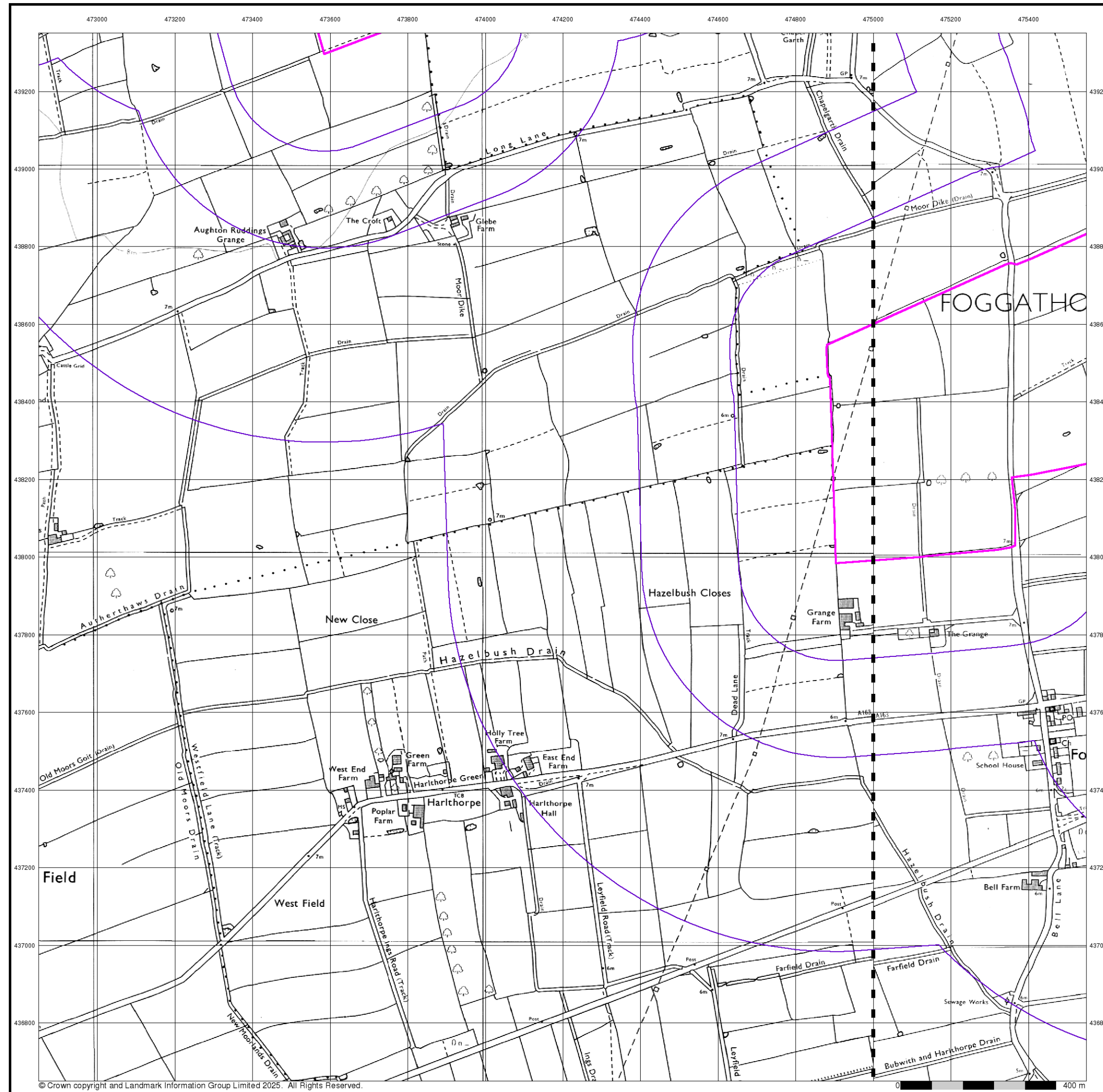
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Site Details

Mylen Leah



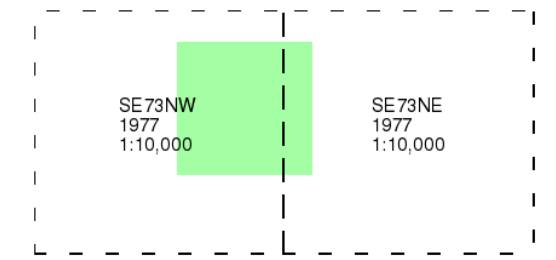
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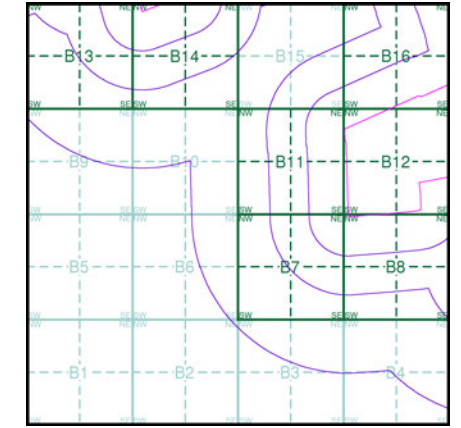
Ordnance Survey Plan
Published 1977
Source map scale - 1:10,000

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 B



Order Details

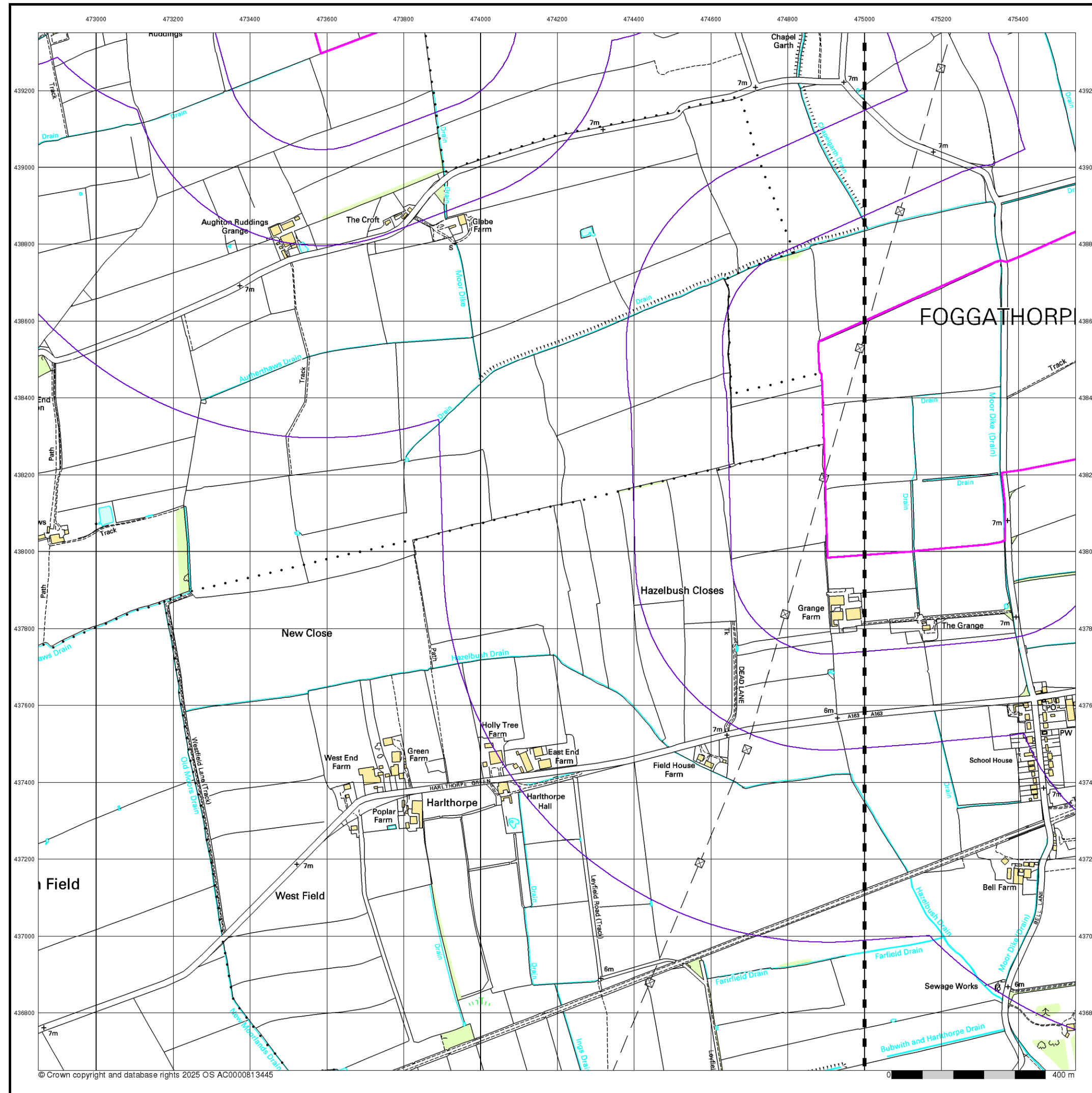
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Site Details

Mylen Leah



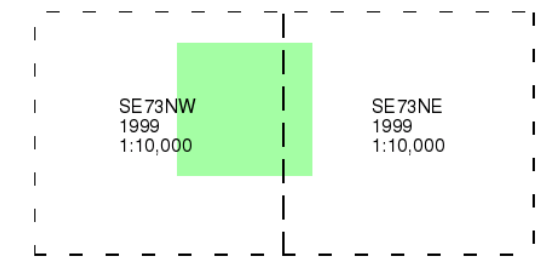
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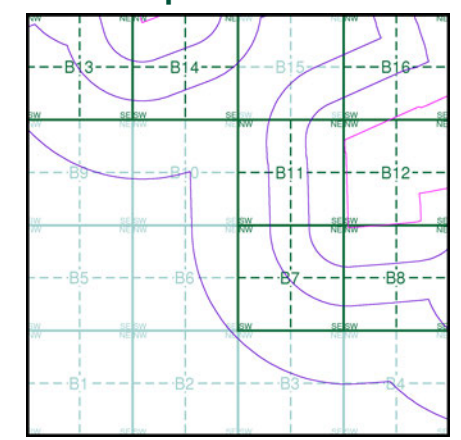
10k Raster Mapping
Published 1999
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

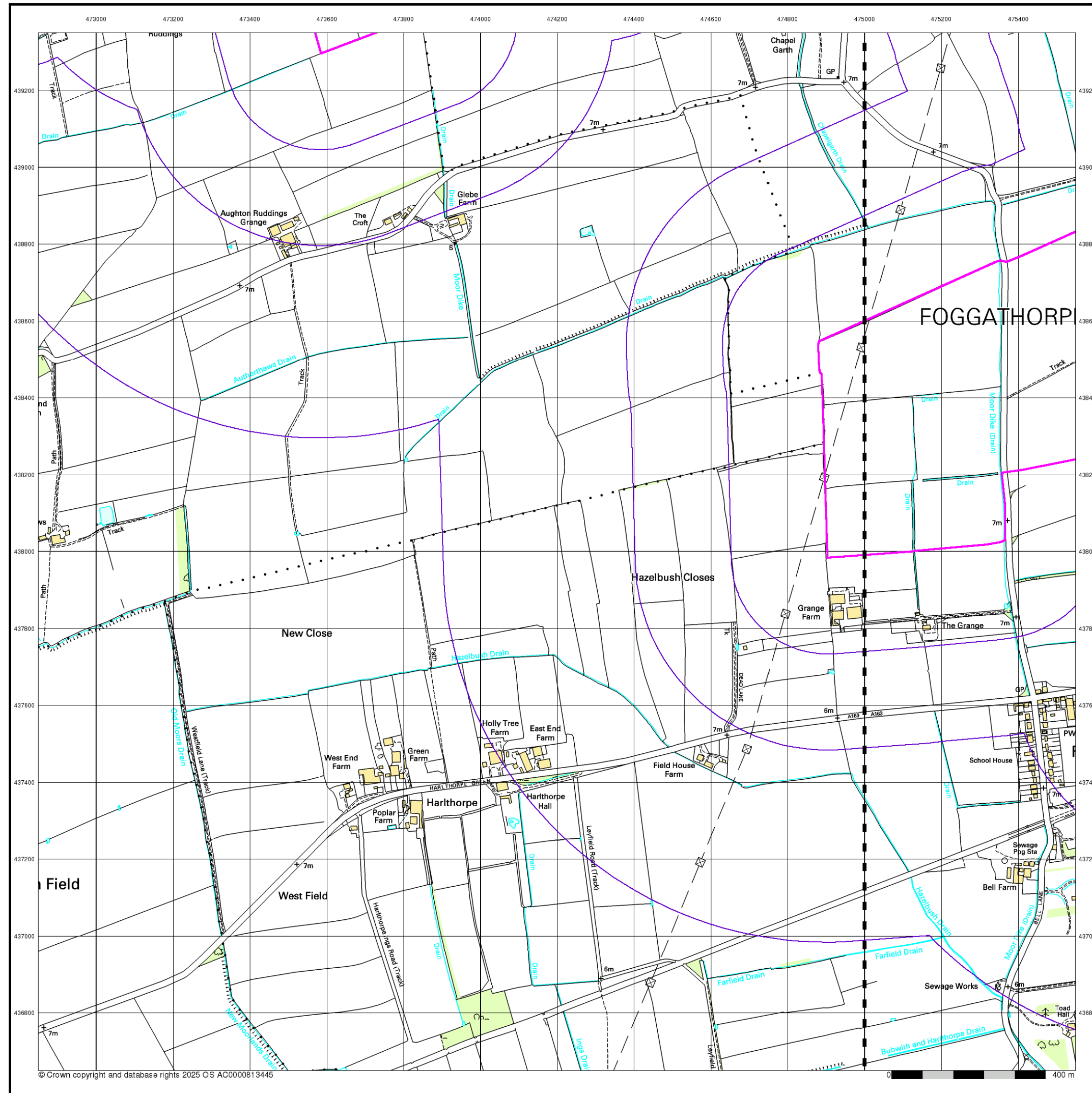
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Site Details

Mylen Leah



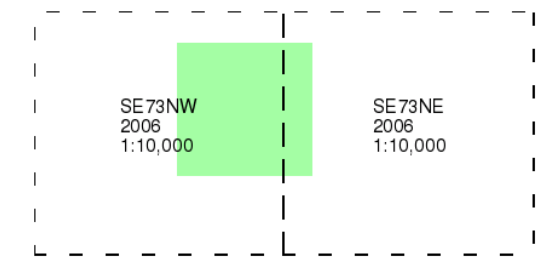
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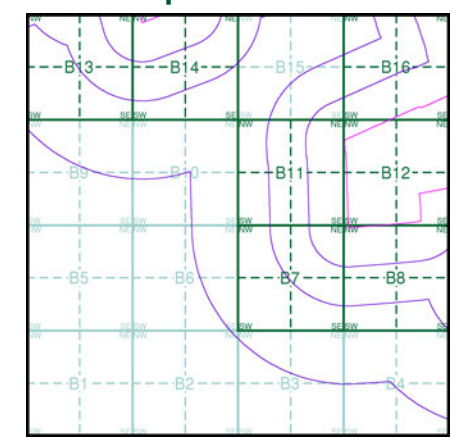
10k Raster Mapping
Published 2006
Source map scale - 1:10,000

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)



Historical Map - Slice B



Order Details

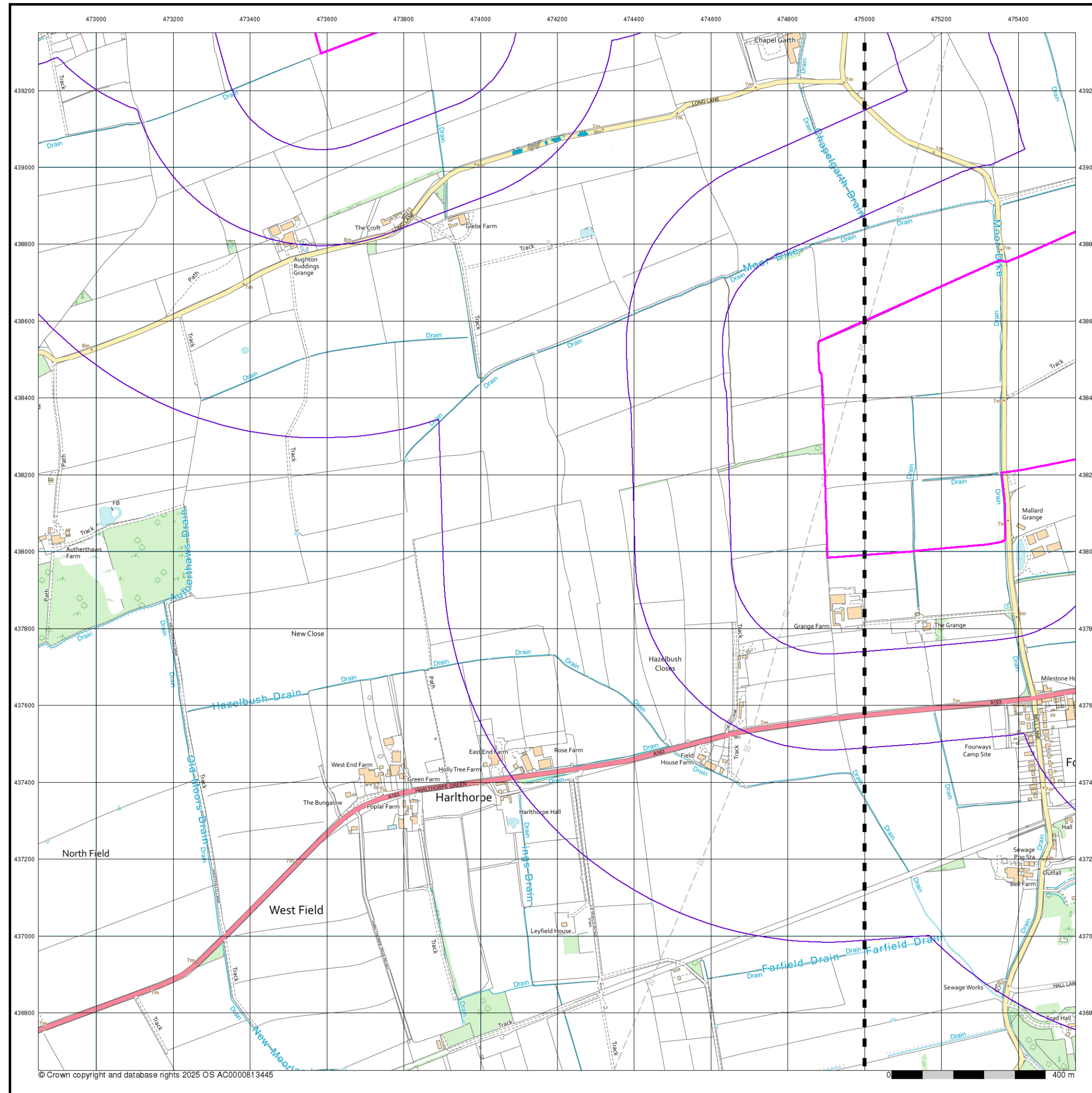
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Site Details

Mylen Leah



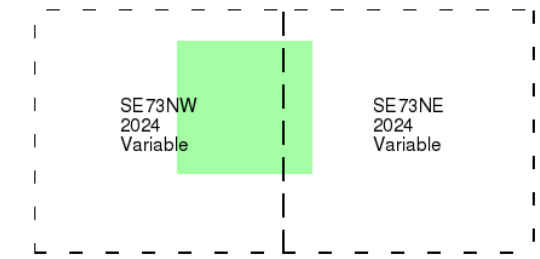
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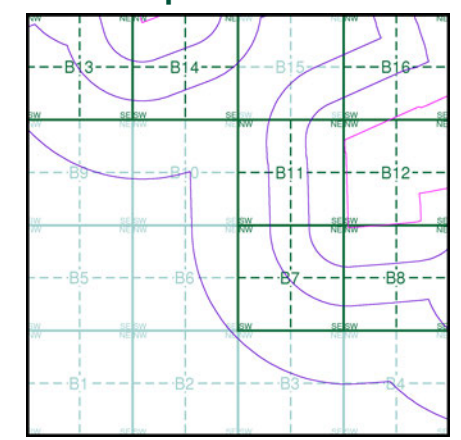
VectorMap Local
Published 2024
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

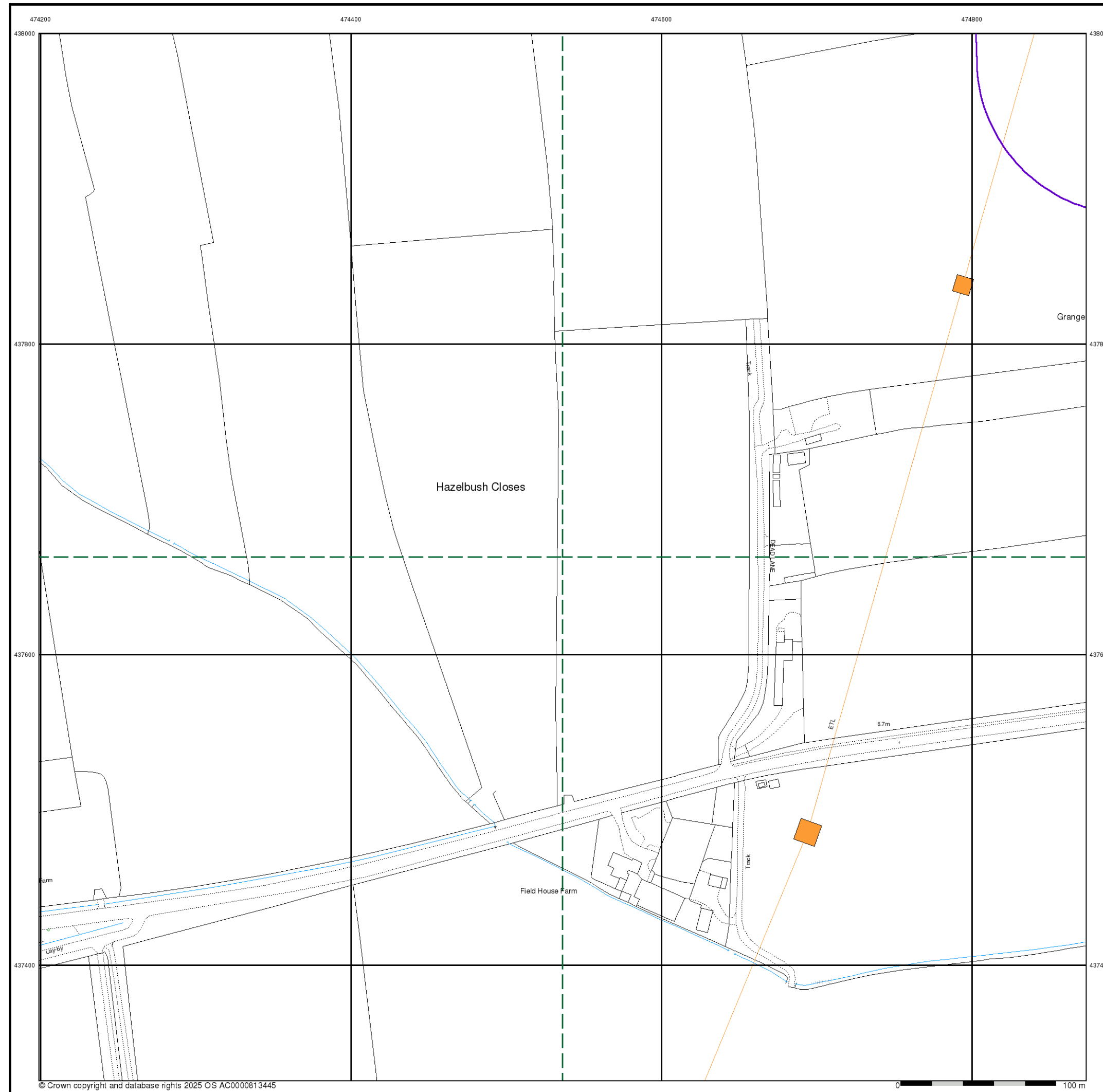
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Site Details

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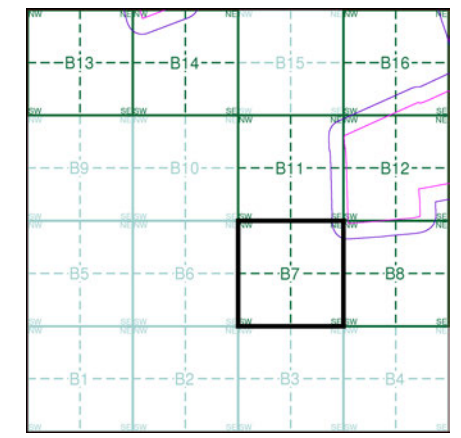


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 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



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

Site Sensitivity Map - Segment B7



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Plot Buffer (m): 100

Site Details
 Mylen Leah

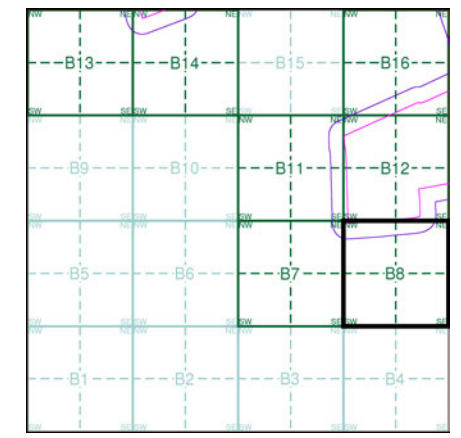
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General

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

Site Sensitivity Map - Segment B8



Order Details

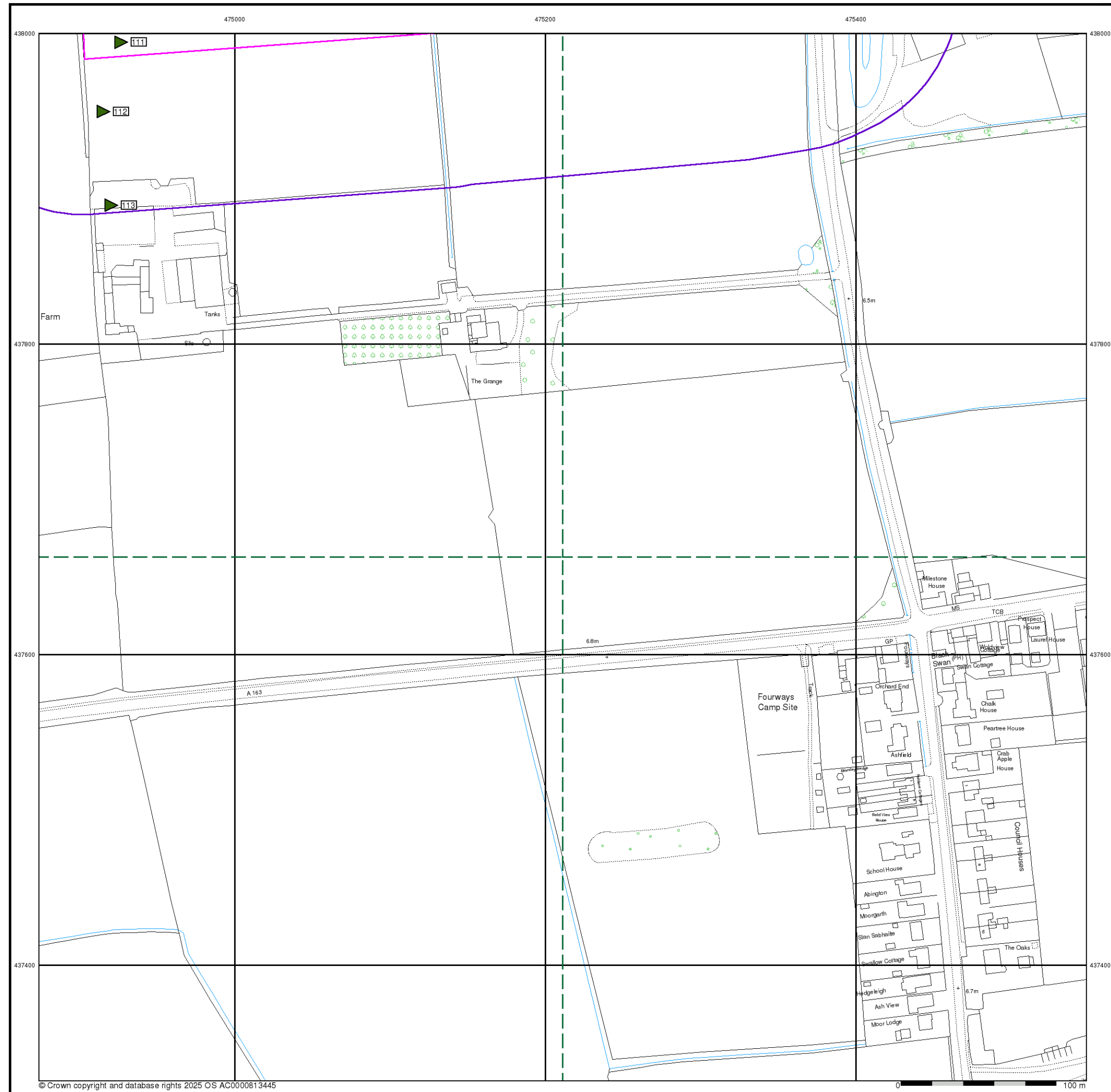
Order Number: 370061200_1_1
Customer Ref: P02153163
National Grid Reference: 474470, 438350
Slice: B
Site Area (Ha): 1888.5
Plot Buffer (m): 100

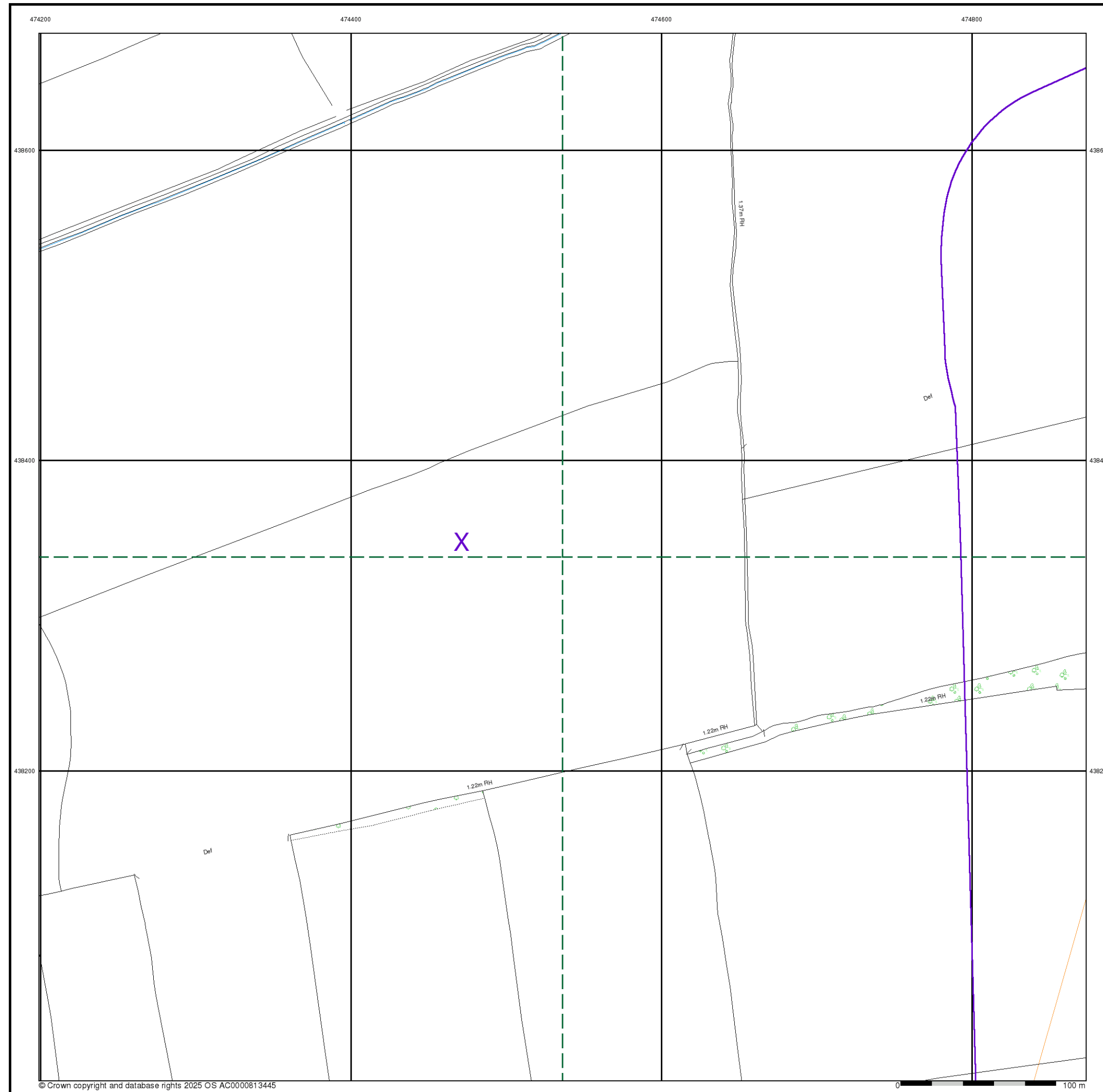
Site Details

Mylen Leah



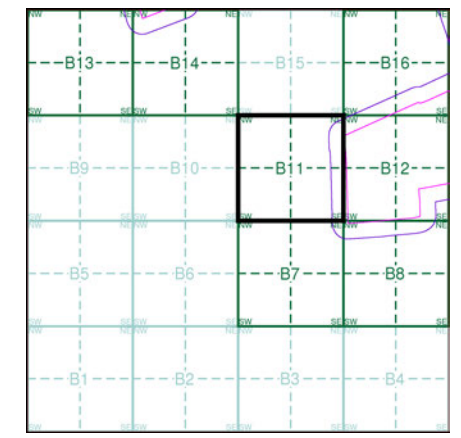
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk





- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Historical Prosecutions
 - Prosecutions
 - Registered Radioactive Substance
 - River Network or Water Feature
 - Substantiated Pollution Incident Register
 - Water Abstraction
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- Waste**
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 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
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 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
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 - 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 B11



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Plot Buffer (m): 100

Site Details
 Mylen Leah

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General

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

Agency and Hydrological

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

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
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- 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

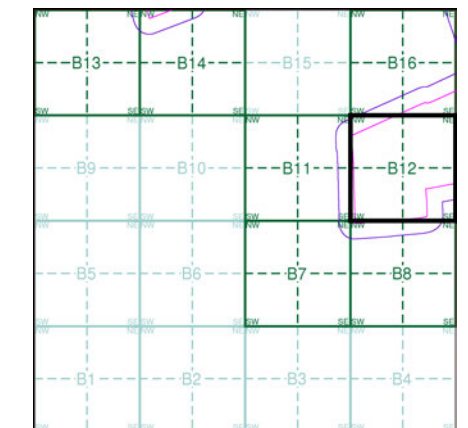
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment B12



Order Details

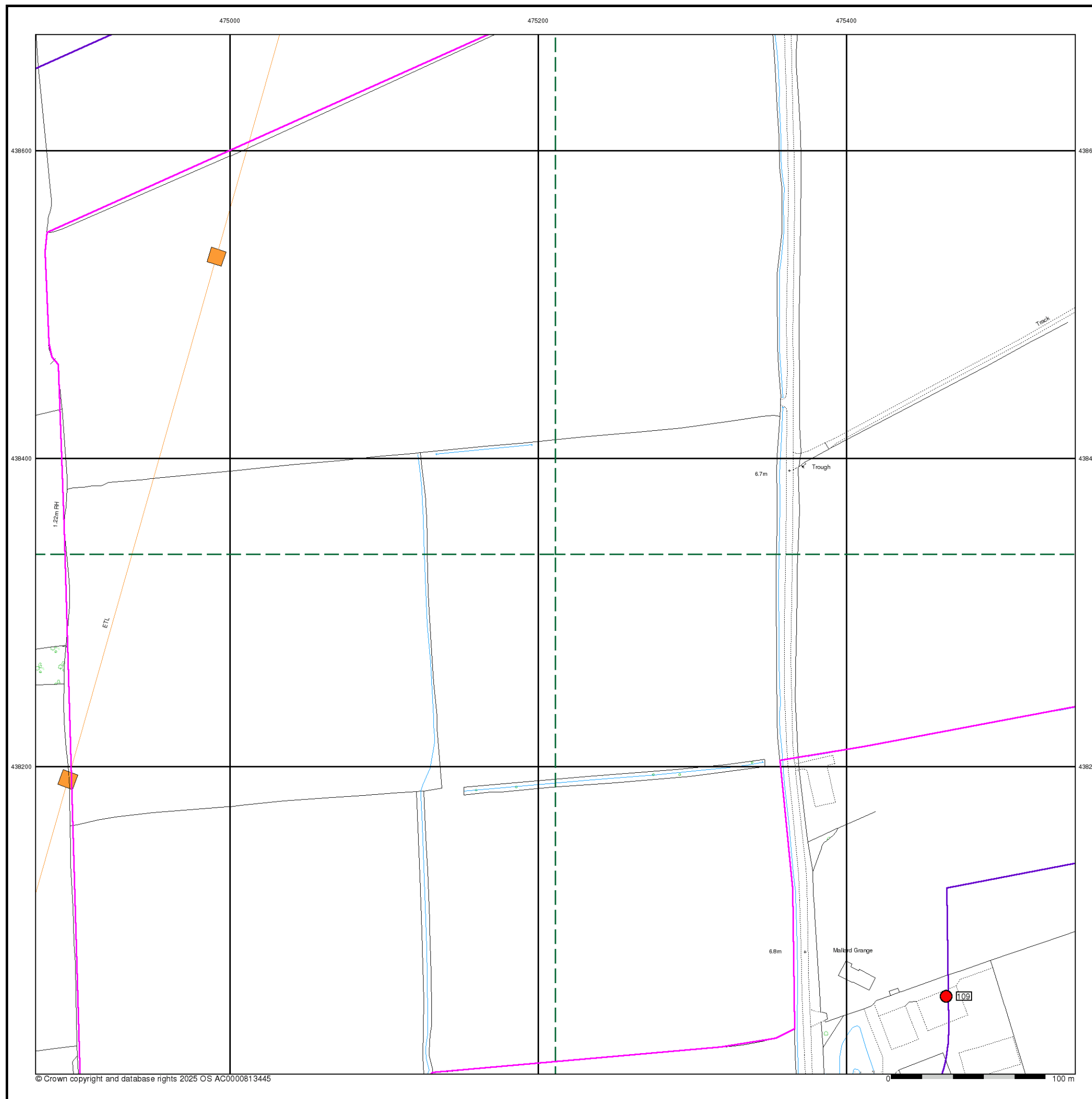
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Plot Buffer (m): 100

Site Details

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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- 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
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- Local Authority Pollution Prevention and Control Enforcement
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- Prosecutions
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- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

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- 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

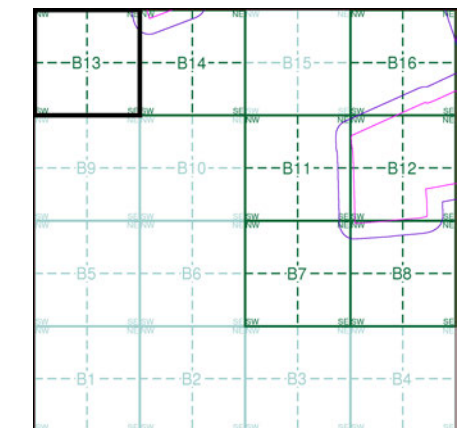
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment B13



Order Details

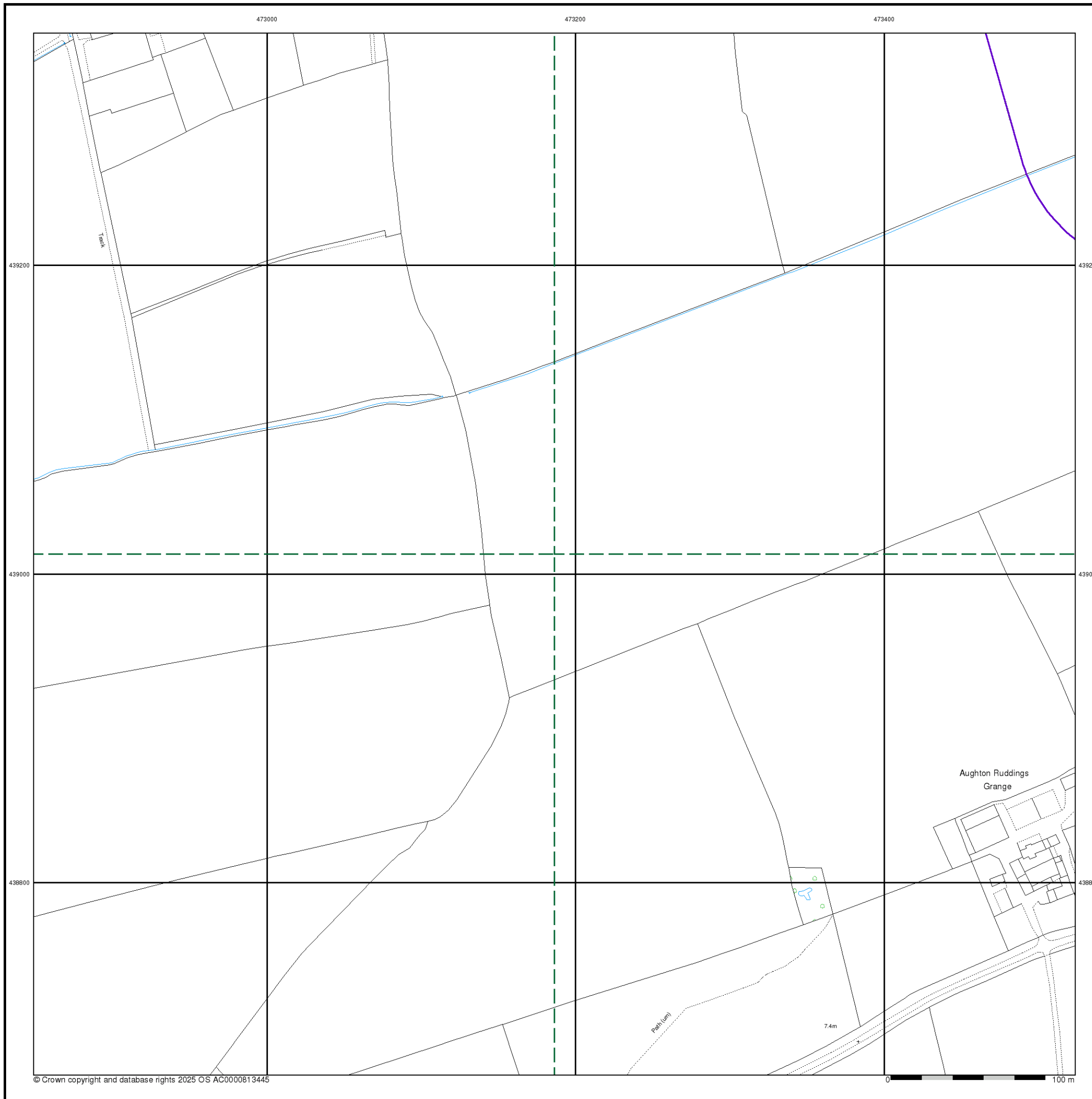
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Plot Buffer (m): 100

Site Details

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General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
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Waste

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- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

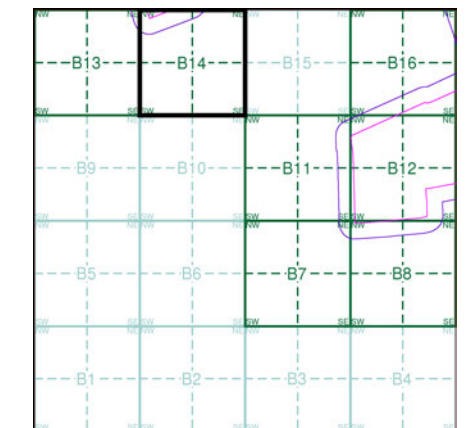
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment B14



Order Details

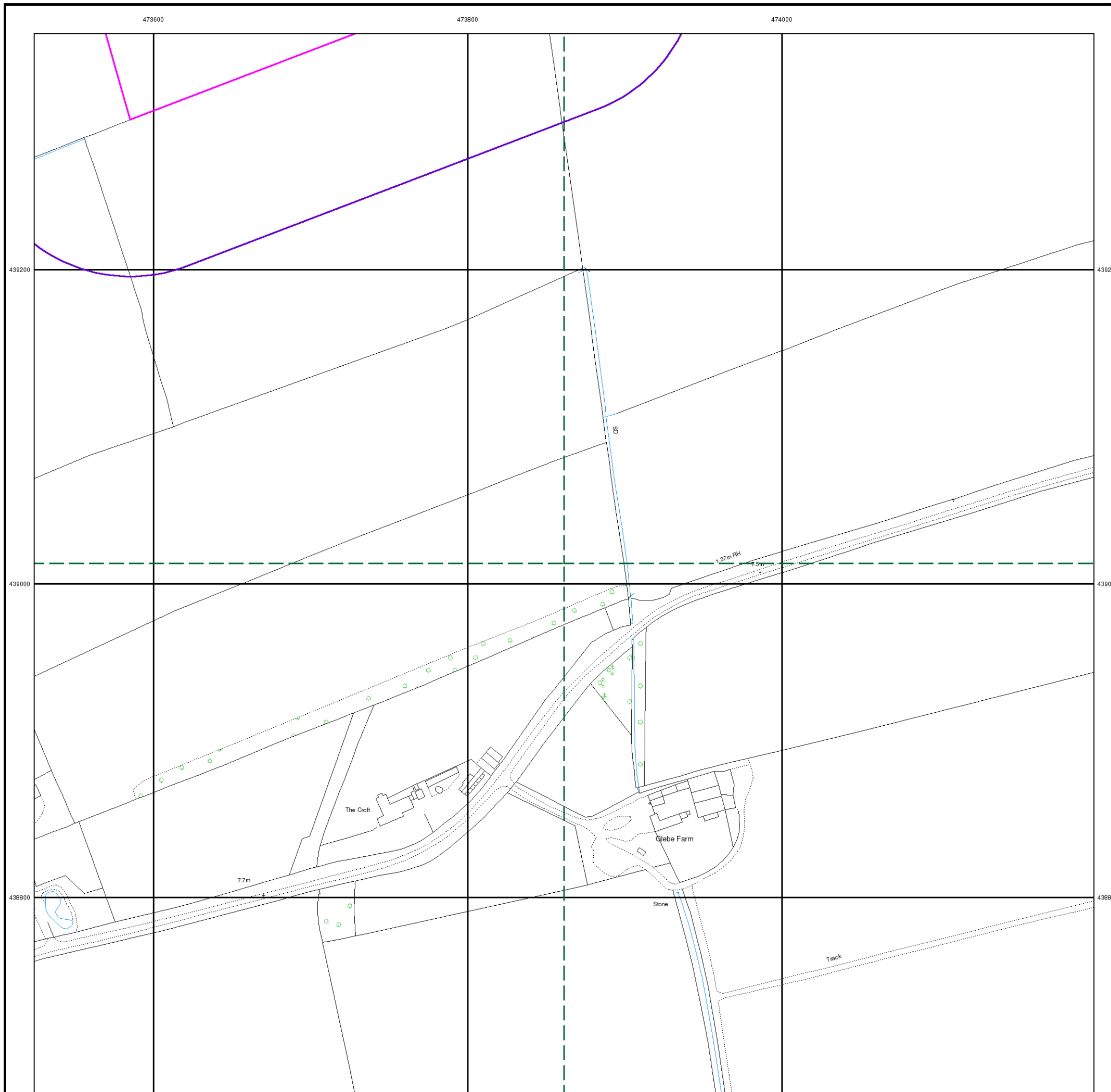
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Plot Buffer (m): 100

Site Details

Mylen Leah



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 Web: www.envirocheck.co.uk





General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
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- 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

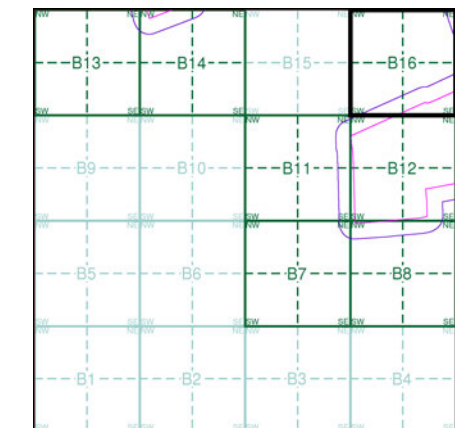
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment B16



Order Details

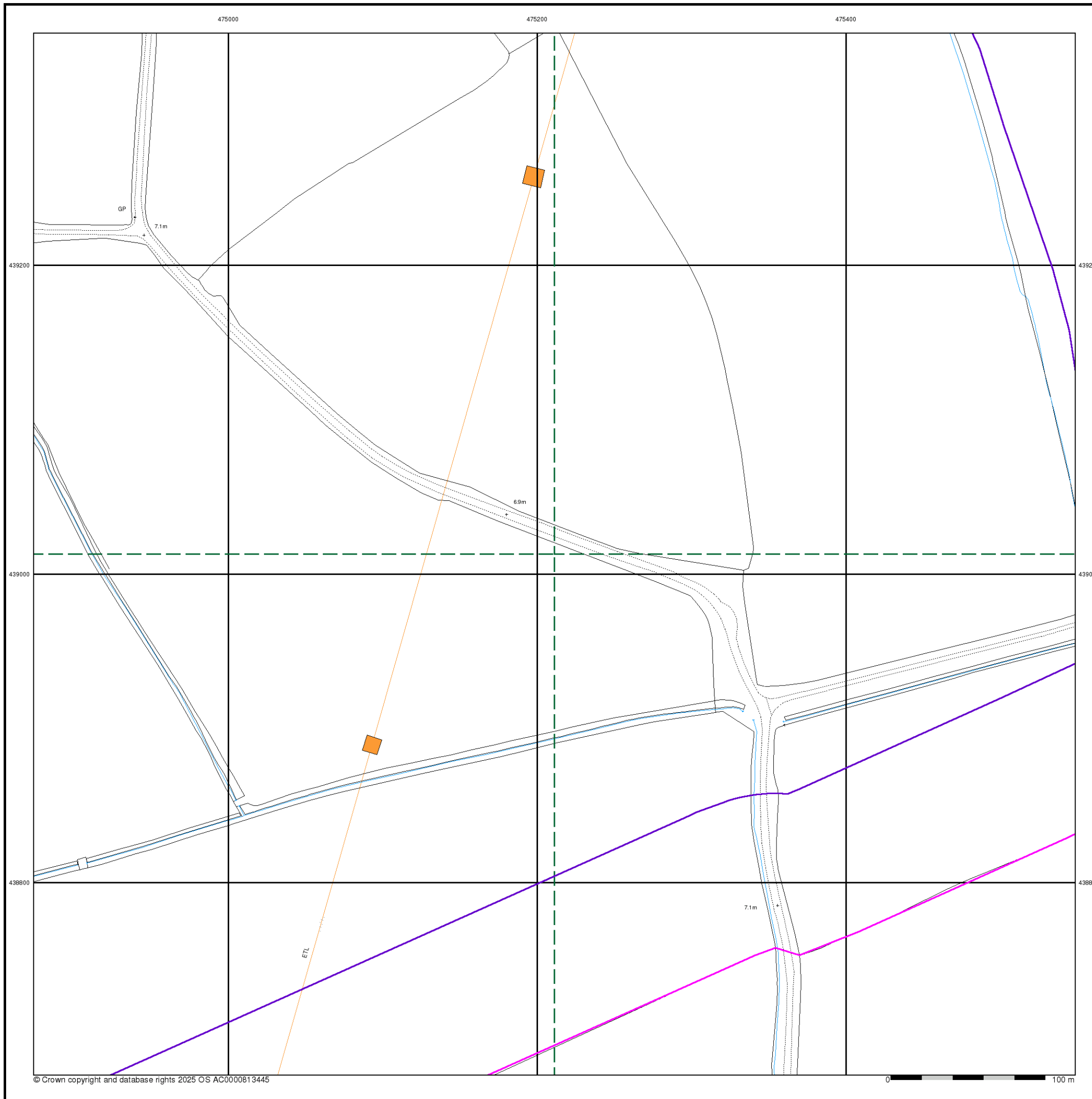
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Plot Buffer (m): 100

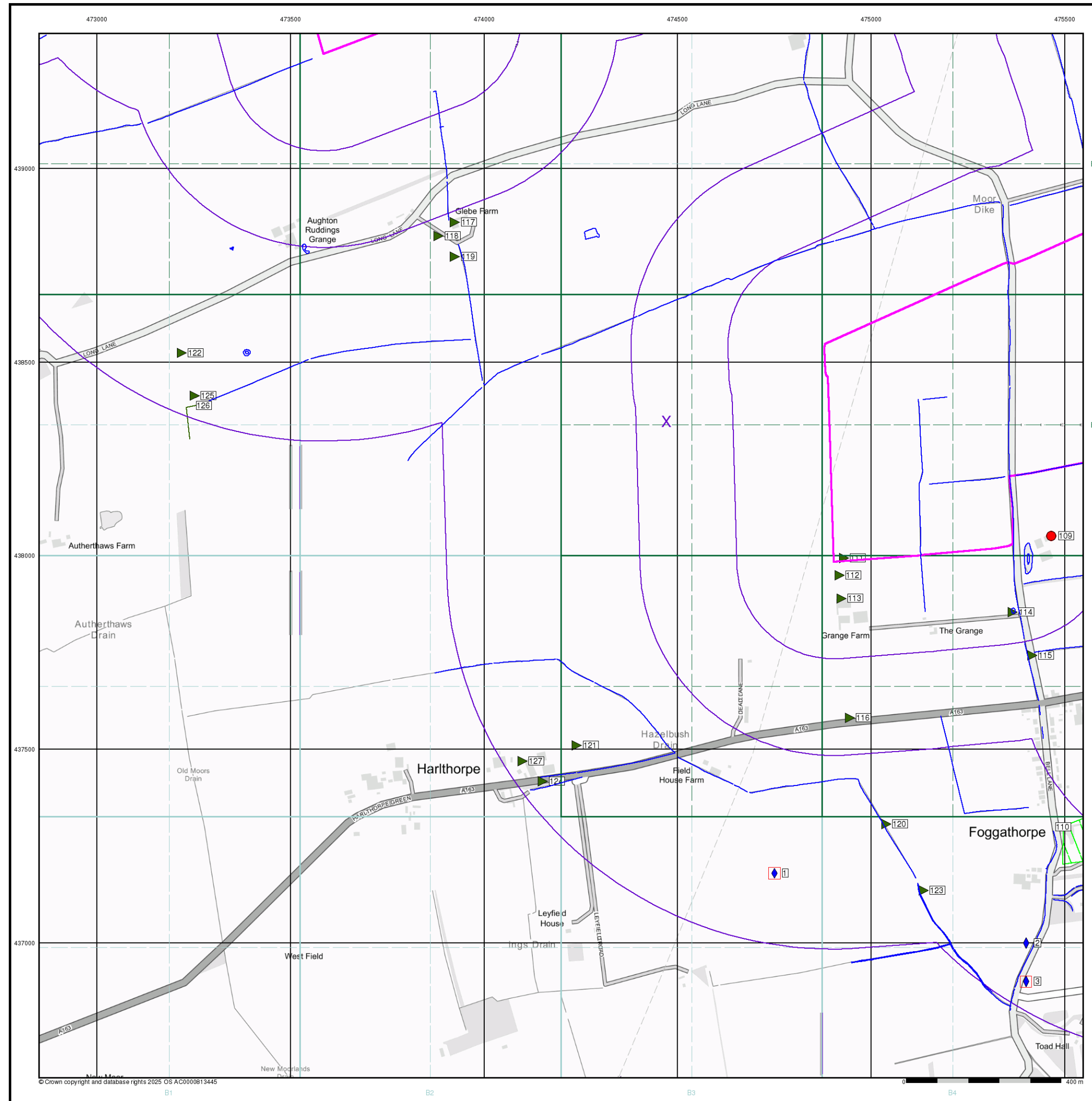
Site Details

Mylen Leah



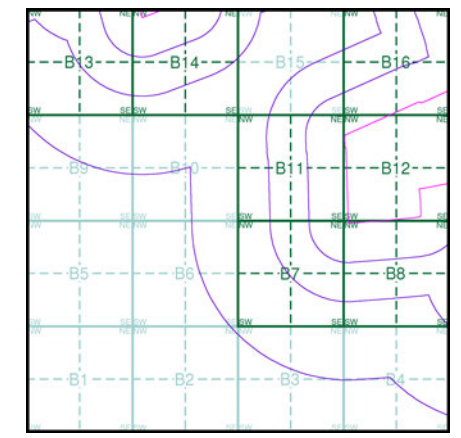
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk





- 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
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 - Prosecutions
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 - River Network or Water Feature
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
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 - Potentially Infilled Land (Water)
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 - 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
 - BGS Recorded Mineral Site

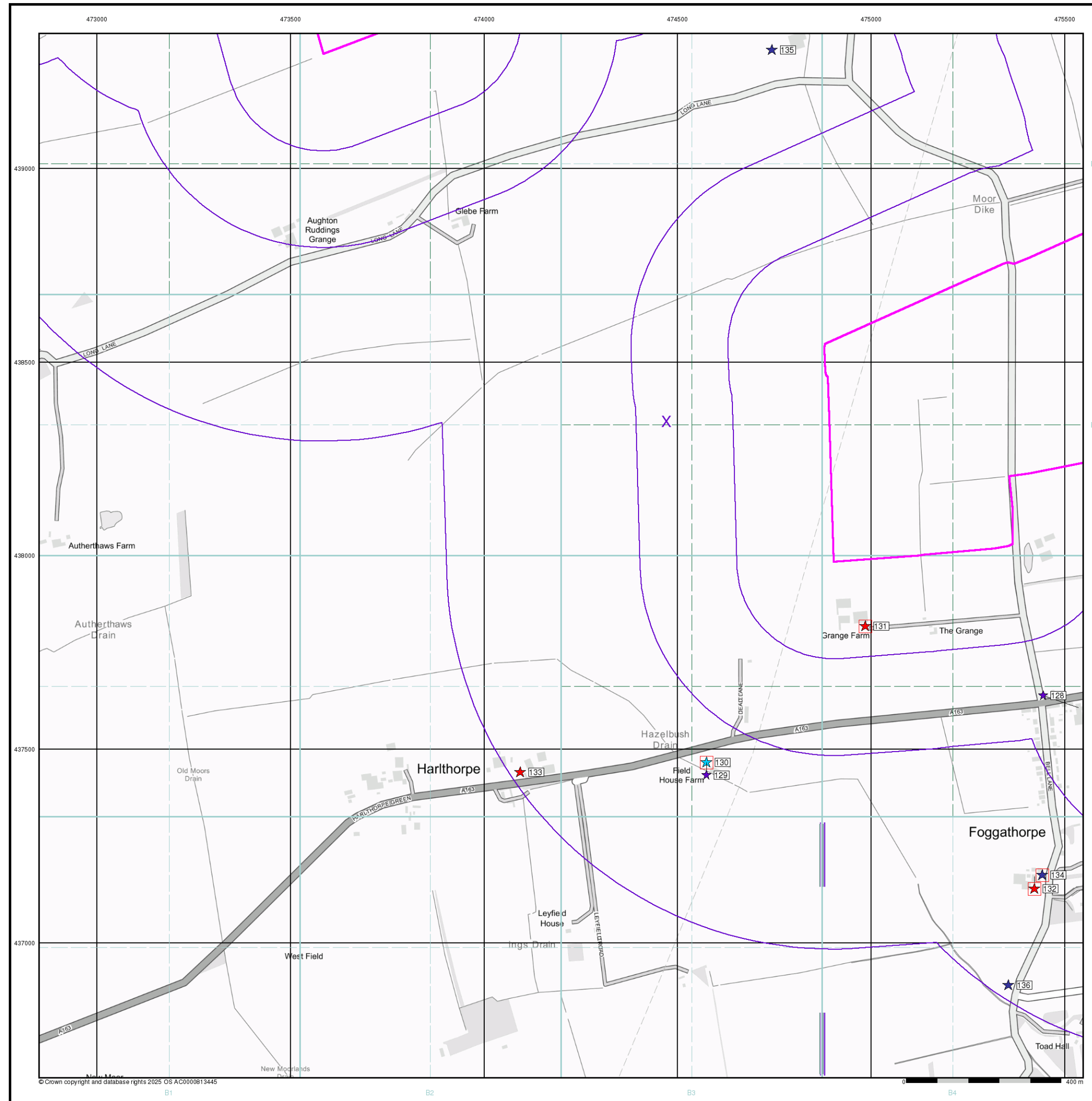
Site Sensitivity Map - Slice B



Order Details

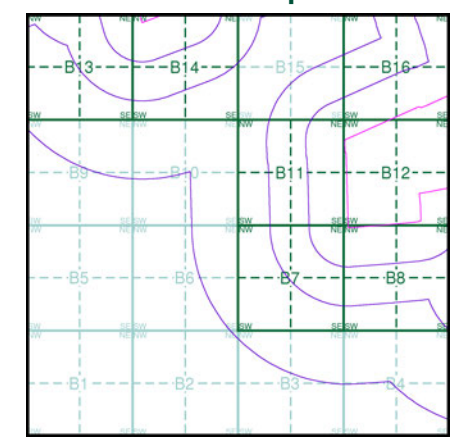
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details
 Mylen Leah



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

Industrial Land Use Map - Slice B



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details
 Mylen Leah



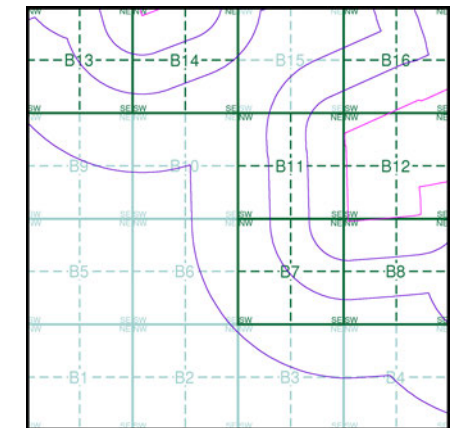
General

- 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 B



Order Details

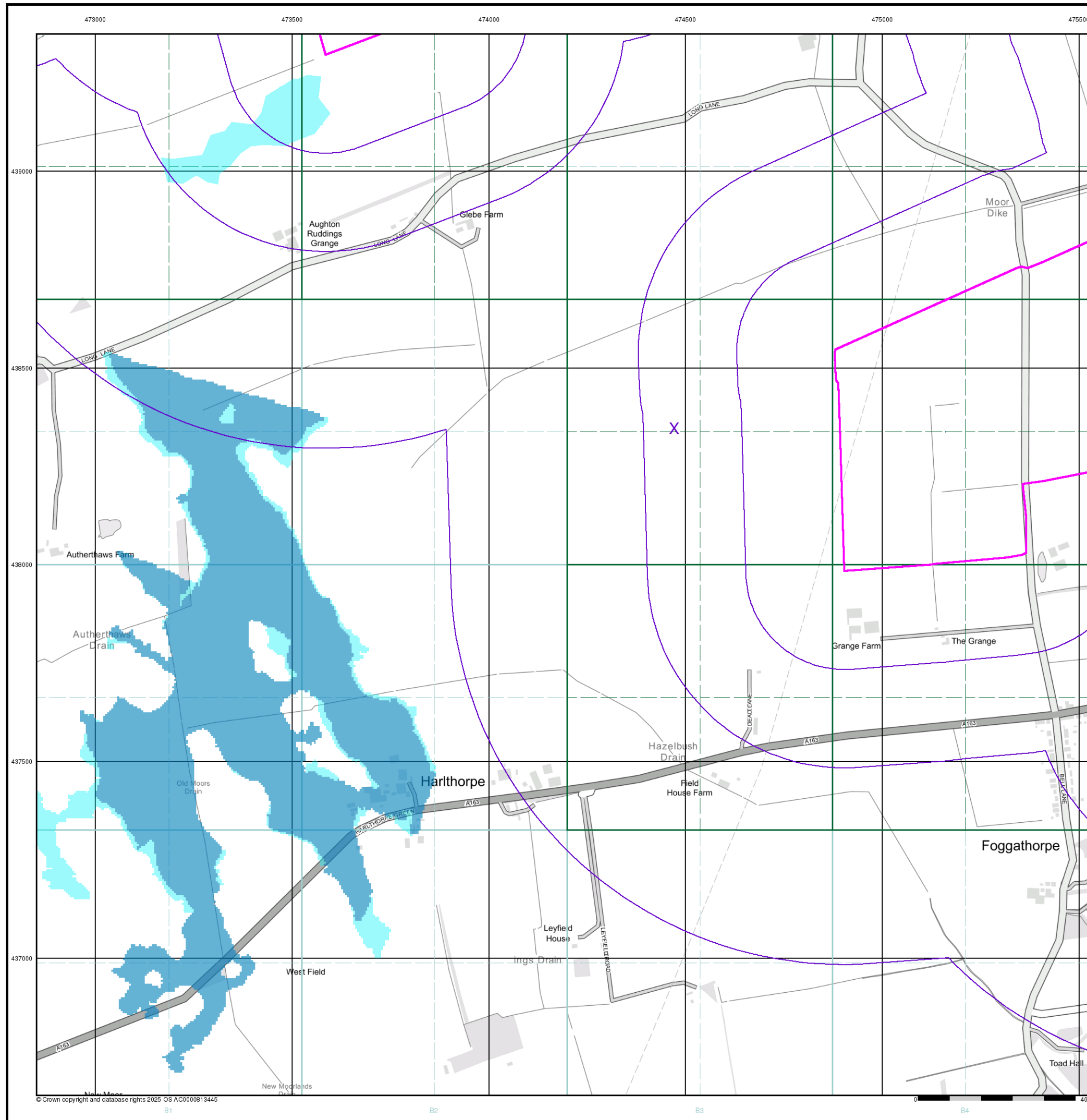
Order Number: 370061200_1_1
Customer Ref: P02153163
National Grid Reference: 474470, 438350
Slice: B
Site Area (Ha): 1888.5
Search Buffer (m): 1000

Site Details

Mylen Leah



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Web: www.envirocheck.co.uk



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General

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

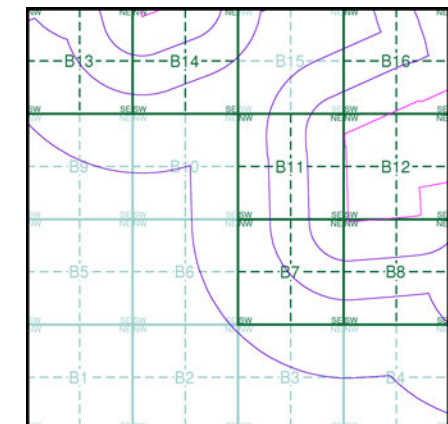
Agency and Hydrological (Boreholes)

- 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 B



Order Details

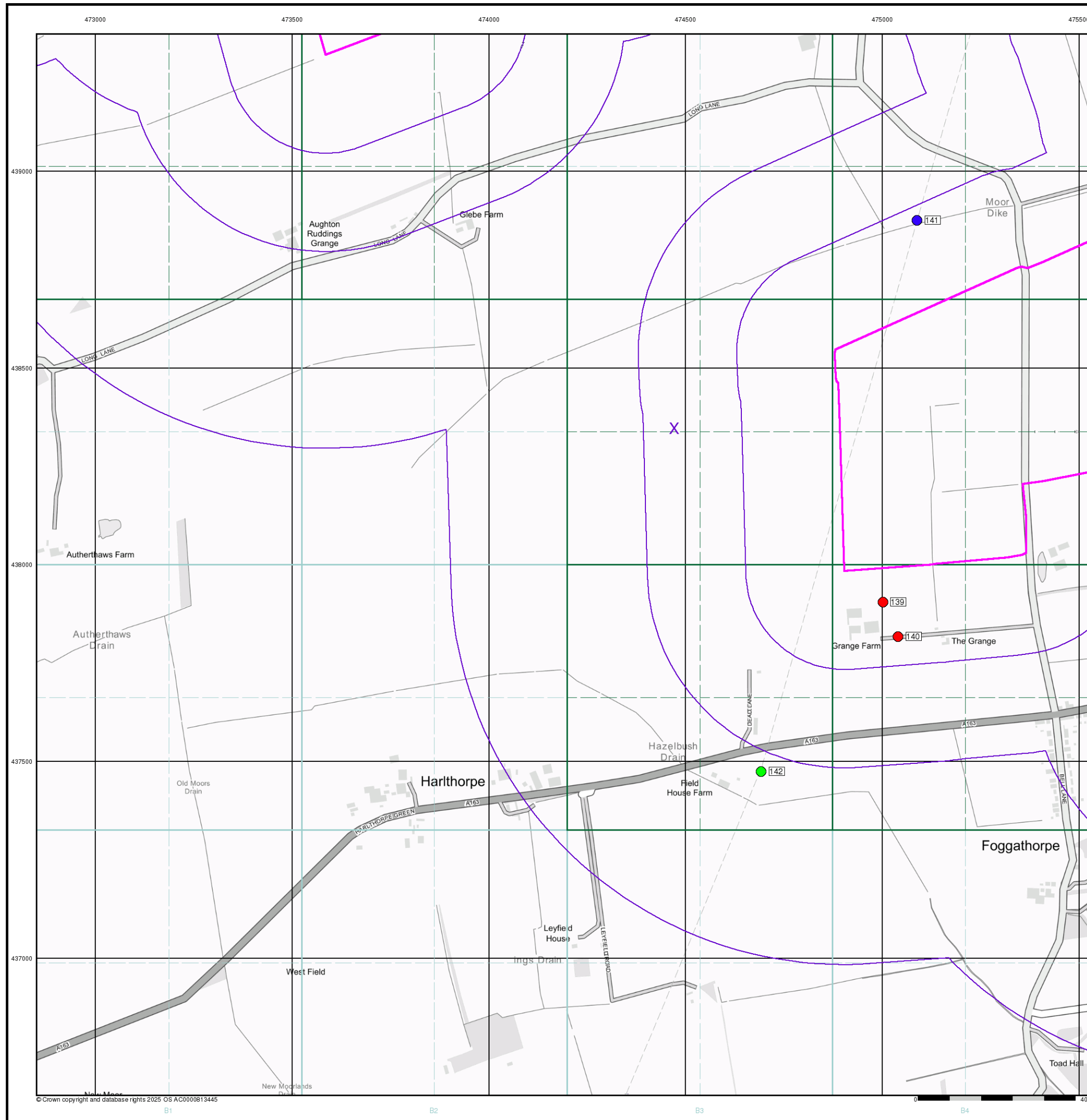
Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

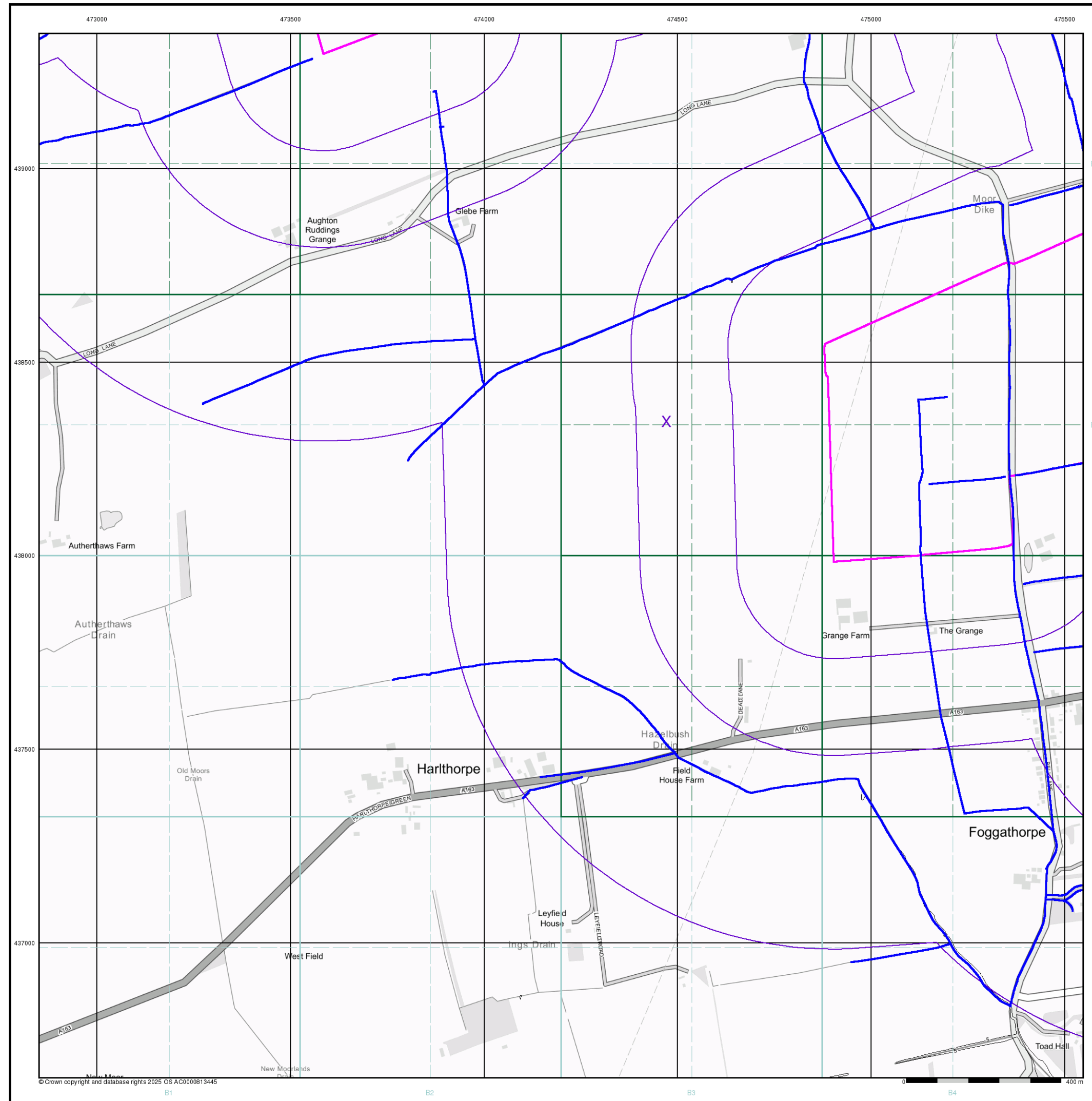
Mylen Leah



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 Web: www.envirocheck.co.uk



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General

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

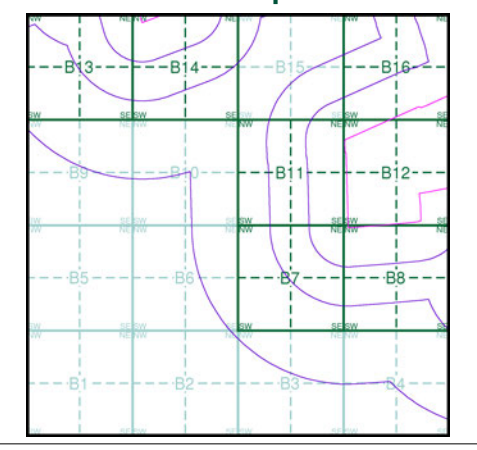
OS Water Network Data

- | | |
|--------------|-------------------------|
| 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
- Master Contour 100 95
- Spot Height 167.3
- Mean Low Water
- Mean High Water

OS Water Network Map - Slice B



Order Details

Order Number: 370061200_1_1
 Customer Ref: P02153163
 National Grid Reference: 474470, 438350
 Slice: B
 Site Area (Ha): 1888.5
 Search Buffer (m): 1000

Site Details

Mylen Leah



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