

# Cottam Solar Project

## **EIA Scoping Report Appendices (Part 2 of 3): Chapter 10 (Part A) Ground Conditions and Contamination**

Prepared by Lanpro  
January 2022





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## Issue Sheet

Report Prepared for: Cottam Solar Project Ltd.  
EIA Scoping Report Submission

### **Cottam Solar Project: EIA Scoping Report**

### **Appendices (Part 2 of 3): Chapter 10 (Part A)**

### **Ground Conditions and Contamination**

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Revision: 1

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# Preliminary Geo-Environmental Risk Assessment

## Cottam Solar Project – Cottam 1

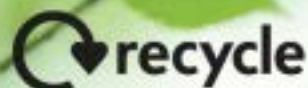
Presented to: **Cottam Solar Project Limited**

Issued: November 2021

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## Report Details

<b>Client</b>	Cottam Solar Project Limited
<b>Report Title</b>	Preliminary Geo-Environmental Risk Assessment
<b>Site Address</b>	Coats, Lincoln, Lincolnshire, LN1 2DW
<b>Report No.</b>	21-1088.02_REP_Cottam-Solar-Cottam-1_PRA_21-11-29
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## Quality Assurance

Issue No.	Status	Issue Date	Comments	Author	Technical Review	Authorised
01	Final	29/11/2021	-	[REDACTED]	[REDACTED]	[REDACTED]
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Delta-Simons is proud to be a founder member of the Inogen Environmental Alliance, enabling us to efficiently deliver customer projects worldwide by calling upon over 5000 resources in our global network of consultants, each committed to providing superior EH&S and sustainability consulting expertise to our customers. Through Inogen we can offer our Clients more consultants, with more expertise in more countries than traditional multinational consultancy.

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## 1.0 Introduction

### 1.1 Appointment

Delta-Simons Environmental Consultants Limited (“Delta-Simons”) was instructed by Cottam Solar Project Limited (the “Client”) to prepare a Preliminary (Geo-Environmental) Risk Assessment for parcels of land centred around Coats, Lincoln, Lincolnshire, LN1 2DW, hereafter referred to as ‘Cottam 1’ (the “Site”). A Site Location Map is included as Figure 1.

This Report was undertaken in accordance with Delta-Simon’s fee proposal dated 20<sup>th</sup> October 2021. The standard limitations associated with this Assessment are presented in Appendix A.

### 1.2 Context & Purpose

It is understood that the Site is proposed to be developed as a Solar Farm (Cottam Solar Project), however, no proposed development plans have been provided. It is anticipated that the majority of the Site will comprise ground mounted solar arrays with associated maintenance access routes and limited infrastructure such as sub-stations and battery storage.

The aim of this Report is to support the submission of a planning application for the proposed development.

To that end this study assesses the likely environmental issues associated with soil and groundwater conditions that may affect the proposed development of the Site. This Report is designed in general accordance with guidance on Land Contamination: Risk Management pages of the GOV.UK web pages, the relevant requirements of the National Planning Policy Framework (NPPF) (as revised 2021) (paragraphs 174 & 183-184)<sup>1</sup> and the Planning Practice Guidance (Land Affected by Contamination)<sup>2</sup>.

### 1.3 Scope of Works

- ▲ Review of the environmental setting of the Site, including the current use / status of the Site and surrounding area, and review of the geology, hydrogeology and hydrology;
- ▲ Review of the historical activities of the Site and surrounding area;
- ▲ Review of regulatory information relating to the Site;
- ▲ Review of the online planning records for the Site;
- ▲ Consult and review information from the Local Authority in relation to Part 2A of the 1990 Environmental Protection Act;
- ▲ Review online records of potential unexploded ordnance risks;
- ▲ Develop an outline Conceptual Site Model, and undertake a Preliminary Risk Assessment with respect to potential contamination focussed on the proposed land use; and
- ▲ Provide commentary on potential land contamination and geotechnical constraints in the context of the proposed development.

### 1.4 Existing Information

The following information has been used within the Assessment:

- ▲ Current and Historical Ordnance Survey (OS) maps;
- ▲ British Geological Survey (BGS) data;
- ▲ Environment Agency (EA) online data;
- ▲ Coal Authority (CA) online data;
- ▲ A Landmark Envirocheck Report for the Site (Ref. 287330989\_1\_1), dated 4<sup>th</sup> November 2021;

<sup>1</sup> [https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/1004408/NPPF\\_JULY\\_2021.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1004408/NPPF_JULY_2021.pdf)

<sup>2</sup> <https://www.gov.uk/guidance/land-affected-by-contamination>

- ▲ Historical Maps included as part of the Envirocheck Report; and
- ▲ Information provided by West Lindsey District Council.

## 1.5 Limitations

The standard limitations associated with this Assessment are presented in Appendix A. In addition, there are the following specific limitations that apply to this Assessment:

- ▲ No proposed development scheme has been provided, however, it is anticipated that the majority of the Site will comprise ground mounted solar panels with associated maintenance access routes and limited infrastructure such as sub-stations and battery storage; and
- ▲ A Site walkover has been undertaken as part of this assessment, however, given the scale of the Site it is not feasible to inspect all of the Site, although key areas have been inspected.



## 2.0 Site Context & Data Review

### 2.1 Site Information

<b>Co-ordinates</b>	Centred at National Grid Reference 490330, 381530	<b>Elevation</b>	6 - 24 m AOD
		<b>Area</b>	888 Ha
<b>Site Address and Location</b>	The Site comprises a series of agricultural fields across a 7 km area centred around Coates, Lincoln, approximately 13 km north west of Lincoln City centre. A Site Location Map is included as Figure 1.		
<b>Site Description</b>	<p>The Site has been assessed through readily available online aerial and street view imagery and a Site Layout Plan is included as Figure 2. In addition, a Delta-Simons representative undertook a Site walkover on 24<sup>th</sup> November 2021 of readily accessible areas. Pertinent entries noted or observed on-Site are described below and shown on Figure 3, with supporting photographs.</p> <p>Given the size and complexity of the study area, the Site has been separated into a series of field references (A to G), as shown on Figure 2 and Drawing 1.</p> <p>The Site consists a series of agricultural fields separated by hedgerows, land drains and trees. There are three concrete slabs in the central southern (Field D) , northern (Field C) and western (Field D) areas which appear to have been in use for the storage of agricultural materials such as straw. The concrete storage area along the western boundary of Field D was in use for the storage of numerous stockpiles of soil. The soil stockpiles were noted to comprise fragments of brick and concrete.</p> <p>The fields are accessed via existing farm tracks. A number of farmyards, residential dwellings and woodland areas are encompassed by the Site in the southern and northern areas.</p> <p>Land drains are present across the Site and the River Till dissects the south western area of the Site in an approximate north-south orientation and runs adjacent to a number of fields in the west.</p> <p>An overhead electrical power line and associated pylons are noted to dissect fields D and E in the southern and western area.</p> <p>From readily available online data, the Site is indicated to range from approximately 6 m AOD in the southern area (Field D) adjacent to Thorpe in the Fallows to 24 m AOD in the north (Field B) and is in accordance with the local topography.</p>		
<b>Description of Adjacent and Surrounding Land Uses</b>	The Site is located within a predominantly rural area with farmland to the north, south and east. The villages of Willingham by Stow, Sturton by Stow and Normanby by Stow are present to the west, Ingham to the east and Scampton to the south east.		

### 2.2 Physical Setting

<b>Published Geology</b>	<p>From the BGS Geology of Britain Online Viewer, the Site is indicated to be underlain by superficial Till (Diamicton), Alluvium (Clay, Silt, Sand and Gravel), Glaciofluvial Deposits (Sand and Gravel) and River Terrace Deposits (Sand and Gravel). For ease, the mapped superficial geology for each field parcel is as follows;</p> <ul style="list-style-type: none"> <li>▲ Field A – Till across the majority of the area with Alluvium in the north west;</li> <li>▲ Field B – Till across the majority of the area with Alluvium in the east and west;</li> </ul>
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	<ul style="list-style-type: none"> <li>▲ Field C – Till in the south and east with a band of Alluvium running through the central area in an east-west orientation. River Terrace Deposits may encroach along the south western boundary;</li> <li>▲ Field D – Till in the south and east with a band of Alluvium in the north east and running through the western area in a north-south orientation. Glacio-fluvial deposits are mapped in the more western area of the Site. No superficial deposits are mapped in portions of the western and eastern areas of Field D;</li> <li>▲ Field E – No superficial deposits are mapped across the majority of the area with Alluvium encroaching in the east and north;</li> <li>▲ Field F - No superficial deposits are mapped across the majority of the area with a band of Alluvium running through the centre in a south east to north west orientation; and</li> <li>▲ Field G - No superficial deposits are mapped across the majority of the area with River Terrace Deposits in the south east.</li> </ul> <p>The bedrock across the eastern area of the Site (Fields A, B, C, the majority of D and most eastern area of E) is mapped as the Charmouth Mudstone Formation. The western area (Fields F, G, majority of E and most western area of D) is mapped as the Scunthorpe Mudstone Formation (Mudstone and Limestone).</p> <p>Made Ground is anticipated in the three areas associated with the concrete storage areas, although is likely to be limited in thickness.</p>
<p><b>Site-Specific Geology</b></p>	<p>There are a series of BGS boreholes (Ref. SK98SW53 to SK98SW58) which transect the eastern area of Field D. The boreholes recorded a generalised sequence of brown clay to depths between approximately 3.00 m bgl and 7.5 m bgl underlain by blue clay with layers of stone/shale and hard bands to a maximum drilled depth of 30.48 m bgl. The superficial brown clays were noted to contain sand and gravel in some areas.</p> <p>There is a further borehole Ref. SK88SE11 located along the northern boundary of Field E in the western area. This borehole was undertaken to assess the presence of coal at depth, as such the borehole was drilled to 338 m bgl prior to logging. The geology at depth comprised interbedded limestone, mudstone and sandstone with coal bands below approximately 850 m bgl.</p>
<p><b>Aquifers and Groundwater Receptors</b></p>	<p>The EA classify the superficial Till as a Secondary Undifferentiated Aquifer and the Alluvium, Glaciofluvial and River Terrace Deposits as Secondary A Aquifers.</p> <p>The Charmouth Mudstone Formation is classified as a Secondary Undifferentiated Aquifer and the Scunthorpe Mudstone Formation is classified as a Secondary B Aquifer.</p> <p>The EA also indicate that the Site is not located within a Groundwater Source Protection Zone (SPZ).</p> <p>According to the Envirocheck® Report there are no licenced groundwater abstractions records within 500 m of the Site.</p>
<p><b>Hydrology</b></p>	<p>There are a series of unnamed land drains across the Site. The River Till is present in the western area of the Site and dissects or is present along the Site boundary along Fields D, E and F. According to the Envirocheck® Report the River Till was classified as River Quality C and D for sampling undertaken in 2000.</p> <p>According to the Envirocheck® Report there is a single licenced abstraction record from surface water within 500 m of the Site, located approximately 300 m north west relating to extraction for use in agricultural spray irrigation.</p>

<b>Mining &amp; Quarrying</b>	Reference to the Coal Authority on-line viewer indicates that the Site is not with a Coal Mining Reporting Area. Consequently, as such a Coal Mining Risk Assessment (CMRA) is not required under the planning regime.  There are no BGS Recorded Mineral Sites within 500 m of the Site.
<b>Radon Gas</b>	The Site lies within an area where less than 1% of homes are above the National Radiological Protection Board (NRPB) recommended “action level” for radon. BRE211 (2015) indicates that no radon protective measures are necessary in the construction of new buildings at the Site.
<b>Agricultural Buried Waste</b>	Legal burial of waste, including asbestos containing materials (ACM) for agriculture was banned in 2006.  Prior to that date it is understood farmers were required to make a record of waste burial locations and recommended use a clean cover of soil.  There are no known records of agricultural buried waste for this Site, but infilled ponds may represent a source of contamination.

## 2.3 Sensitive Land Use

<b>Ecological Receptors</b>	It is understood from information provided within the Envirocheck Report that there are no statutory ecological receptors located within 500 m of the Site.
<b>Heritage Interest</b>	Historic England Records ( <a href="http://historicengland.org.uk">historicengland.org.uk</a> ) indicate that there are two heritage interest sites located adjacent to and with 30 m of the southern boundary (Field D) associated with Thorpe Medieval Settlement and a Grade II listed building (Thorpe in the Fallows Farmhouse).

## 2.4 Historical Use of the Site & Surrounding Area

### 2.4.1 Approach

The historical development of the Site and surrounding area has been assessed through a review of historical maps, aerial photographs and Google Earth historical satellite imagery. A summary of the key historical Site uses and developments in the surrounding area is presented below. Copies of selected historical maps are included as Appendix C.

### 2.4.2 Historical Information Review

The following table provides a review of the historical information for the Site, adjacent and surrounding area.

<b>Historical Features On-Site</b>	<p><u>Field A</u></p> <p>Field A remains undeveloped and in agricultural use from the earliest map edition dated 1885 until present. A small pond is mapped in the central area of the field until no longer shown on aerial imagery dated 1999 and is assumed infilled.</p> <p><u>Field B</u></p> <p>Field B remains undeveloped and in agricultural use from the earliest map edition dated 1885 until present. A small pond is mapped in the central area of the field until from 1885 until 1974 and assumed infilled.</p> <p><u>Field C</u></p> <p>From the earliest map edition dated 1885 Field C comprises a series of agricultural fields with a footpath crossing the eastern area. By the 1907 map edition two wells are mapped in the western and central areas. The wells are no longer mapped by</p>
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	<p>the 1947 and 1979 map editions, respectively. The concrete storage area is also shown in the western area by the 1979 map edition. No further alterations are noted.</p> <p><u>Field D</u></p> <p>From the earliest map edition dated 1885 Field D is largely in agricultural use with the exception of three discreet developed areas in the north western area of the Site. In addition, three ponds are also mapped in the north western area. By the 1907 map edition a well is noted adjacent to the development along the western boundary. The buildings and ponds are no longer shown and assumed demolished or infilled by the 1979 and 1981 map editions. After this time, two areas are shown as agricultural land and the central area along the western boundary is retained as a storage area. No further alterations are noted.</p> <p><u>Field E</u></p> <p>Field E remains undeveloped and in agricultural use with the River Till running through the northern area from the earliest map edition dated 1885 until present.</p> <p><u>Field F</u></p> <p>Field F remains undeveloped and in agricultural use with the River Till turning through the central area from the south east corner to the north west from the earliest map edition dated 1885 until present.</p> <p><u>Field G</u></p> <p>From the earliest map edition dated 1885 Field G comprises a series of agricultural fields with a dissecting the eastern area and four ponds in the southern and northern areas. No changes are noted until the 1981 map edition where the ponds are no longer mapped and assumed infilled. No further alterations are noted.</p>
<p><b>Potentially Contaminative Historical Features Off-Site</b></p>	<p>Potential sources of contamination located within 250 m are limited to farmyards in the immediate area and the infilling of a series of ponds directly adjacent to the southern boundary of Field D, noted by the 1979 map edition.</p>

### 2.4.3 Unexploded Ordnance (UXO)

The Zetica Regional Unexploded Bomb Risk Map for the area of the Site ([zeticauxo.com](http://zeticauxo.com)) indicates a low risk from unexploded ordnance at the Site.

## 2.5 Environmental Database Review

The Landmark Envirocheck® Report provides a database of environmental information held by various statutory bodies including the EA, Local Authority (LA), Health & Safety Executive (HSE) and Public Health England amongst others. A copy of the Envirocheck Report is provided in Appendix D and the most relevant information is summarised below.

<p><b>Features On-Site</b></p>	<p>The Landmark Envirocheck® Report lists the following entries for the Site;</p> <ul style="list-style-type: none"> <li>▲ Two Discharge Consents in the south central and eastern area of Field D relating to the discharge of trade effluent into a tributary of the River Till. Both permits were issued in March 1969 and revoked in February 1992. Given the time elapsed are not considered significant; and</li> <li>▲ An area of Potentially infilled land (water) located in the central area of Field D.</li> </ul>
<p><b>Potentially Contaminative Features Off-Site</b></p>	<p>Pertinent entries included within the Landmark Envirocheck® Report, located within 250 m of the Site, include the following:</p> <ul style="list-style-type: none"> <li>▲ Five Discharge Consents, the closest of which is located approximately 55 m south east relating to the discharge of final/treated effluent into a tributary of the</li> </ul>

	<p>River Till. The permit was issued and revoked in March 1969 as is not considered significant;</p> <ul style="list-style-type: none"> <li>▲ Two Pollution Incidents to Controlled Waters, the closest of which is located approximately 80 m north west of Field A and relates to the discharge of chlorinated water into a freshwater stream, classified as a Category 1 – Major incident dated April 1994. Given the time elapsed since the incident, the risk is considered very low;</li> <li>▲ Four areas of Potentially infilled land (water) located within 210 m of the southern boundary (Field D); and</li> <li>▲ Three Manufacturing and Production Points of interest, the closest of which is locate approximately 10 m south east relating to livestock farming. The two further entries are located approximately 15 m and 50 m south of Field A relating to tanks. These tanks are considered to relate to the adjacent farmyard.</li> </ul> <p>There are no BGS, EA or Historical Landfill Sites within 500 m of the Site.</p>
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## 2.6 Planning Review/Regulatory Enquiries

<b>On-line Planning Review</b>	West Lindsey District Council	<b>Date Accessed</b>	09/11/2021
<b>Findings</b>	<p>There are no planning applications relating to the Site.</p> <p>No additional potentially contaminative activities or other information pertinent to this assessment was identified from the historical planning records.</p>		

## 3.0 Conceptual Site Model

### 3.1 Introduction

A Conceptual Site Model (CSM) represents the relationships between contaminant sources, pathways and receptors, to support the identification and assessment of contaminant linkages.

### 3.2 Potential Contamination Sources

Identified potential contamination sources are presented in the following table:

Reference	Source	Location	Dates Present	Potential Associated Contaminants of Concern
S1	Agricultural use including small scale fuel spills/leaks from machinery	Site-wide	Pre 1885 to present	Heavy metals and hydrocarbon compounds
S2	Made Ground associated with small scale construction and demolition	North-western area of Field D	Pre 1885 to present	Asbestos, heavy metals, hydrocarbon compounds and hazardous ground gas
S3	Potentially infilled ponds	Central area of Fields A and B, north western area of Field D and north and south areas of Field G	1981 to present	Asbestos, heavy metals, hydrocarbon compounds and hazardous ground gas
S4	Potential for buried asbestos waste	Site-wide	Pre 2006 to present	Asbestos
S5	Off-Site infilled ponds	Within 210 m of southern boundary (Field D)	1979 to present	Hazardous ground gas
S6	Unrecorded on and off-Site sources	Unknown	Unknown	Asbestos, heavy metals, hydrocarbon compounds and hazardous ground gas

### 3.3 Potential Pathways

The potential pathways are considered to be as follows:

- ▲ Direct contact, ingestion or inhalation of soil bound contaminants / dust during or following redevelopment.
- ▲ Inhalation of organic vapours associated with contamination.
- ▲ Migration of ground gas / vapours into on-Site buildings causing asphyxiation or risk of explosion.
- ▲ Leaching of contamination into groundwater followed by migration of groundwater to the wider groundwater environment or discharge to surface waters.
- ▲ Direct contact between aggressive ground conditions and new infrastructure.

### 3.4 Potential Receptors

Relevant potential receptors are considered to include:

- ▲ Construction workers.
- ▲ Third parties during construction (adjacent Site users and adjacent residents).
- ▲ Future Site users including maintenance workers.
- ▲ Controlled waters including land drains and the River Till.
- ▲ The underlying Secondary A, Secondary B and Secondary Undifferentiated Aquifers.
- ▲ The Built Environment (new buildings and infrastructure / utilities).

Source	Pathway(s)	Receptor(s)	Risk Ratings	Justification & Mitigation (if required)
Sources Identified in Section 3.2.	Direct contact/ ingestion and inhalation of dust, vapours and asbestos fibres.	Future Site users.  Groundworkers during the redevelopment or during any sub-surface maintenance works.	<b>Very Low Risk</b>	Limited potential sources of contamination have been identified at the Site associated with the Sites former agricultural use and development in the north western area of Field D. Given the very low sensitivity end use comprising a solar farm the risk to future Site users is considered very low. No further works are considered to be required.  A 'hotspot' protocol should be in place during the redevelopment for ground workers to act upon should suspected contamination be identified.  Groundworkers should use appropriate personal protective equipment (PPE), including respiratory protective equipment (RPE), if required and maintain good standards of hygiene to be protected from any soil contamination which may be present.
	Leaching of contamination into groundwater.  Vertical and lateral migration of contamination through permeable deposits below the Site.	Controlled waters.	<b>Very Low Risk</b>	No significant potential sources have been identified and there are no licensed groundwater abstraction records for potable water within 500 m of the Site, as such, the risk to controlled waters is considered very low.
	Direct contact.	Buried infrastructure.	<b>Low Risk</b>	Sulphates within the ground have the potential to attached buried infrastructure. Based on the anticipated natural clay soils at the Site, the risk is considered low, however it would be prudent to assess the sulphate class of the soils at the time of any geotechnical investigation.  It is considered unlikely that new potable supply pipes are required.
Hazardous ground gas (Potential on and off-Site infilled ponds).	Accumulation of gas in enclosed spaces and sub-floor voids.	Buildings and future Site users.	<b>Very Low Risk</b>	Limited sources of ground gas have been identified at the Site associated with potentially infilled ponds in Field A, B, D and G. Given the underlying cohesive clay geology the risk from off-Site infilled ponds is considered very low.  Given the very low sensitivity end use comprising a solar farm with limited infrastructure comprising battery storage and sub-stations, the potential for hazardous ground gas to accumulate is consider very low as such no further assessment is required.



## 4.0 Conclusions & Recommendations

### 4.1 Land Contamination Risks and Liabilities

<b>Soils</b>	Given the very low sensitivity end use comprising a solar farm the risk to future Site users is considered very low and no further assessment is required.
<b>Groundwater</b>	No significant potential sources have been identified and there are no licensed groundwater abstraction records for potable water within 500 m of the Site, as such, the risk to controlled waters is considered very low.
<b>Ground Gas</b>	Limited sources of ground gas have been identified at the Site associated with potentially infilled ponds in Field A, B, D and G. Given the underlying cohesive clay geology the risk from off-Site infilled ponds is considered very low.  Given the very low sensitivity end use comprising a solar farm with limited infrastructure comprising battery storage and sub-stations, the potential for hazardous ground gas to accumulate is consider very low, however, given no proposed development plans have been provided the risk should be re-assessed following determination of the layout. Should buildings be proposed in this area of the Site a limited investigation should be undertaken to assess the potential for hazardous ground gas generation and requirement for any ground gas protection measures.
<b>Building Fabric &amp; Services</b>	Aggressive ground chemistry may attack buried concrete and therefore there may be a requirement for protection measures to be put in place at the Site.
<b>Materials Management</b>	Earthworks will need to be undertaken under a Materials Management Plan (MMP) in accordance with the CL:AIRE Code of Practice to facilitate the reuse of these materials. The Contractor shall be responsible for the preparation of a MMP and obtaining appropriate sign off from a Qualified Person prior to the commencement of earthworks.
<b>Potential Contaminated Land Development Risks</b>	Widespread contamination is considered unlikely and the preliminary risk assessment has identified a <b>very low to low</b> risk of soil/groundwater contamination and hazardous ground gas at the Site.

### 4.2 Geotechnical Considerations

<b>Uncertainty and Data Gaps</b>	This assessment is based on desk study information only. No Site-specific ground investigation data has made available for review.
<b>Preliminary Ground Model</b>	Based on the available information, it is anticipated that the Site is likely underlain by a sequence of Topsoil underlain by varying superficial Till, Alluvium, River Terrace and Glaciofluvial Deposits. The bedrock is mapped as the Charmouth and Scunthorpe Mudstone Formations.  The superficial Till in the eastern area of the Site is anticipated to be between 3.0 and 7.0 m in thickness.  Given the presence of a land drains and the River Till groundwater is expected to be shallow or perched.
<b>Plausible Geo-Hazards</b>	The geohazards listed below have been identified to follow guidance presented in the HE document CD622 ‘Managing Geotechnical Risk’ (2019) which aims to identify and manage the geotechnical risks associated with a scheme throughout its lifespan, from planning to construction to maintenance.

	<p>The following geohazards are considered to be substantial ground related risks associated with the proposed development. A substantial risk is defined by Delta-Simons in Appendix B.</p> <ul style="list-style-type: none"> <li>▲ Potential for Made Ground associated with potentially infilled ponds and historically developed areas in the north western area of Field D only. Made Ground is typically variable in nature and strength with a potentially low bearing capacity and unacceptable levels of total/differential settlement may occur;</li> <li>▲ Potential soft, variable and compressible superficial Alluvial deposits which have potentially low bearing capacity and unacceptable levels of total/differential settlement may occur; and</li> <li>▲ Possible shrink/swelling of clay due to trees bordering the Site and along field boundaries.</li> </ul>
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### 4.3 Recommendations and Development Constraints

<p><b>Recommendations</b></p>	<p>The following recommendations and development abnormalities are considered appropriate;</p> <ul style="list-style-type: none"> <li>▲ A geotechnical Site investigation to assess in-situ geotechnical soil strength testing / laboratory testing and CBRs, in order to inform proposed foundation/roadway design;</li> <li>▲ A hotspot protocol should be put in place for groundworks to act upon should potential contamination be identified; and</li> <li>▲ Subject to the proposed development scheme a Materials Management Plan (MMP) may be required in accordance with regulatory protocols during redevelopment.</li> </ul>
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## Drawings

## Drawing 1 – Field References (A-G)



A1

A2

A3

A4

B1

B2

B3

B4

C3

C9

C18

C1

C4

C10

C12

C15

C19

C21

C5

C8

C11

C13

C16

C20

C22

C27

C29

C2

C6

C7

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C17

C23

C28

C30



A3

C3

C9

C18

C1

C4

C10

C12

C15

C19

C21

C5

C8

C11

C13

C16

C20

C22

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C17

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C28

C30

C6

C23

G2

G3

G4

C24

C25

C26



F6

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D33

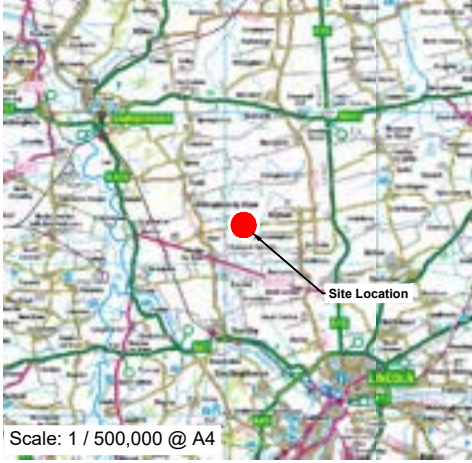
D34





## Figures

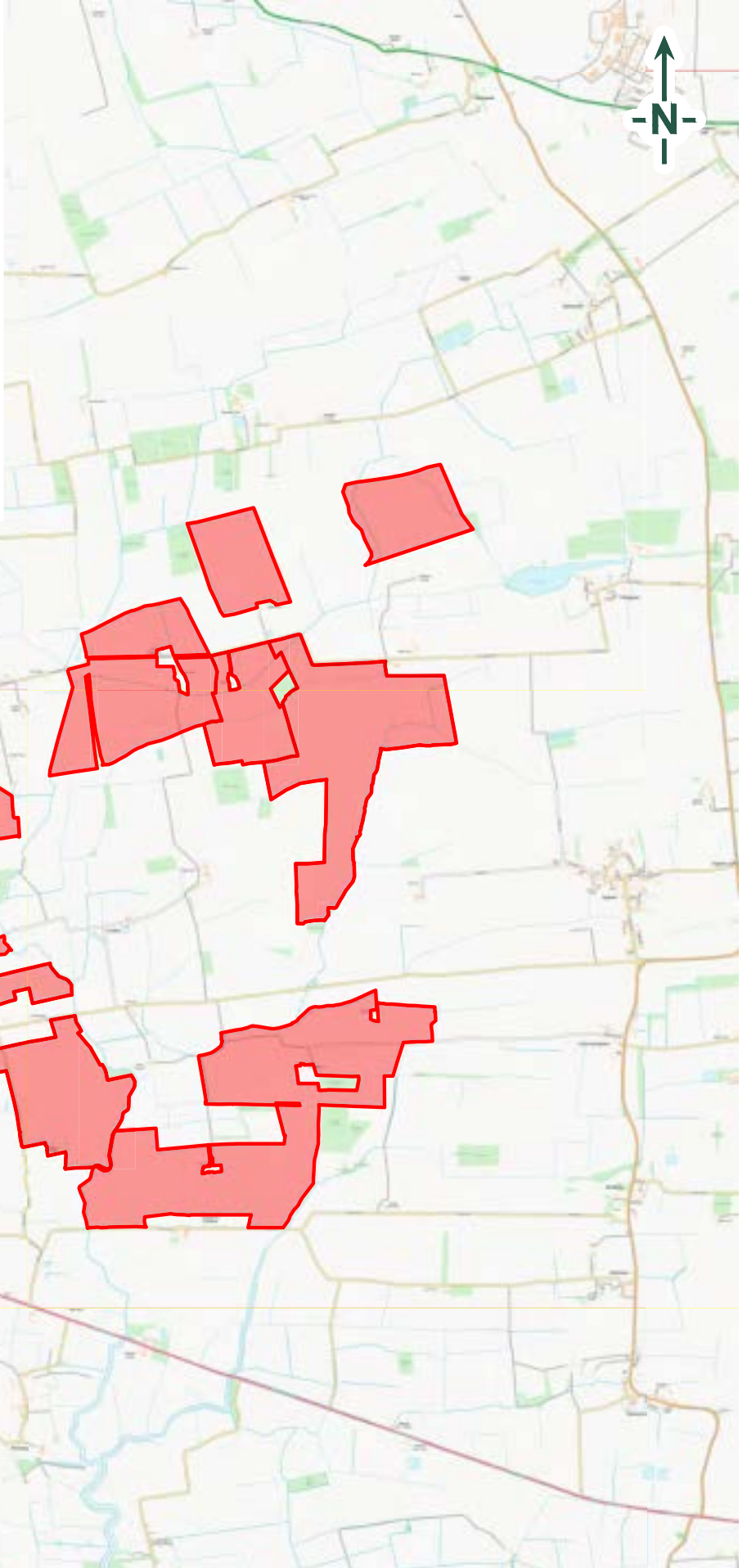
## Figure 1 – Site Location Map



Scale: 1 / 500,000 @ A4

**LEGEND**

 Site Boundary




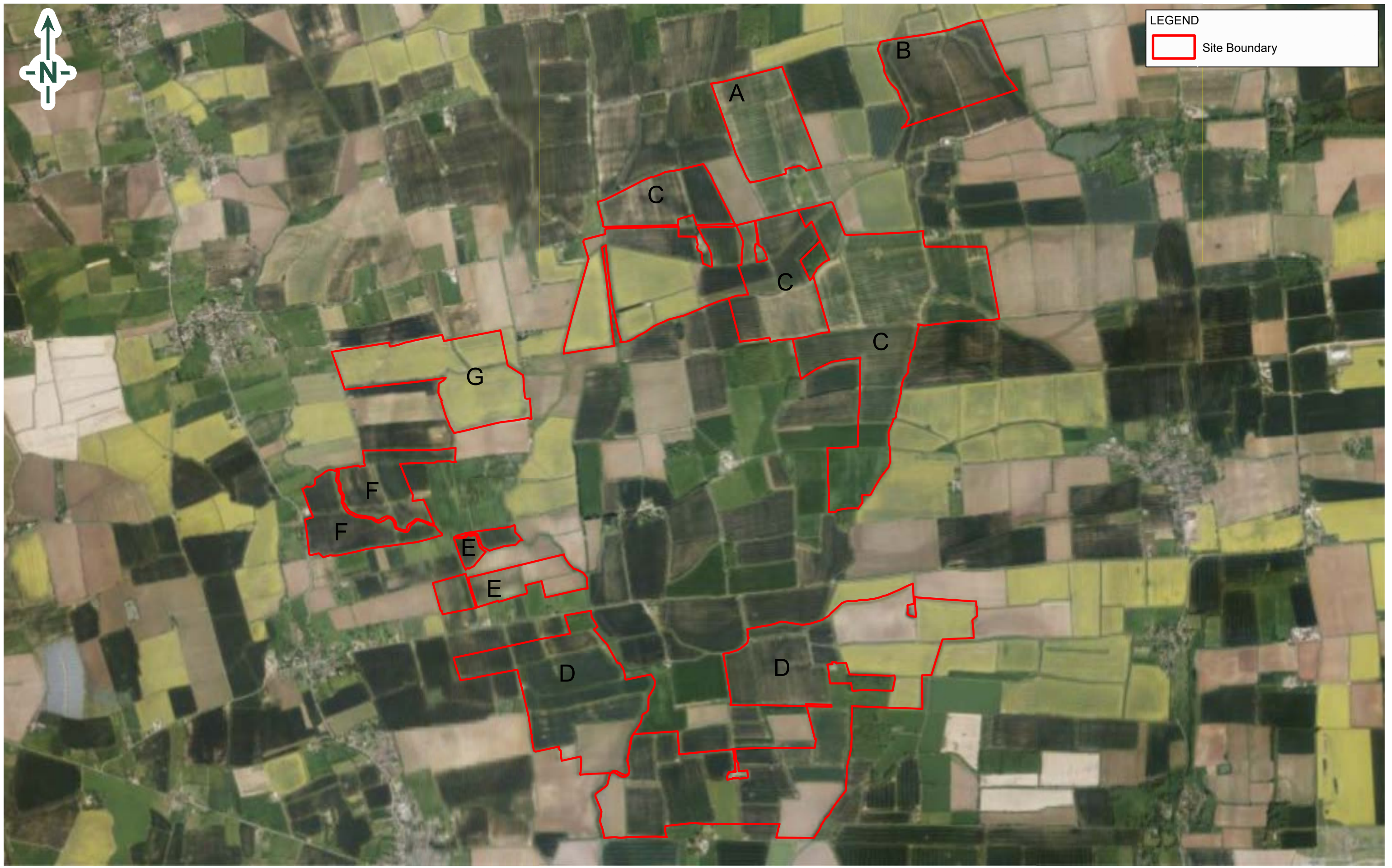
Scale: 1 / 50,000 @ A4

Contains OS data © , Crown Copyright and Database Right (2021)

## Figure 2 – Site Layout Plan



**LEGEND**  
 Site Boundary



TITLE:  
Site Layout Plan  
Cottam Solar Project  
Cottam 1

DRAWN BY: JR	SCALE: Not to Scale	PROJECT NO: 21-1088.02
CHECKED BY: PH	REVISION: 1	FIGURE NO: 2
DATE: 8th November 2021		

## Figure 3 – Relevant Feature Plan

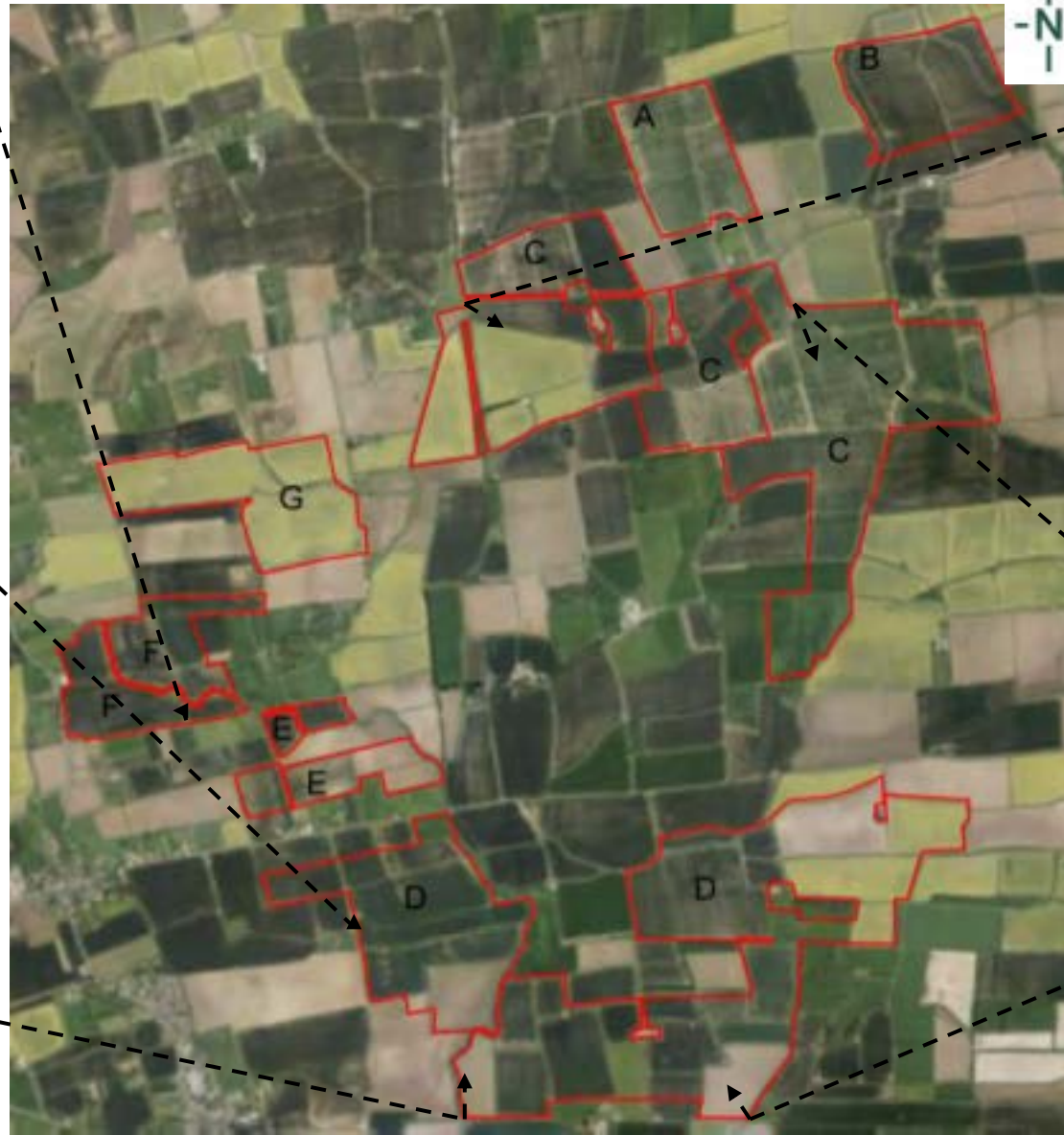
PH01: View across central area of Field F



PH02: Concrete storage area in west



PH03: View across southern area of Field D



Bing maps

COMMENTS: There is uncertainty as unrecorded land use may have occurred and caused contamination that has not been identified by the observations.

PH04: View across northern area



PH05: View across northern area



PH06: View across southern area of Field D



## Appendices



## Appendix A – Limitations

## Limitations

This Report was prepared by Delta-Simons Environmental Consultants Ltd (Delta-Simons) for the sole and exclusive use of the Client and for the specific purpose for which Delta-Simons was instructed. Nothing contained in this Report shall be construed to give any rights or benefits to anyone other than the Client and Delta-Simons, and all duties and responsibilities undertaken are for the sole and exclusive benefit of the Client and not for the benefit of any other party. Delta-Simons does not intend, without its written consent through a formal letter of reliance or warranty, for this Report to be disseminated to any party other than the named Client or to be used or relied upon by any party other than the named Client. Use of the Report by any other party is unauthorised and such use is at the sole risk of the user. Any party using or relying upon this Report, other than the Client, agrees by virtue of its use to indemnify and hold harmless Delta-Simons from and against all claims, losses and damages (of whatsoever nature and howsoever or whensoever arising), arising out of or resulting from the performance of the work by Delta-Simons. Unless explicitly agreed otherwise, in writing, this Report has been prepared under Delta-Simons' Standard Terms and Conditions as included within our proposal to the Client.

The recommendations contained within this Report represent Delta-Simons professional opinions, based upon the information detailed within the Report, exercising the reasonable skill and care to be expected of a professional consultant holding itself out as having the competence, experience and resources necessary for the purpose of carrying out similar work in scope and character to the services performed. The Report needs to be considered in the light of the proposal and associated limitations of scope. The Report needs to be read and considered in full and isolated sections cannot be used without full reference to other elements of the report and any previous works referenced within the Report.

Where Delta-Simons has obtained, reviewed and evaluated information in preparing this Report from the Client and others and Delta-Simons conclusions, opinions and recommendations has been reasonably determined using this information, Delta-Simons does not warrant the accuracy of the third-party information provided to it and cannot be responsible for any opinions which Delta-Simons has expressed, or conclusions which it has reached in reliance upon information which is subsequently proven to be inaccurate.

Site surveys document the conditions encountered at the time of survey only and conditions may change due to natural processes or human intervention. As such, surveys represent an assessment at a specific point in time and Delta-Simons cannot be responsible for adverse conditions which arise or become apparent after the time of the survey or for conditions which sit outside the scope for which the survey or Report was commissioned.

Where intrusive investigations have been completed, information, comments and opinions given in this report are based on the ground conditions encountered during the site work period and on the results of laboratory and field tests performed during the investigation. Ground conditions are inherently variable such that no investigation can be exhaustive to the extent that all adverse conditions are revealed. Conditions may therefore be present beneath the site that were not apparent in the data reviewed or obtained as part of this assessment. It should be noted that groundwater levels vary due to seasonal and other effects and may at times differ to those measured during the investigation. Delta-Simons does not warrant or guarantee that the Site is free of hazardous or potentially hazardous materials or conditions. Where risk assessment is undertaken, this is based upon the standards, guidance and common practice at the time of the assessment and Delta-Simons cannot be responsible for conditions which become apparent following changes in guidance or practice or advancements in scientific knowledge which change the position in relation to assessment of risk.

No aspect of this Report constitutes a design. Where this information is used in design, the designer should verify the information has been used appropriately.

Where budgets are prepared and presented within the Report, these are for information only to indicate the likely magnitude of a cost and do not represent an invitation to treat for the works. All budgets and programmes presented should be reviewed and verified by appropriately qualified and experienced independent Project Managers and Cost Consultants.

## Appendix B – Risk Definitions

## Contaminated Land Risk Definitions

The following methodology is based on the methodology presented in CIRIA C552 Contaminated Land Risk Assessment: A Guide to Good Practice 2001. It requires the classification of the:

Magnitude of the potential consequence (severity) of the Risk occurring: and

Magnitude of the Probability (likelihood) of the Risk occurring.

The classifications are then compared to indicate the risk presented by each pollutant linkage.

### Consequence to Receptor Definition Matrix

	Human Health	Controlled Waters	Buildings/Services
Severe Consequence	Acute or chronic permanent impact on human health.	Sensitive controlled water pollution ongoing, or just about to occur.	Catastrophic collapse
Medium Consequence	Chronic permanent impact on human health	Gradual pollution of sensitive controlled water	Degradation of materials
Mild Consequence	Chronic temporary impact on human health	Gradual pollution of non-sensitive controlled water	Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability).
Minor Consequence	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc).	Slight discoloration of water	Easily repairable effects of damage to buildings, structures and services, i.e. discoloration of concrete

### Probability Definitions

Probability	Definition in Context
Higher	There is a pollution linkage and an event that either appears very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution.  Positive evidence of source, pathway and receptor.
Likely	There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term.  Suspect source, pathway, and receptor
Low Likelihood	There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
Unlikely	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long term.  No evidence of hazard, pathway, and receptor

**Standard Risk Matrix**

		Consequence/Magnitude of impact			
		Severe	Medium	Mild	Minor
Probability	High	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

**Classified risks and likely action**

Significance Level	Definition/Comments
<b>Very High Risk</b>	<p>There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening.</p> <p>This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.</p> <p>Demonstrable contaminated land situation, highest threat &amp; liability level, urgent action recommended.</p>
<b>High Risk</b>	<p>Harm is likely to arise to a designated receptor from an identified hazard.</p> <p>Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the longer term.</p> <p>Likely contaminated land situation, risk assessment and action recommended.</p>
<b>Moderate</b>	<p>It is possible that harm could arise to a designated receptor from an identified hazard. However, if is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild.</p> <p>Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.</p> <p>Plausible contaminated land situation, risk assessment and possible action recommended.</p>
<b>Low Risk</b>	<p>It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.</p> <p>Unlikely contaminated land situation, possible risk assessment and possible action.</p>
<b>Very Low Risk</b>	<p>There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.</p> <p>Negligible risk, no action recommended except vigilance for changes in conditions.</p>

## Geotechnical Risk Classification

The geohazards listed in the report within Section 4 follow guidance presented in Clayton, C.R.I. (2001) *Managing Geotechnical Risk*, Thomas Telford and the Highways Agency document CD622 ‘*Managing Geotechnical Risk*’ (2008) which aims to identify and manage the geotechnical risks associated with a scheme throughout its lifespan, from planning to construction to maintenance.

For each geohazard the probability of the hazard occurring (P) has been considered together with the impact it would have (I) if it were to happen to calculate the risk rating between 1 and 25.

Risks that fall within Moderate, Significant and Severe categories below are considered to be **substantial** and are therefore listed within the report.

Probability	(P)	X	Impact	(I)	=	(R)	Risk
Very Likely (VLk)	5		Very High (VH)	5		20 – 25	Severe
Likely (Lk)	4		High (H)	4		15 – 19	Substantial
Plausible (P)	3		Medium (M)	3		10 – 14	Moderate
Unlikely (U)	2		Low (L)	2		5 – 9	Minor
Very Unlikely (VU)	1		Very Low (VL)	1		1 – 4	Negligible

## Appendix C – Historical Maps

# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

**Gravel Pit**, **Sand Pit**, **Other Pits**  
**Quarry**, **Shingle**, **Orchard**  
**Osiers**, **Reeds**, **Marsh**  
**Mixed Wood**, **Deciduous**, **Brushwood**  
**Fir**, **Furze**, **Rough Pasture**  
 Arrow denotes flow of water, **Trigonometrical Station**  
**Site of Antiquities**, **Bench Mark**  
**Pump, Guide Post, Signal Post**, **Well, Spring, Boundary Post**  
**-285** Surface Level  
**Sketched Contour**, **Instrumental Contour**  
**Main Roads** (Fenced, Un-Fenced), **Minor Roads** (Fenced, 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** (Shown only when not coincident with other boundaries)  
**Civil Parish** (Shown alternately when coincidence of boundaries occurs)  
**BP, BS** Boundary Post or Stone, **Pol Sta** Police Station, **Ch** Church, **PO** Post Office, **CH** Club House, **PC** Public Convenience, **F E Sta** Fire Engine Station, **PH** Public House, **FB** Foot Bridge, **SB** Signal Box, **Fn** Fountain, **Spr** Spring, **GP** Guide Post, **TCB** Telephone Call Box, **MP** Mile Post, **TCP** Telephone Call Post, **MS** Mile Stone, **W** Well

## 1:10,000 Raster Mapping

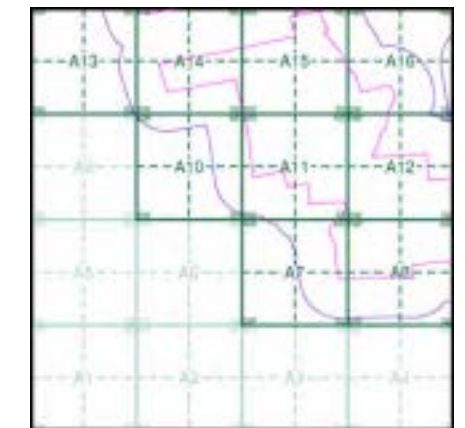
**Gravel Pit**, **Refuse tip or slag heap**  
**Rock**, **Rock (scattered)**  
**Boulders**, **Boulders (scattered)**  
**Shingle**, **Mud**, **Mud**  
**Sand**, **Sand Pit**  
**Slopes**, **Top of cliff**  
**General detail**, **Underground detail**  
**Overhead detail**, **Narrow gauge railway**  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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1885	2
Lincolnshire	1:10,560	1907	3
Lincolnshire	1:10,560	1907	4
Lincolnshire	1:10,560	1947	5
Ordnance Survey Plan	1:10,000	1956	6
Ordnance Survey Plan	1:10,000	1976 - 1979	7
Ordnance Survey Plan	1:10,000	1981	8
10K Raster Mapping	1:10,000	2000	9
10K Raster Mapping	1:10,000	2006	10
VectorMap Local	1:10,000	2021	11

## Historical Map - Slice A



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

## Site Details

Cottam 1



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



## Lincolnshire

Published 1885

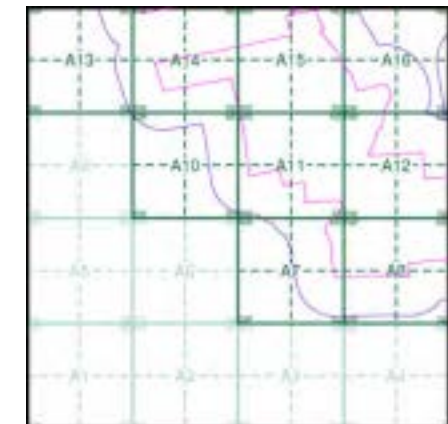
Source map scale - 1:10,560

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.

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1885
1:10,560
060NE
1885
1:10,560

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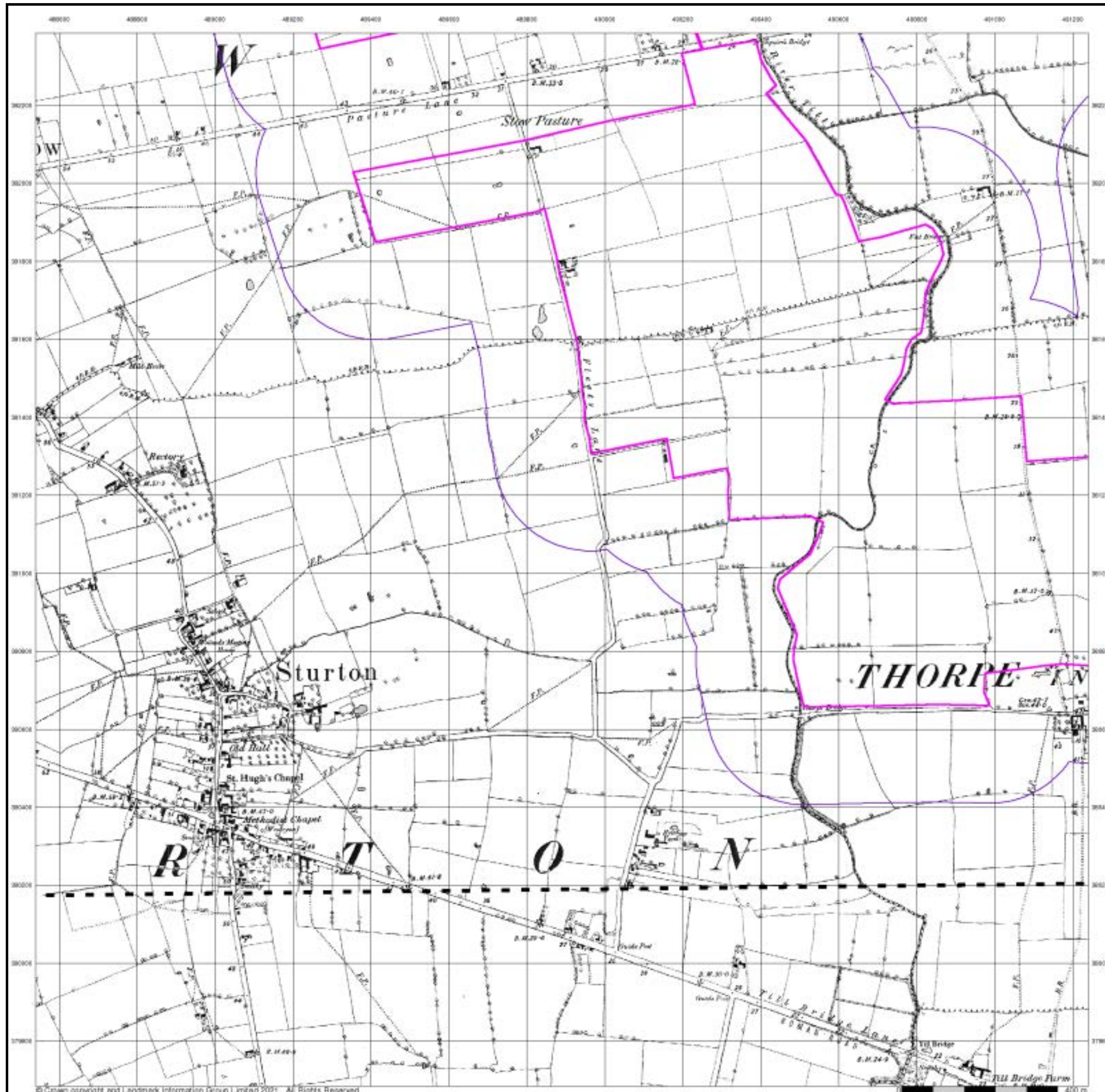


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 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1907

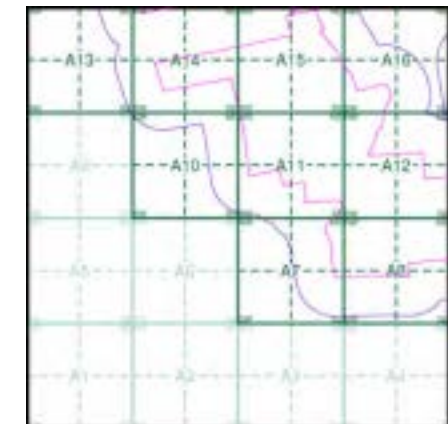
Source map scale - 1:10,560

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

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

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1:10,560
060NE
1907
1:10,560

### Historical Map - Slice A

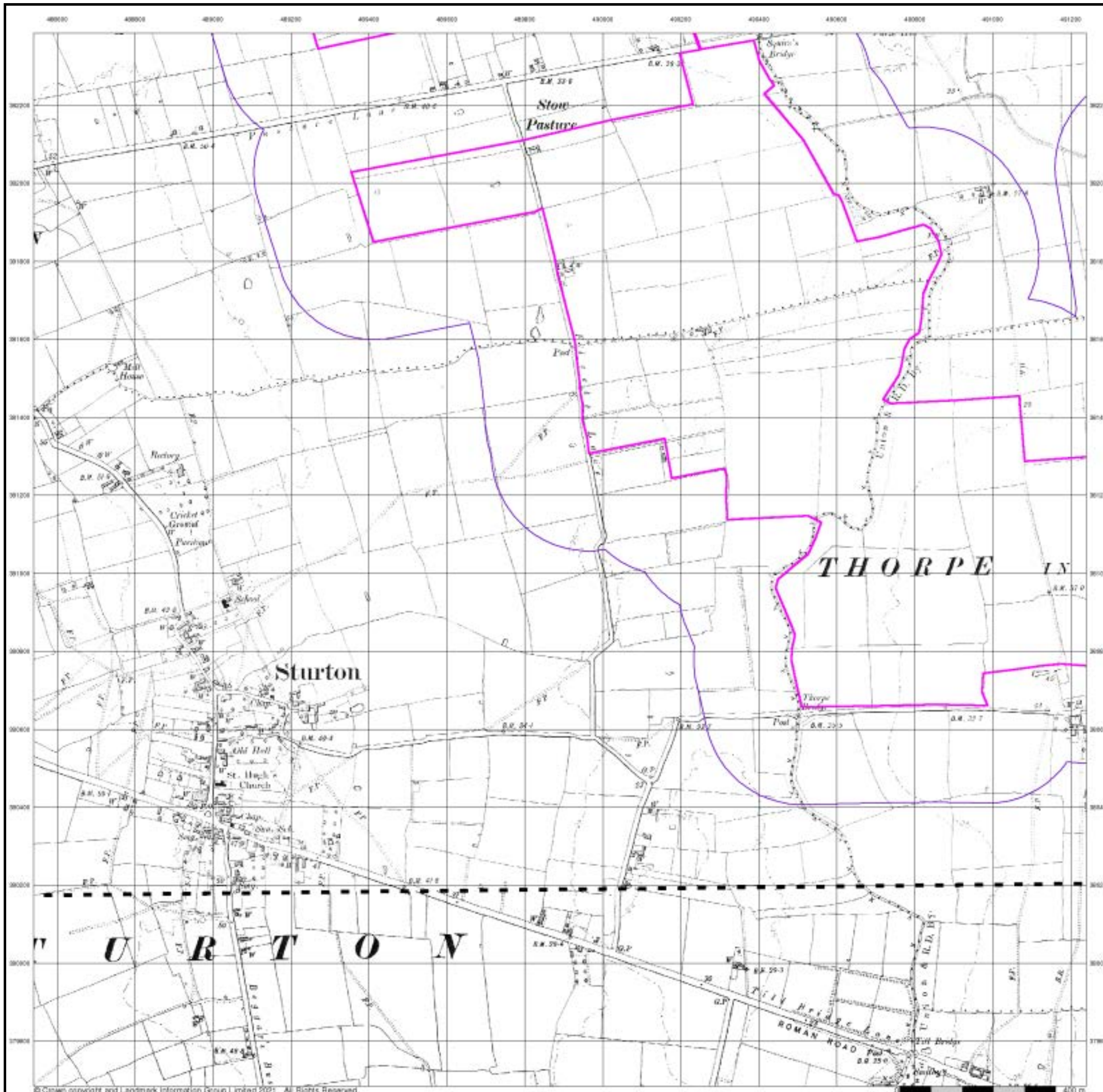


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 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1907

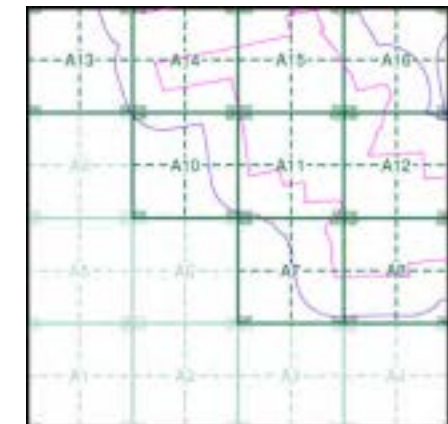
Source map scale - 1:10,560

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

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

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060NE	1907	1:10,560

### Historical Map - Slice A

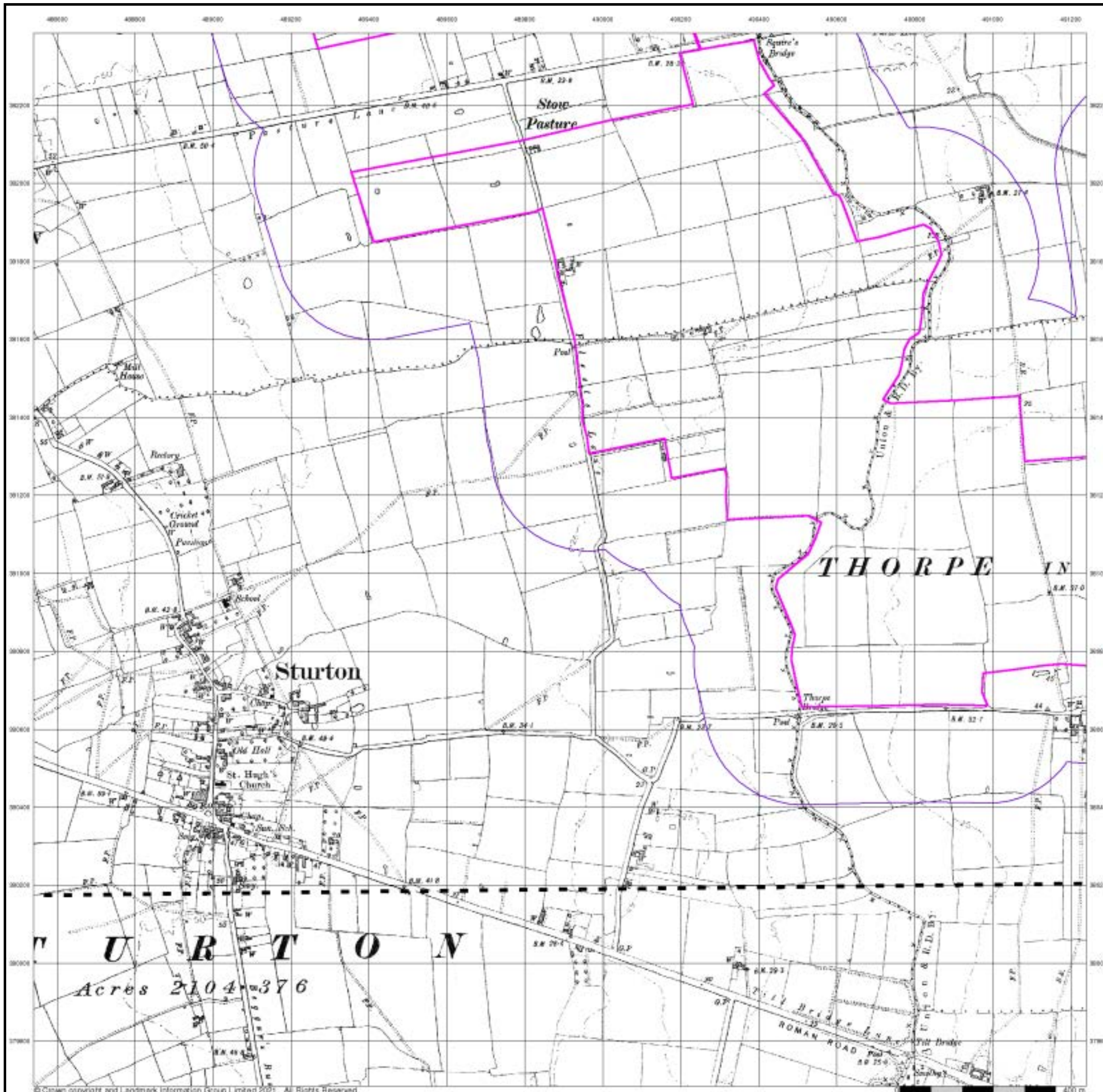


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1947

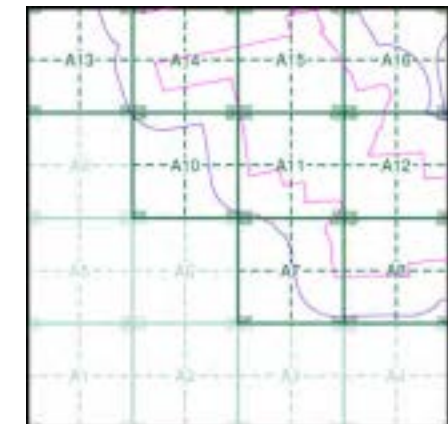
Source map scale - 1:10,560

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.

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1:10,560
060NE
1947
1:10,560

### Historical Map - Slice A

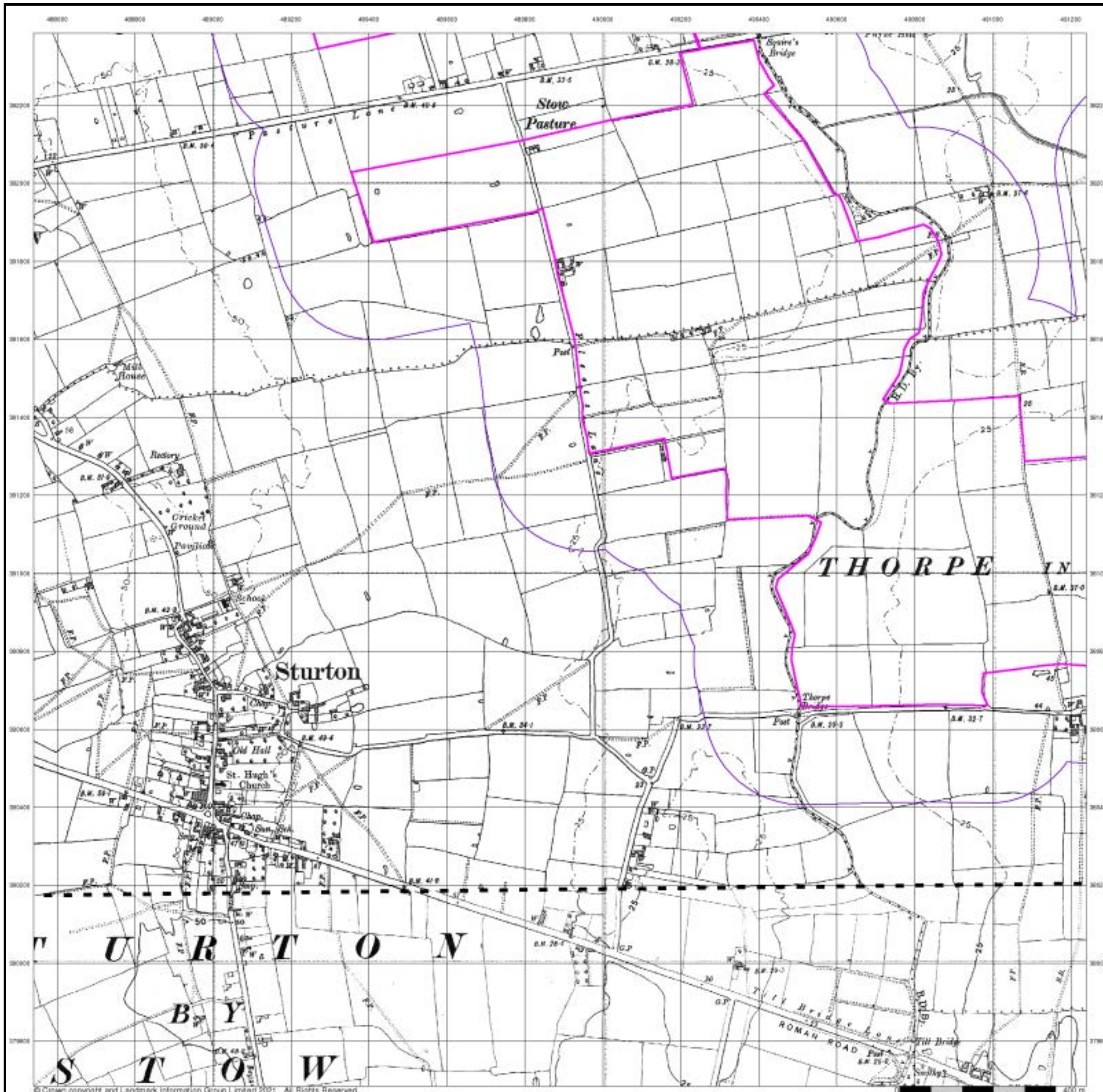


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Ordnance Survey Plan

Published 1956

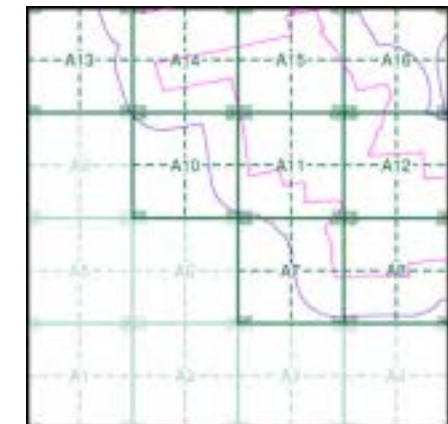
Source map scale - 1:10,000

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

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

SK88SE	SK98SW
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1:10,560	1:10,560
SK87NE	SK97NW
1956	1956
1:10,560	1:10,560

### Historical Map - Slice A

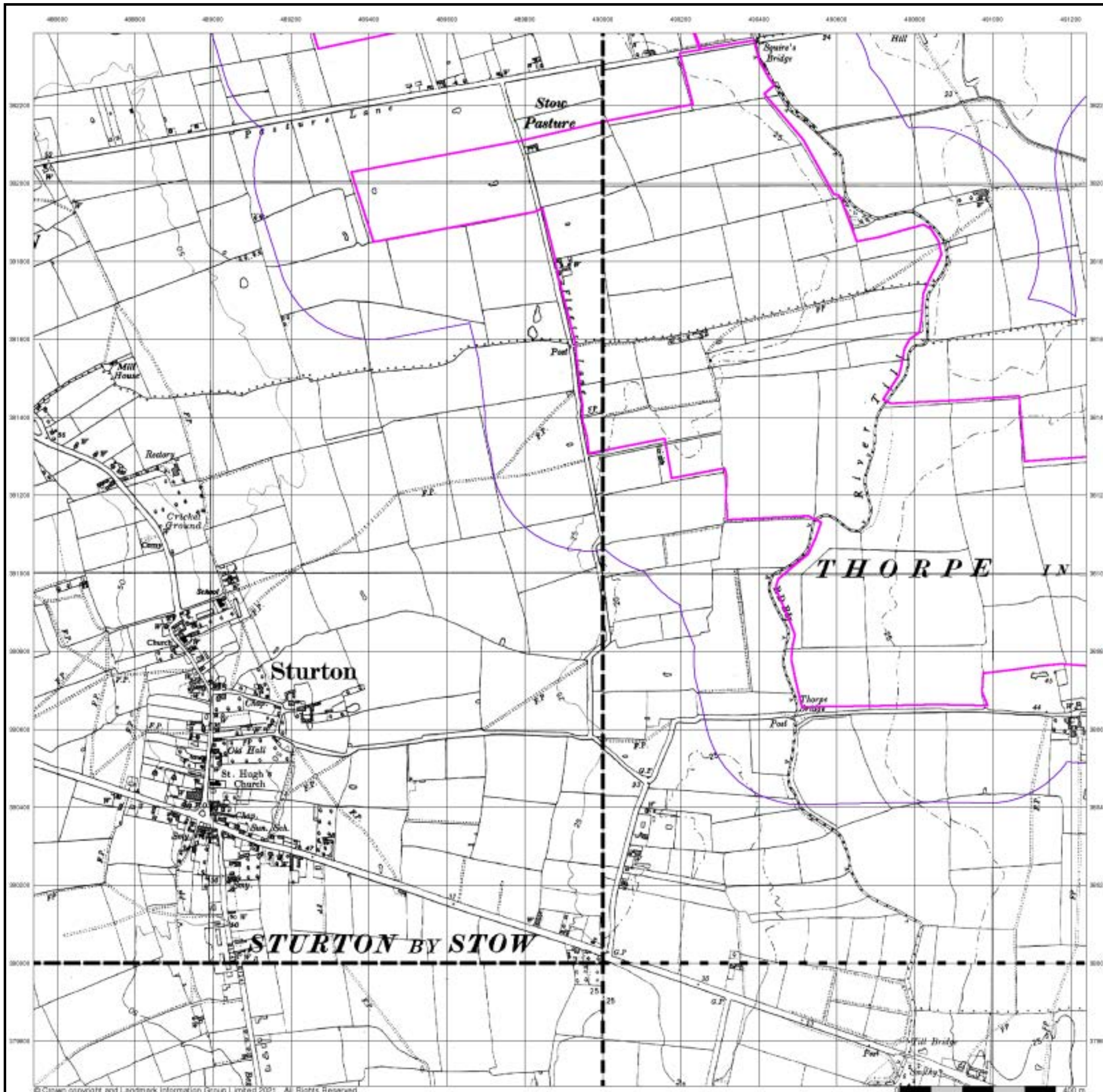


### Order Details

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 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



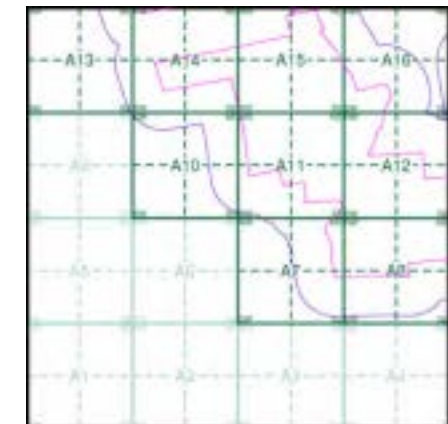
**Ordnance Survey Plan**  
**Published 1976 - 1979**  
**Source map scale - 1:10,000**

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)**

SK98SW	1979	1:10,000
SK87NE	1979	1:10,000
SK97NW	1976	1:10,000

**Historical Map - Slice A**

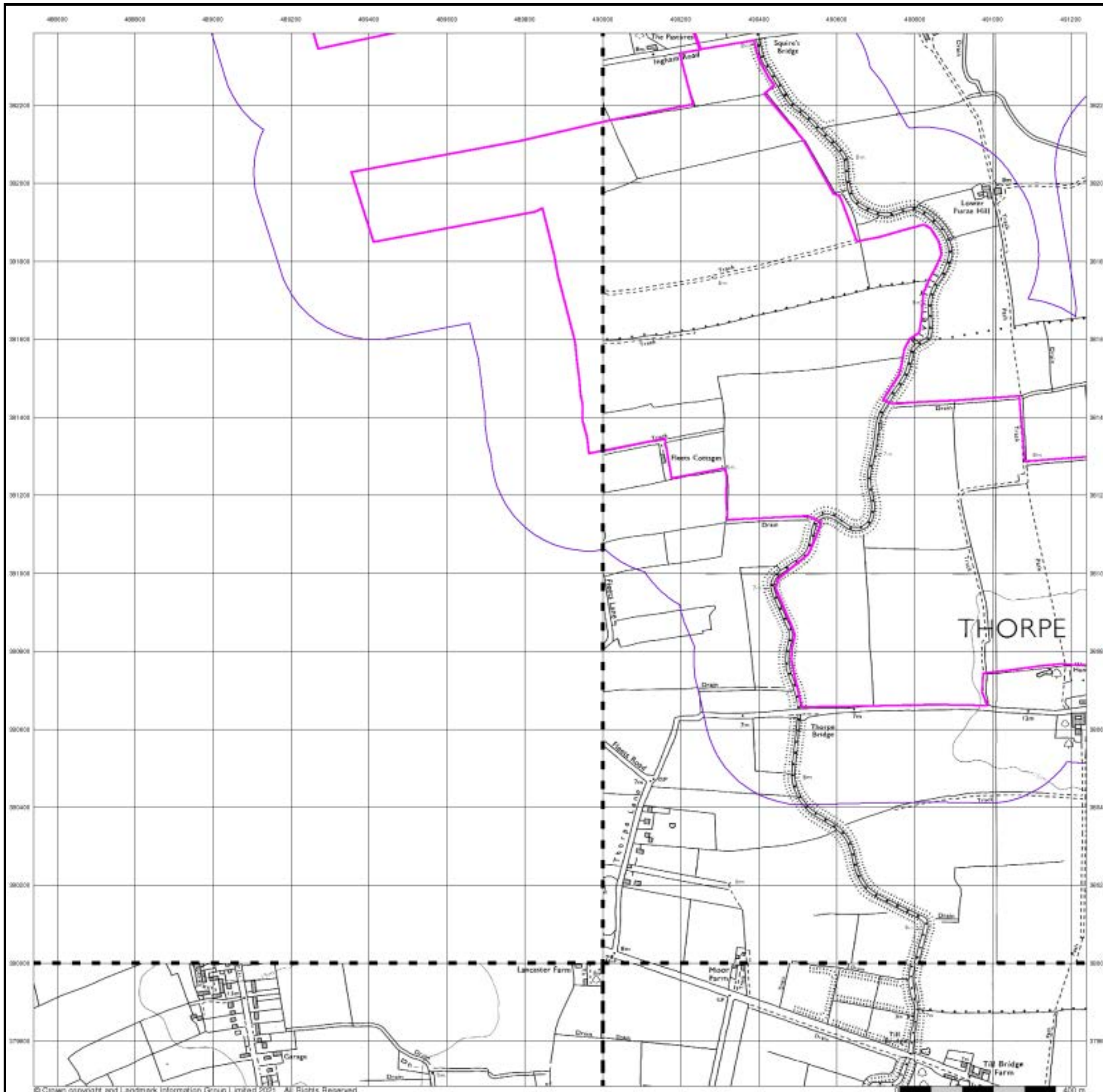


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

**Site Details**

Cottam 1



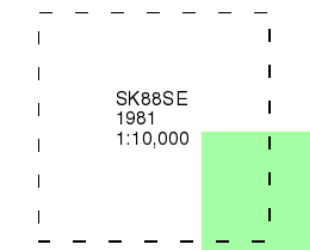
### Ordnance Survey Plan

Published 1981

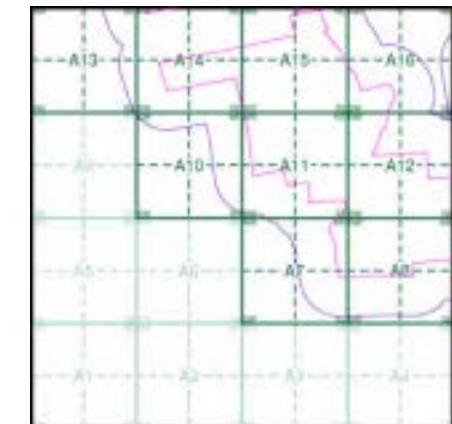
Source map scale - 1:10,000

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

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



### Historical Map - Slice A

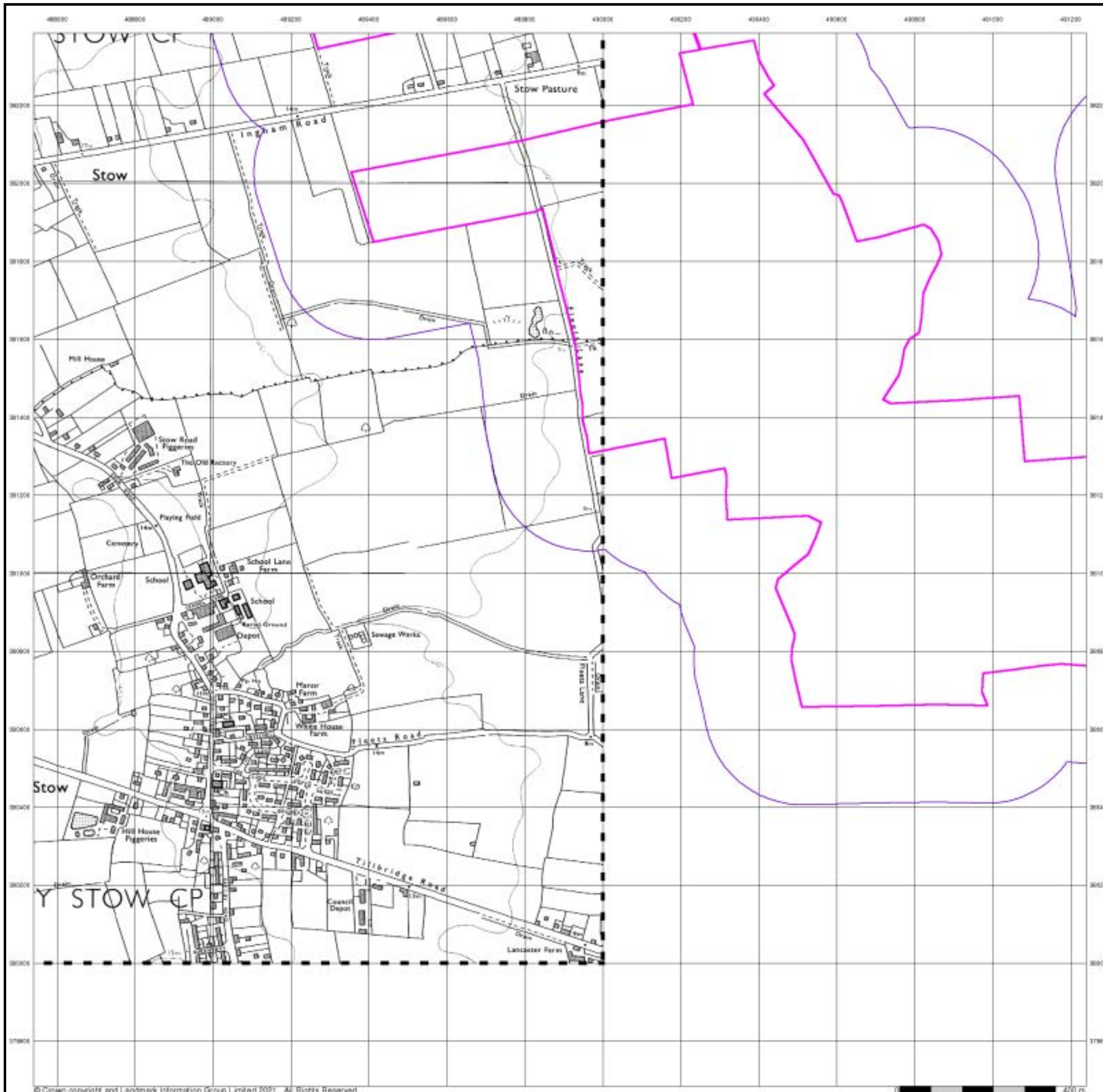


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## 10k Raster Mapping

Published 2000

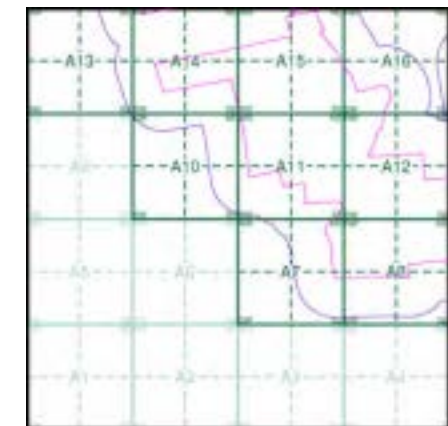
Source map scale - 1:10,000

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

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

SK88SE	SK98SW
2000	2000
1:10,000	1:10,000
SK87NE	SK97NW
2000	2000
1:10,000	1:10,000

### Historical Map - Slice A

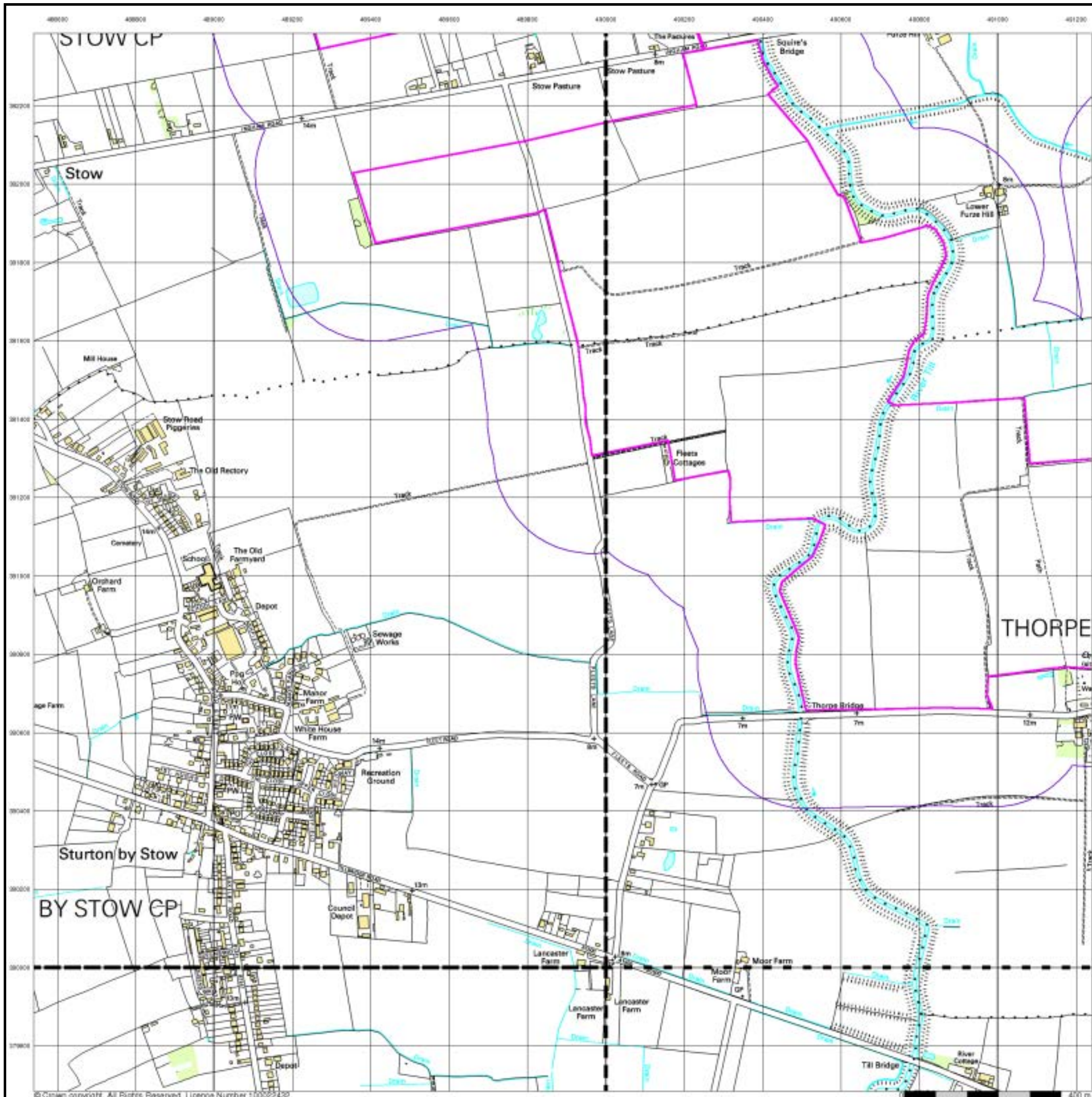


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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## 10k Raster Mapping

Published 2006

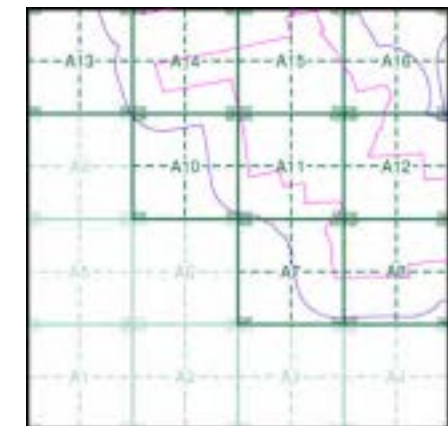
Source map scale - 1:10,000

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)

SK88SE	SK98SW
2006	2006
1:10,000	1:10,000
SK87NE	SK97NW
2006	2006
1:10,000	1:10,000

### Historical Map - Slice A

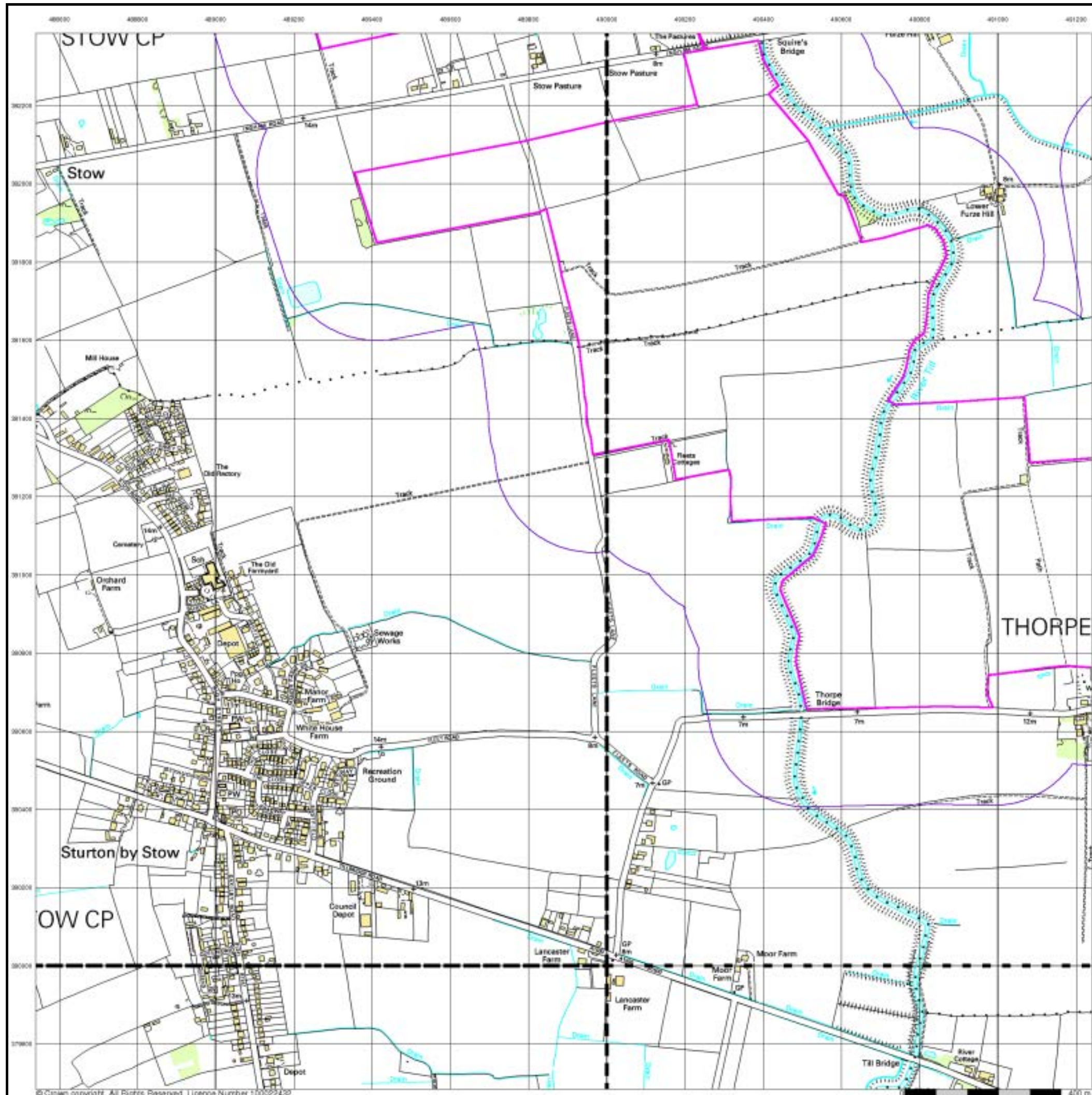


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



### VectorMap Local

Published 2021

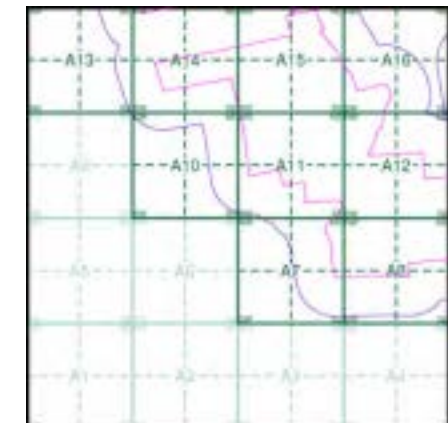
Source map scale - 1:10,000

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)

SK88SE	SK98SW
2021	2021
Variable	Variable
SK87NE	SK97NW
2021	2021
Variable	Variable

### Historical Map - Slice A

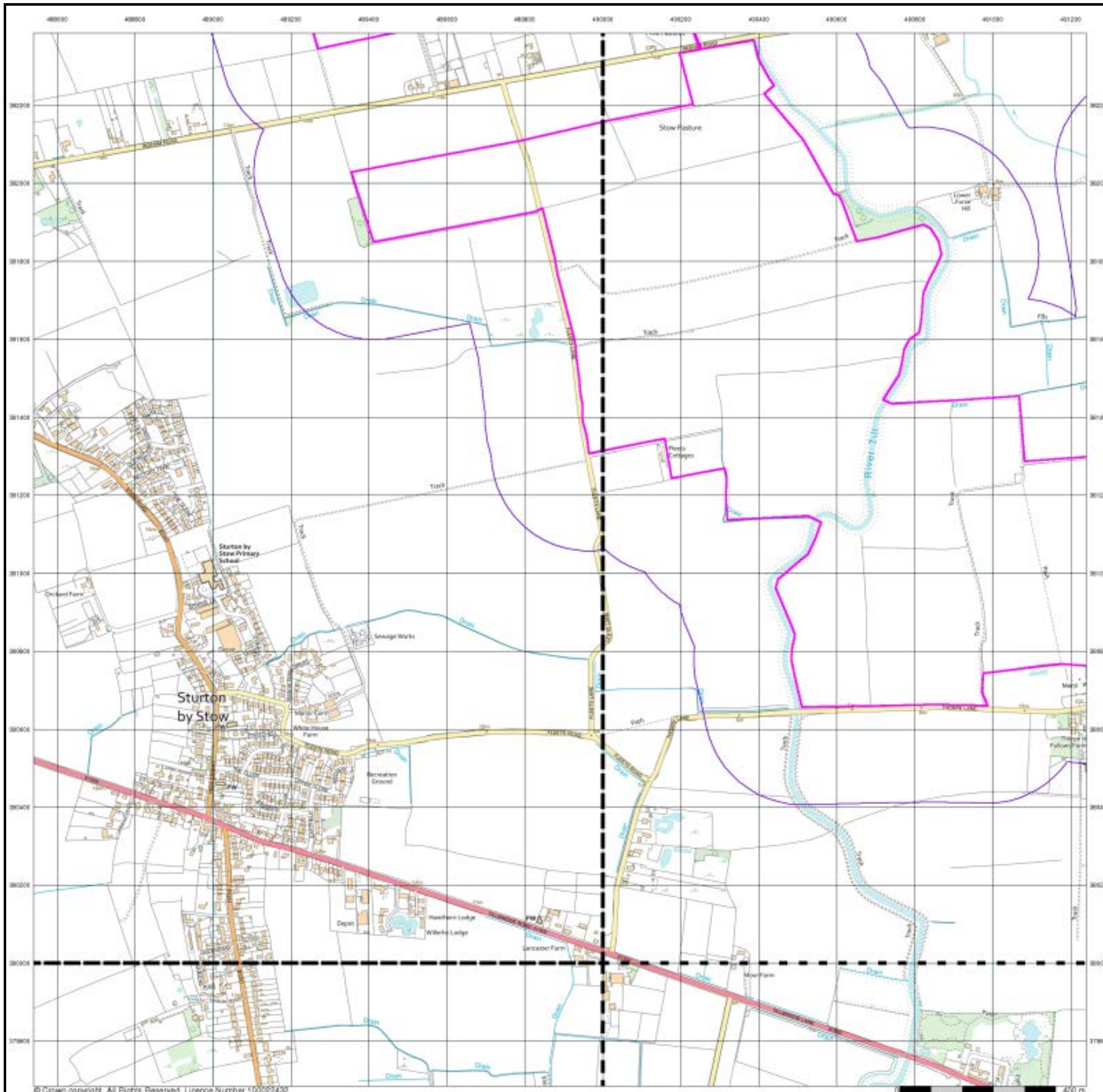


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



# Historical Mapping Legends

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

**Quarry**   **Gravel Pit**   **Sand Pit**  
**Clay Pit**   **Shingle**   **Refuse Heap**  
**Sloping Masonry**   **Flat Rock**  
**Marsh**   **Reeds**   **Osiers**  
**Rough Pasture**   **Furze**   **Wood**  
**Mixed Wood**   **Brushwood**   **Orchard**  
**Fir**   **Ford**   **Stepping Stones**  
**Ferry**   **Waterfall**   **Lock**  
**Trig. Station**   **Altitude at Trig. Station**  
**B.M. 325.9**   **Bench Mark**   **Surface Level**  
**Arrow denotes flow of water**   **Antiquities (site of)**  
**Cutting**   **Embankment**  
**Railway crossing Road**   **Level Crossing**   **Road crossing Railway**  
**Railway crossing River or Canal**   **Road over single stream**   **Road over River or Canal**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Administrative County & Civil Parish Boundary**  
**County Borough Boundary (England)**  
**County Burgh Boundary (Scotland)**  
**Boundary Post or Stone**   **Police Call Box**  
**B.R. Bridle Road**   **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

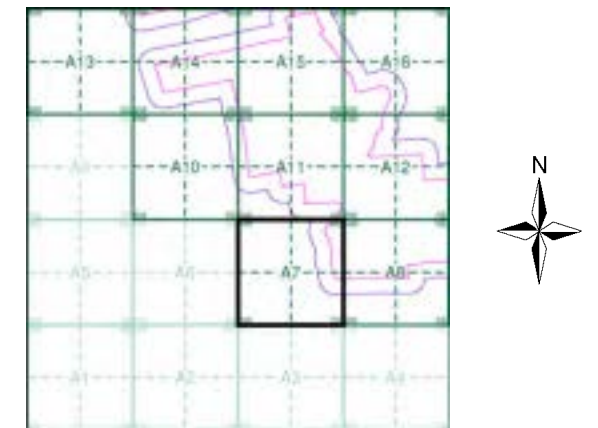
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1973 - 1976	4
Additional SIMs	1:2,500	1978	5
Additional SIMs	1:2,500	1986	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	1999	8

## Historical Map - Segment A7



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



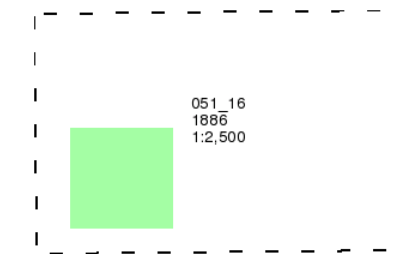
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

**Lincolnshire**  
**Published 1886**

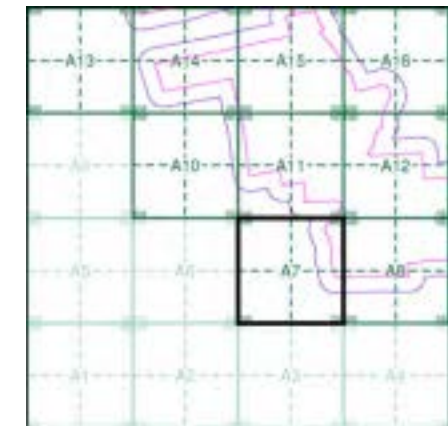
**Source map scale - 1:2,500**

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 A7**

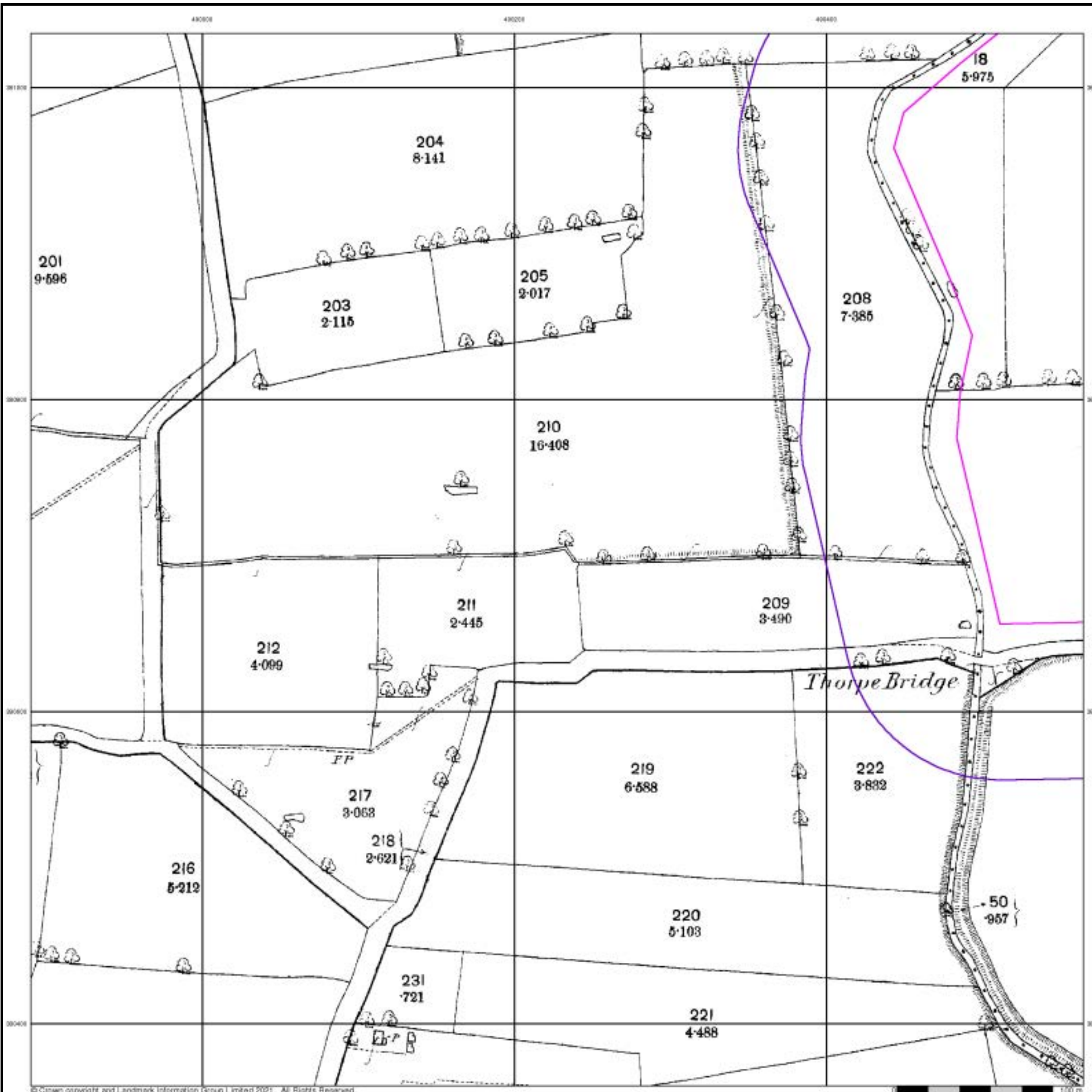


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



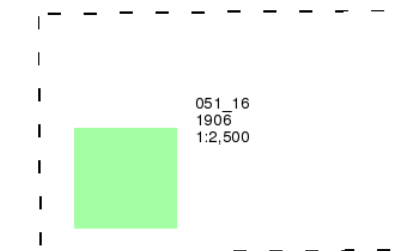
## Lincolnshire

Published 1906

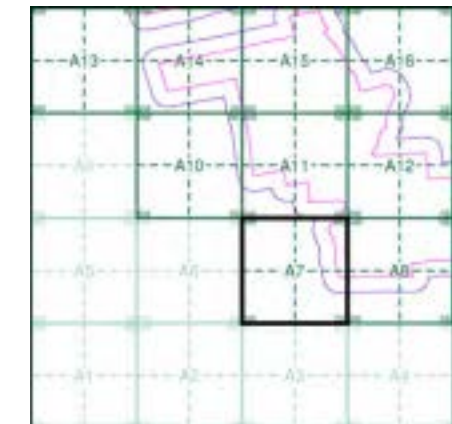
Source map scale - 1:2,500

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

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



### Historical Map - Segment A7

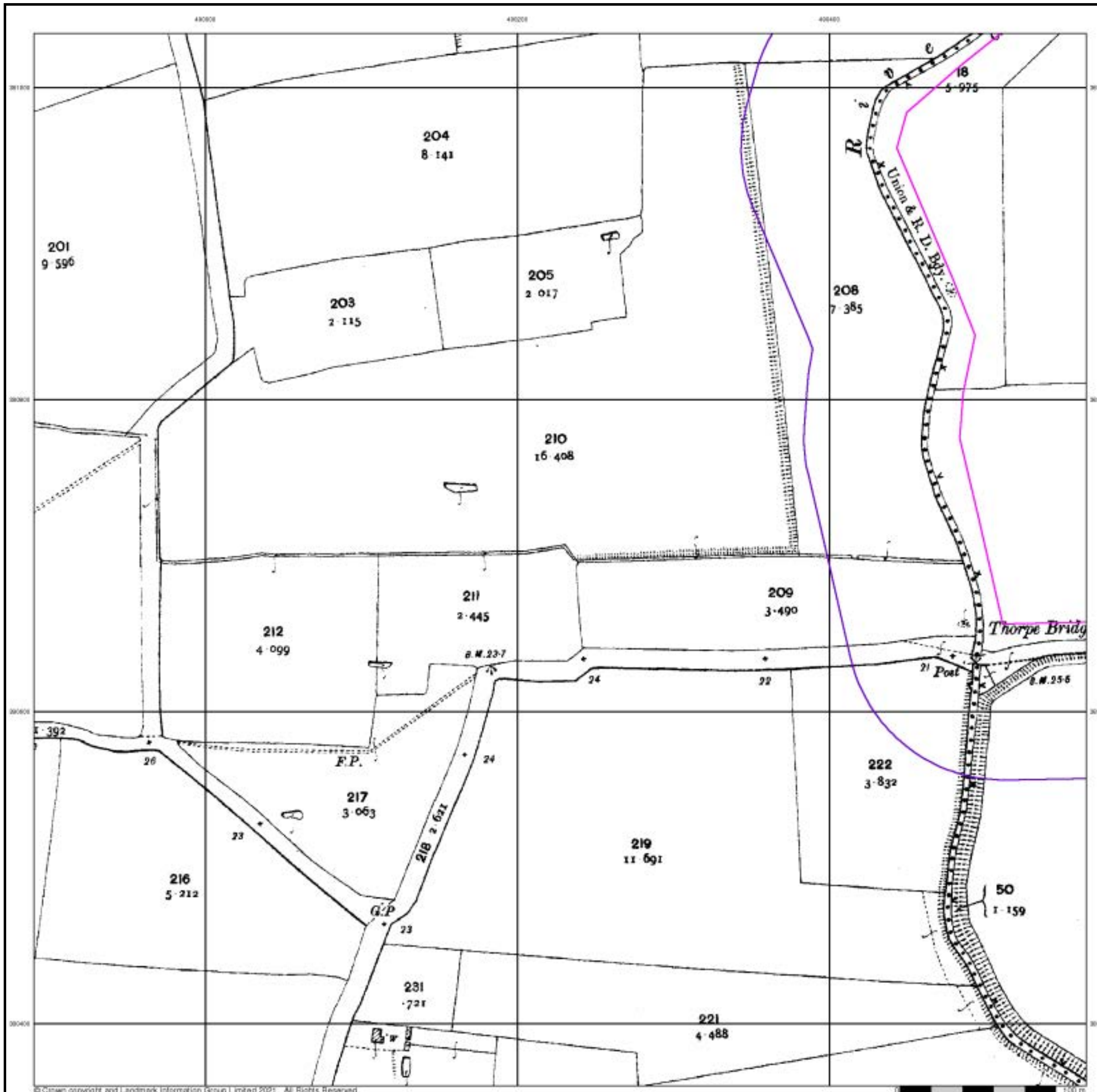


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



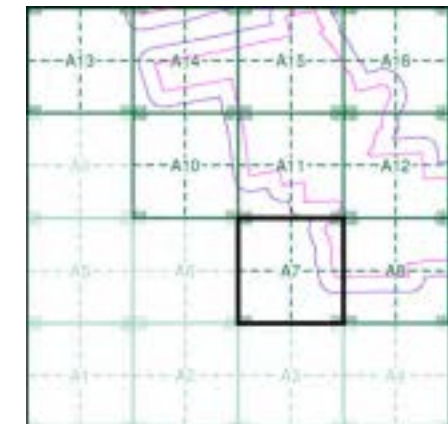
**Ordnance Survey Plan**  
**Published 1973 - 1976**  
**Source map scale - 1:2,500**

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)**

SK8981 1975 12,500	SK9081 1973 12,500
SK8980 1976 12,500	SK9080 1974 12,500

**Historical Map - Segment A7**

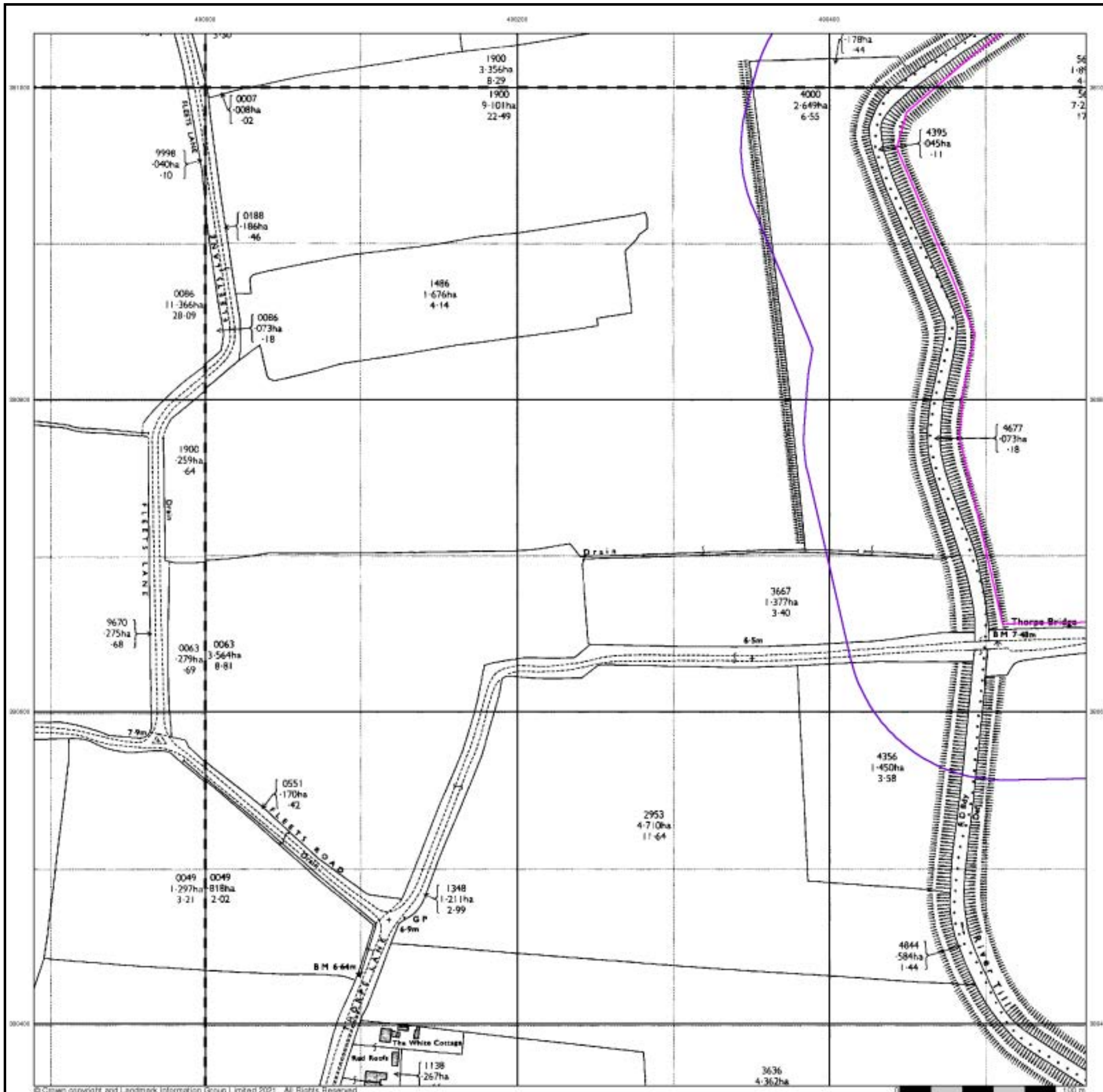


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



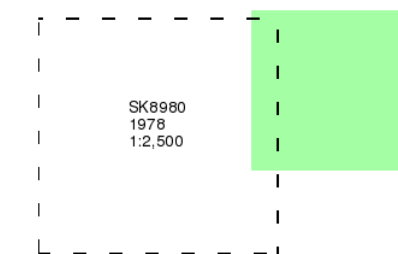
### Additional SIMs

Published 1978

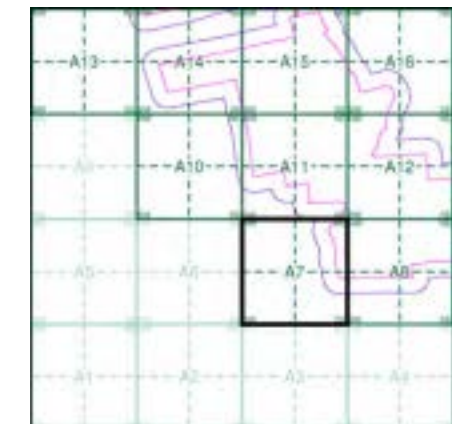
Source map scale - 1:2,500

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

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



### Historical Map - Segment A7

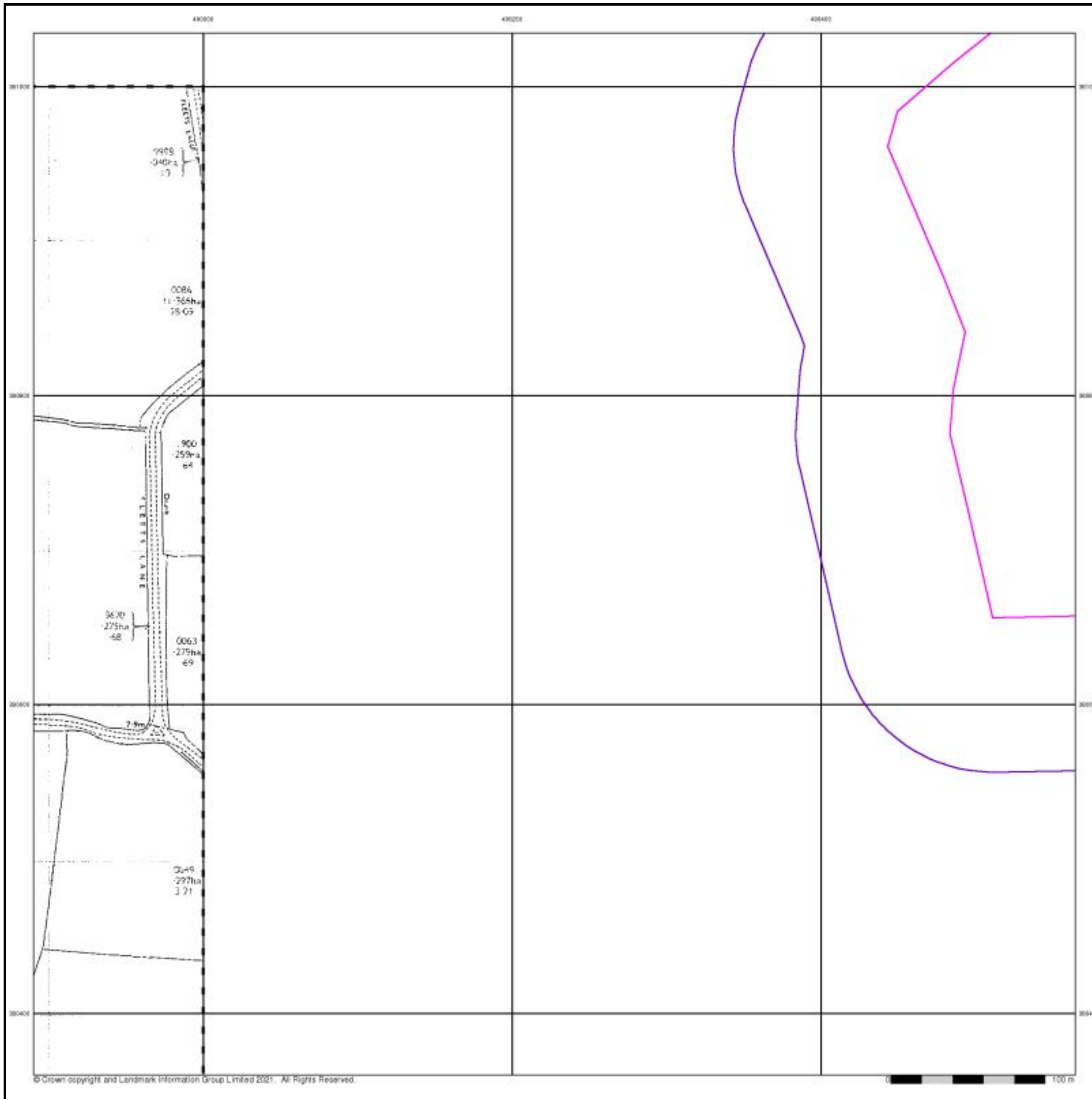


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



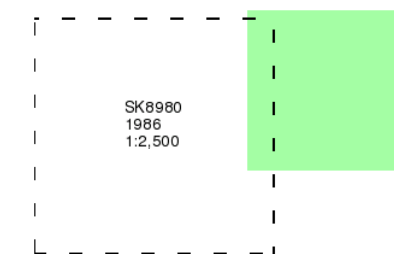
### Additional SIMs

Published 1986

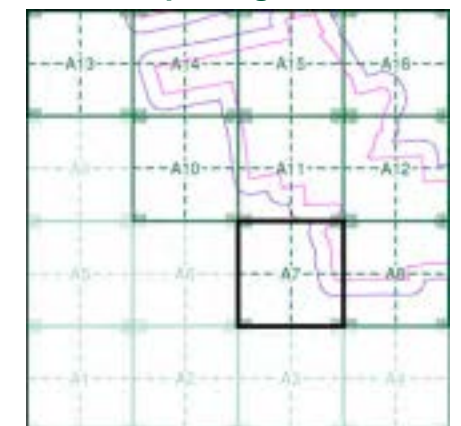
Source map scale - 1:2,500

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

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



### Historical Map - Segment A7

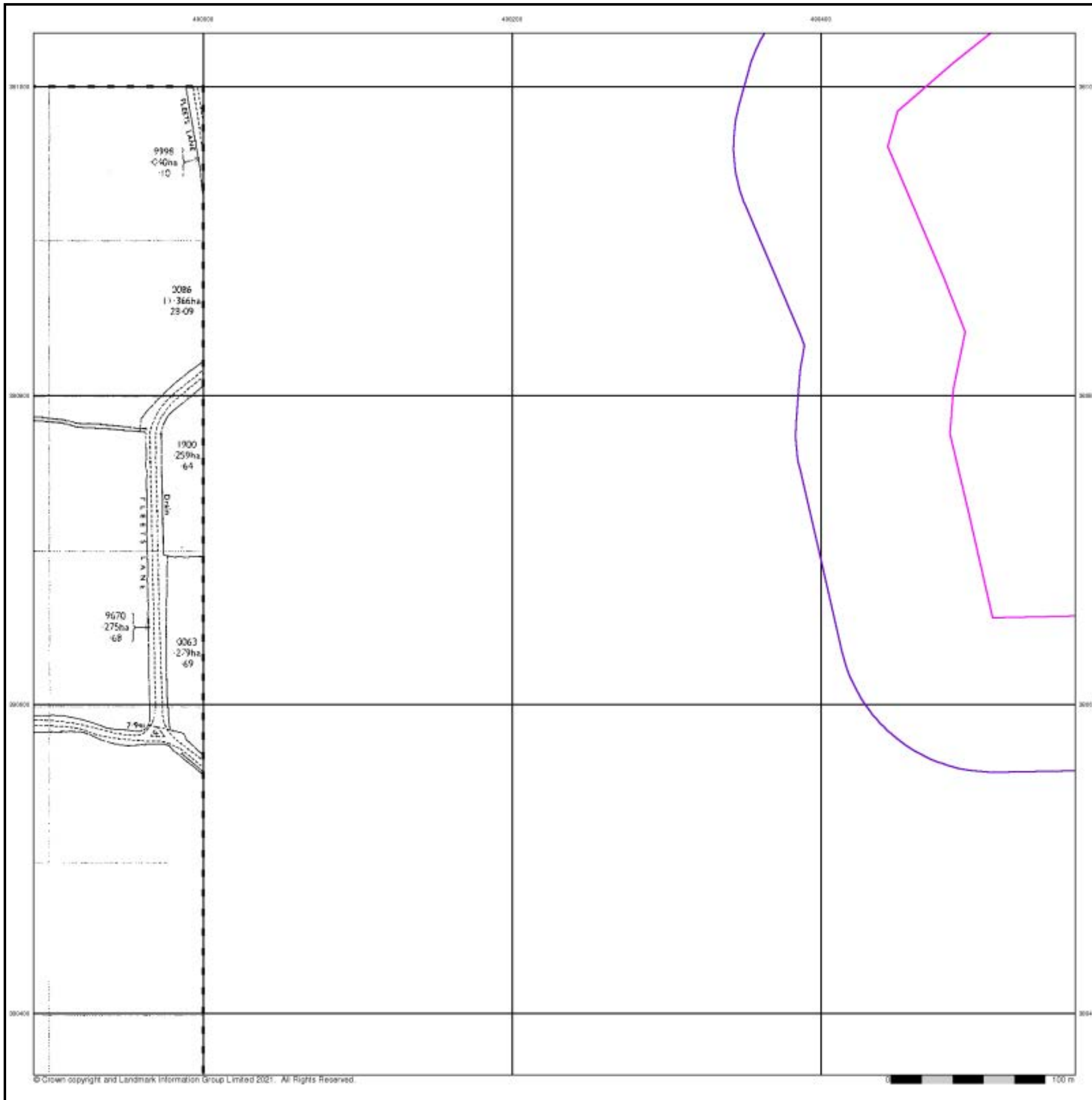


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





## Large-Scale National Grid Data

Published 1994

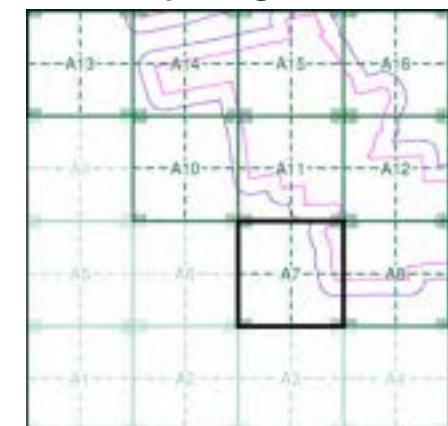
Source map scale - 1:2,500

'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)

SK8981 1994 1:2,500	SK9081 1994 1:2,500
SK8980 1994 1:2,500	SK9080 1994 1:2,500

### Historical Map - Segment A7



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

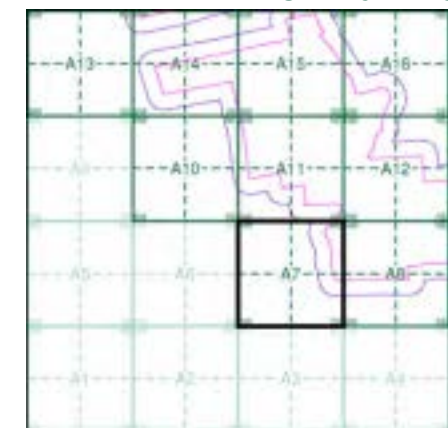


## Historical Aerial Photography

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 A7



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

**Inactive Quarry, Chalk Pit or Clay Pit**   **Active Quarry, Chalk Pit or Clay Pit**  
**Rock**   **Boulders**  
**Cliff**  
**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

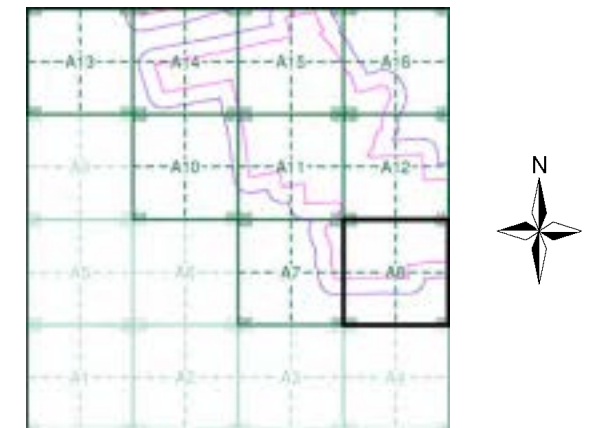
**Cliff**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1973 - 1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment A8



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

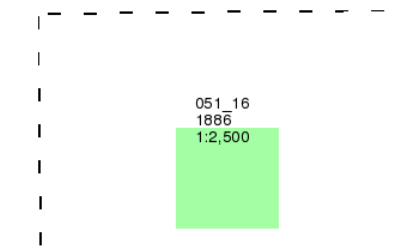
## Lincolnshire

Published 1886

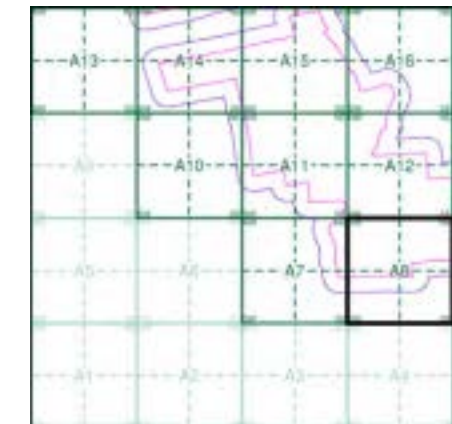
Source map scale - 1:2,500

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 A8

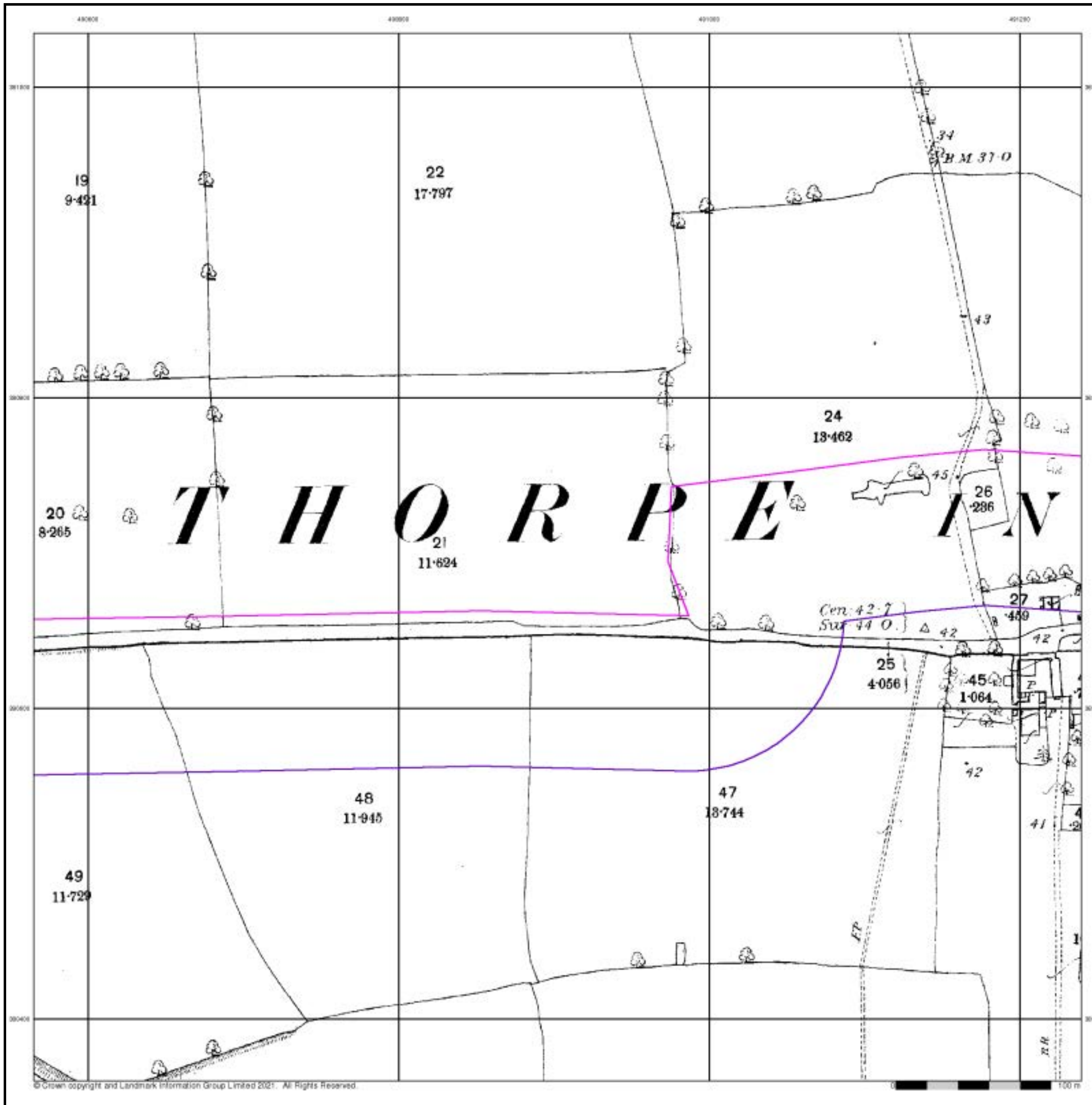


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



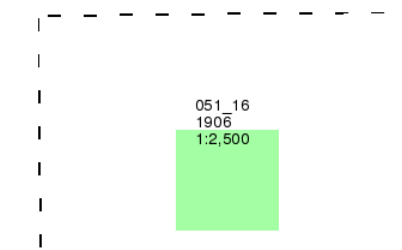
## Lincolnshire

Published 1906

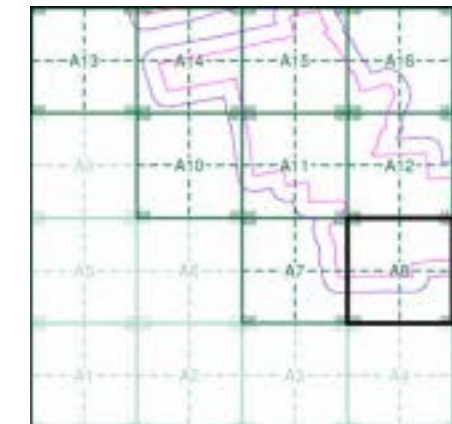
Source map scale - 1:2,500

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

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



### Historical Map - Segment A8

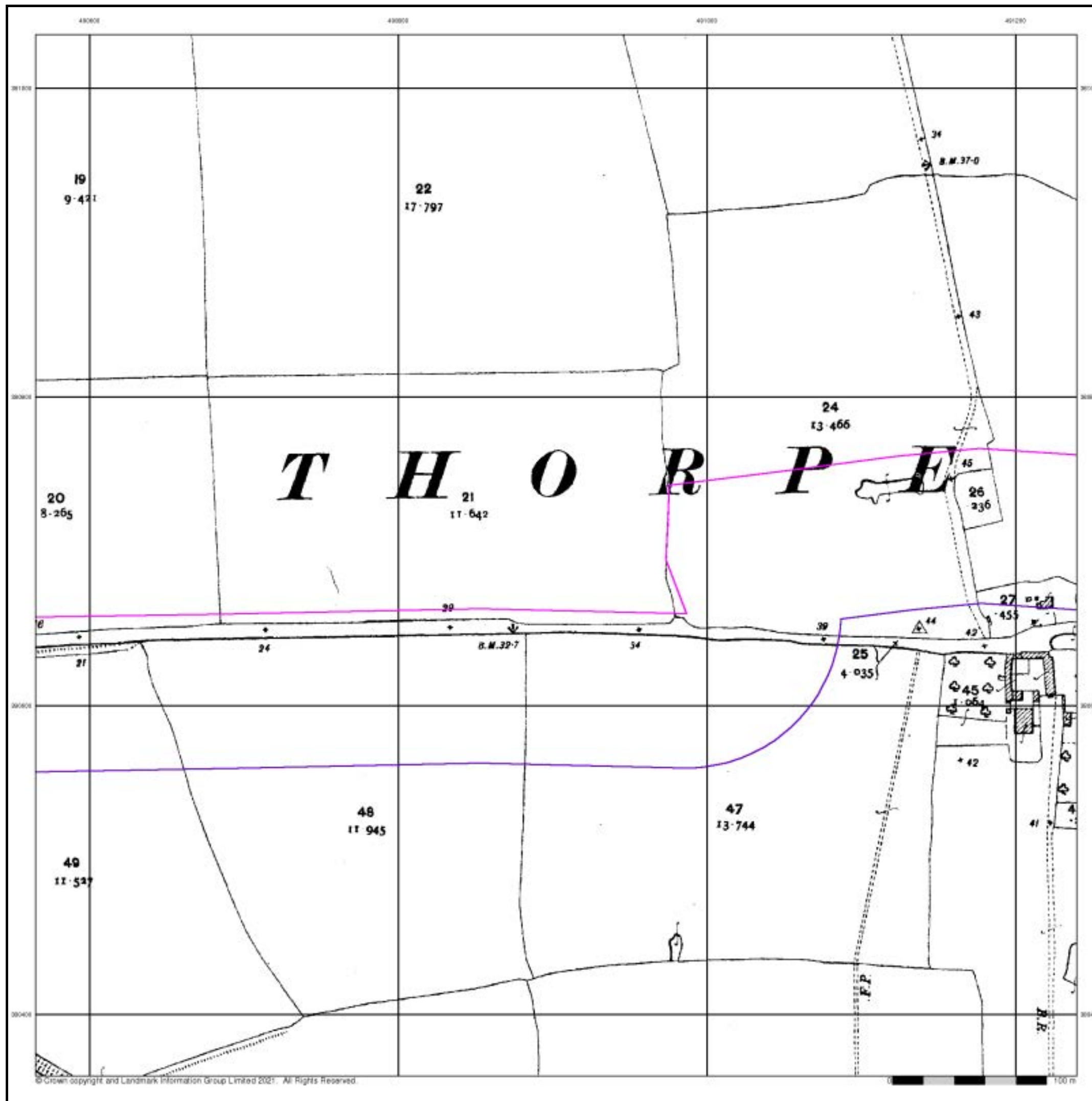


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



### Ordnance Survey Plan

Published 1973 - 1974

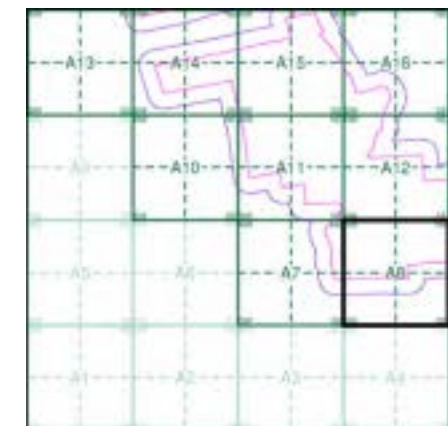
Source map scale - 1:2,500

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)

SK9081 1973 12,500	SK9181 1973 12,500
SK9080 1974 12,500	SK9180 1974 12,500

### Historical Map - Segment A8



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

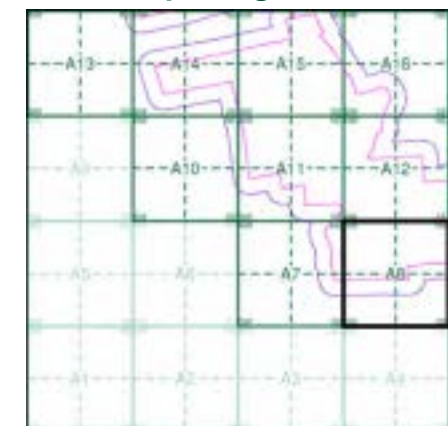
Source map scale - 1:2,500

'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)

SK9081	SK9181
1994	1994
1:2,500	1:2,500
SK9080	SK9180
1994	1994
1:2,500	1:2,500

### Historical Map - Segment A8



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

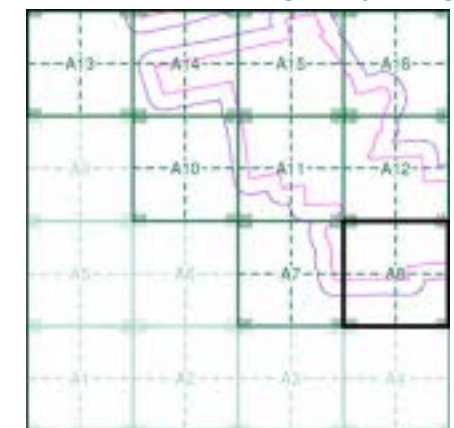


## Historical Aerial Photography

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 A8

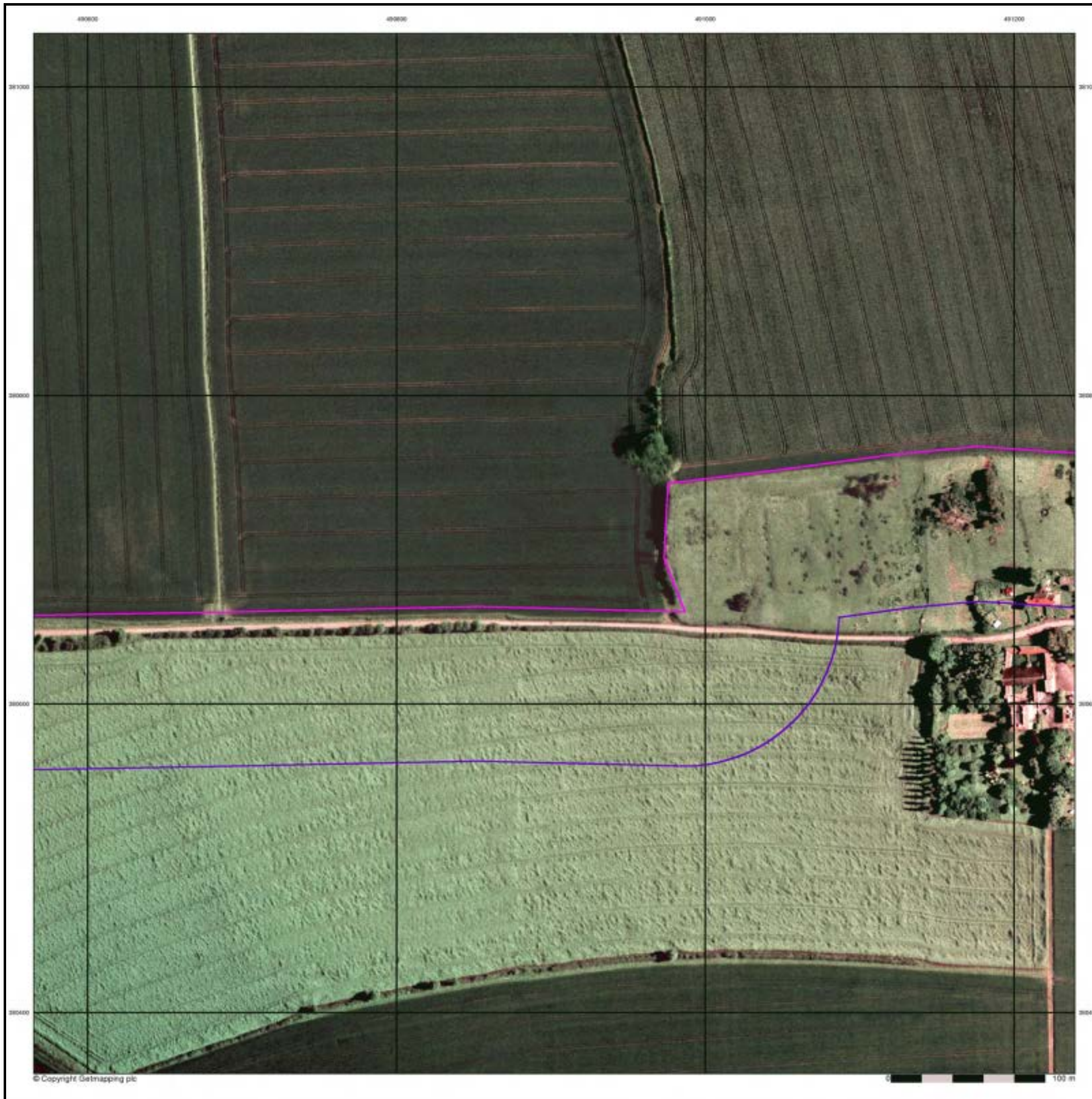


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





# Historical Mapping Legends

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

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

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

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

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

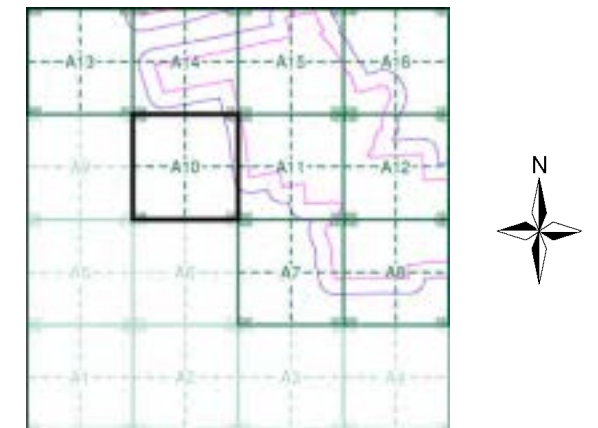
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **Bracken**  
**Coppice, Osier**   **Reeds**   **Marsh, Saltings**  
**Rough Grassland**   **Heath**   **Culvert**  
**Direction of water flow**   **Triangulation Station**   **Antiquity (site of)**  
**Electricity Transmission Line**   **Electricity Pylon**  
**BM 231.60m** Bench Mark   **Buildings with Building Seed**  
**Roofed Building**   **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks** Barracks   **P** Pillar, Pole or Post  
**Bty** Battery   **PO** Post Office  
**Cemy** Cemetery   **PC** Public Convenience  
**Chy** Chimney   **Pp** Pump  
**Cis** Cistern   **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway   **PW** Place of Worship  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment A10



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

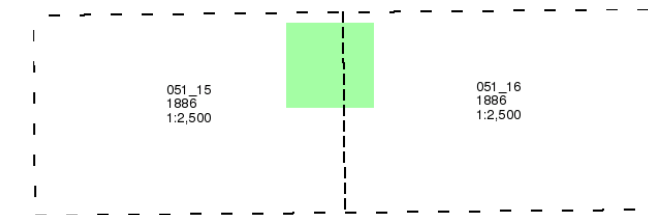
## Lincolnshire

Published 1886

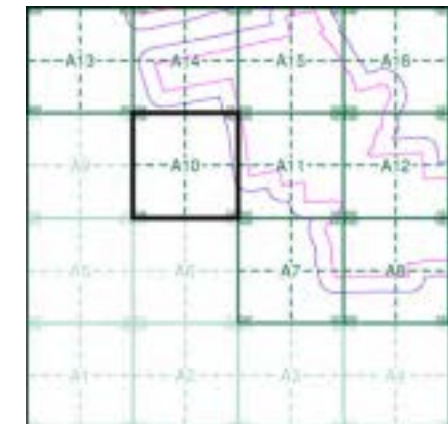
Source map scale - 1:2,500

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 A10

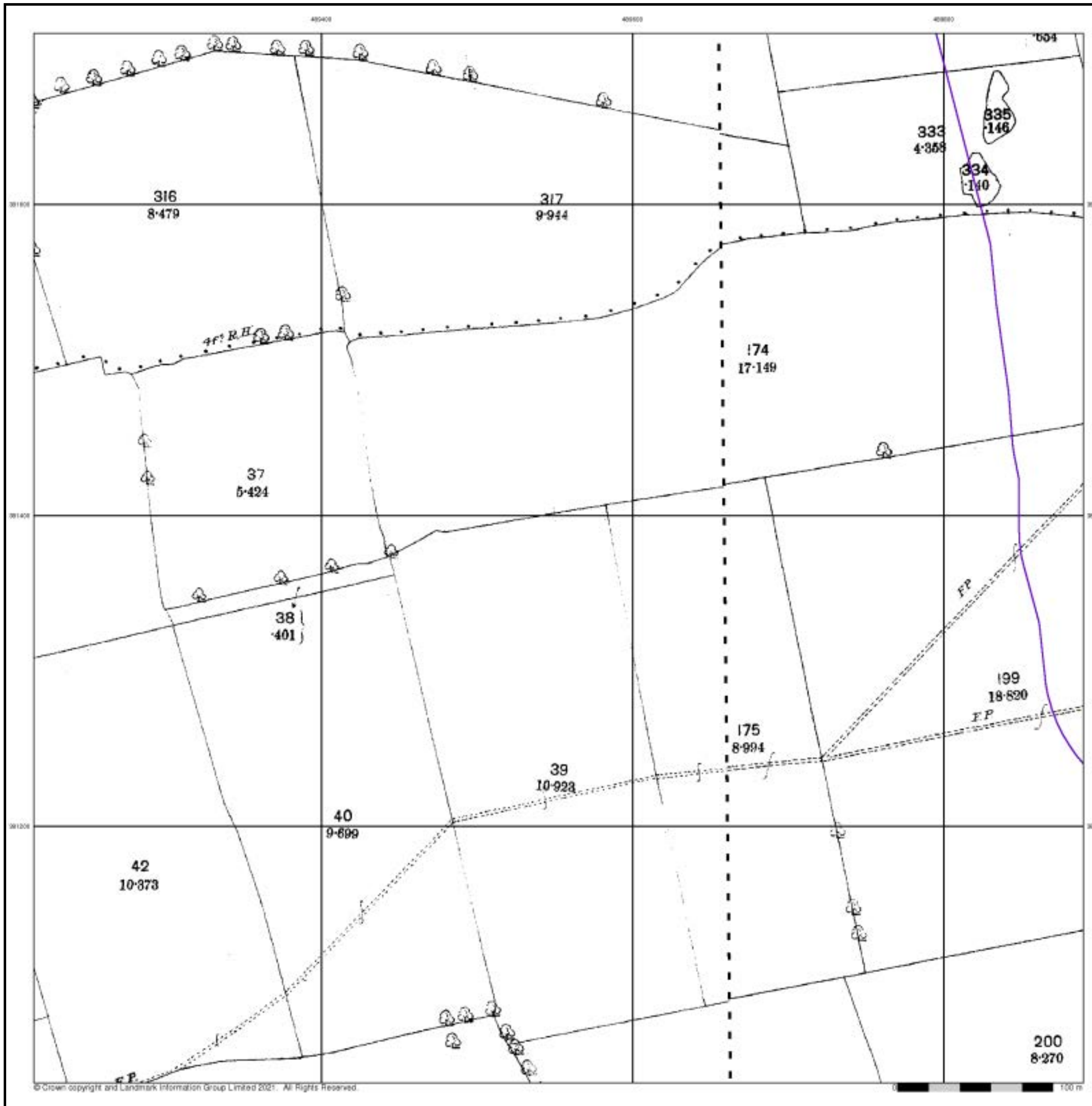


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



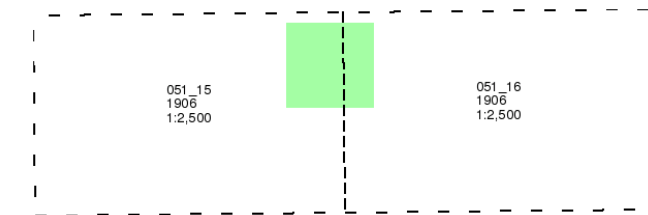
## Lincolnshire

Published 1906

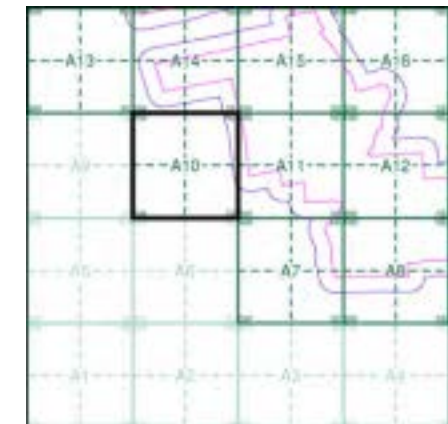
Source map scale - 1:2,500

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

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



### Historical Map - Segment A10

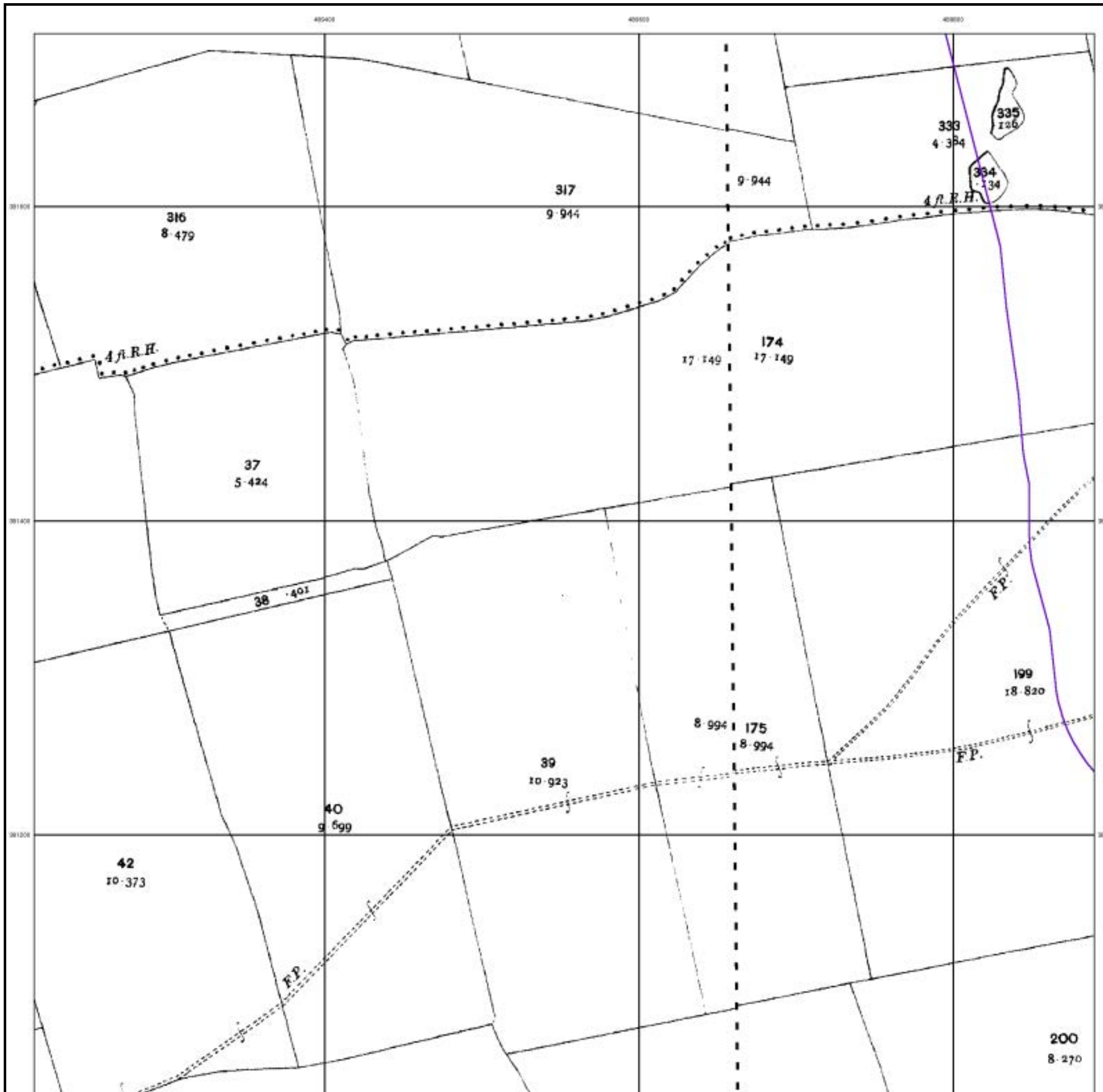


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



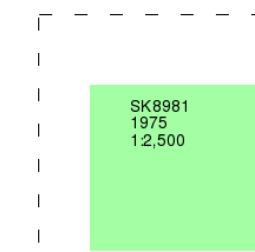
### Ordnance Survey Plan

Published 1975

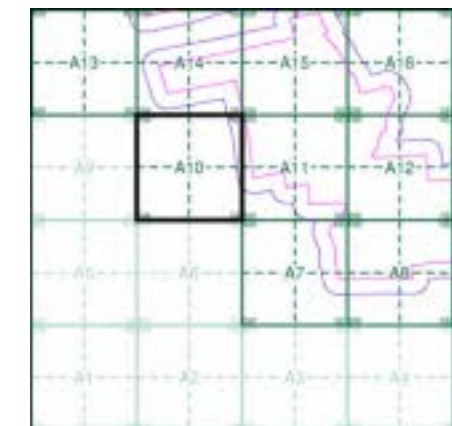
Source map scale - 1:2,500

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 A10

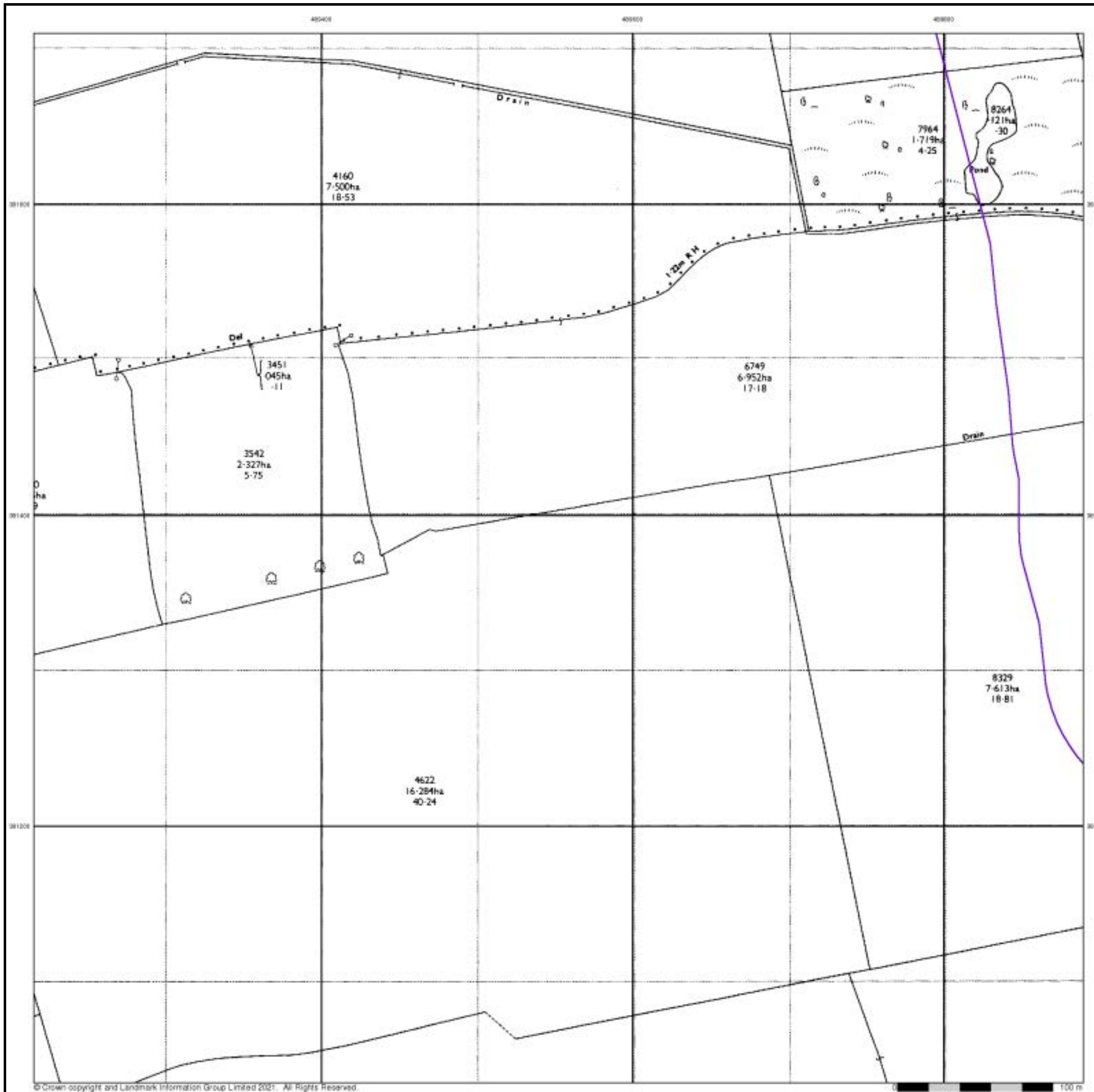


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



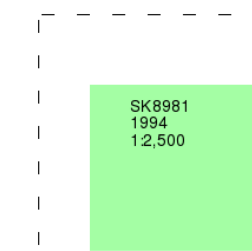
## Large-Scale National Grid Data

Published 1994

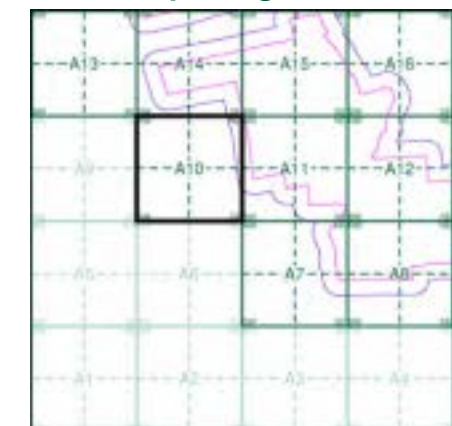
Source map scale - 1:2,500

'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 A10

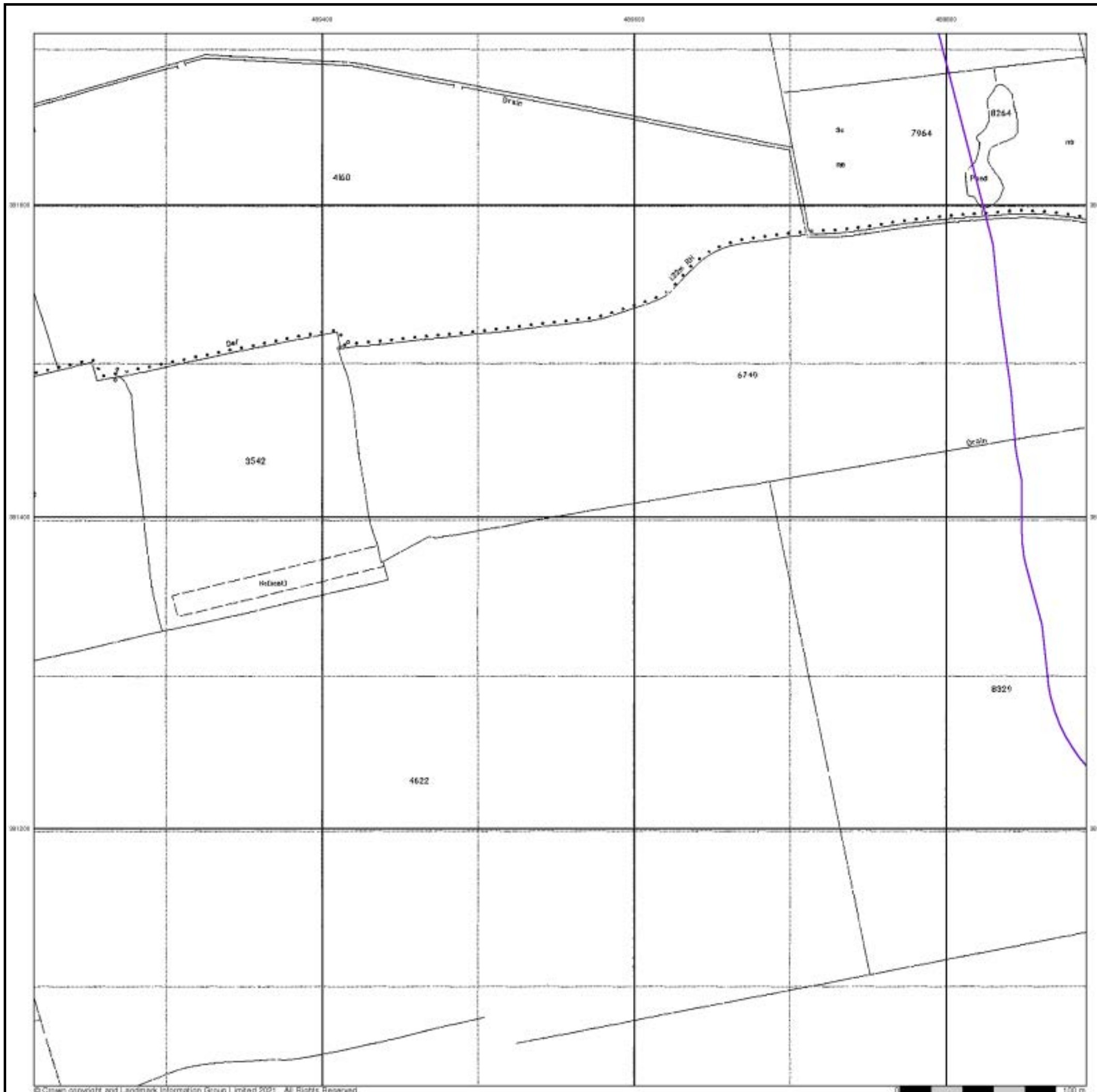


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

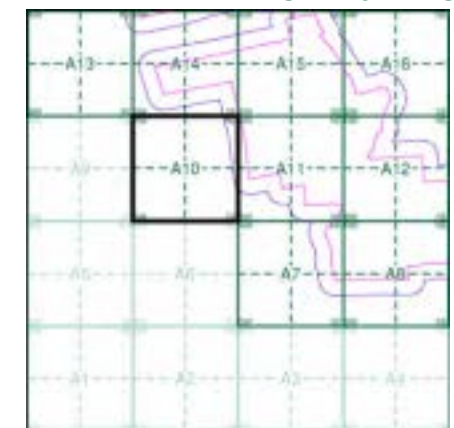


## Historical Aerial Photography

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 A10

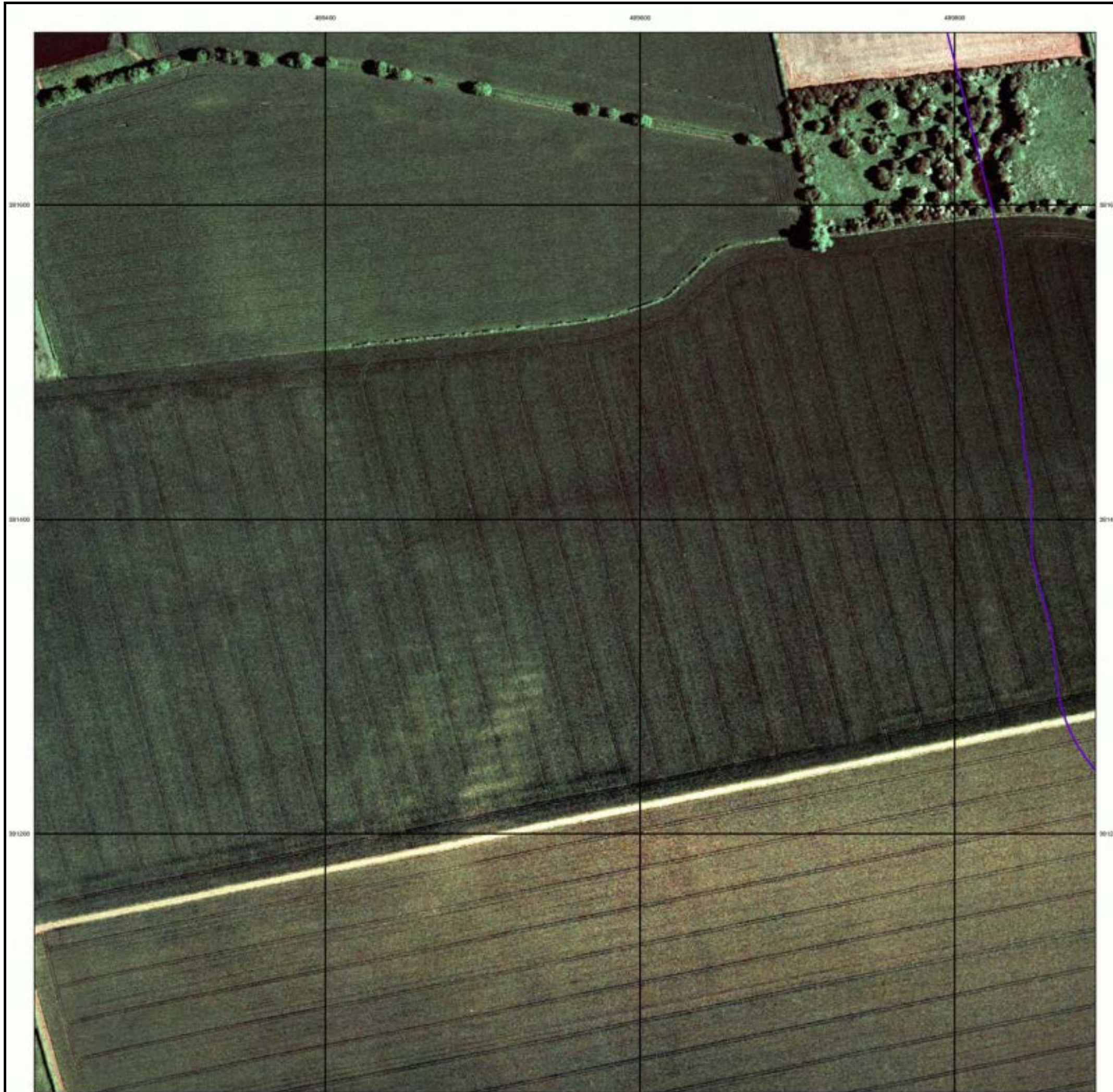


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

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

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

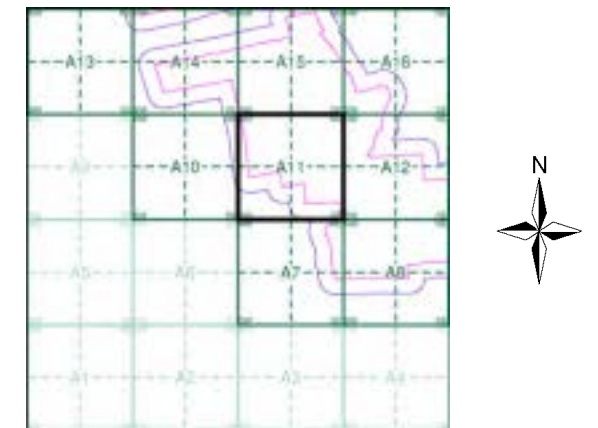
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **Bracken**  
**Coppice, Osier**   **Reeds**   **Marsh, Saltings**  
**Rough Grassland**   **Heath**   **Culvert**  
**Direction of water flow**   **Triangulation Station**   **Antiquity (site of)**  
**Electricity Transmission Line**   **Electricity Pylon**  
**BM 231.60m** Bench Mark   **Buildings with Building Seed**  
**Roofed Building**   **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks** Barracks   **P** Pillar, Pole or Post  
**Bty** Battery   **PO** Post Office  
**Cemy** Cemetery   **PC** Public Convenience  
**Chy** Chimney   **Pp** Pump  
**Cis** Cistern   **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway   **PW** Place of Worship  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1973 - 1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment A11



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

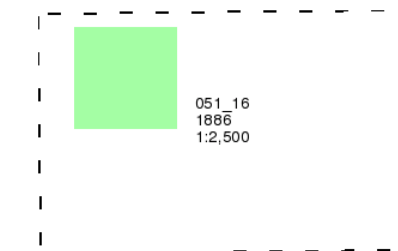
## Lincolnshire

Published 1886

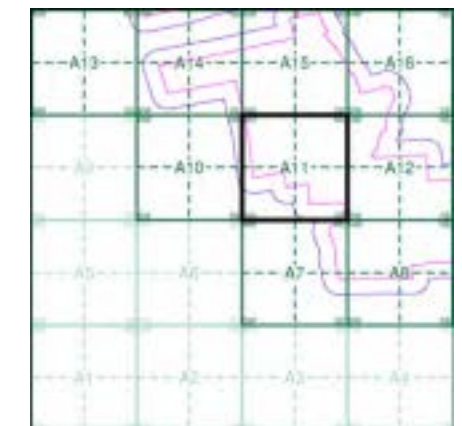
Source map scale - 1:2,500

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 A11

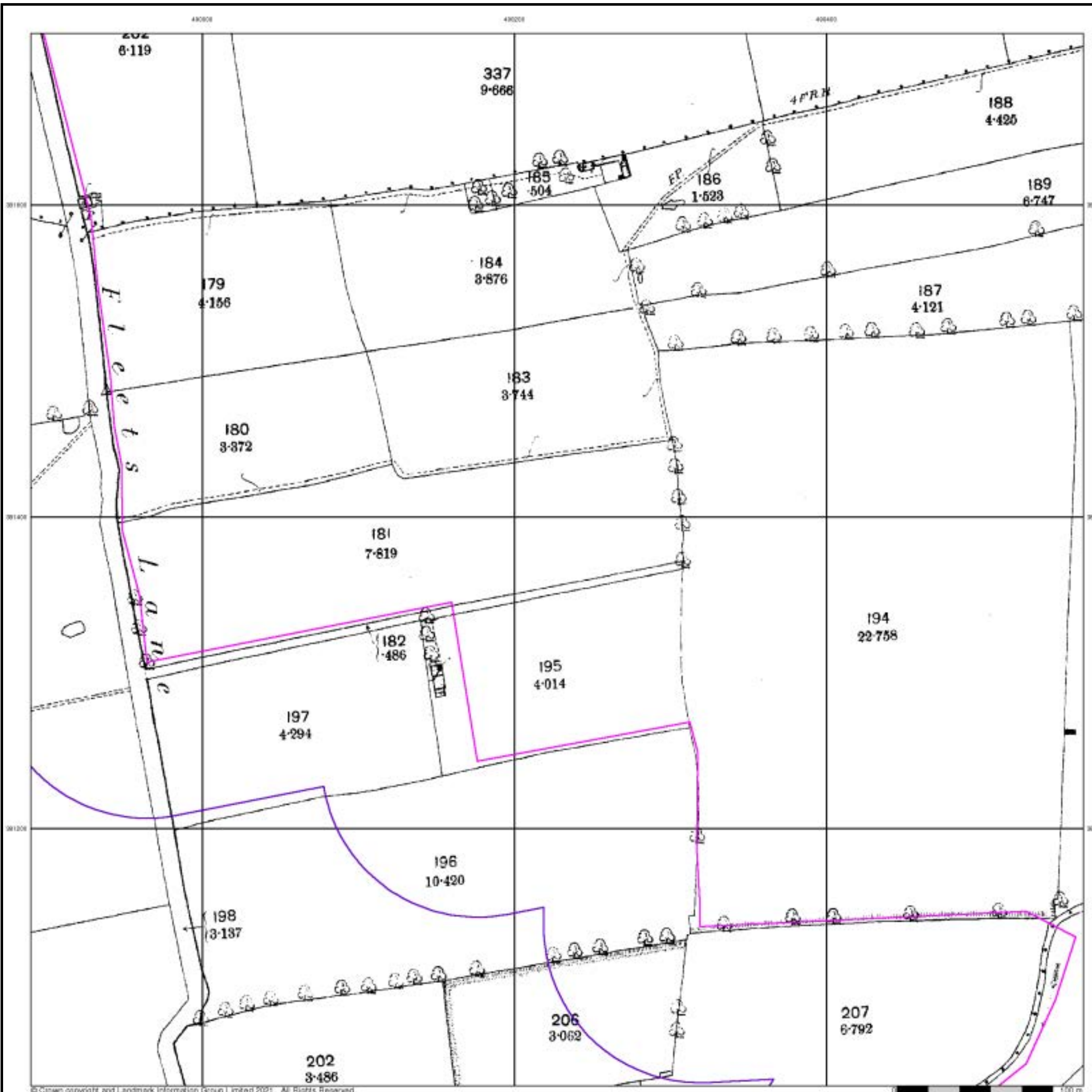


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





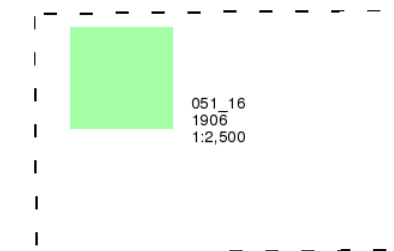
## Lincolnshire

Published 1906

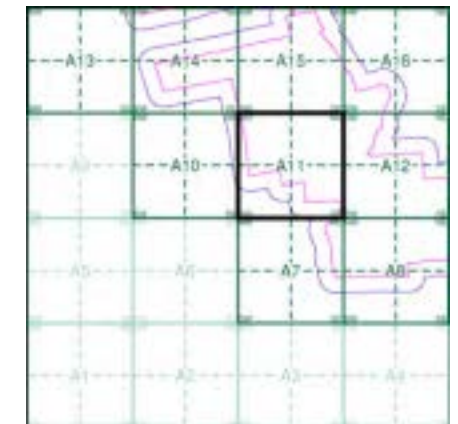
Source map scale - 1:2,500

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

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



### Historical Map - Segment A11

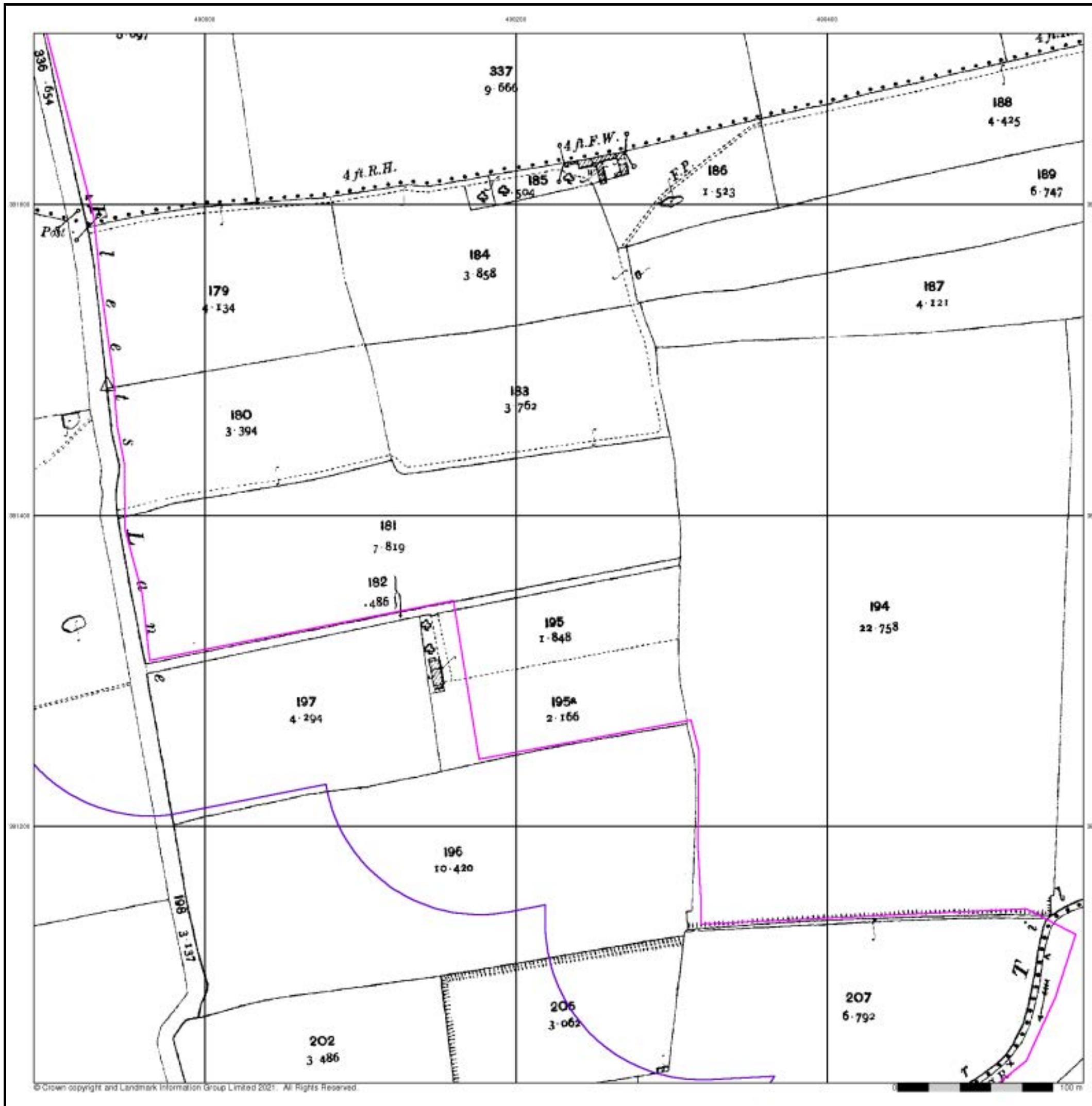


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



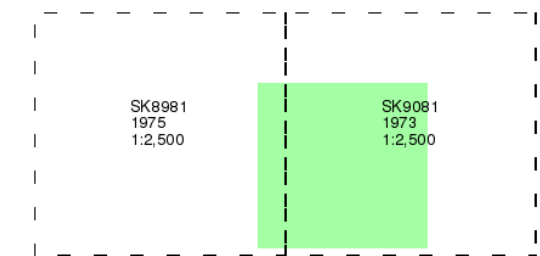
### Ordnance Survey Plan

Published 1973 - 1975

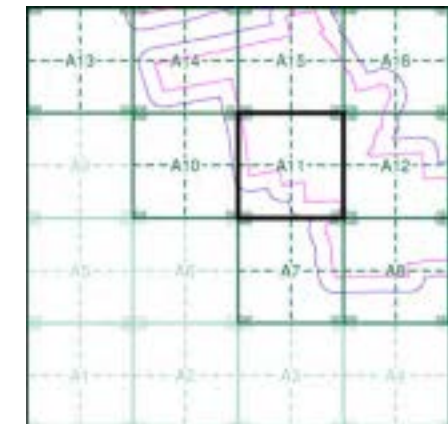
Source map scale - 1:2,500

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 A11



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



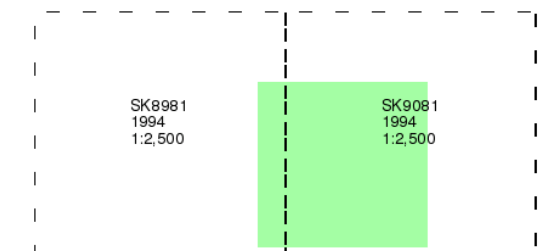
## Large-Scale National Grid Data

Published 1994

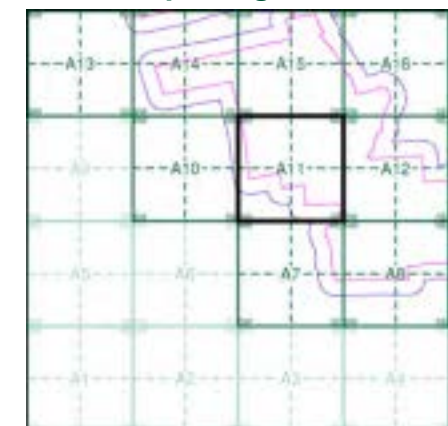
Source map scale - 1:2,500

'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 A11



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



490000 490200 490400



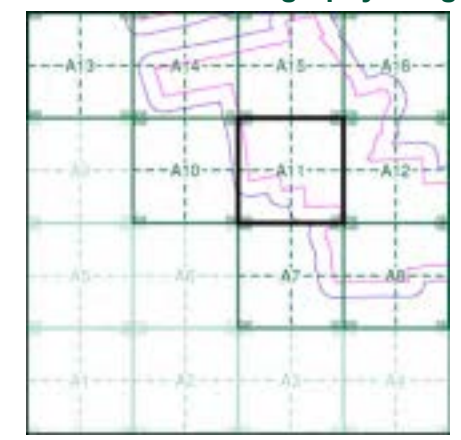
© Copyright Getmapping plc



### 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 A11



### Order Details

Order Number: 287330989\_1\_1  
Customer Ref: 21-1088.02  
National Grid Reference: 490330, 381530  
Slice: A  
Site Area (Ha): 884.45  
Search Buffer (m): 100

### Site Details

Cottam 1



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)**  
**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

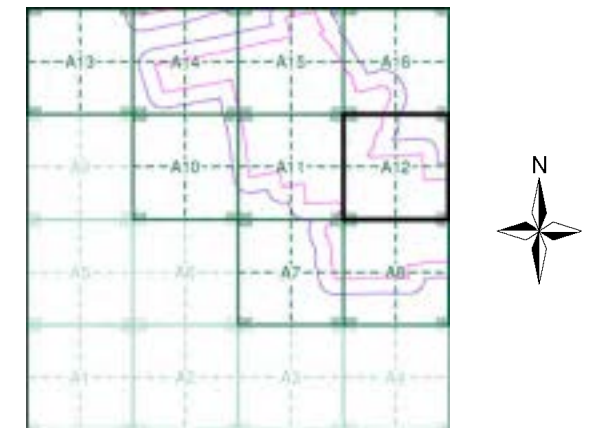
**Cliff** **Slopes** **Top**  
**Rock** **Rock (scattered)**  
**Boulders** **Boulders (scattered)**  
**Positioned Boulder** **Scree**  
**Non-Coniferous Tree (surveyed)** **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)** **Coniferous Trees (not surveyed)**  
**Orchard Tree** **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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1973	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment A12



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

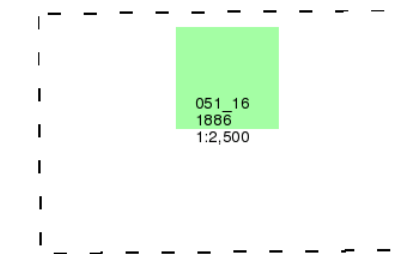
**Lincolnshire**

**Published 1886**

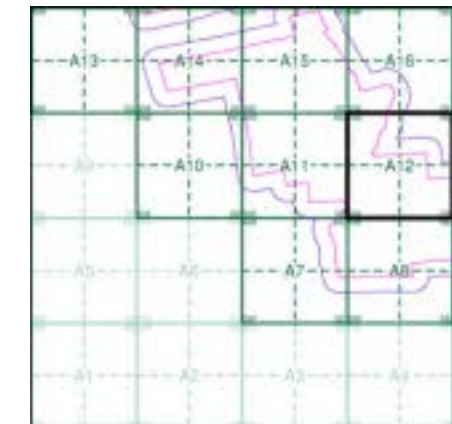
**Source map scale - 1:2,500**

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 A12**

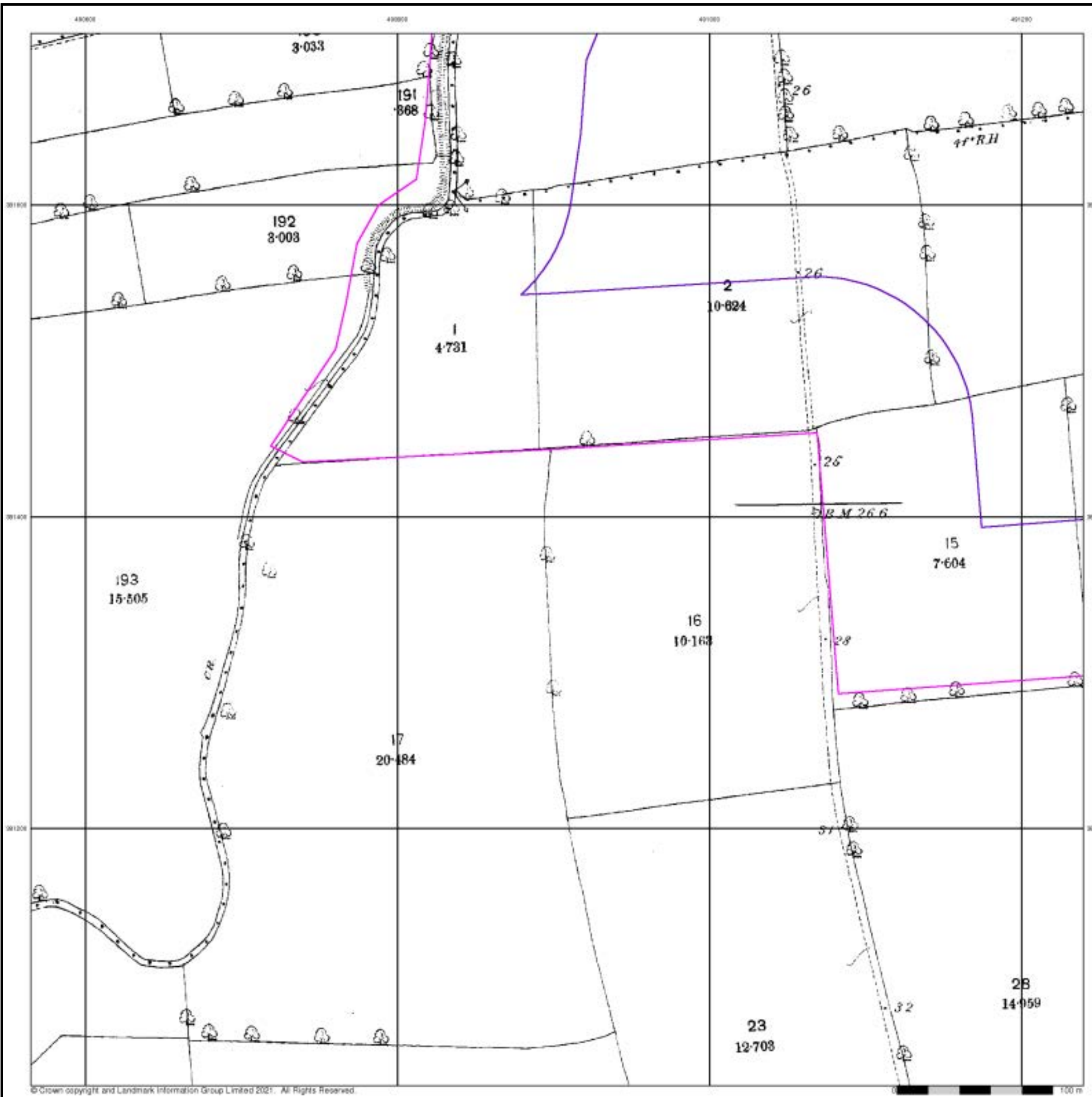


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



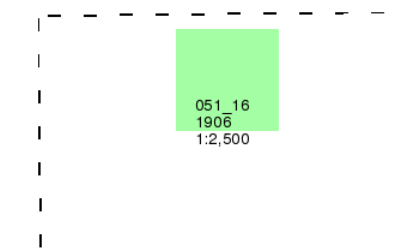
**Lincolnshire**

**Published 1906**

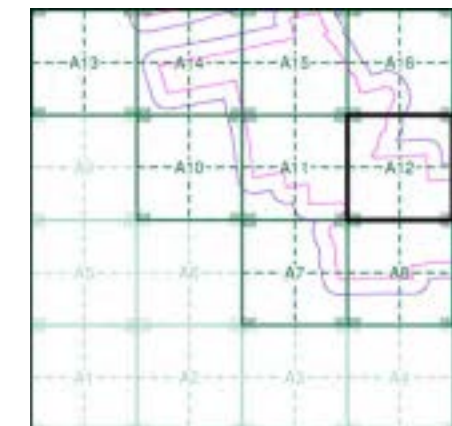
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment A12**

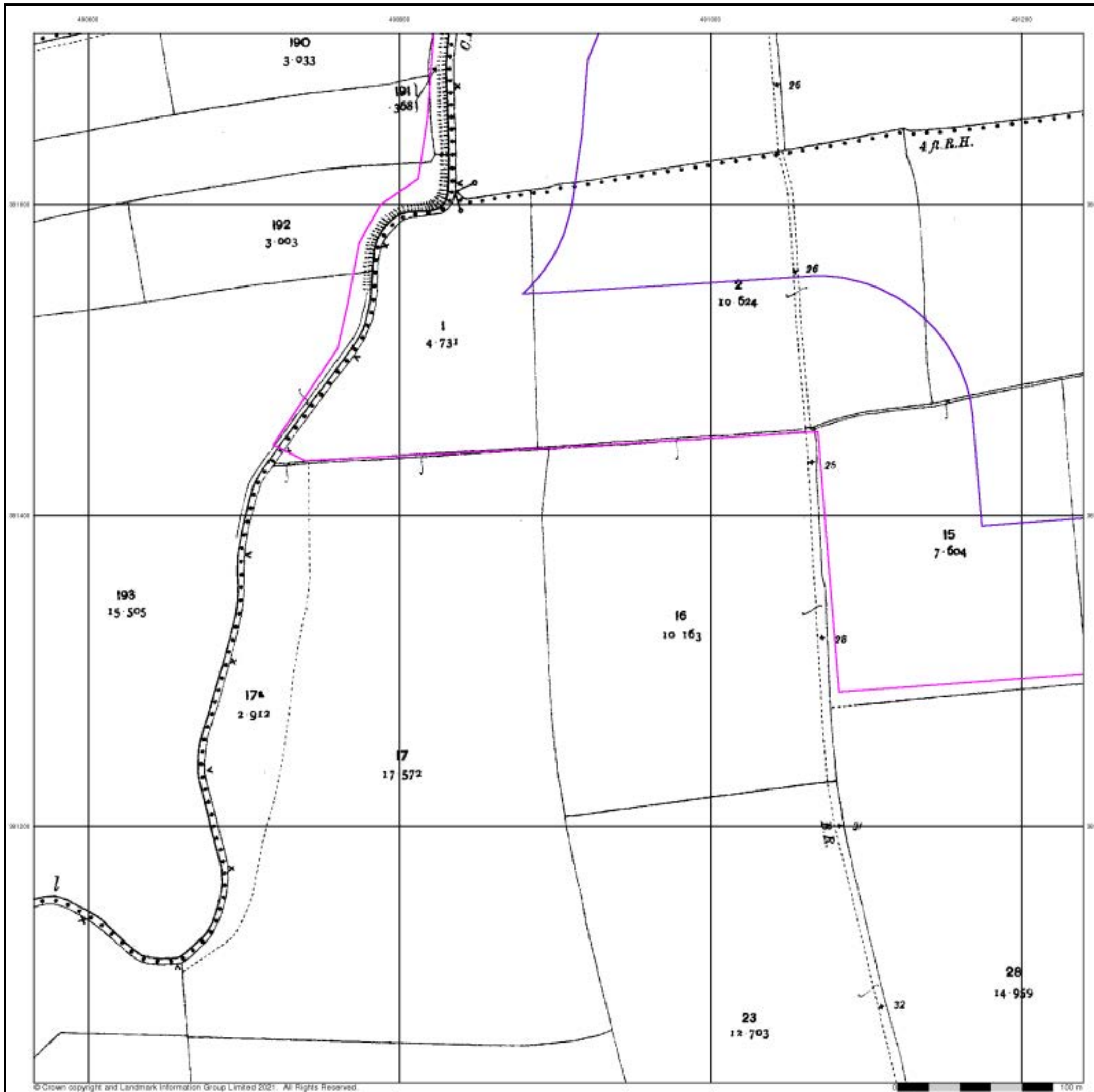


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



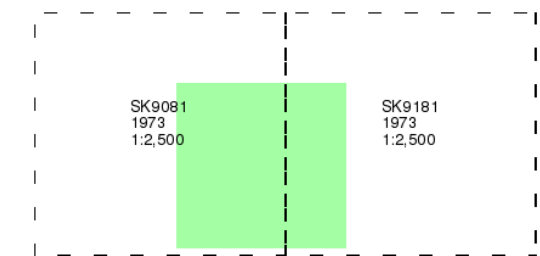
### Ordnance Survey Plan

Published 1973

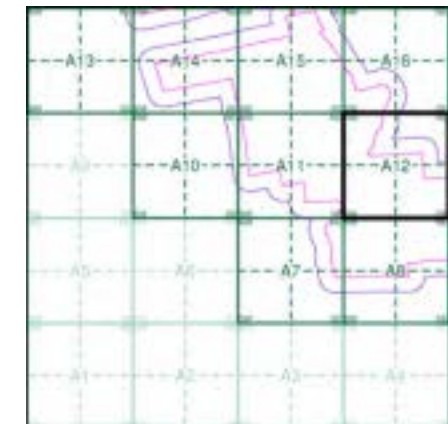
Source map scale - 1:2,500

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 A12

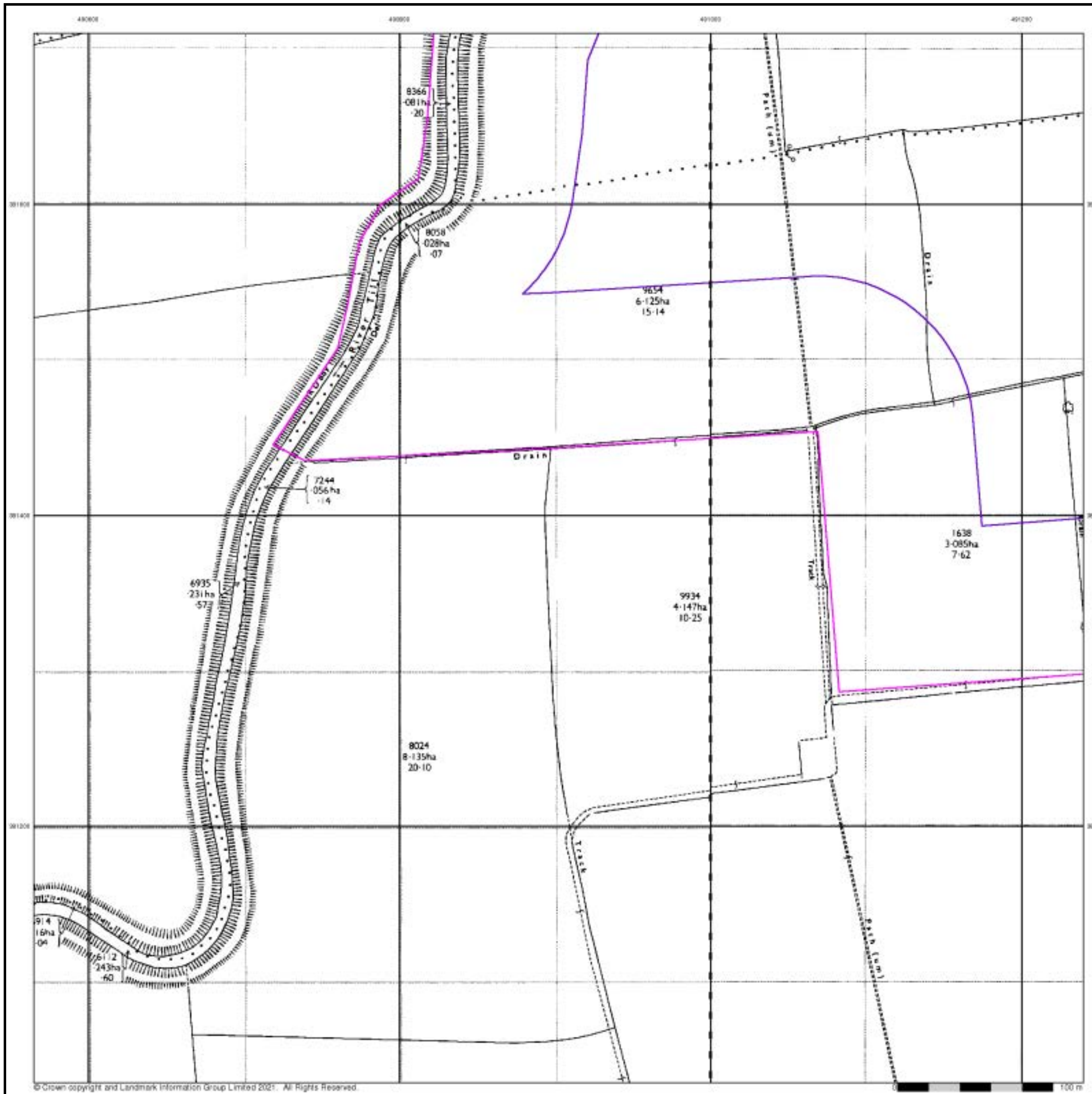


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





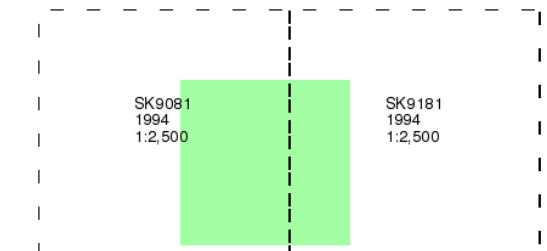
## Large-Scale National Grid Data

Published 1994

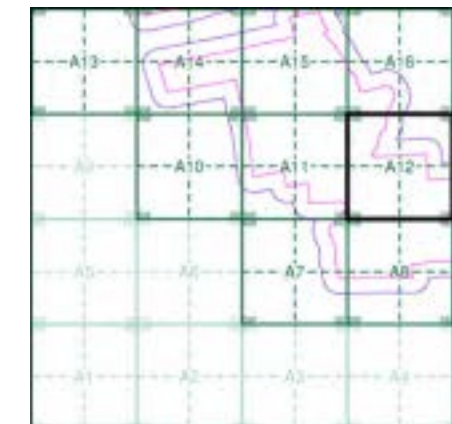
Source map scale - 1:2,500

'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 A12



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



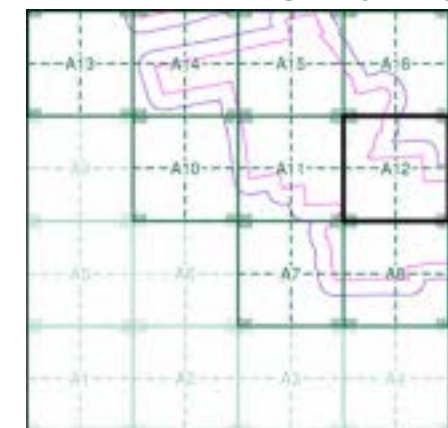
## Historical Aerial Photography

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 A12



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

# Historical Mapping Legends

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

**Quarry**   **Gravel Pit**   **Sand Pit**  
**Clay Pit**   **Shingle**   **Refuse Heap**  
**Sloping Masonry**   **Flat Rock**  
**Marsh**   **Reeds**   **Osiers**  
**Rough Pasture**   **Furze**   **Wood**  
**Mixed Wood**   **Brushwood**   **Orchard**  
**Fir**   **Ford**   **Stepping Stones**  
**Ferry**   **Waterfall**   **Lock**  
**Trig. Station**   **Altitude at Trig. Station**  
**B.M. 325.9**   **Bench Mark**   **Surface Level**  
**Arrow denotes flow of water**   **Antiquities (site of)**  
**Cutting**   **Embankment**  
**Railway crossing Road**   **Level Crossing**   **Road crossing Railway**  
**Railway crossing River or Canal**   **Road over single stream**   **Road over River or Canal**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Administrative County & Civil Parish Boundary**  
**County Borough Boundary (England)**  
**County Burgh Boundary (Scotland)**  
**Boundary Post or Stone**   **Police Call Box**  
**B.R. Bridle Road**   **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**  
**Beer House**   **Pillar, Pole or Post**  
**Boundary Post or Stone**   **Post Office**  
**Capstan, Crane**   **Public Convenience**  
**Chimney**   **Public House**  
**Drinking Fountain**   **Pump**  
**Electricity Pillar or Post**   **Signal Box or Bridge**  
**Fire Alarm Pillar**   **Signal Post or Light**  
**Foot Bridge**   **Spring**  
**Guide Post**   **Tank or Track**  
**Hydrant or Hydraulic**   **Telephone Call Box**  
**Level Crossing**   **Telephone Call Post**  
**Manhole**   **Trough**  
**Mile Post or Mooring Post**   **Water Point, Water Tap**  
**Mile Stone**   **Well**  
**Normal Tidal Limit**   **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**  
**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)**  
**Barracks**   **Pillar, Pole or Post**  
**Battery**   **Post Office**  
**Cemetery**   **Public Convenience**  
**Chimney**   **Pump**  
**Cistern**   **Pumping Station**  
**Dismtd Rly**   **Place of Worship**  
**Electricity Generating Station**   **Sewage Pumping Station**  
**Electricity Pole, Pillar**   **Signal Box or Bridge**  
**Electricity Sub Station**   **Signal Post or Light**  
**Filter Bed**   **Spring**  
**Fountain / Drinking Ftn.**   **Tank or Track**  
**Gas Valve Compound**   **Trough**  
**Gas Governor**   **Wind Pump**  
**Guide Post**   **Water Point, Water Tap**  
**Manhole**   **Works (building or area)**  
**Mile Post or Mile Stone**   **Well**



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment A13



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



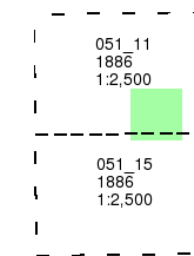
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

**Lincolnshire**  
**Published 1886**

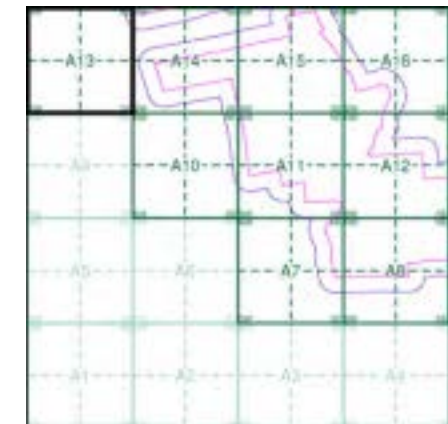
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**

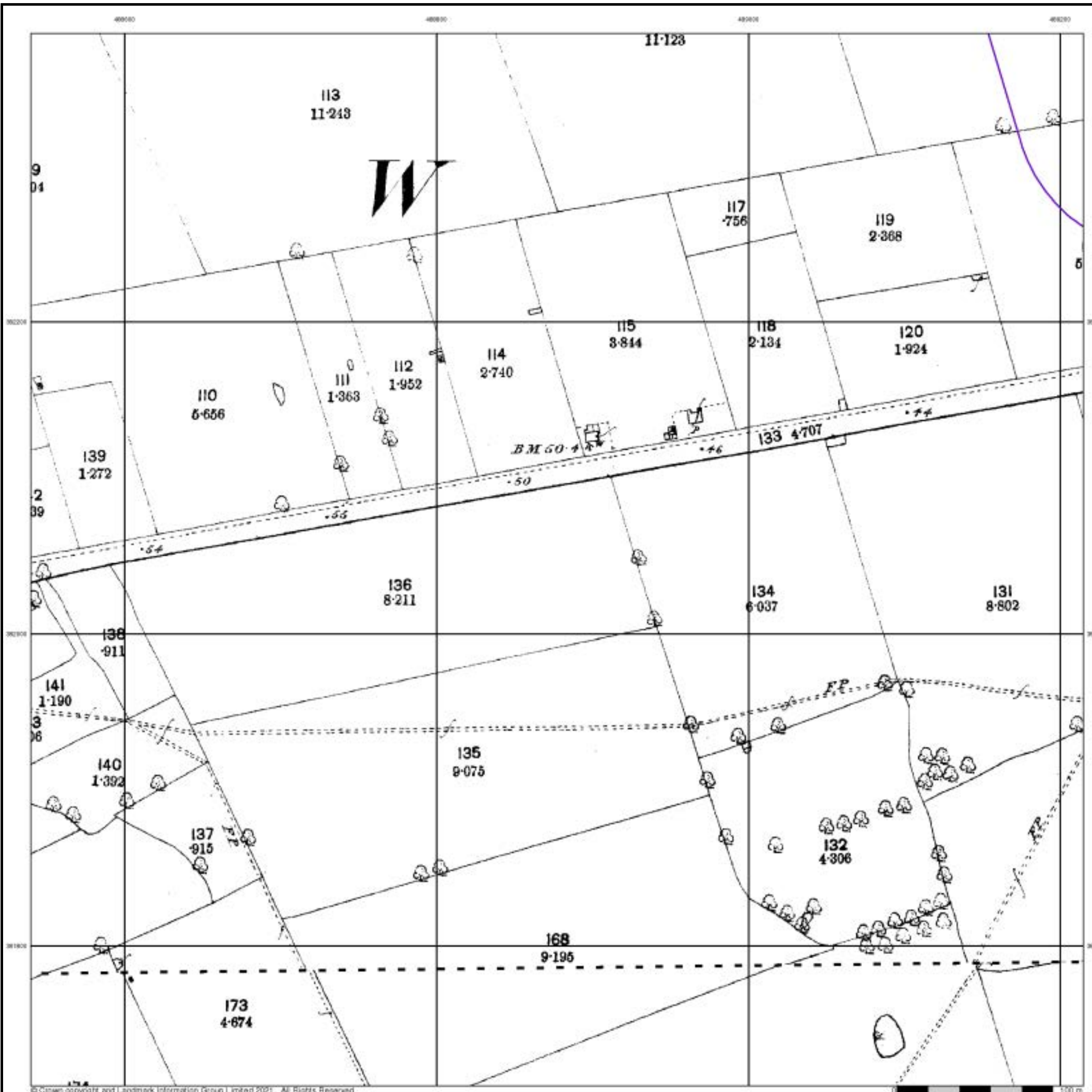


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



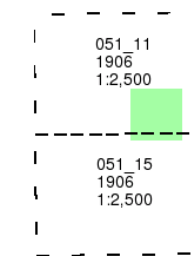
**Lincolnshire**

**Published 1906**

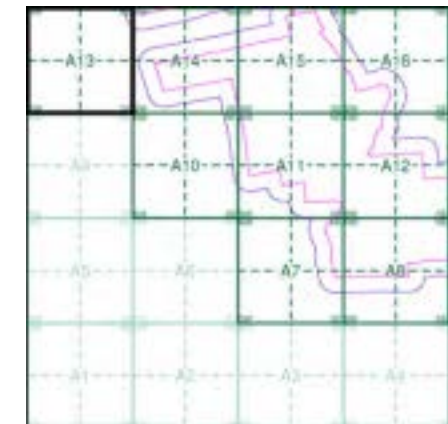
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**

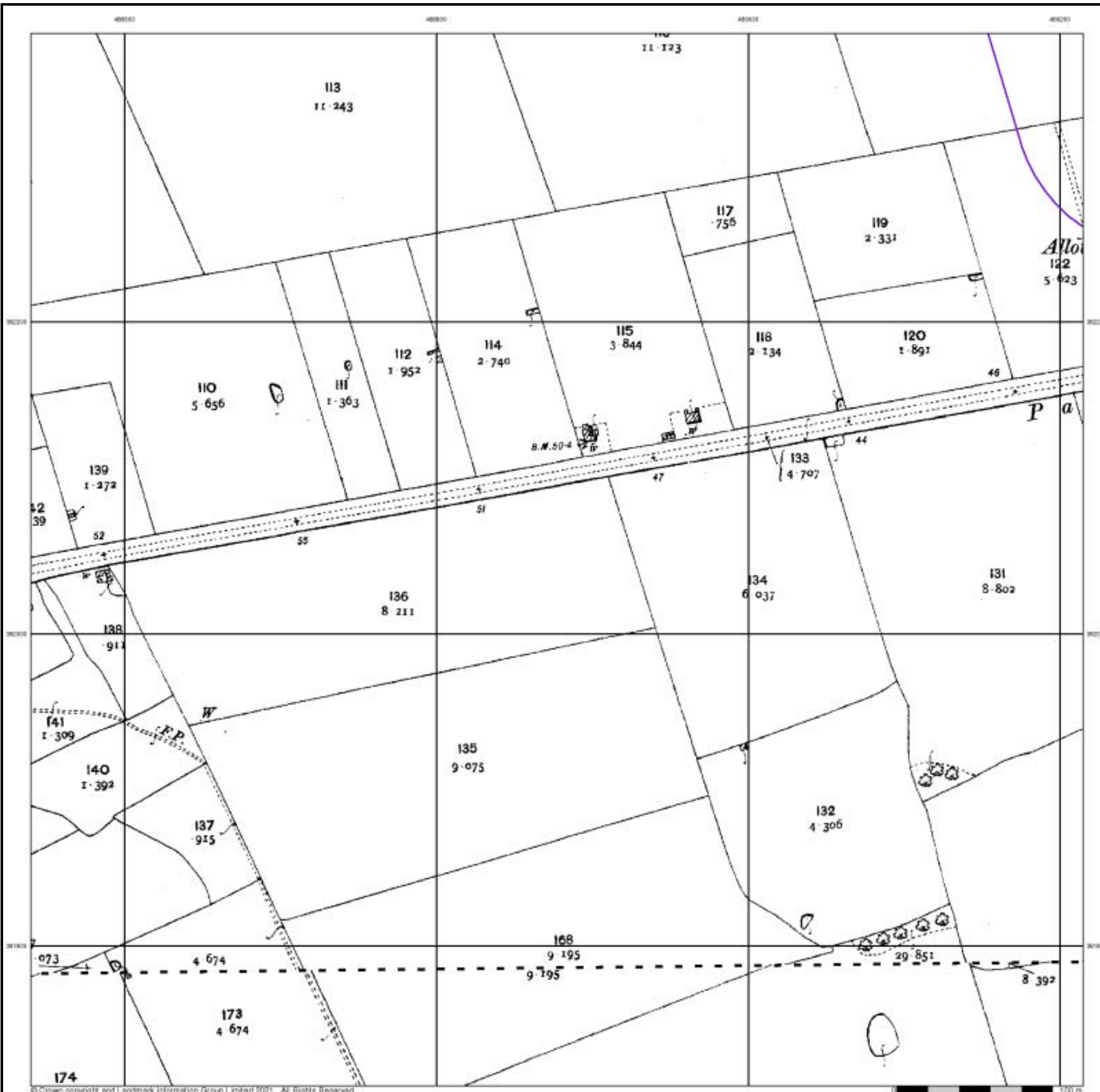


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Ordnance Survey Plan

Published 1975

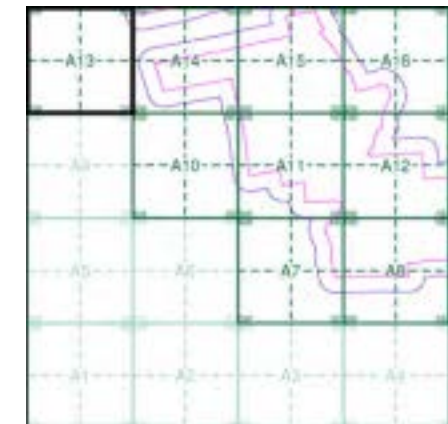
Source map scale - 1:2,500

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)

SK8882 1975 12,500	SK8982 1975 12,500
SK8881 1975 12,500	SK8981 1975 12,500

### Historical Map - Segment A13

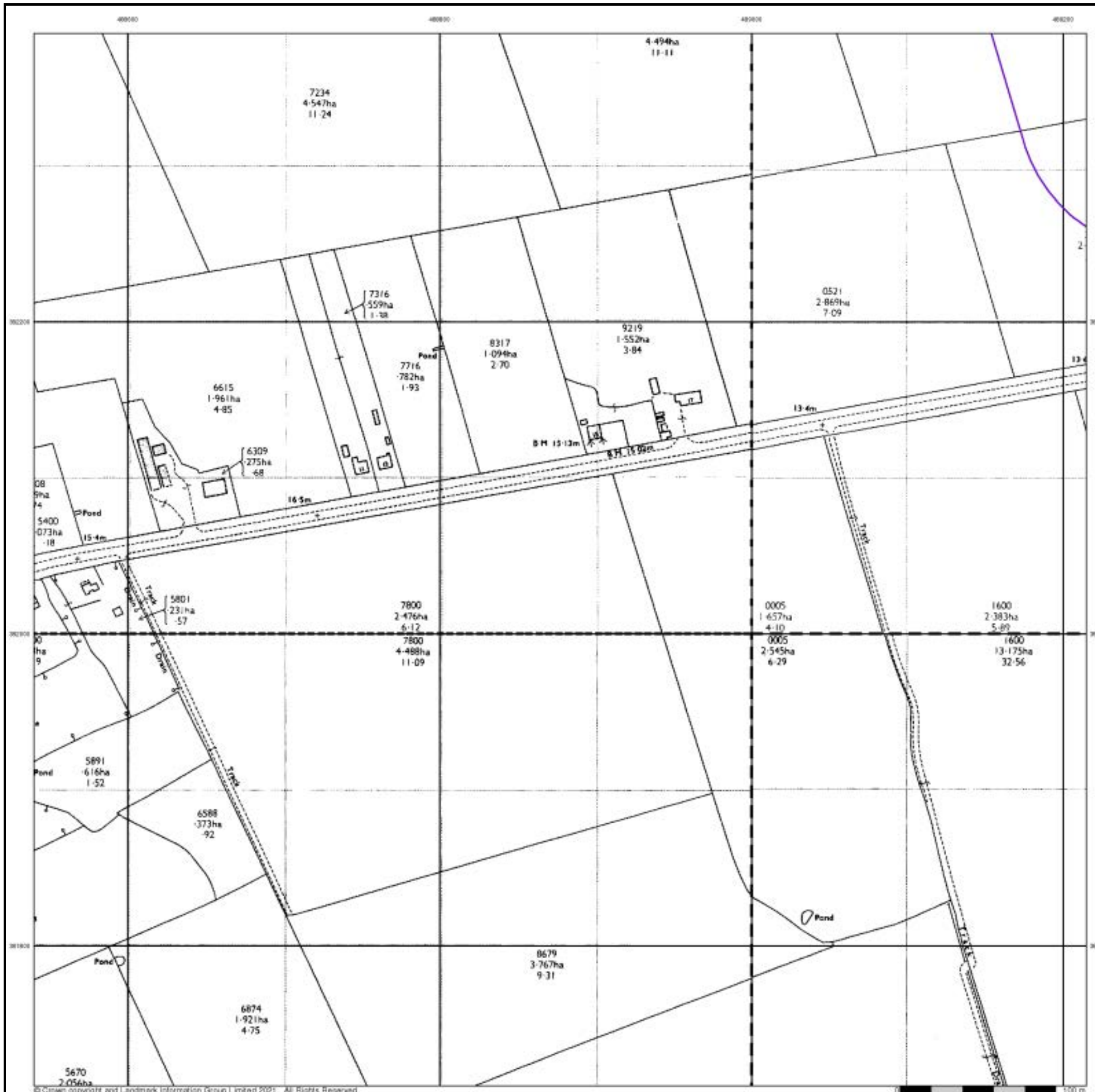


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

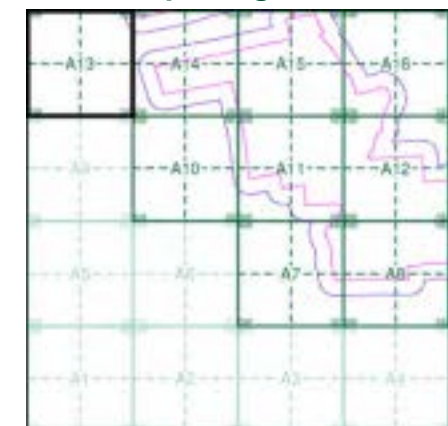
Source map scale - 1:2,500

'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)

SK8882	SK8982
1994	1994
12,500	12,500
SK8881	SK8981
1994	1994
12,500	12,500

### Historical Map - Segment A13

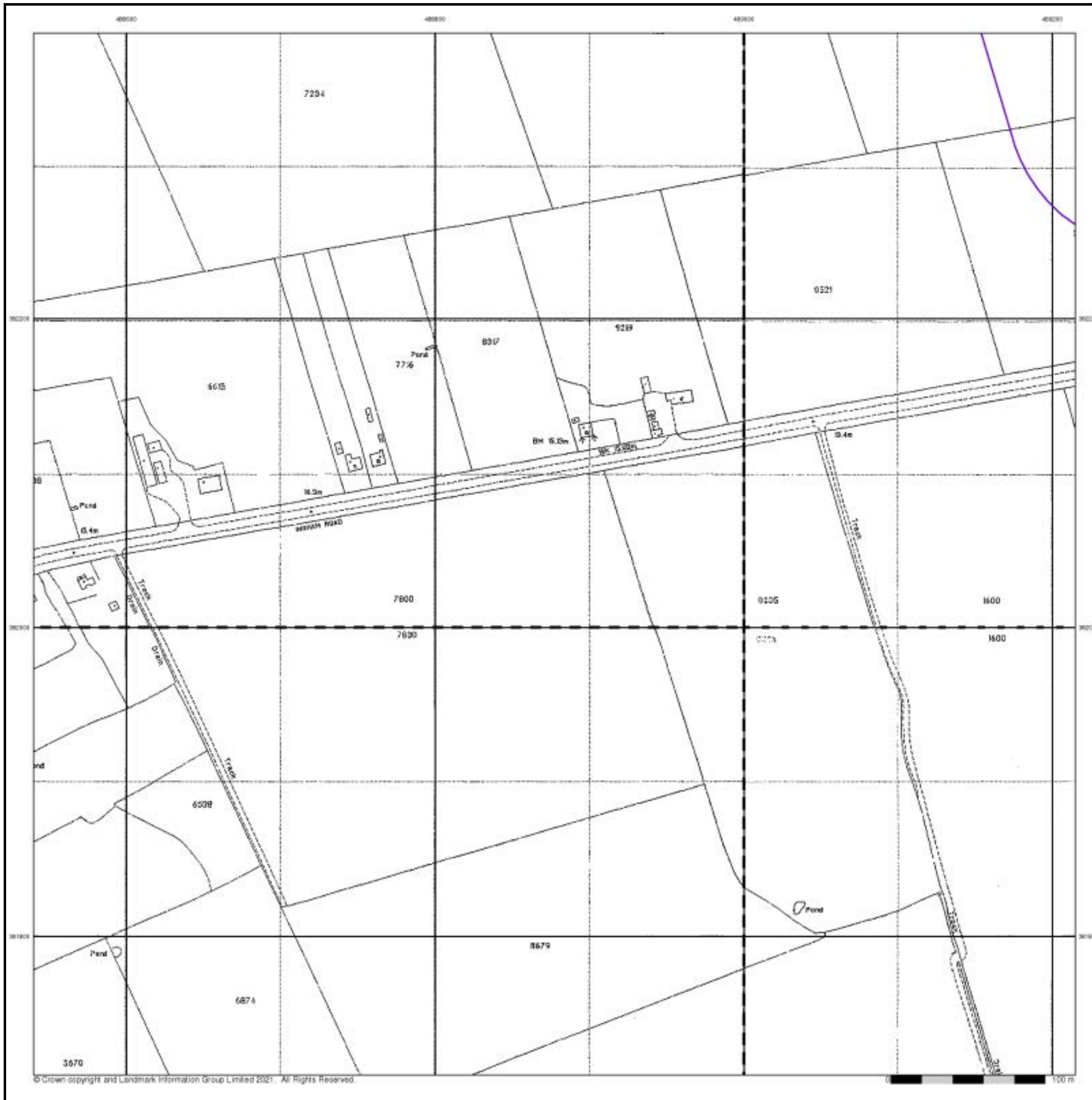


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

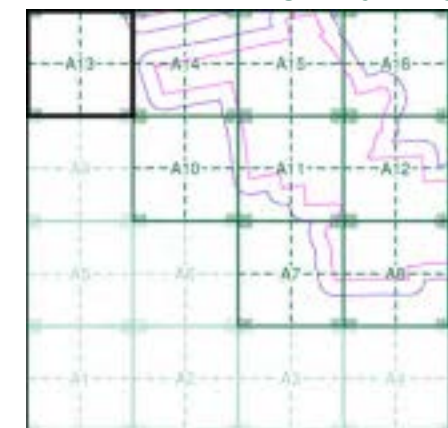


## Historical Aerial Photography

Published 1999

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

### Historical Aerial Photography - Segment A13



#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1





# Historical Mapping Legends

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

**Quarry**   **Gravel Pit**   **Sand Pit**  
**Clay Pit**   **Shingle**   **Refuse Heap**  
**Sloping Masonry**   **Flat Rock**  
**Marsh**   **Reeds**   **Osiers**  
**Rough Pasture**   **Furze**   **Wood**  
**Mixed Wood**   **Brushwood**   **Orchard**  
**Fir**   **Ford**   **Stepping Stones**  
**Ferry**   **Waterfall**   **Lock**  
**Trig. Station**   **Altitude at Trig. Station**  
**B.M. 325.9**   **Bench Mark**   **Surface Level**  
**Arrow denotes flow of water**   **Antiquities (site of)**  
**Cutting**   **Embankment**  
**Railway crossing Road**   **Level Crossing**   **Road crossing Railway**  
**Railway crossing River or Canal**   **Road over single stream**   **Road over River or Canal**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Administrative County & Civil Parish Boundary**  
**County Borough Boundary (England)**  
**County Burgh Boundary (Scotland)**  
**Boundary Post or Stone**   **Police Call Box**  
**B.R. Bridle Road**   **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

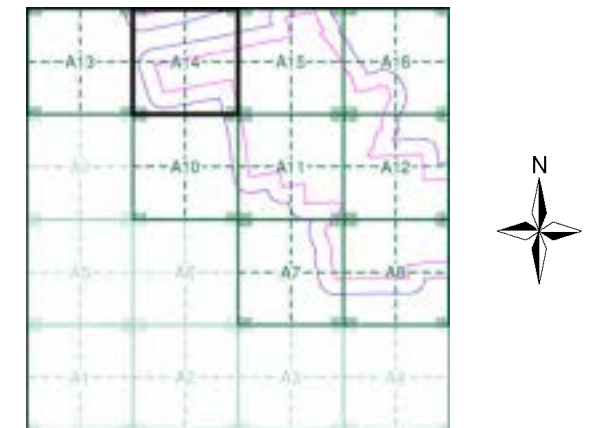
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment A14



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

**Lincolnshire**  
**Published 1886**

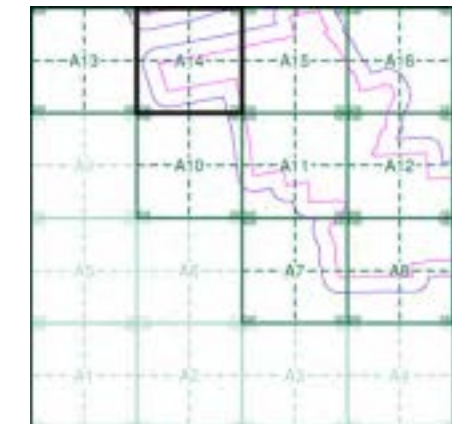
**Source map scale - 1:2,500**

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)**

051_11 1886 1:2,500	051_12 1886 1:2,500
051_15 1886 1:2,500	051_16 1886 1:2,500

**Historical Map - Segment A14**

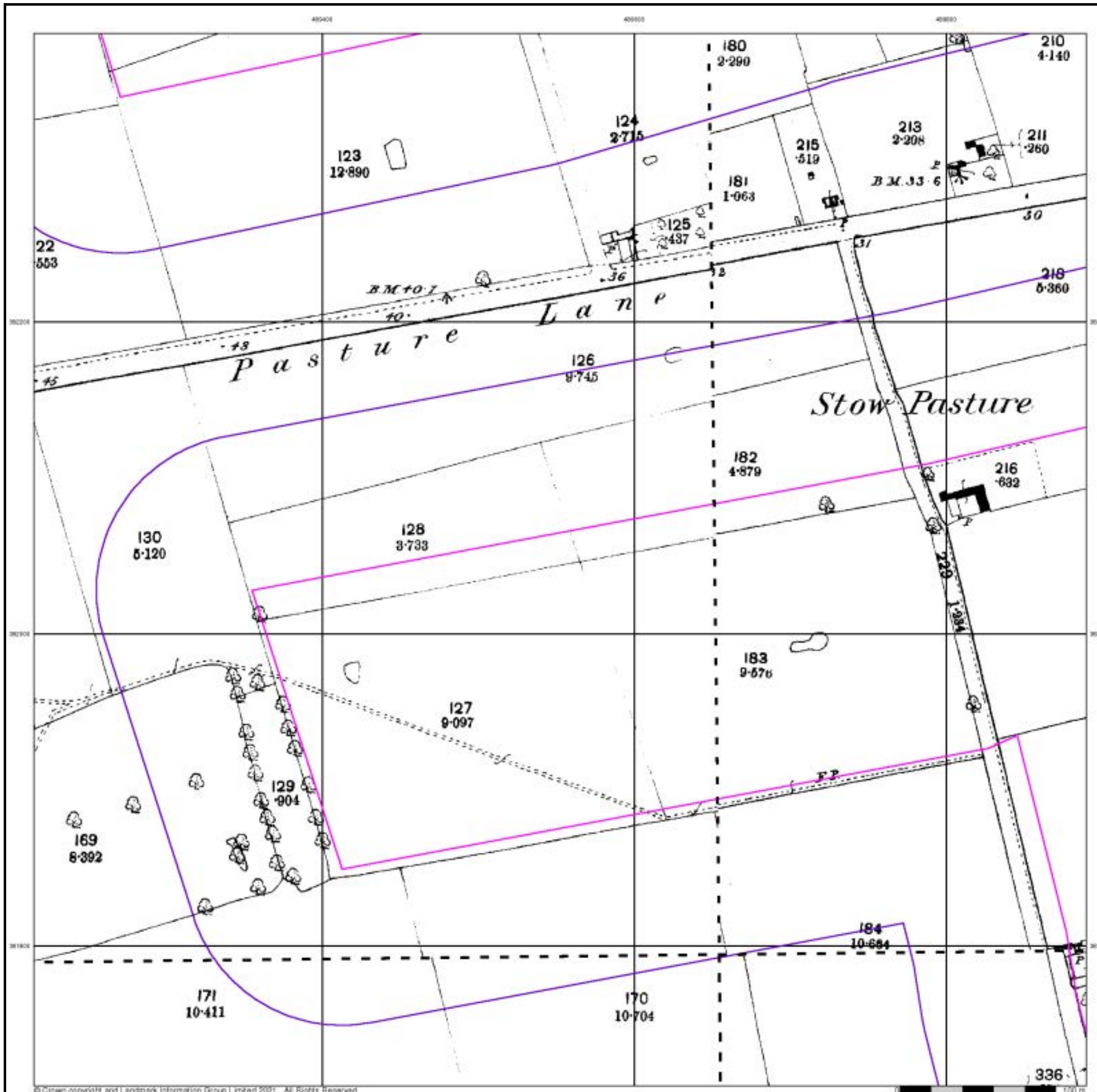


**Order Details**

Order Number: 287330989\_1\_1  
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 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Lincolnshire

Published 1906

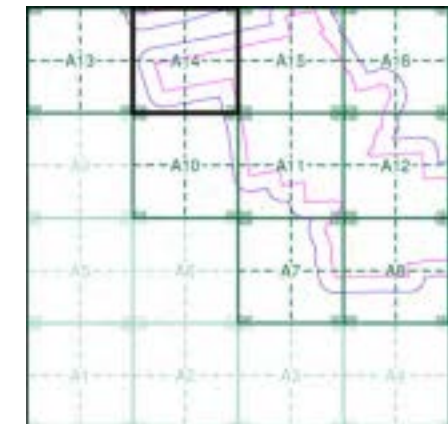
Source map scale - 1:2,500

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

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

051_11 1906 1:2,500	051_12 1906 1:2,500
051_15 1906 1:2,500	051_16 1906 1:2,500

### Historical Map - Segment A14

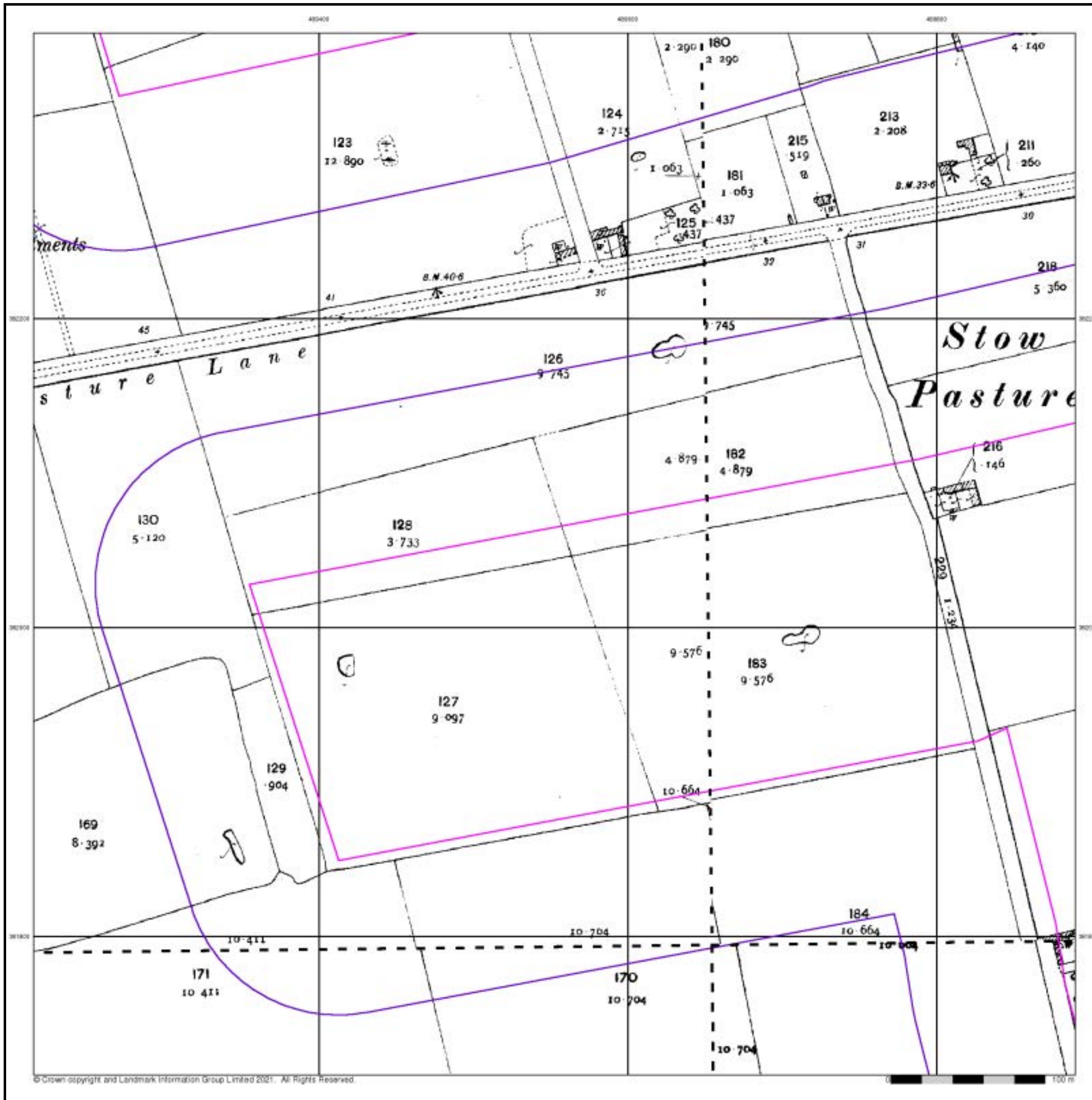


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



### Ordnance Survey Plan

Published 1975

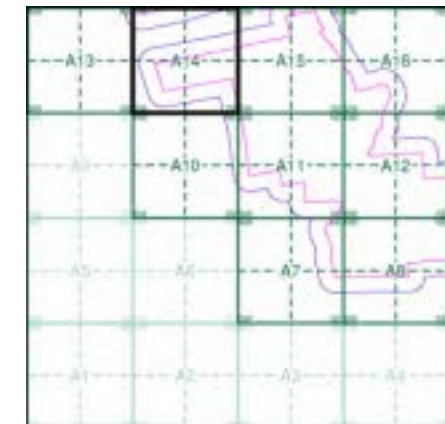
Source map scale - 1:2,500

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)

SK8982	1975	1:2,500
SK8981	1975	1:2,500

### Historical Map - Segment A14

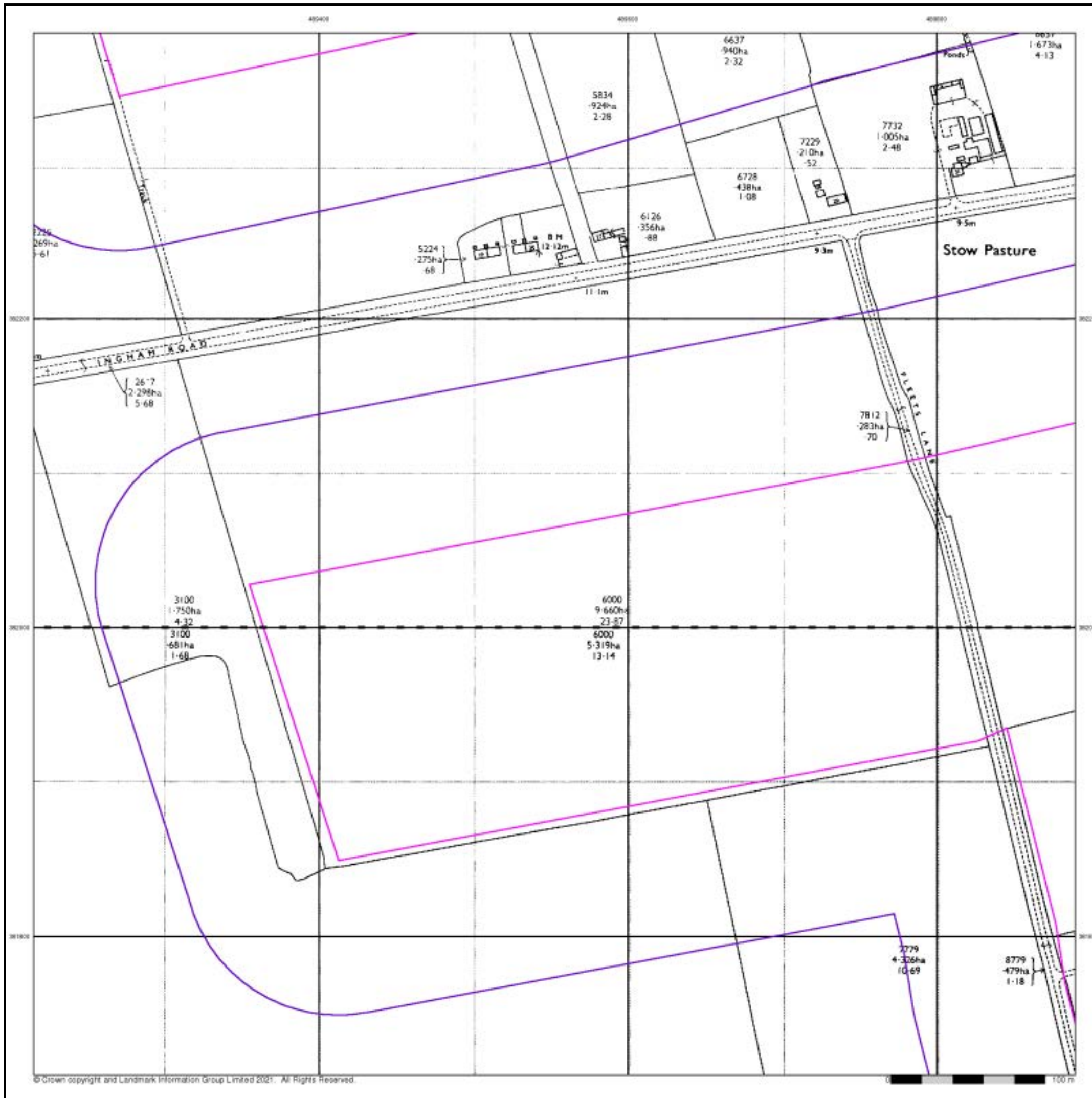


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

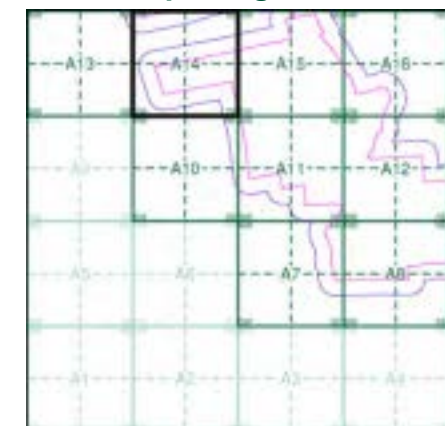
Source map scale - 1:2,500

'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)

SK8982	1994	1:2,500
SK8981	1994	1:2,500

### Historical Map - Segment A14

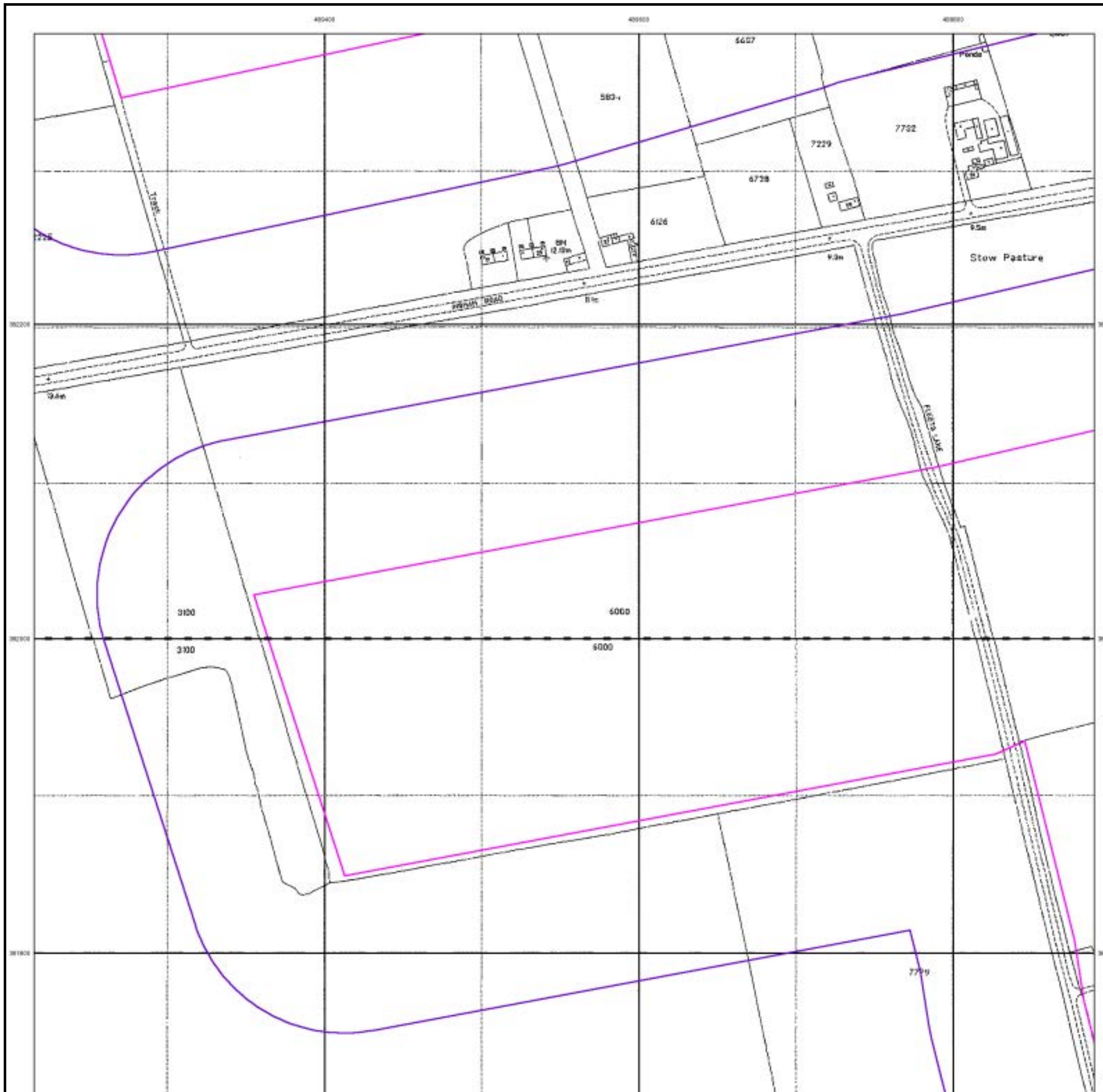


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

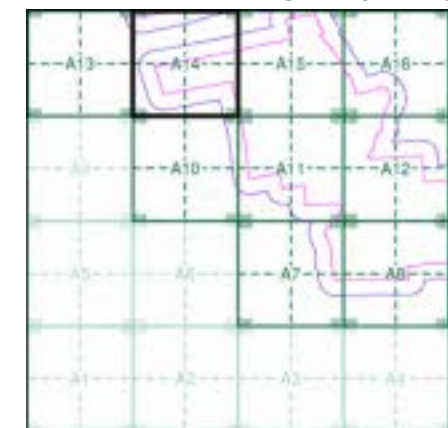
Cottam 1



## 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 A14

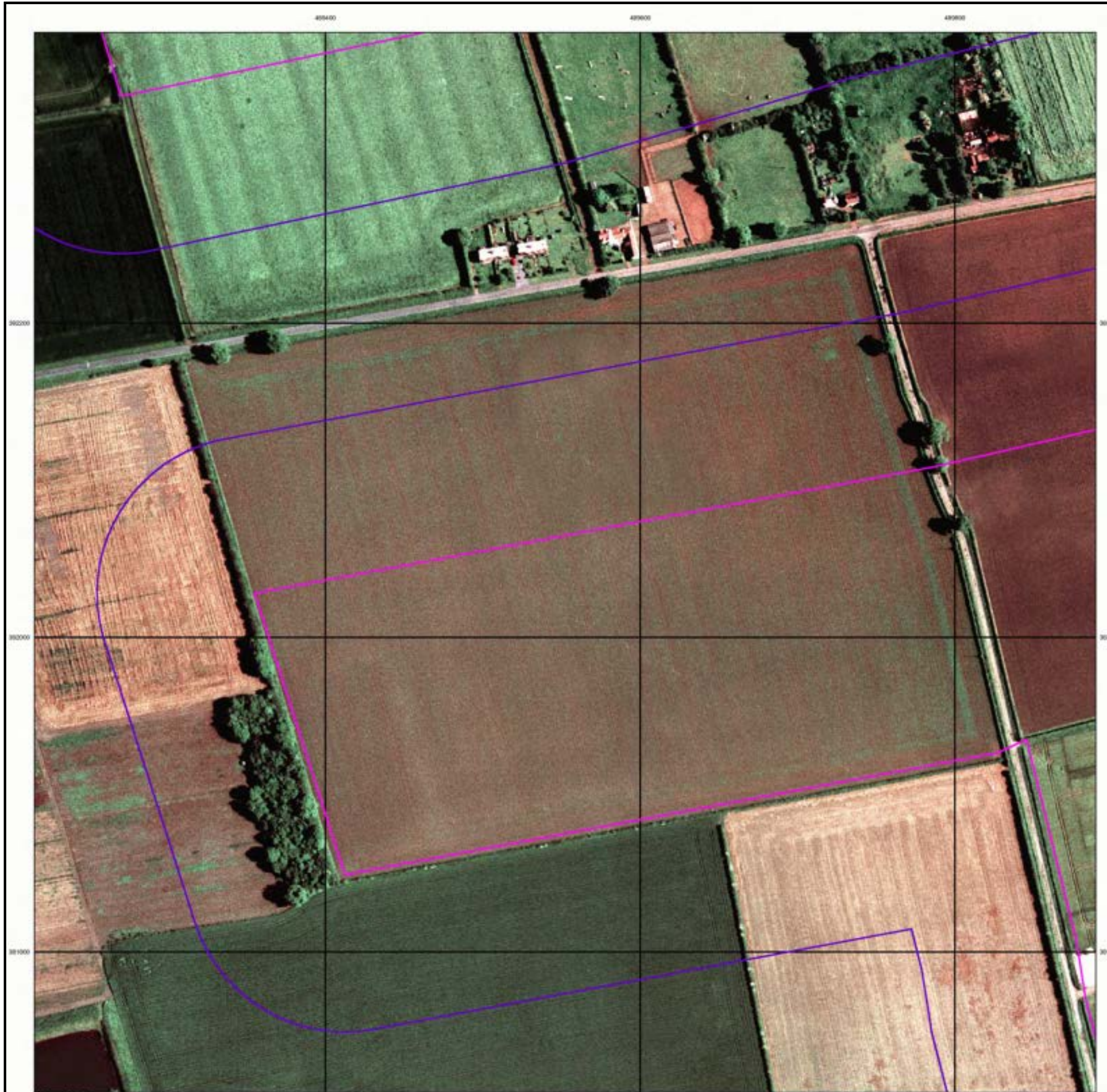


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

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

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

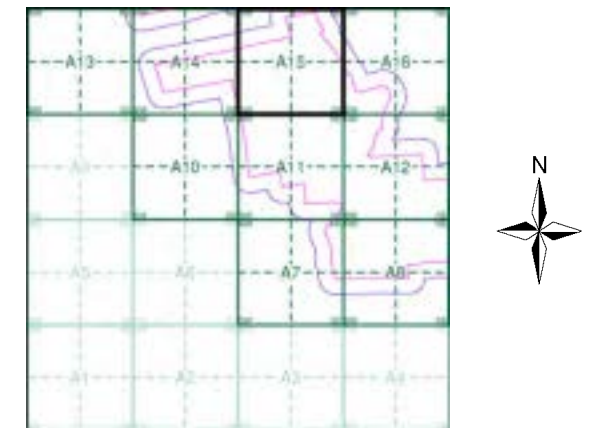
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1973 - 1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment A15



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

## Lincolnshire

Published 1886

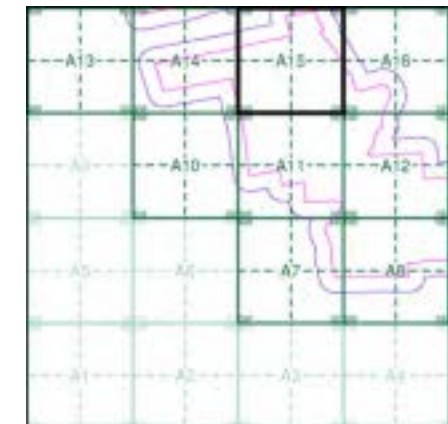
Source map scale - 1:2,500

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)

051_12	1886	1:2,500
051_16	1886	1:2,500

### Historical Map - Segment A15

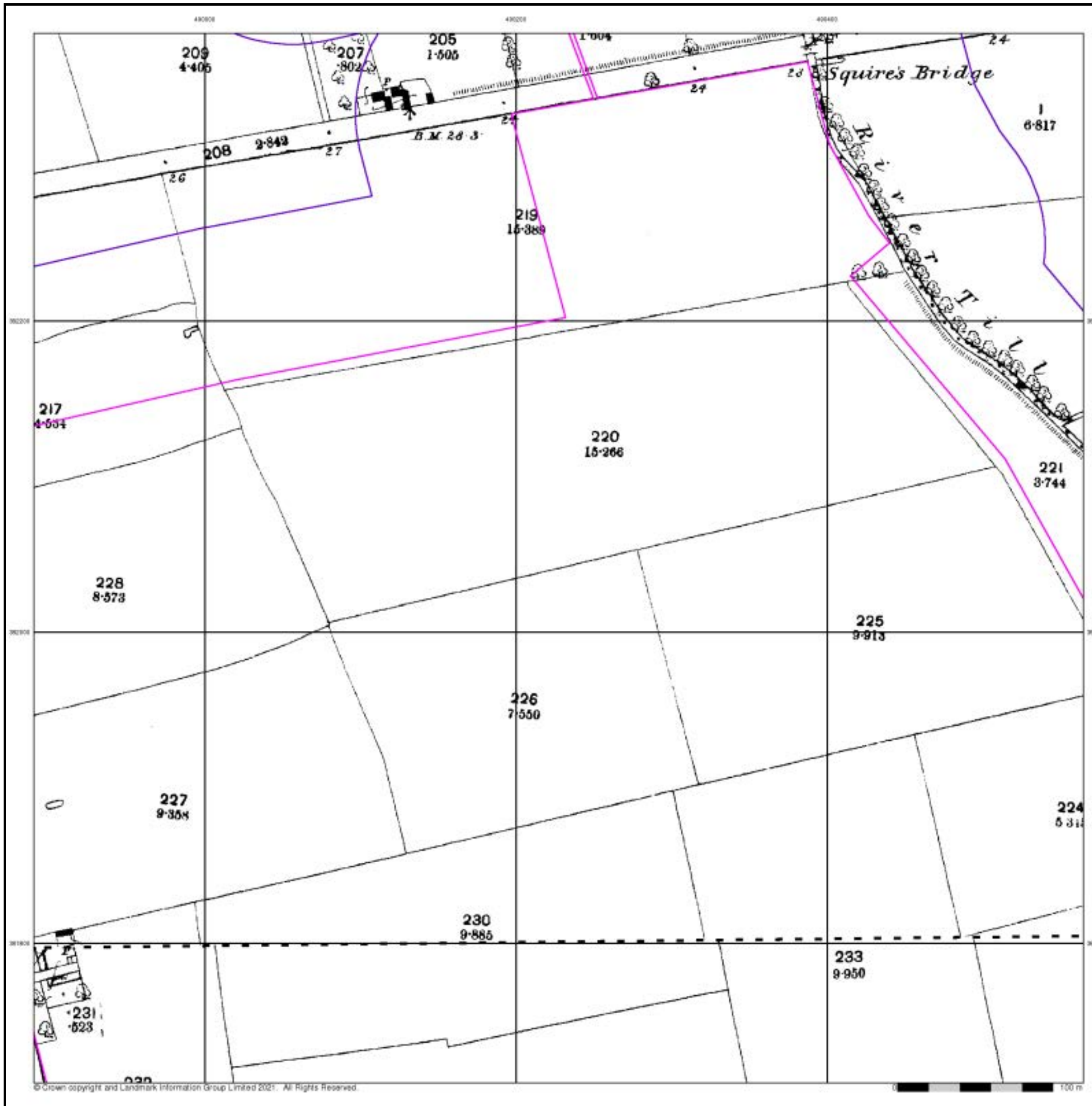


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





## Lincolnshire

Published 1906

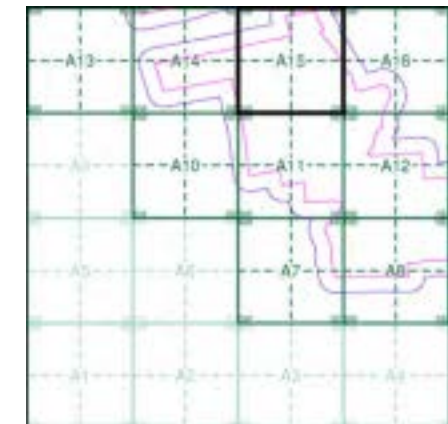
Source map scale - 1:2,500

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

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

051_12	1906	1:2,500
051_16	1906	1:2,500

### Historical Map - Segment A15

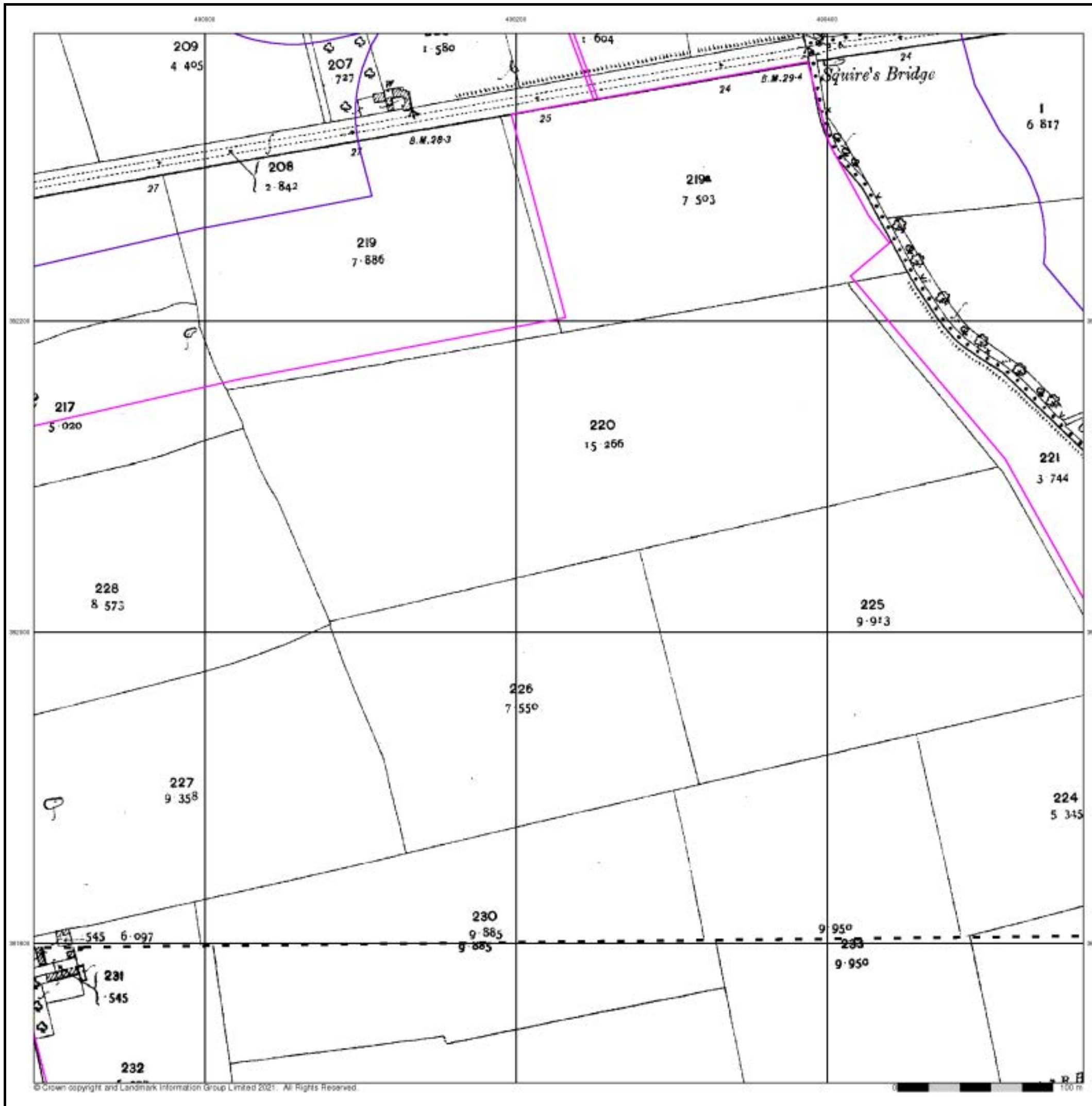


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



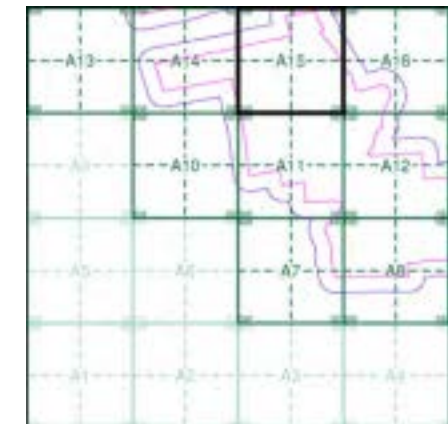
**Ordnance Survey Plan**  
**Published 1973 - 1975**  
**Source map scale - 1:2,500**

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)**

SK8982 1975 12,500	SK9082 1974 12,500
SK8981 1975 12,500	SK9081 1973 12,500

**Historical Map - Segment A15**



**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Large-Scale National Grid Data

Published 1994

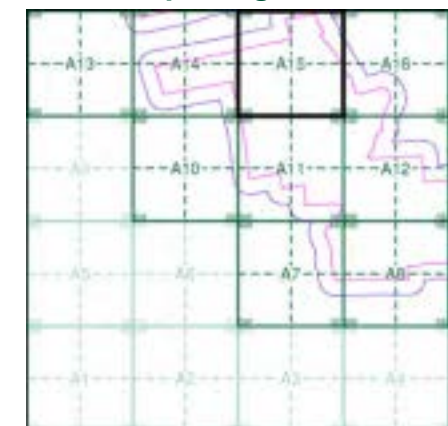
Source map scale - 1:2,500

'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)

SK8982 1994 1:2,500	SK9082 1994 1:2,500
SK8981 1994 1:2,500	SK9081 1994 1:2,500

### Historical Map - Segment A15

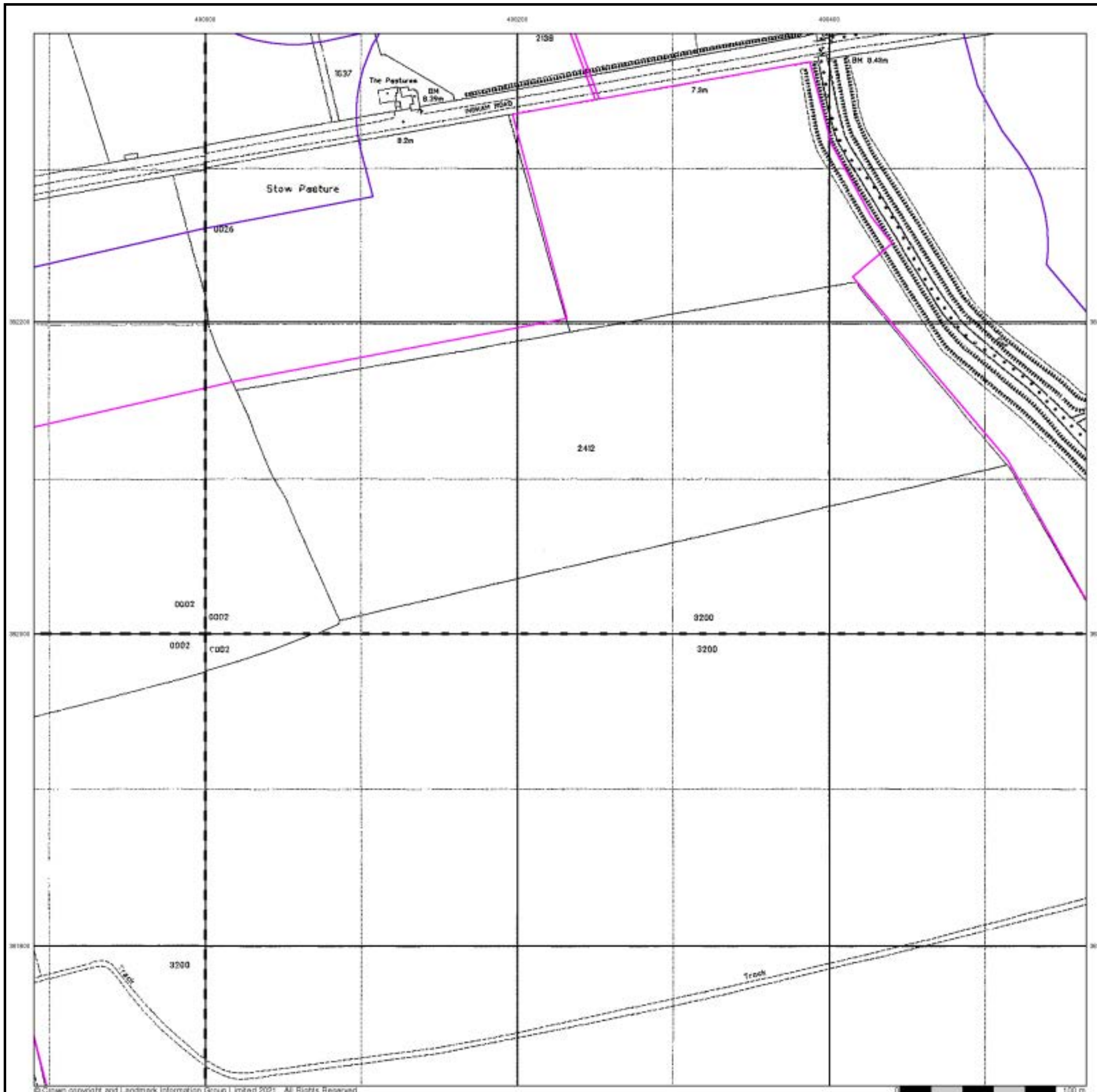


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

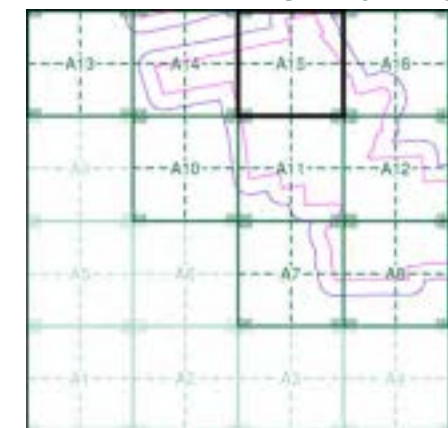
Cottam 1



## 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 A15

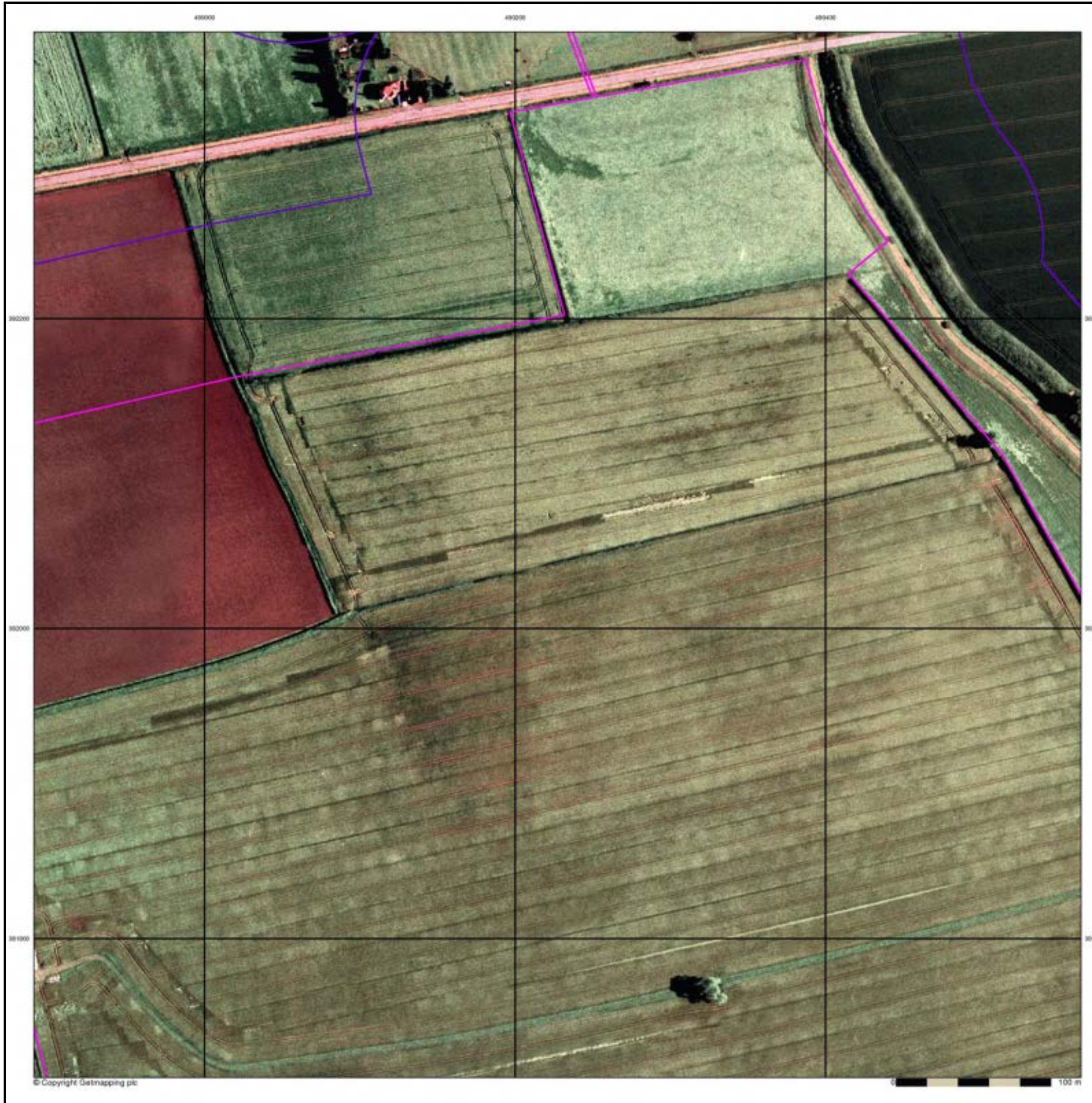


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

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

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

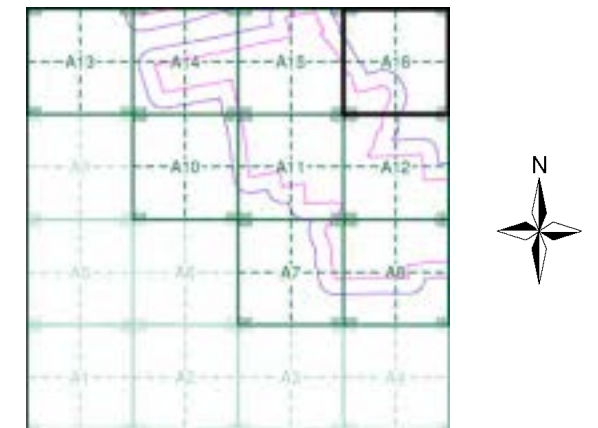
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **Bracken**  
**Coppice, Osier**   **Reeds**   **Marsh, Saltings**  
**Rough Grassland**   **Heath**   **Culvert**  
**Direction of water flow**   **Triangulation Station**   **Antiquity (site of)**  
**Electricity Transmission Line**   **Electricity Pylon**  
**BM 231.60m** Bench Mark   **Buildings with Building Seed**  
**Roofed Building**   **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks** Barracks   **P** Pillar, Pole or Post  
**Bty** Battery   **PO** Post Office  
**Cemy** Cemetery   **PC** Public Convenience  
**Chy** Chimney   **Pp** Pump  
**Cis** Cistern   **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway   **PW** Place of Worship  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1973 - 1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment A16



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

**Lincolnshire**  
**Published 1886**

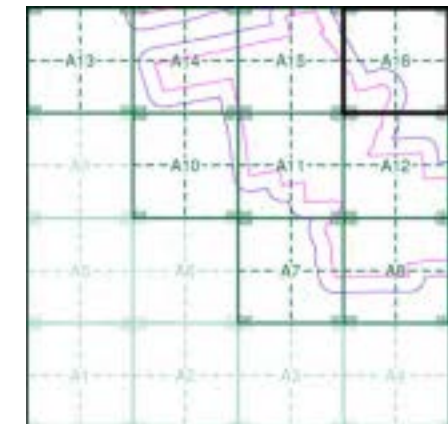
**Source map scale - 1:2,500**

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)**

051_12
1886
1:2,500
051_16
1886
1:2,500

**Historical Map - Segment A16**

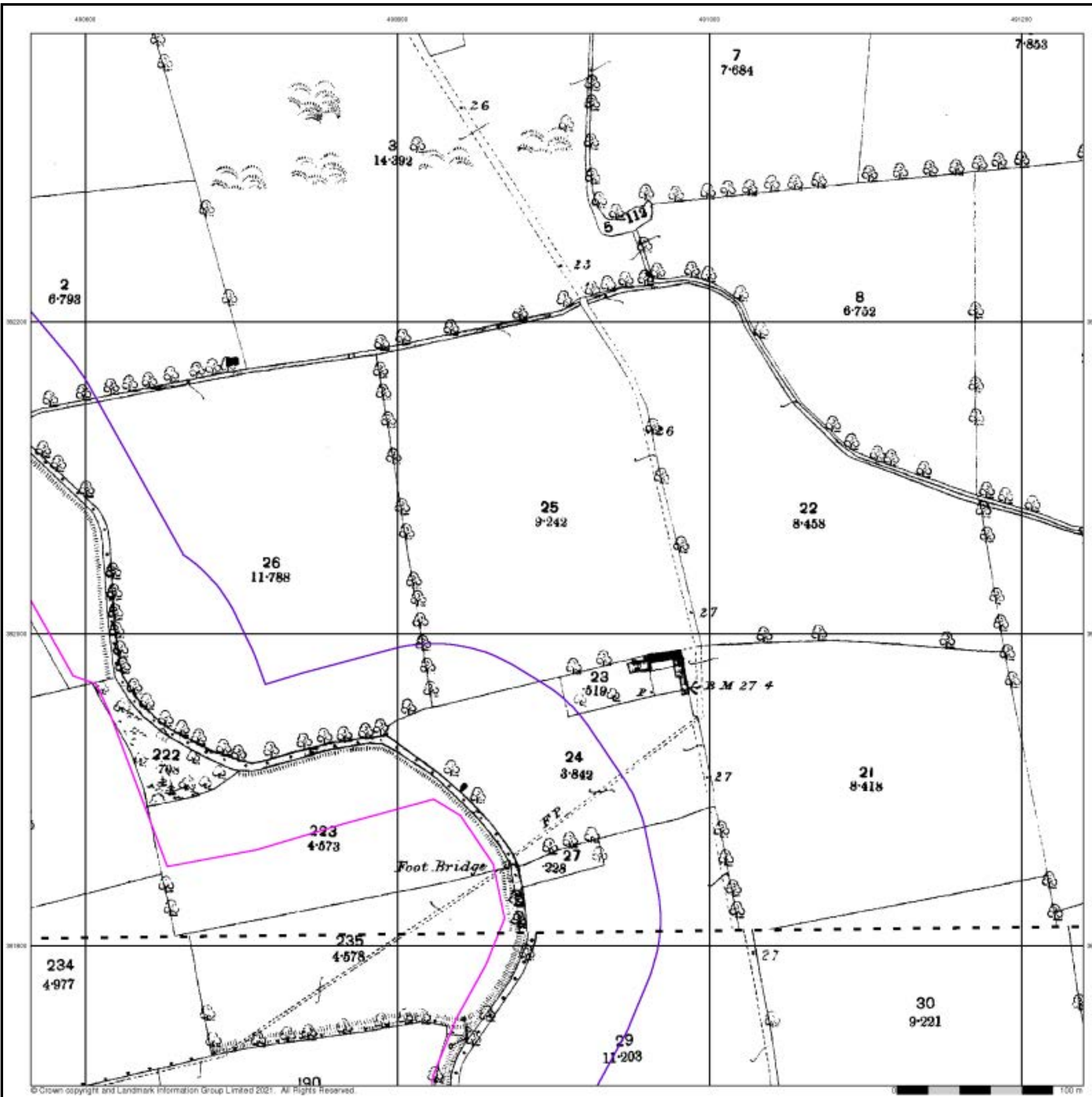


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



**Lincolnshire**  
**Published 1906**

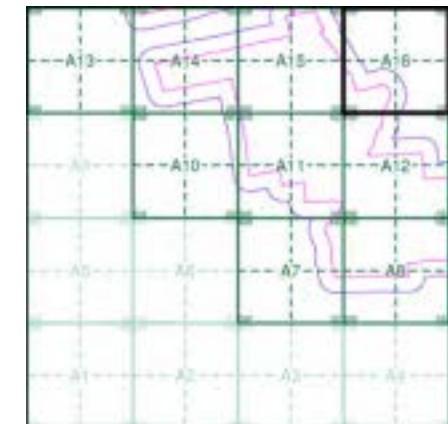
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**

051_12
1906
1:2,500
051_16
1906
1:2,500

**Historical Map - Segment A16**

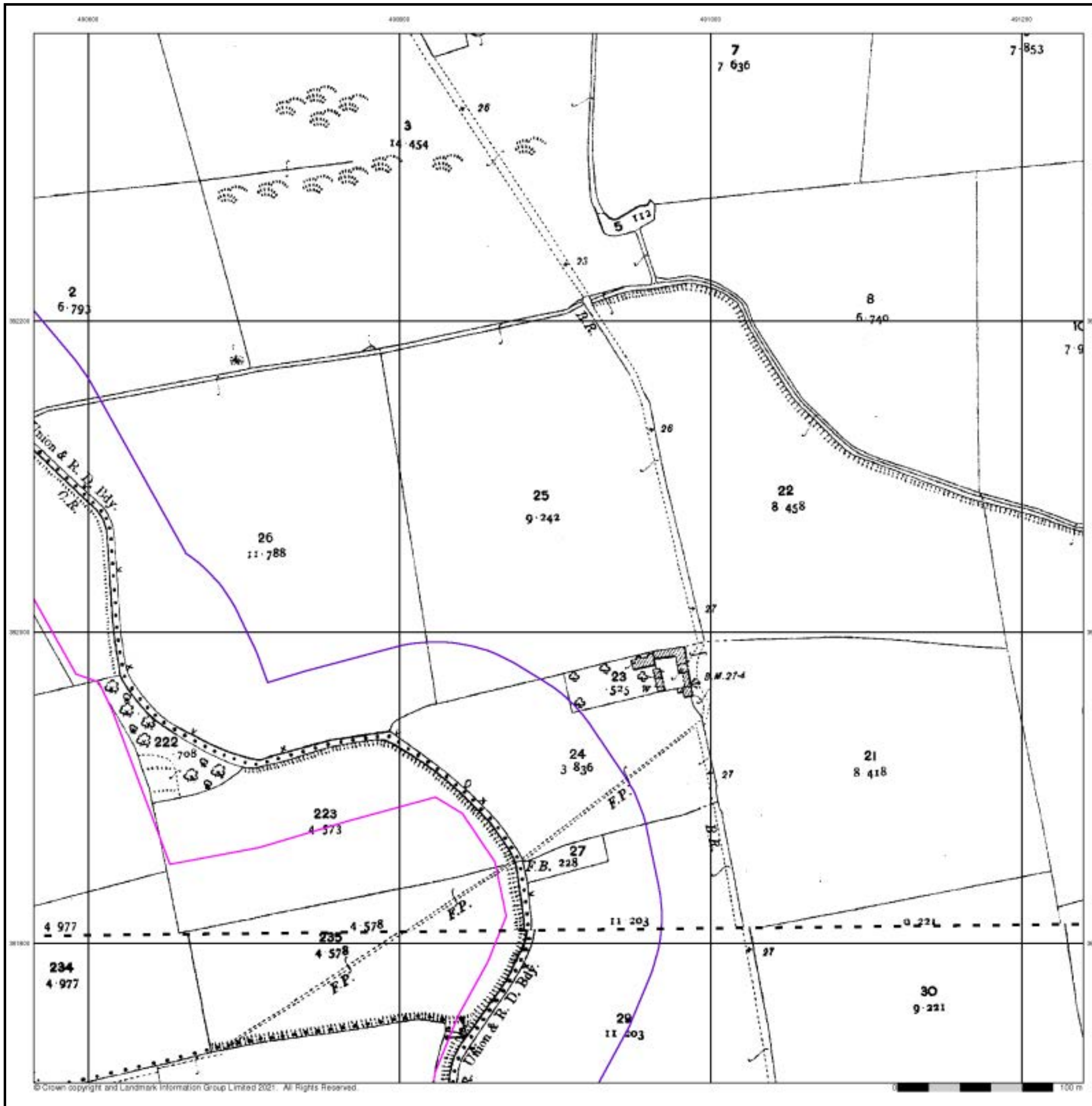


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



### Ordnance Survey Plan

Published 1973 - 1974

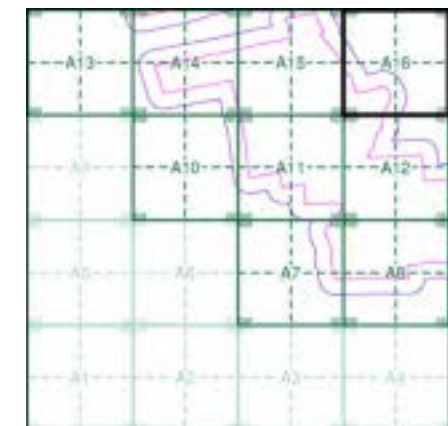
Source map scale - 1:2,500

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)

SK9082 1974 12,500	SK9182 1974 12,500
SK9081 1973 12,500	SK9181 1973 12,500

### Historical Map - Segment A16

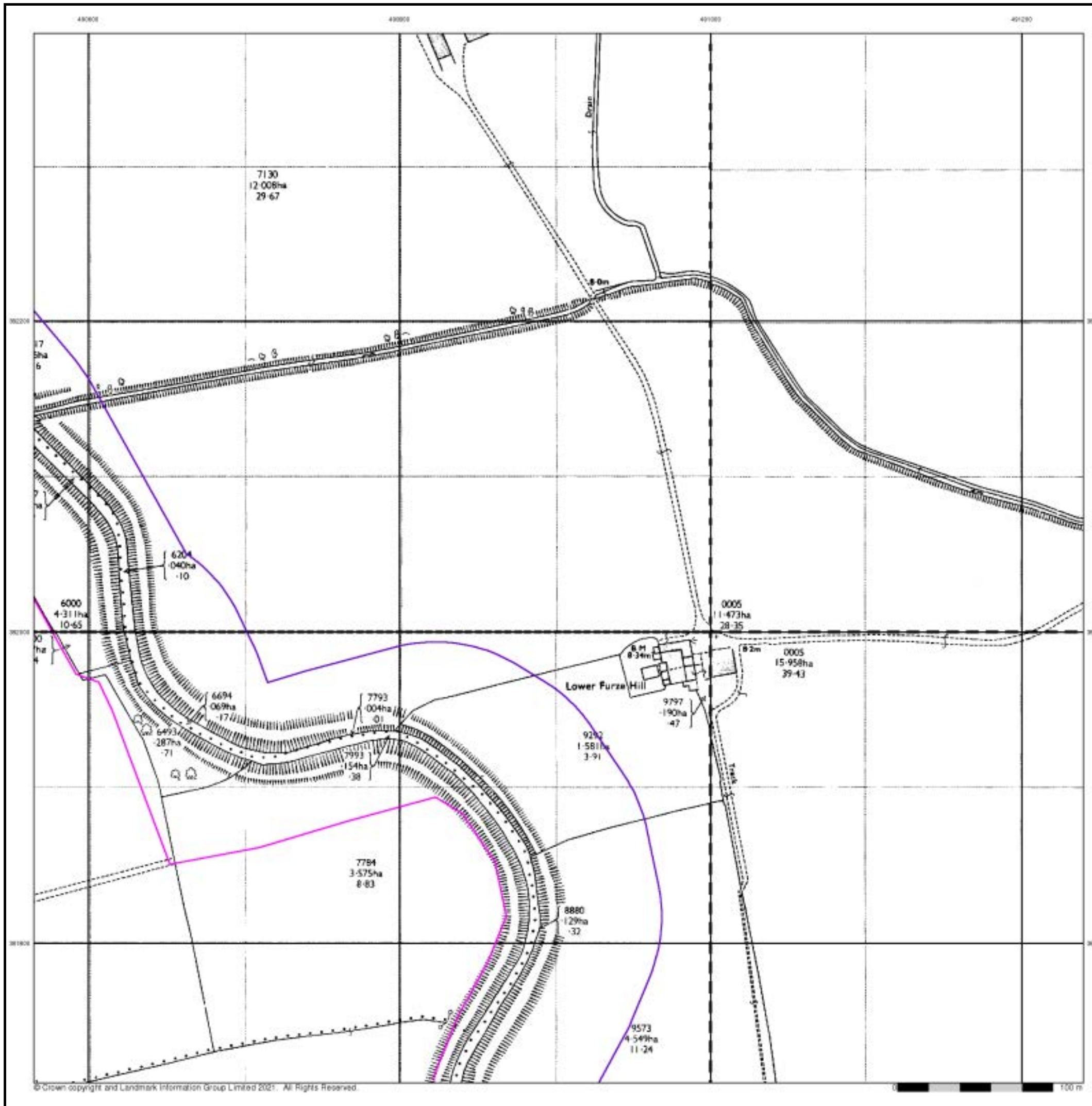


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





## Large-Scale National Grid Data

Published 1994

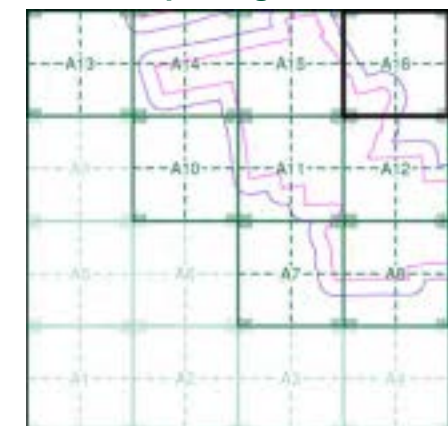
Source map scale - 1:2,500

'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)

SK9082	SK9182
1994	1994
12,500	12,500
SK9081	SK9181
1994	1994
12,500	12,500

### Historical Map - Segment A16

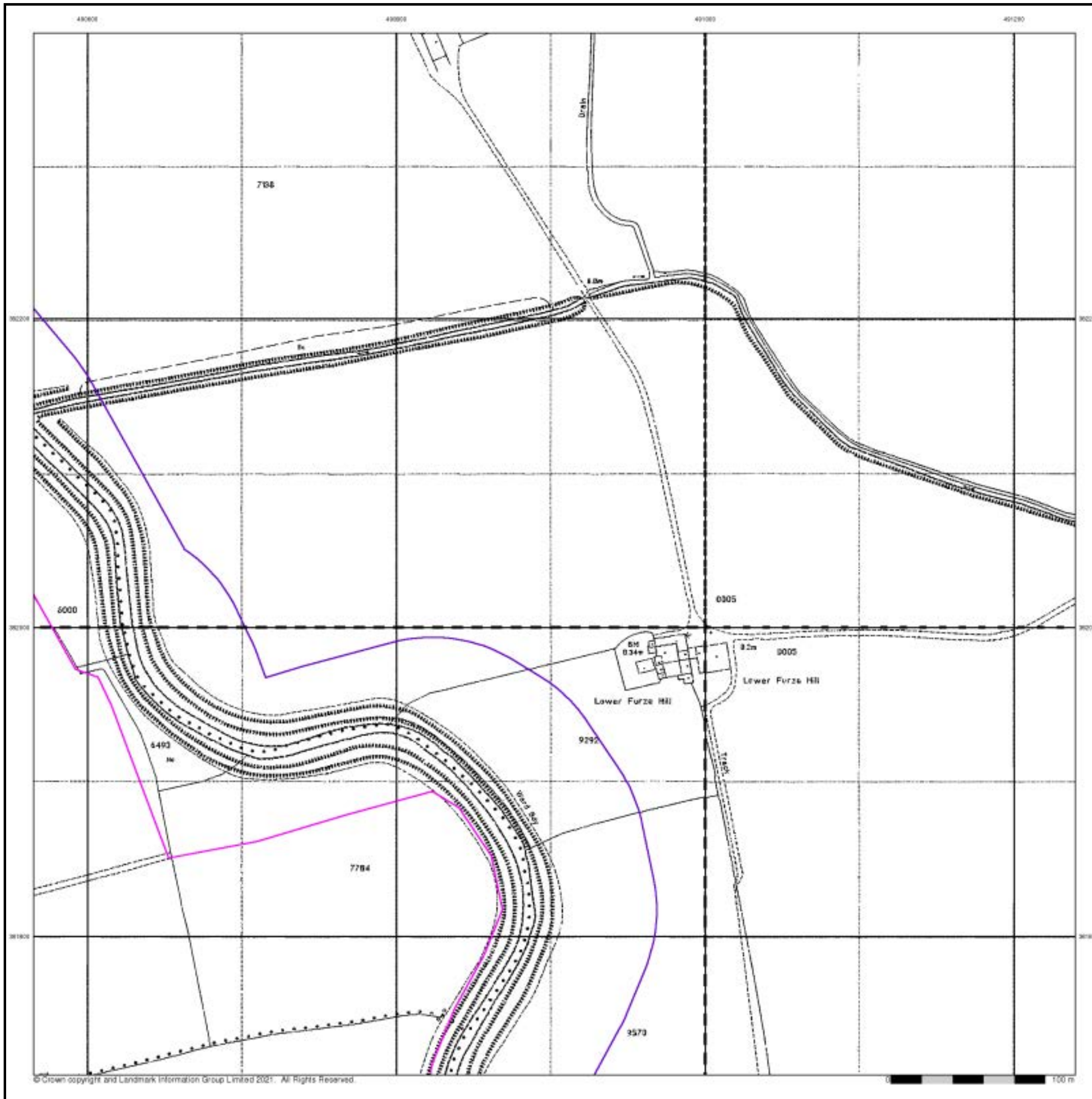


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



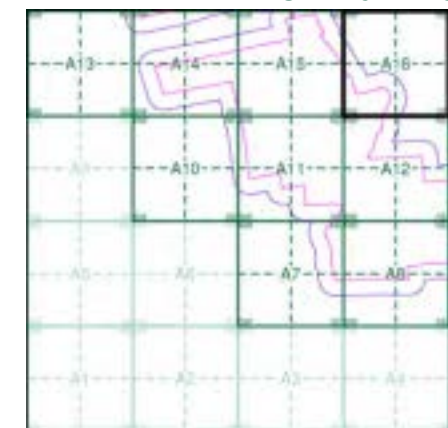
## Historical Aerial Photography

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 A16



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

Gravel Pit, Sand Pit, Other Pits, Quarry, Shingle, Orchard, Osiers, Reeds, Marsh, Mixed Wood, Deciduous, Brushwood, Fir, Furze, Rough Pasture, Arrow denotes flow of water, Trigonometrical Station, Site of Antiquities, Bench Mark, Pump, Guide Post, Signal Post, Well, Spring, Boundary Post, **-285** Surface Level, Sketched Contour, Instrumental Contour, Main Roads (Fenced, Un-Fenced), Minor Roads (Fenced, 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, Road Under, Road Over, Level Crossing, Foot Bridge, Siding, Tramway or Mineral Line, Narrow Gauge, Geographical County, Administrative County, County Borough or County of City, Municipal Borough, Urban or Rural District, Borough, Burgh or County Constituency, Civil Parish, BP, BS, Ch, CH, F E Sta, FB, Fn, GP, MP, MS, Boundary Post or Stone, Church, Club House, Fire Engine Station, Foot Bridge, Fountain, Guide Post, Mile Post, Mile Stone, Pol Sta, PO, PC, PH, SB, Spr, TCB, TCP, W, Police Station, Post Office, Public Convenience, Public House, Signal Box, Spring, Telephone Call Box, Telephone Call Post, Well

## 1:10,000 Raster Mapping

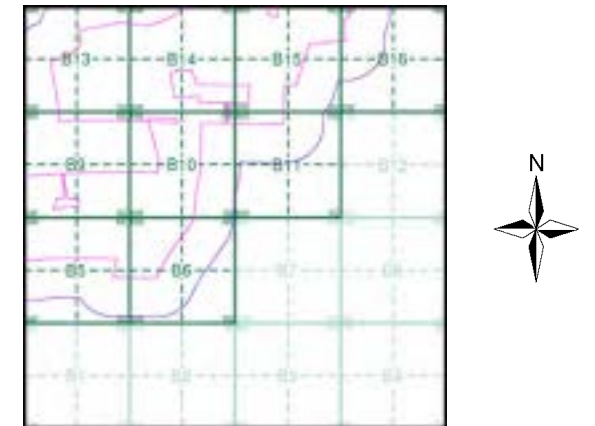
Gravel Pit, Refuse tip or slag heap, Rock, Rock (scattered), Boulders, Boulders (scattered), Shingle, Mud, Sand, Sand Pit, Slopes, Top of cliff, General detail, Underground detail, Overhead detail, Narrow gauge railway, Multi-track railway, Single track railway, County boundary (England only), District,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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1885 - 1886	2
Lincolnshire	1:10,560	1907	3
Lincolnshire	1:10,560	1907	4
Lincolnshire	1:10,560	1947 - 1948	5
Ordnance Survey Plan	1:10,000	1956	6
Ordnance Survey Plan	1:10,000	1976 - 1979	7
10K Raster Mapping	1:10,000	2000	8
10K Raster Mapping	1:10,000	2006	9
VectorMap Local	1:10,000	2021	10

## Historical Map - Slice B



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

## Site Details

Cottam 1



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

## Lincolnshire

Published 1885 - 1886

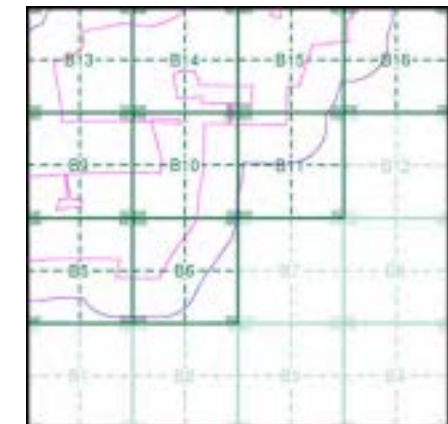
Source map scale - 1:10,560

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)

051SE 1885 1:10,560	052SW 1885 1:10,560
060NE 1885 1:10,560	061NW 1886 1:10,560

### Historical Map - Slice B

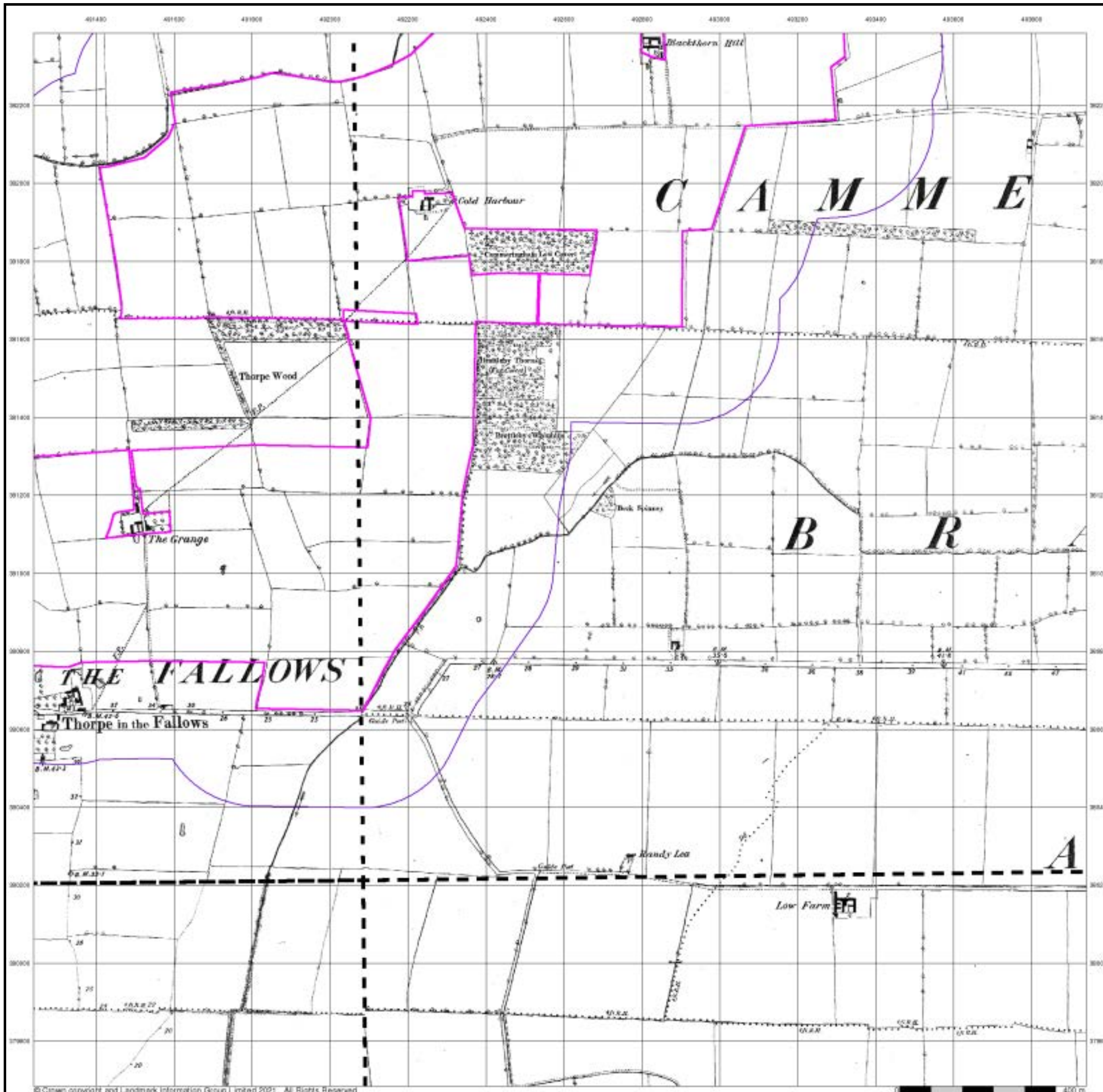


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1907

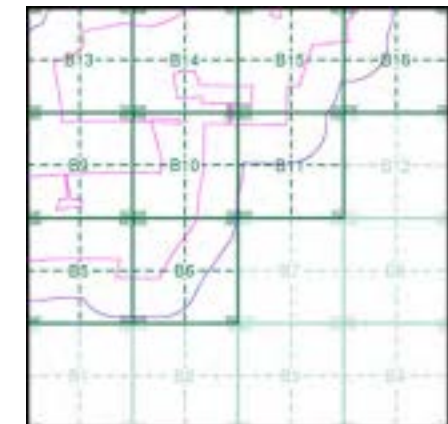
Source map scale - 1:10,560

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

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

051SE 1907 1:10,560	052SW 1907 1:10,560
060NE 1907 1:10,560	061NW 1907 1:10,560

### Historical Map - Slice B

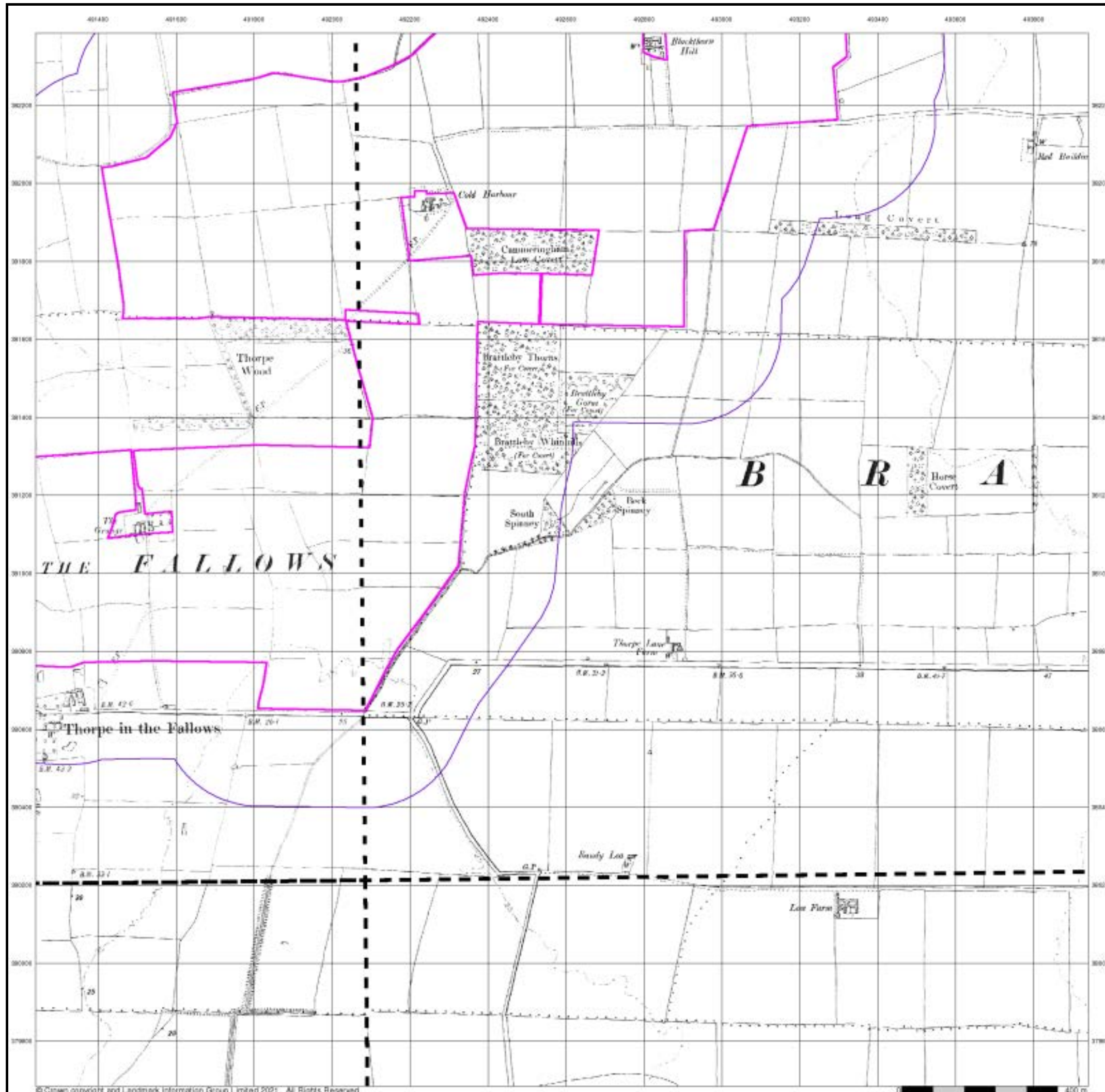


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



**Lincolnshire**  
**Published 1907**

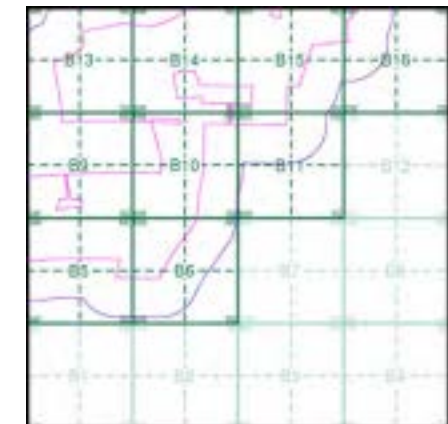
**Source map scale - 1:10,560**

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

**Map Name(s) and Date(s)**

051SE 1907 1:10,560	052SW 1907 1:10,560
060NE 1907 1:10,560	

**Historical Map - Slice B**

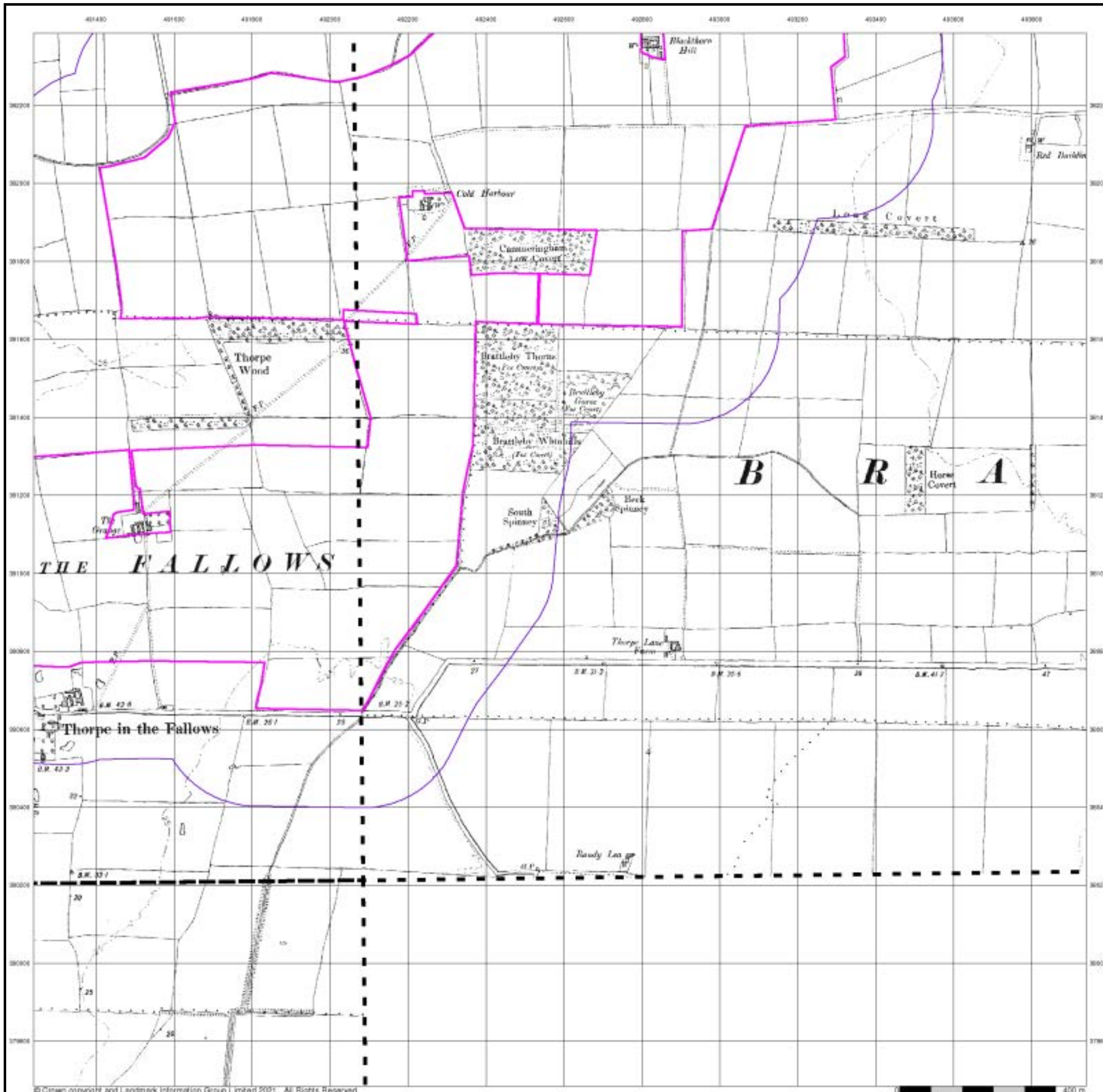


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

**Site Details**

Cottam 1



## Lincolnshire

Published 1947 - 1948

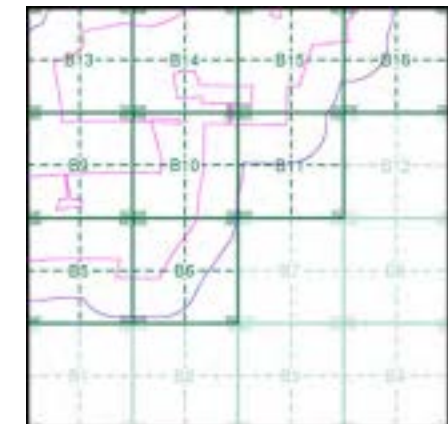
Source map scale - 1:10,560

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

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

051SE 1947 1:10,560	052SW 1948 1:10,560
060NE 1947 1:10,560	061NW 1947 1:10,560

### Historical Map - Slice B

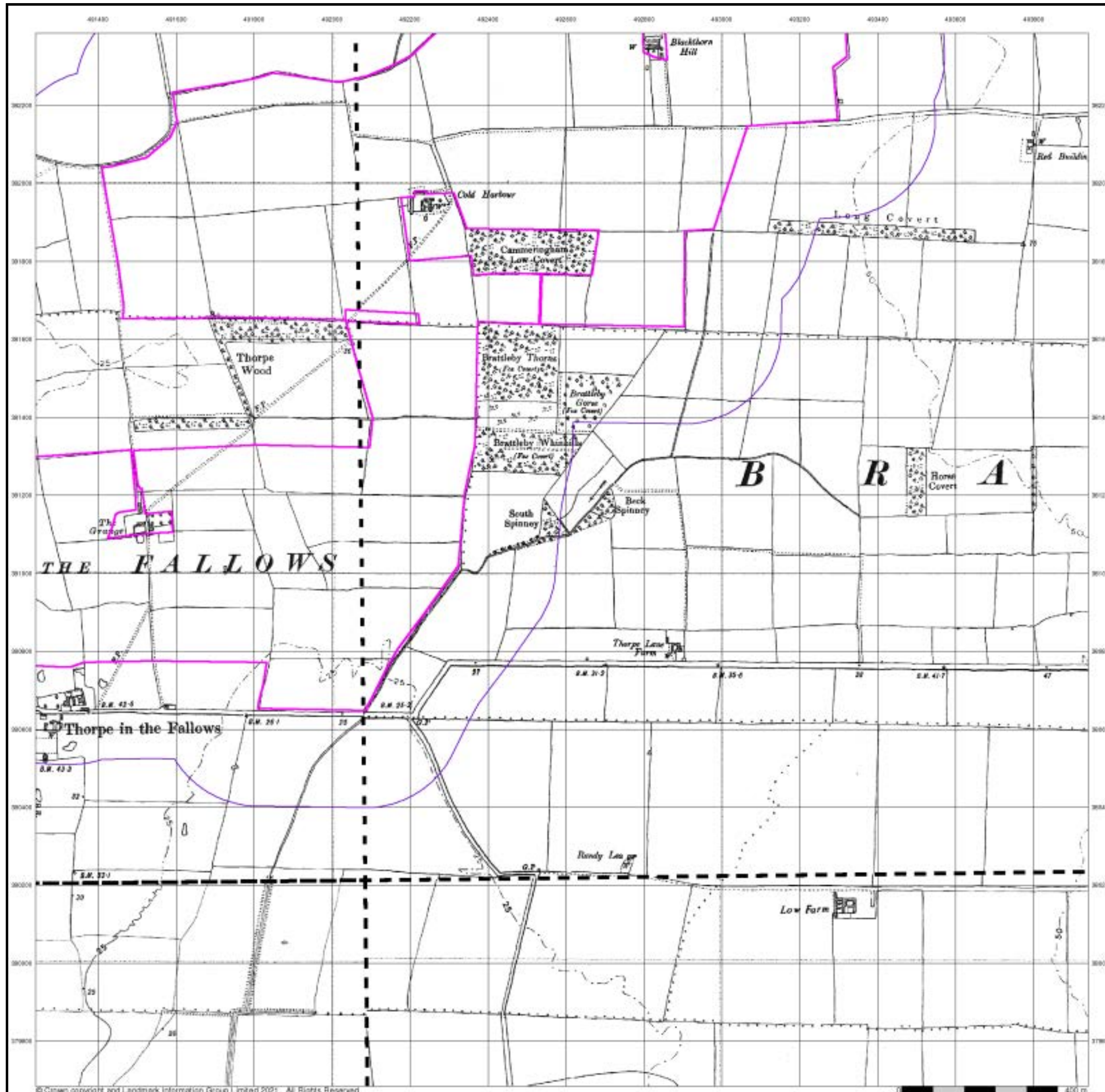


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Ordnance Survey Plan

Published 1956

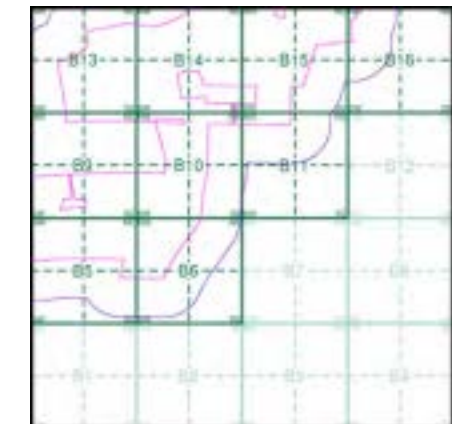
Source map scale - 1:10,000

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

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

SK98SW	1956
1:10,560	
SK97NW	1956
1:10,560	

### Historical Map - Slice B

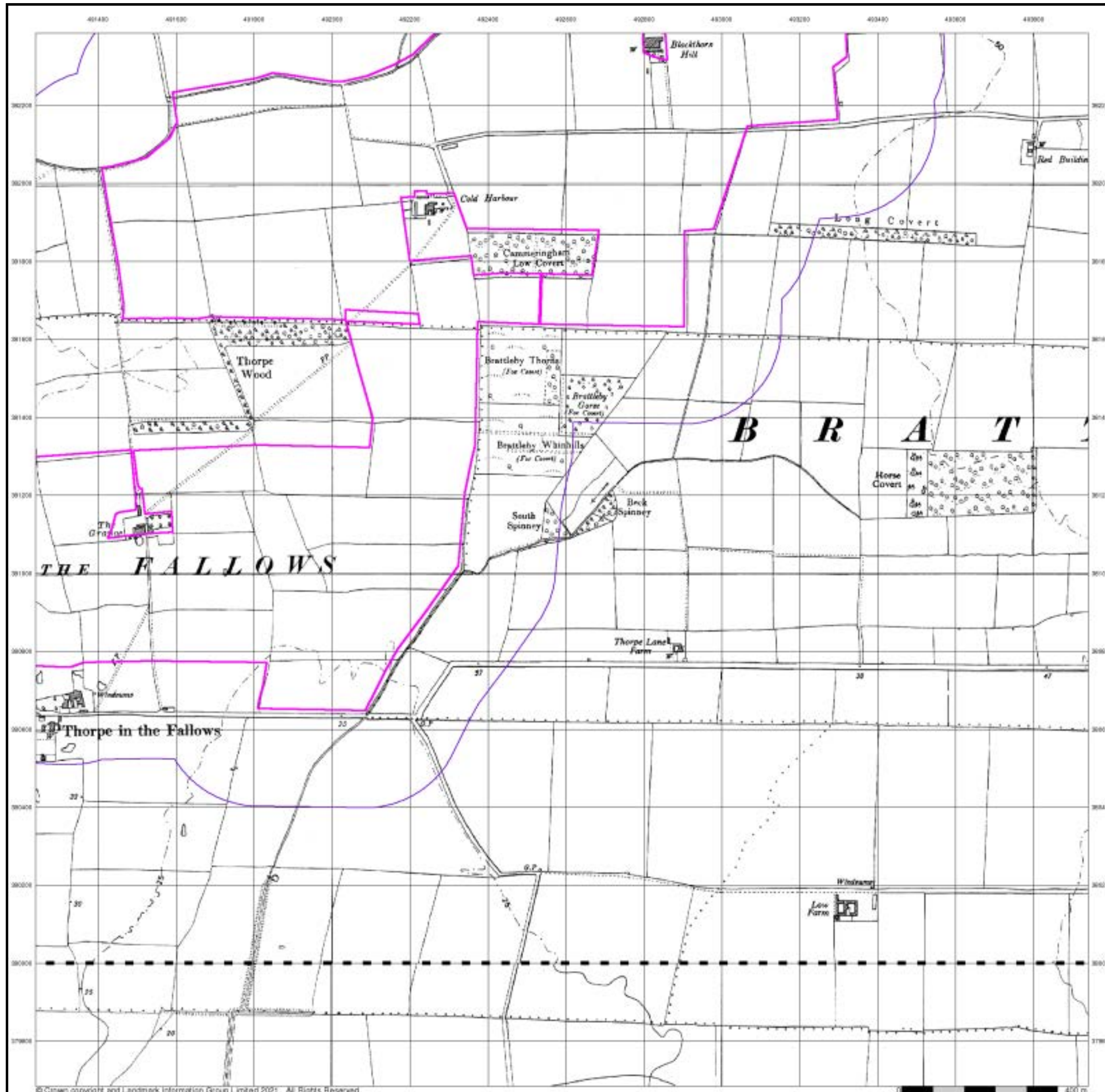


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1





### Ordnance Survey Plan

Published 1976 - 1979

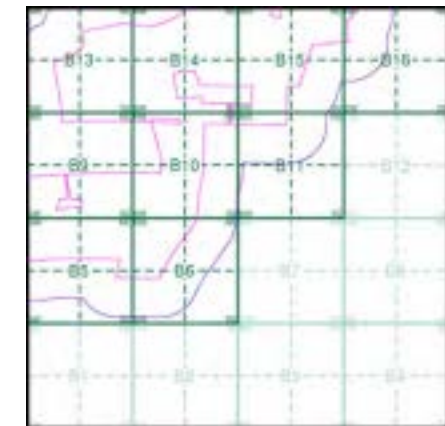
Source map scale - 1:10,000

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)

SK98SW	1979	1:10,000
SK97NW	1976	1:10,000

### Historical Map - Slice B

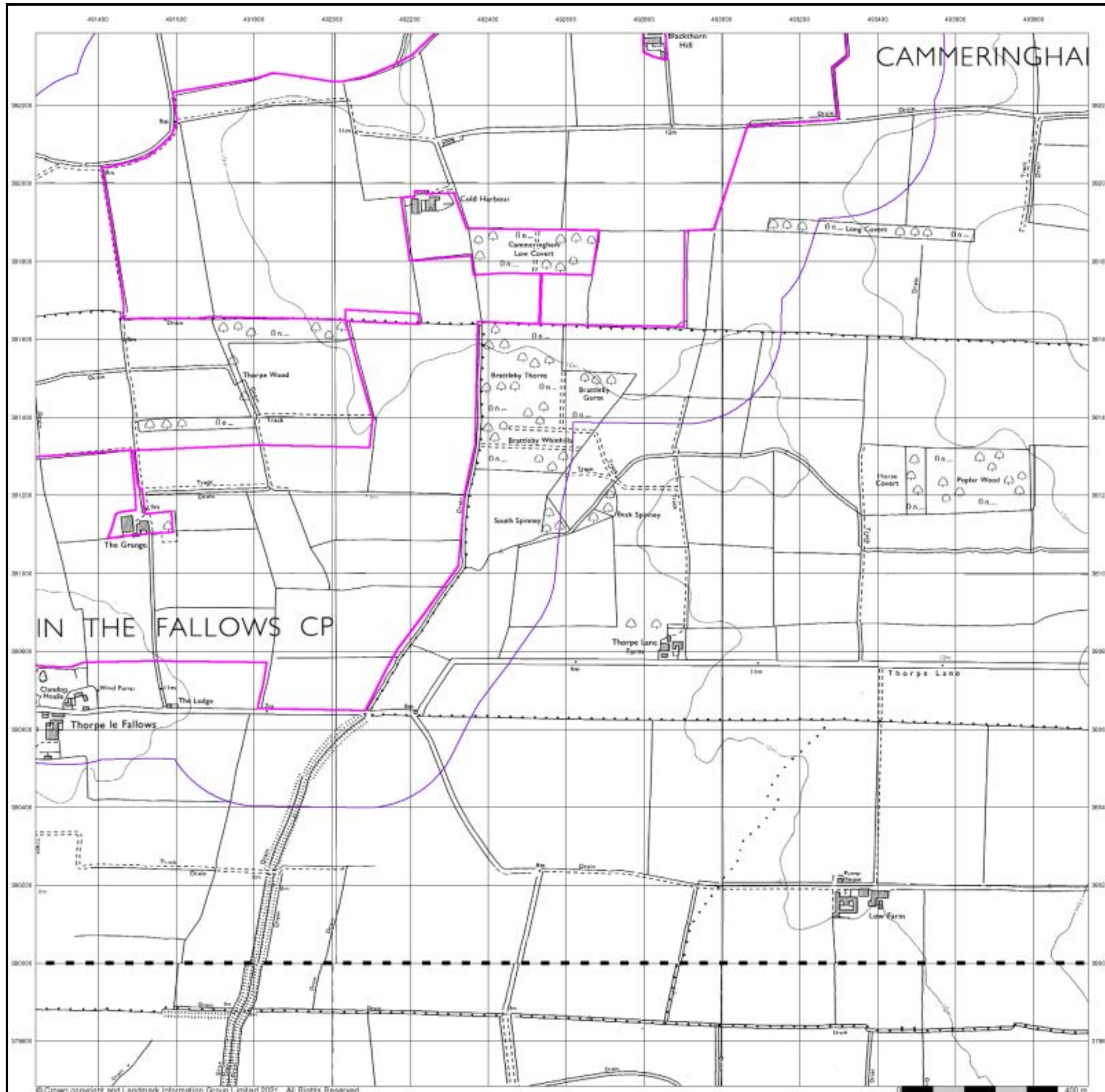


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



### 10k Raster Mapping

Published 2000

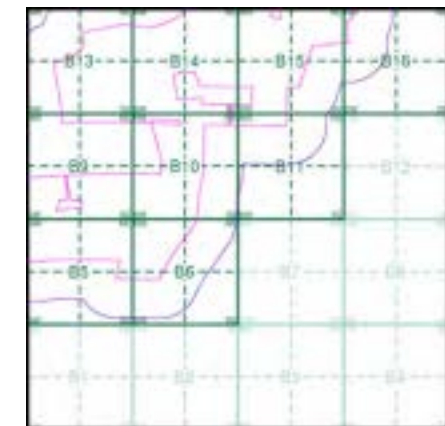
Source map scale - 1:10,000

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

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

SK98SW	2000	1:10,000
SK97NW	2000	1:10,000

### Historical Map - Slice B

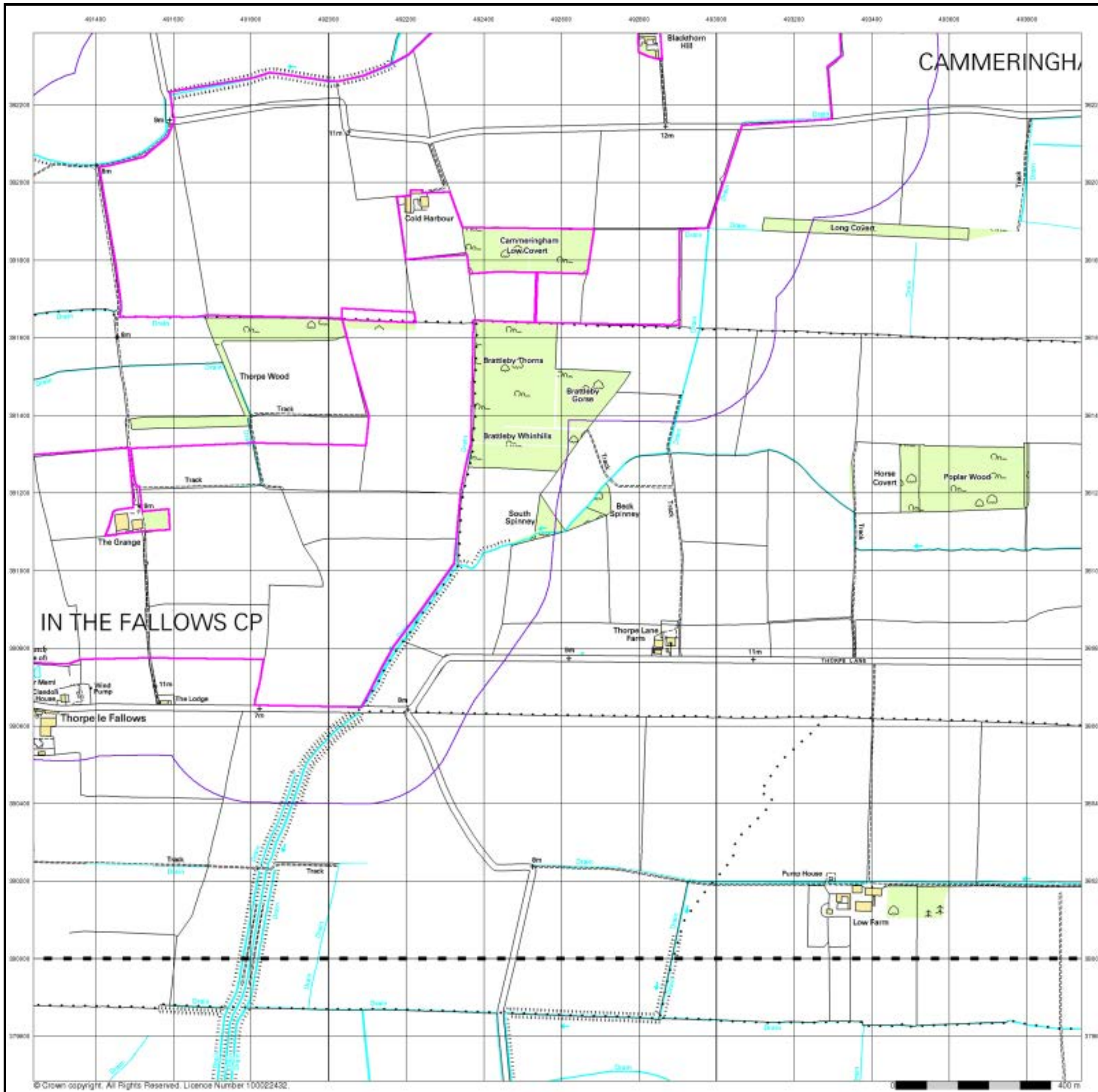


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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### 10k Raster Mapping

Published 2006

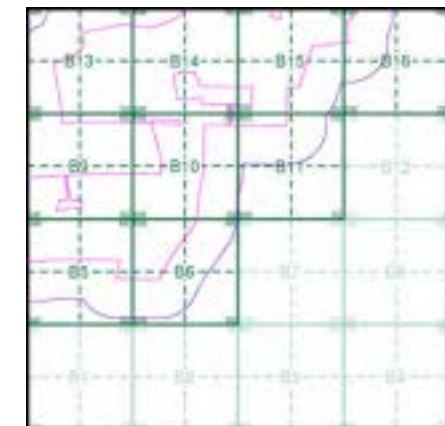
Source map scale - 1:10,000

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)

SK98SW	2006	1:10,000
SK97NW	2006	1:10,000

### Historical Map - Slice B

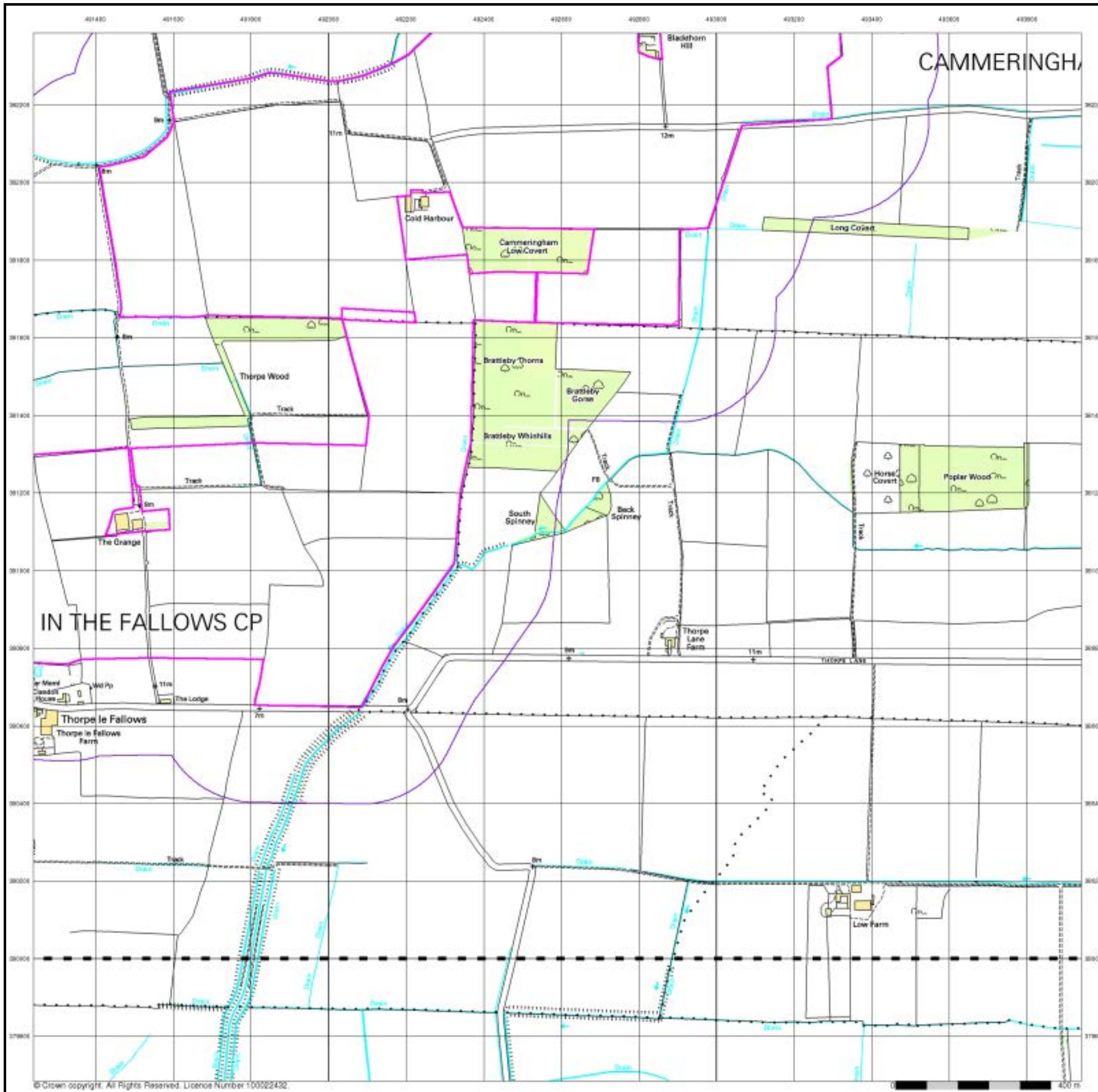


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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## VectorMap Local

Published 2021

Source map scale - 1:10,000

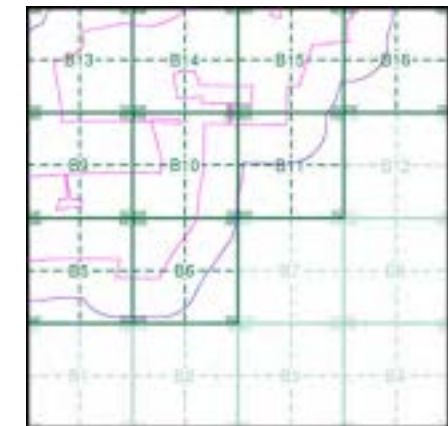
VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap 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)

SK98SW  
2021  
Variable

SK97NW  
2021  
Variable

### Historical Map - Slice B

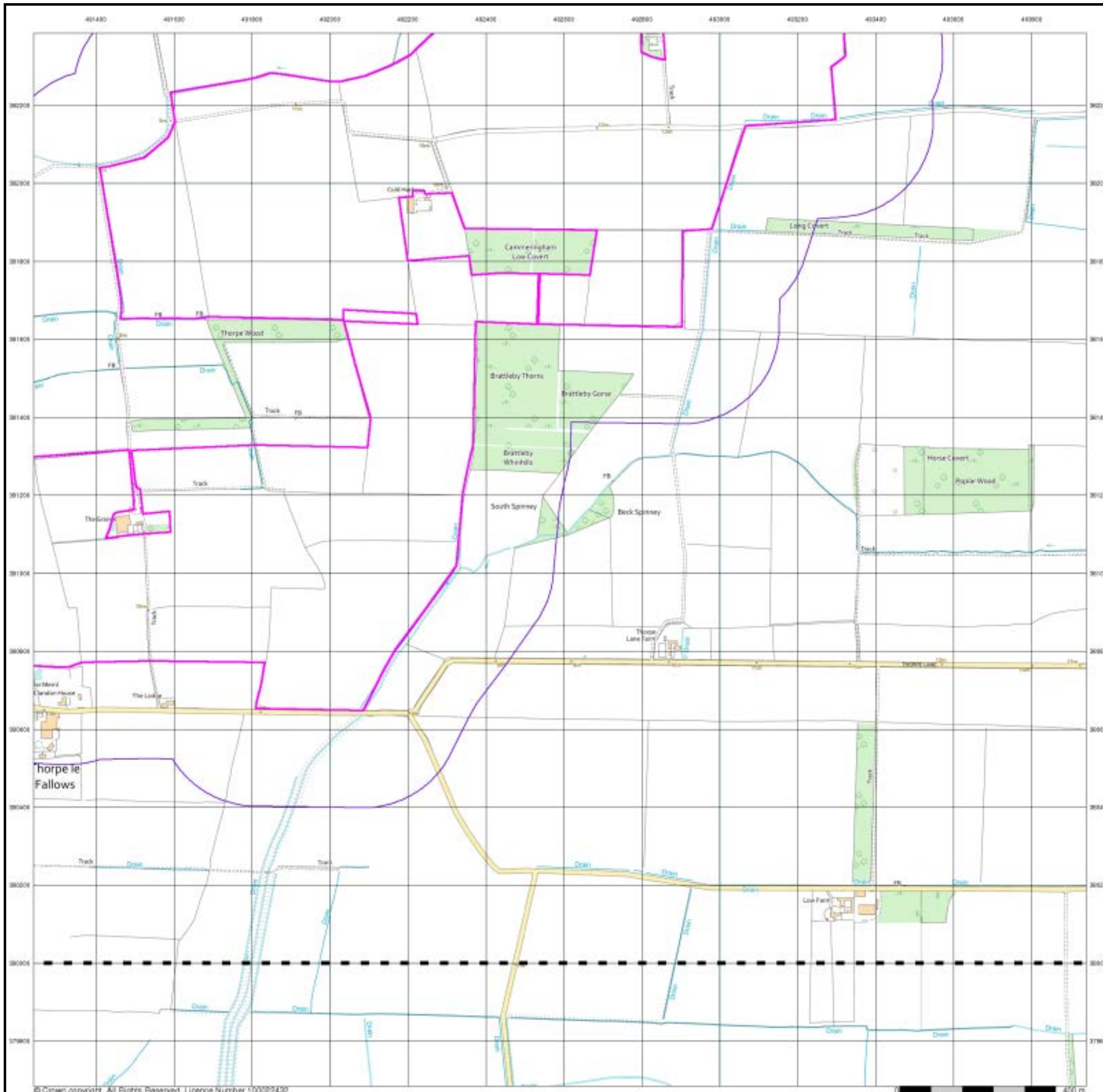


### Order Details

Order Number: 287330989\_1\_1  
Customer Ref: 21-1088.02  
National Grid Reference: 492150, 381560  
Slice: B  
Site Area (Ha): 884.45  
Search Buffer (m): 250

### Site Details

Cottam 1



# 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

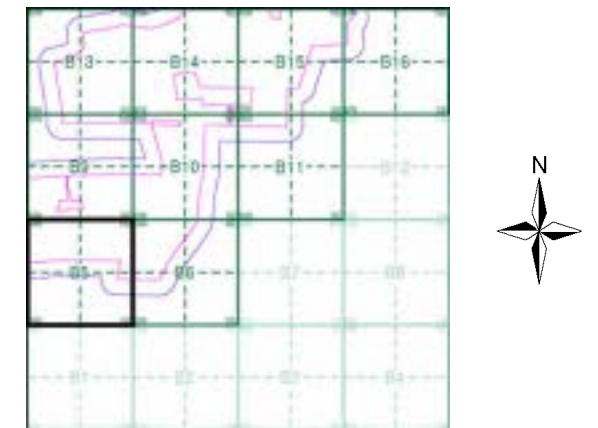
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1973 - 1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment B5



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

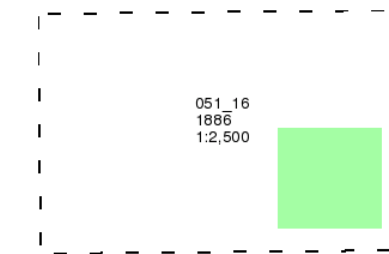
Lincolnshire

Published 1886

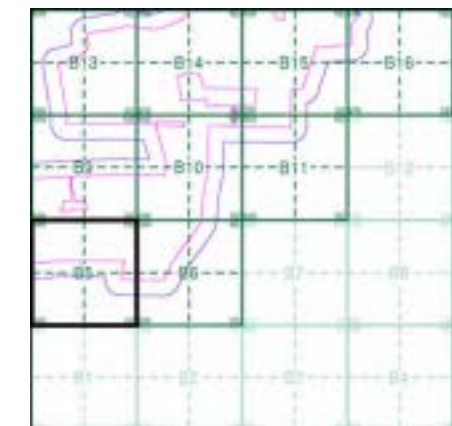
Source map scale - 1:2,500

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 B5



Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

Site Details

Cottam 1



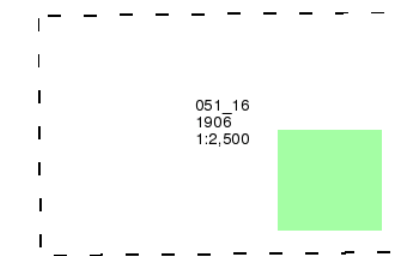
**Lincolnshire**

**Published 1906**

**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment B5**

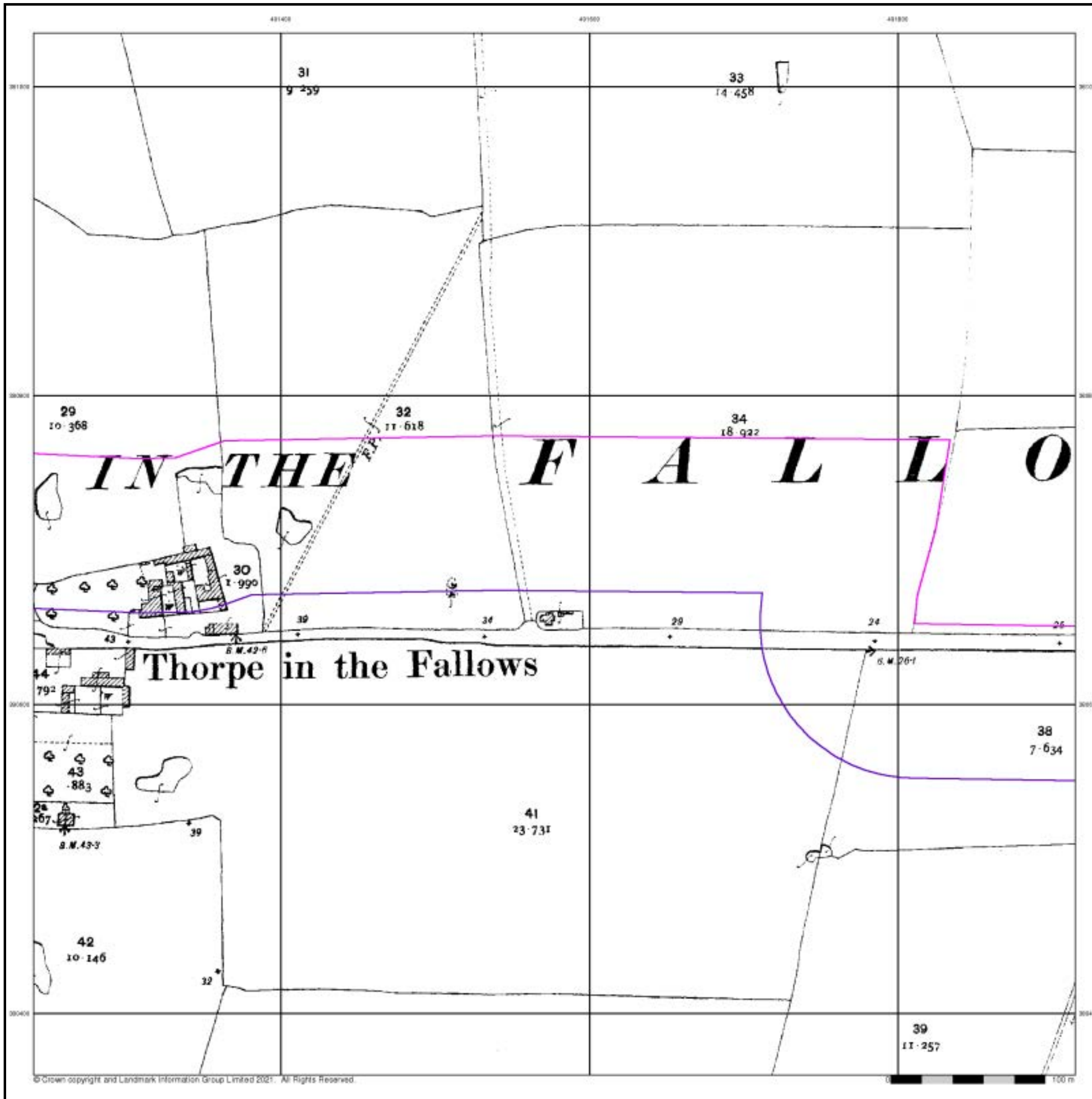


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



### Ordnance Survey Plan

Published 1973 - 1974

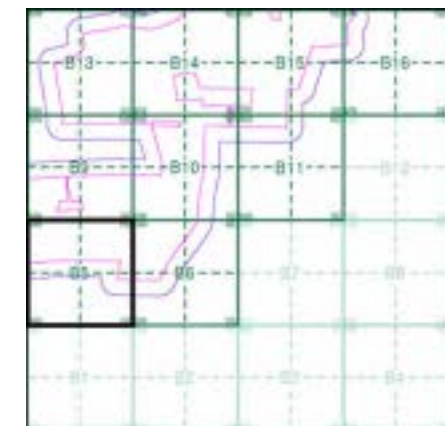
Source map scale - 1:2,500

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)

SK9181	1973	1:2,500
SK9180	1974	1:2,500

### Historical Map - Segment B5

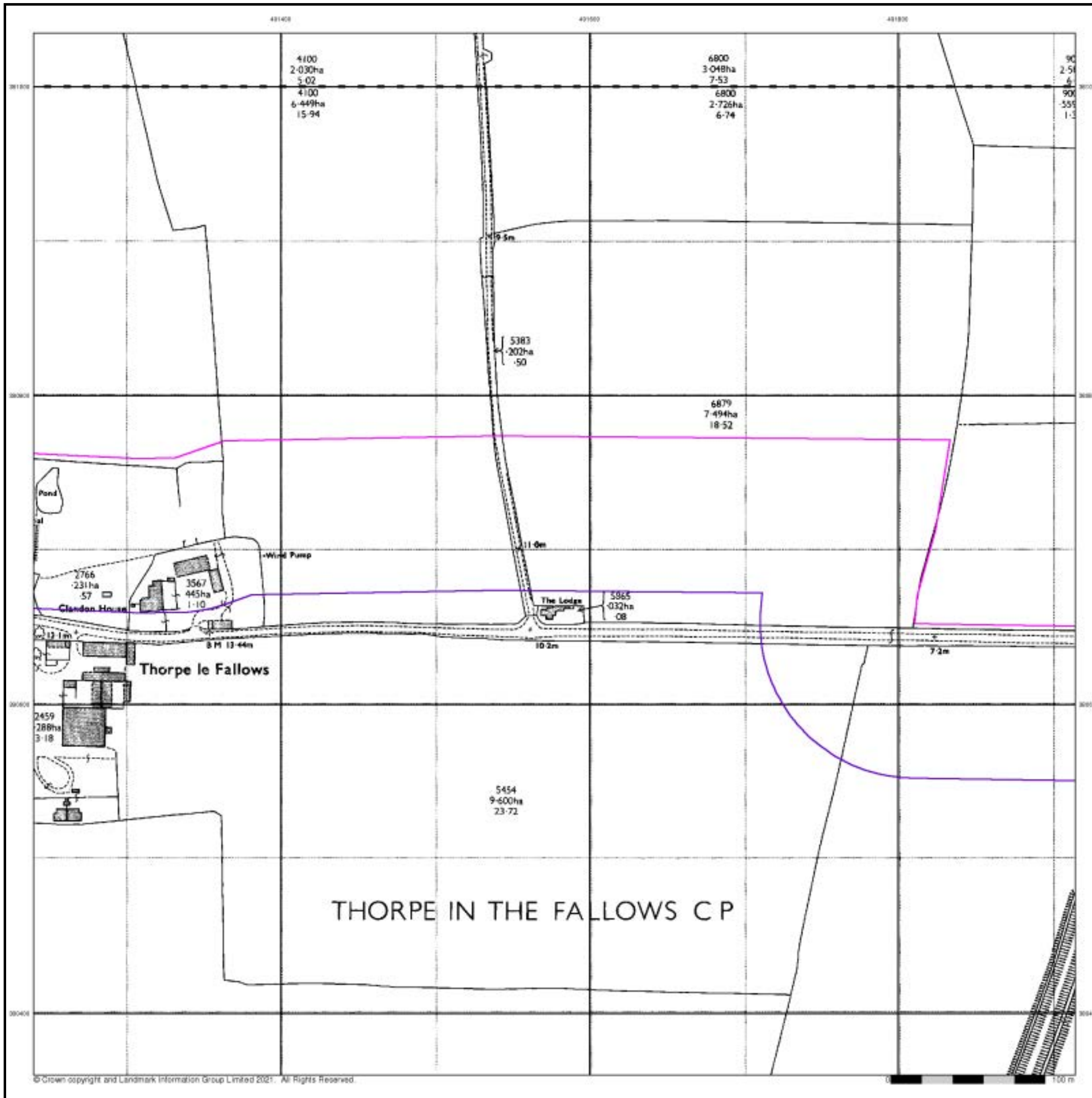


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





## Large-Scale National Grid Data

Published 1994

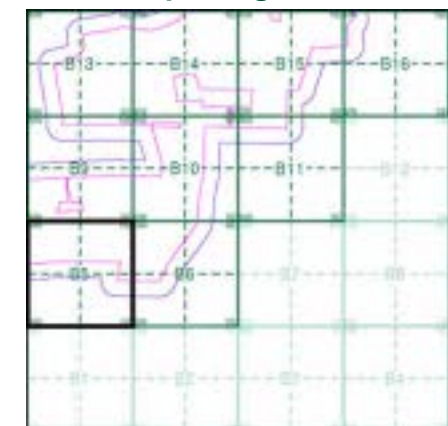
Source map scale - 1:2,500

'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)

SK9181	1994	1:2,500
SK9180	1994	1:2,500

### Historical Map - Segment B5

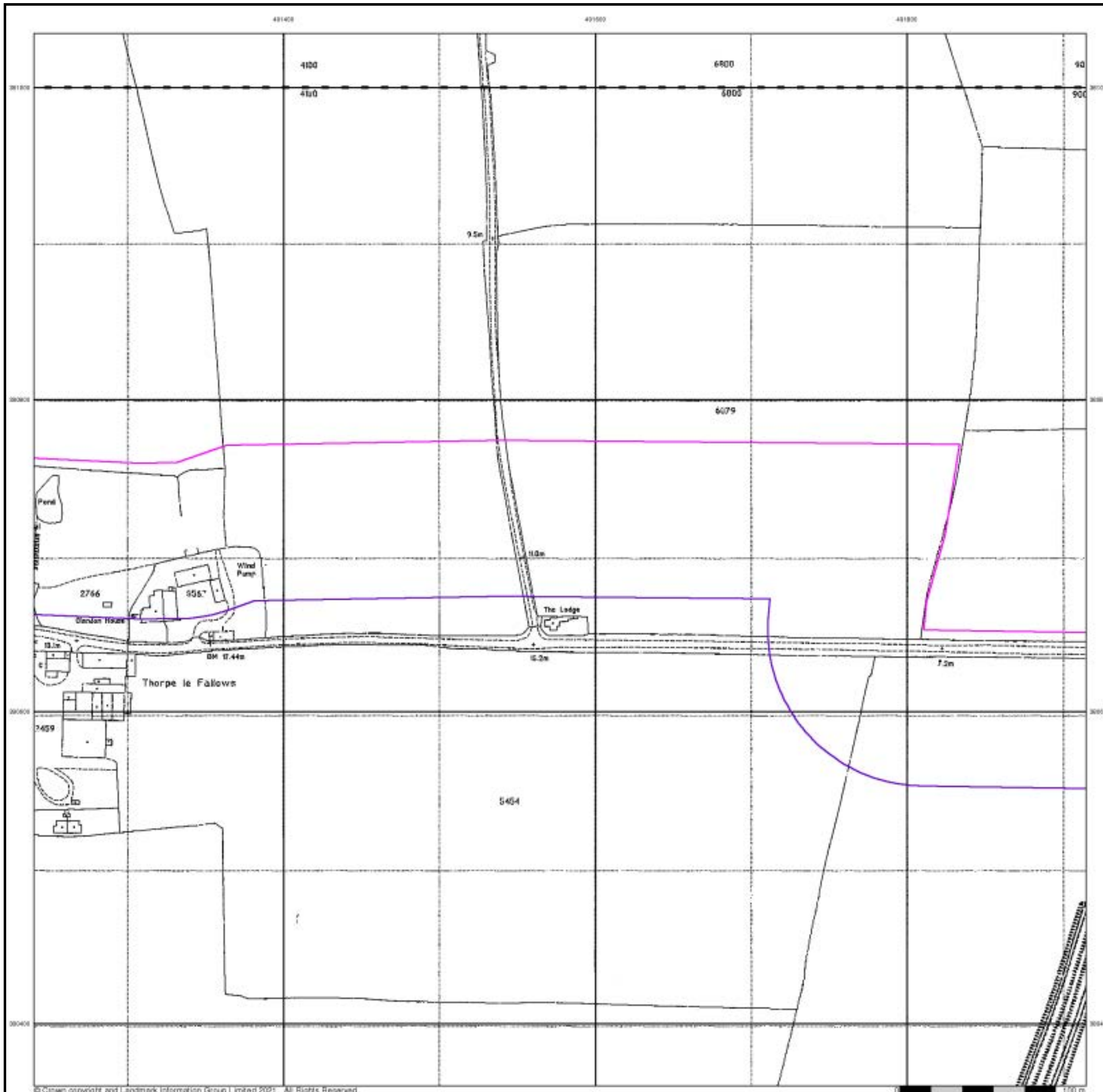


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

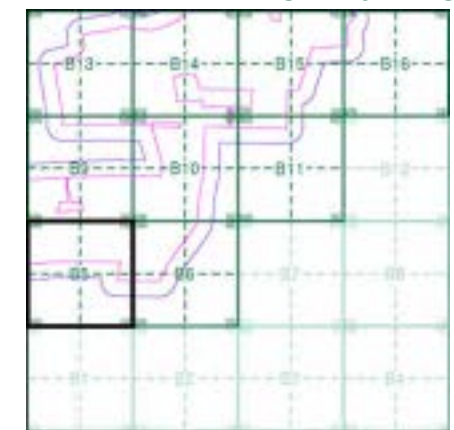


## Historical Aerial Photography

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 B5



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# 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

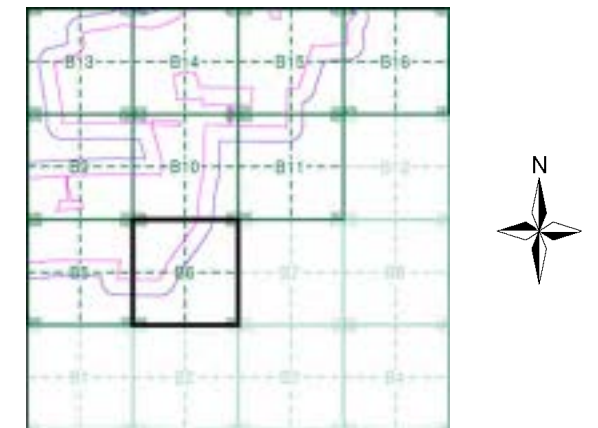
**Cliff** **Slopes** **Top**  
**Rock** **Rock (scattered)**  
**Boulders** **Boulders (scattered)**  
**Positioned Boulder** **Scree**  
**Non-Coniferous Tree (surveyed)** **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)** **Coniferous Trees (not surveyed)**  
**Orchard Tree** **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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1973 - 1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment B6



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



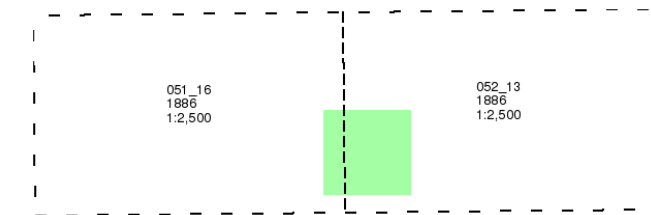
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

**Lincolnshire**  
**Published 1886**

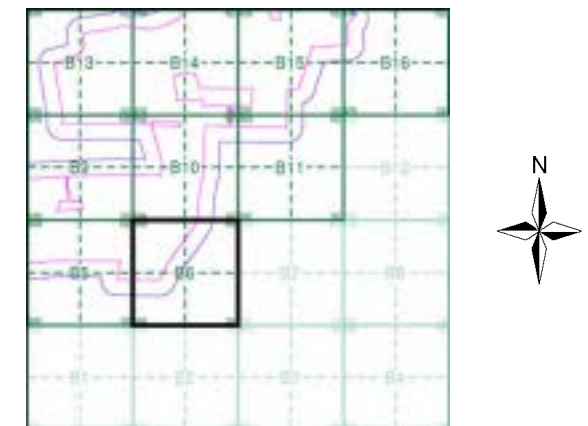
**Source map scale - 1:2,500**

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 B6**

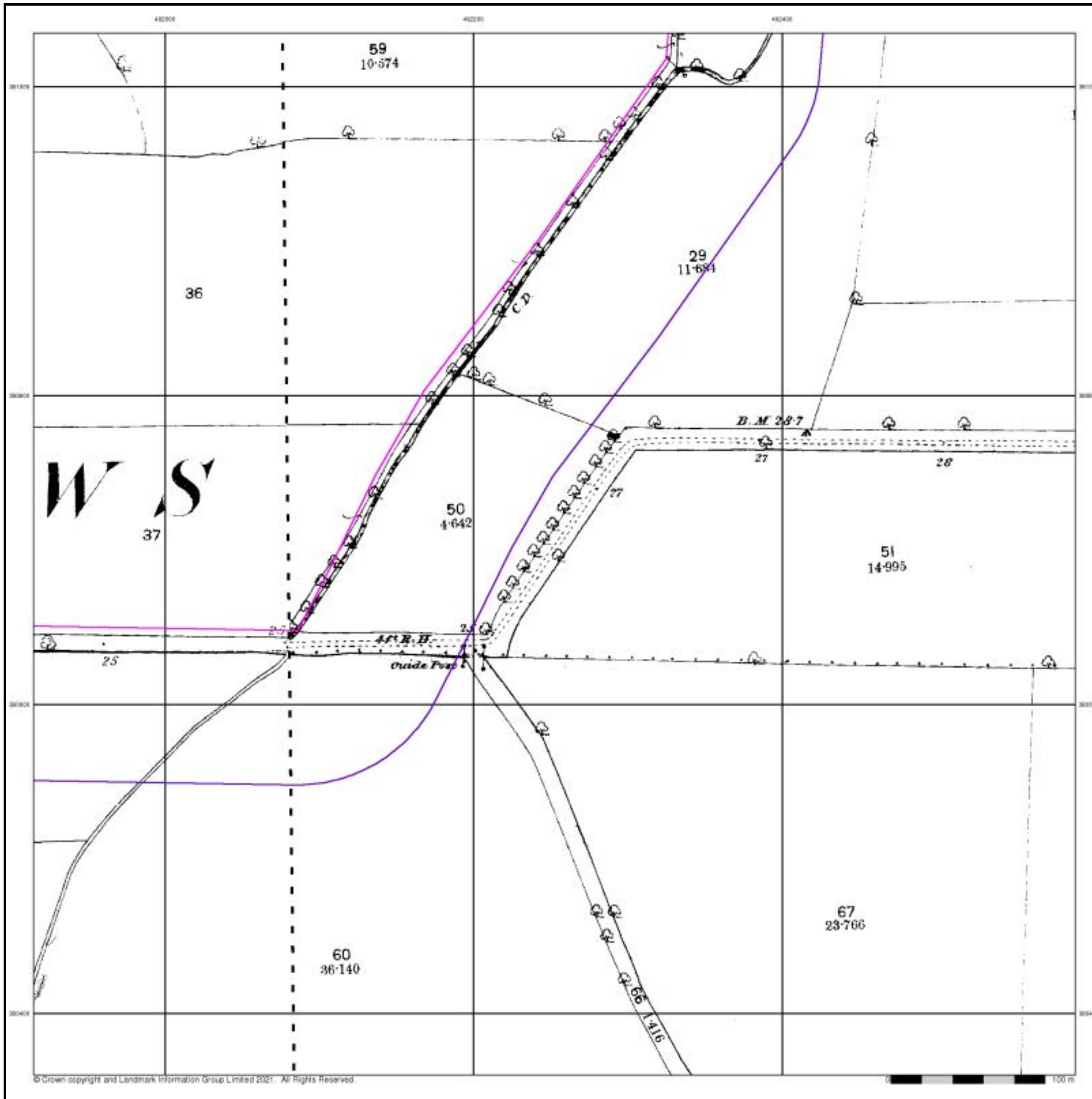


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1

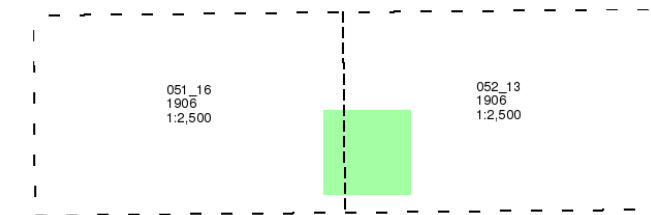


**Lincolnshire**  
**Published 1906**

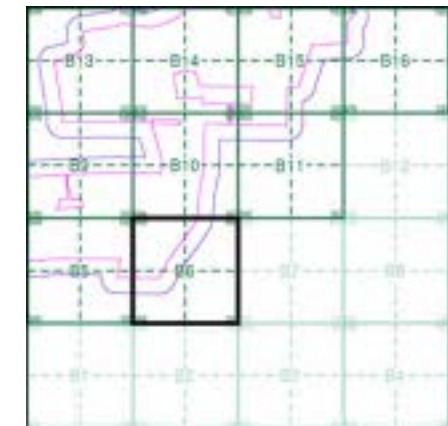
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment B6**

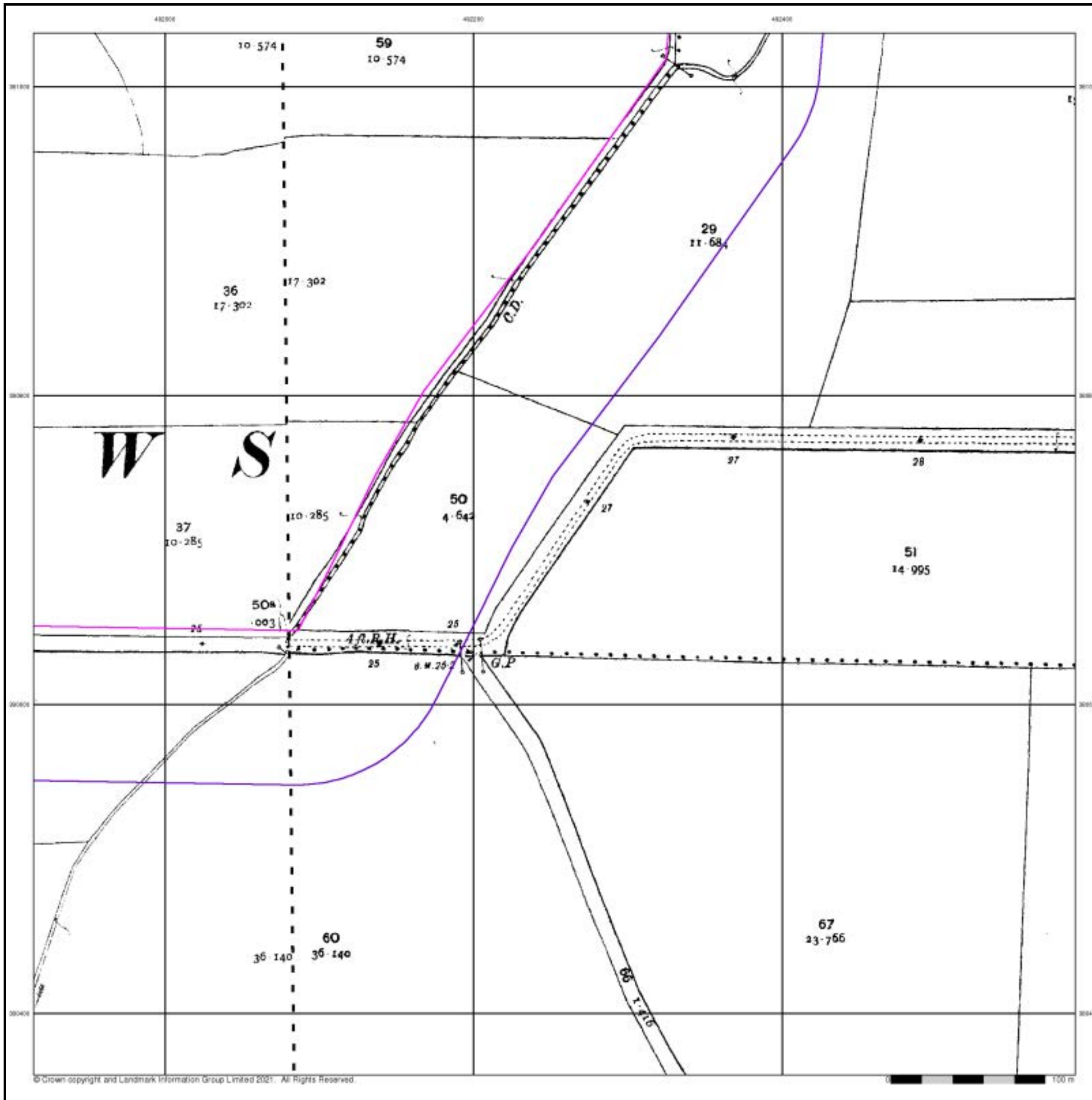


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



**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)**

SK9181 1973 1:2,500	SK9281 1974 1:2,500
SK9180 1974 1:2,500	SK9280 1973 1:2,500

**Historical Map - Segment B6**

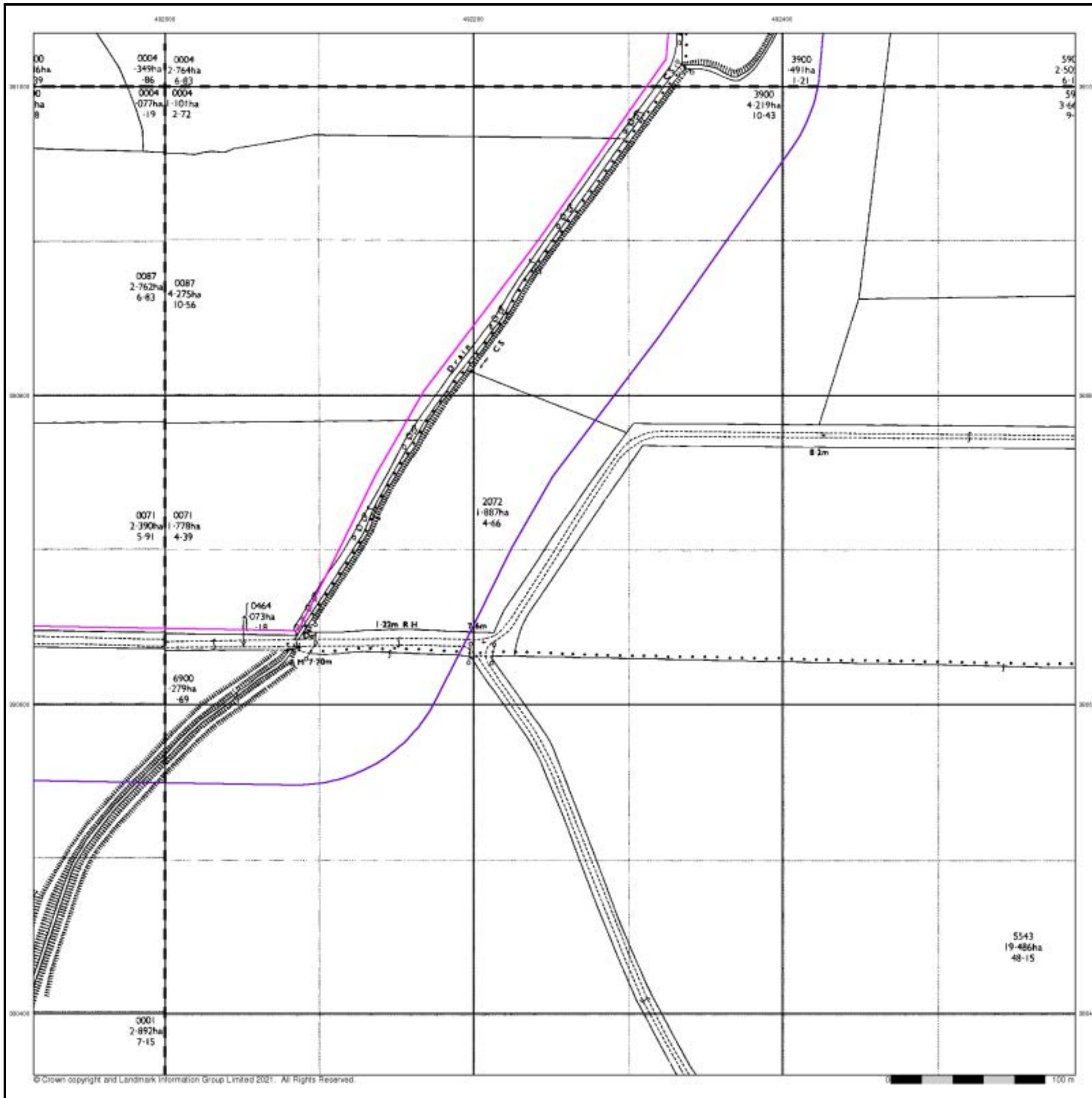


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Large-Scale National Grid Data

Published 1994

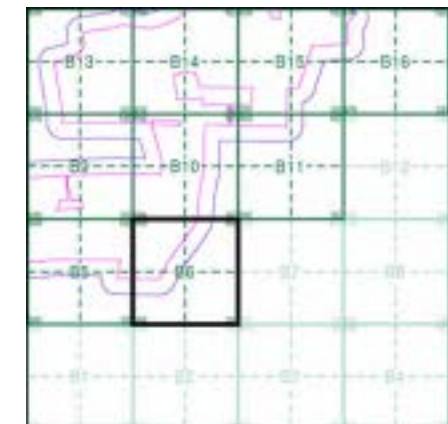
Source map scale - 1:2,500

'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)

SK9181	SK9281
1994	1994
1:2,500	1:2,500
SK9180	SK9280
1994	1994
1:2,500	1:2,500

### Historical Map - Segment B6

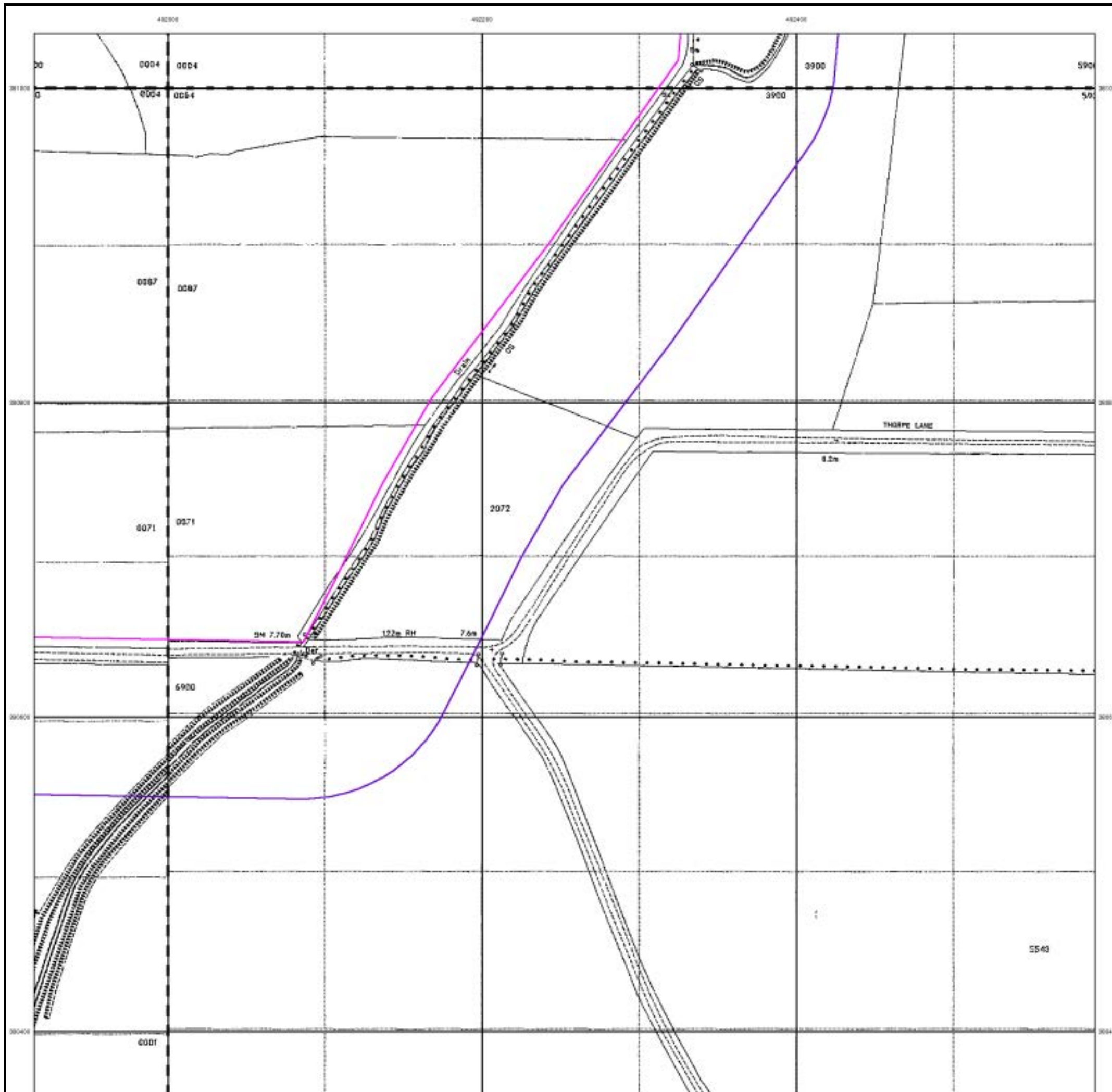


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

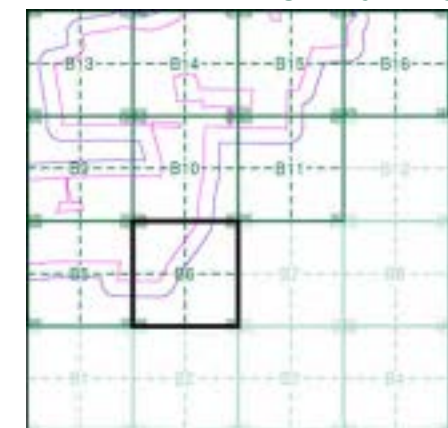
Cottam 1



## 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 B6



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





# 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

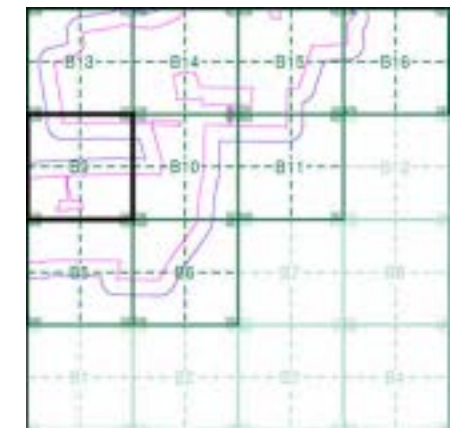
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1973	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment B9



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

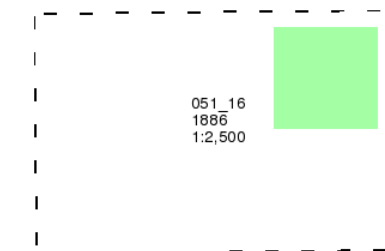
Lincolnshire

Published 1886

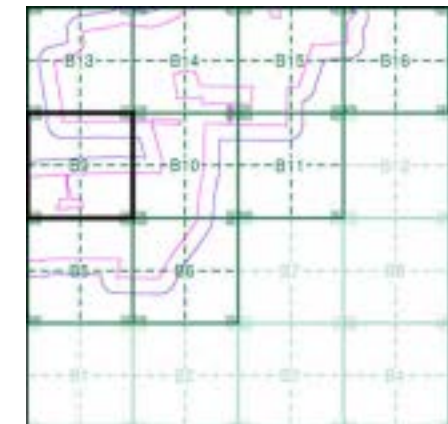
Source map scale - 1:2,500

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 B9

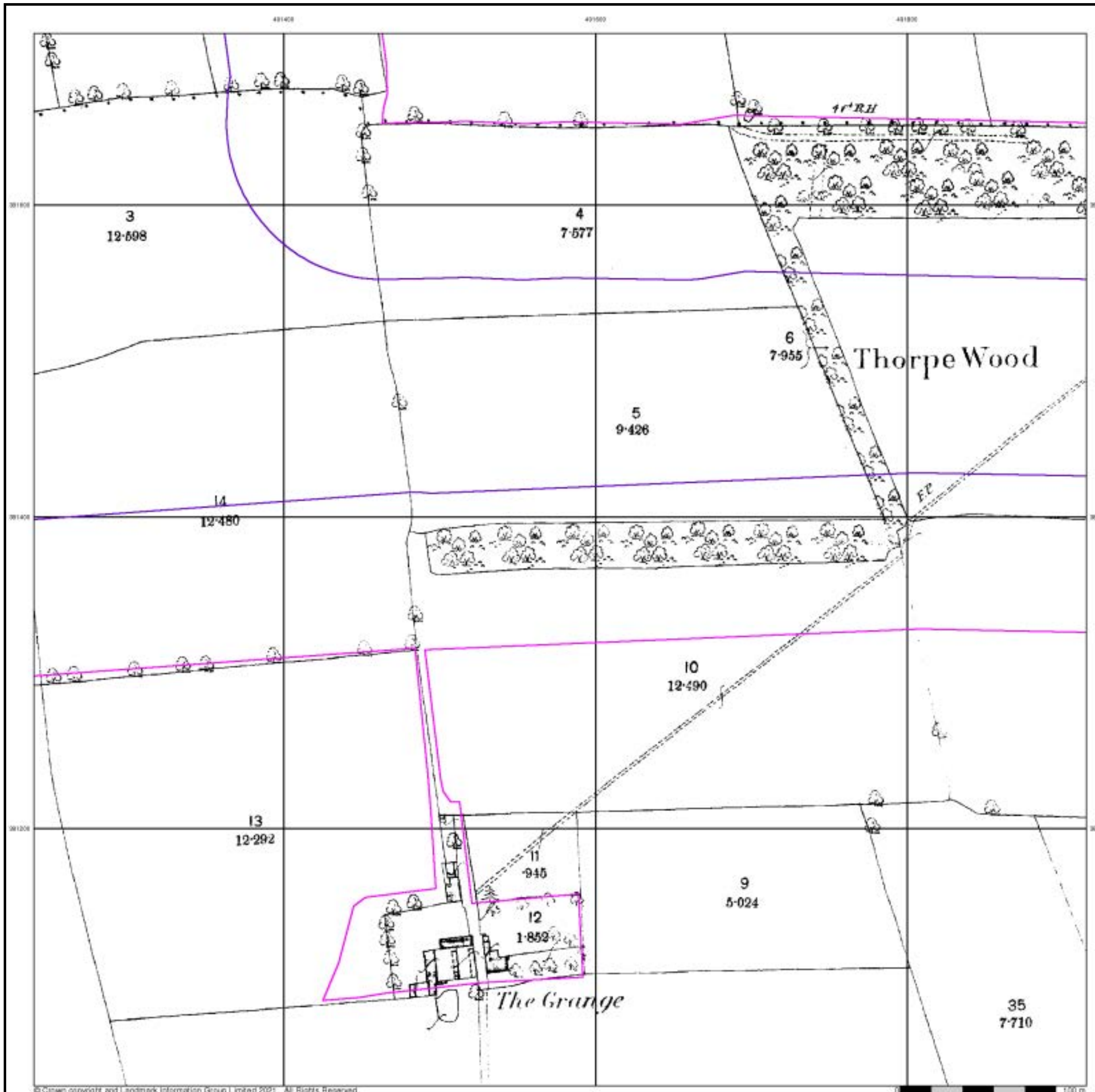


Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

Site Details

Cottam 1



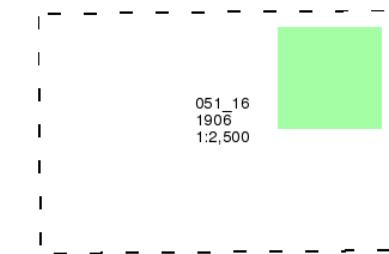
Lincolnshire

Published 1906

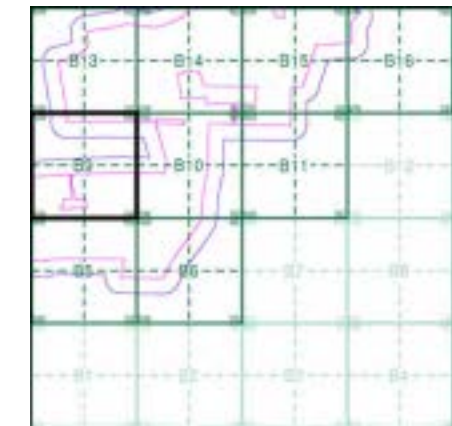
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B9

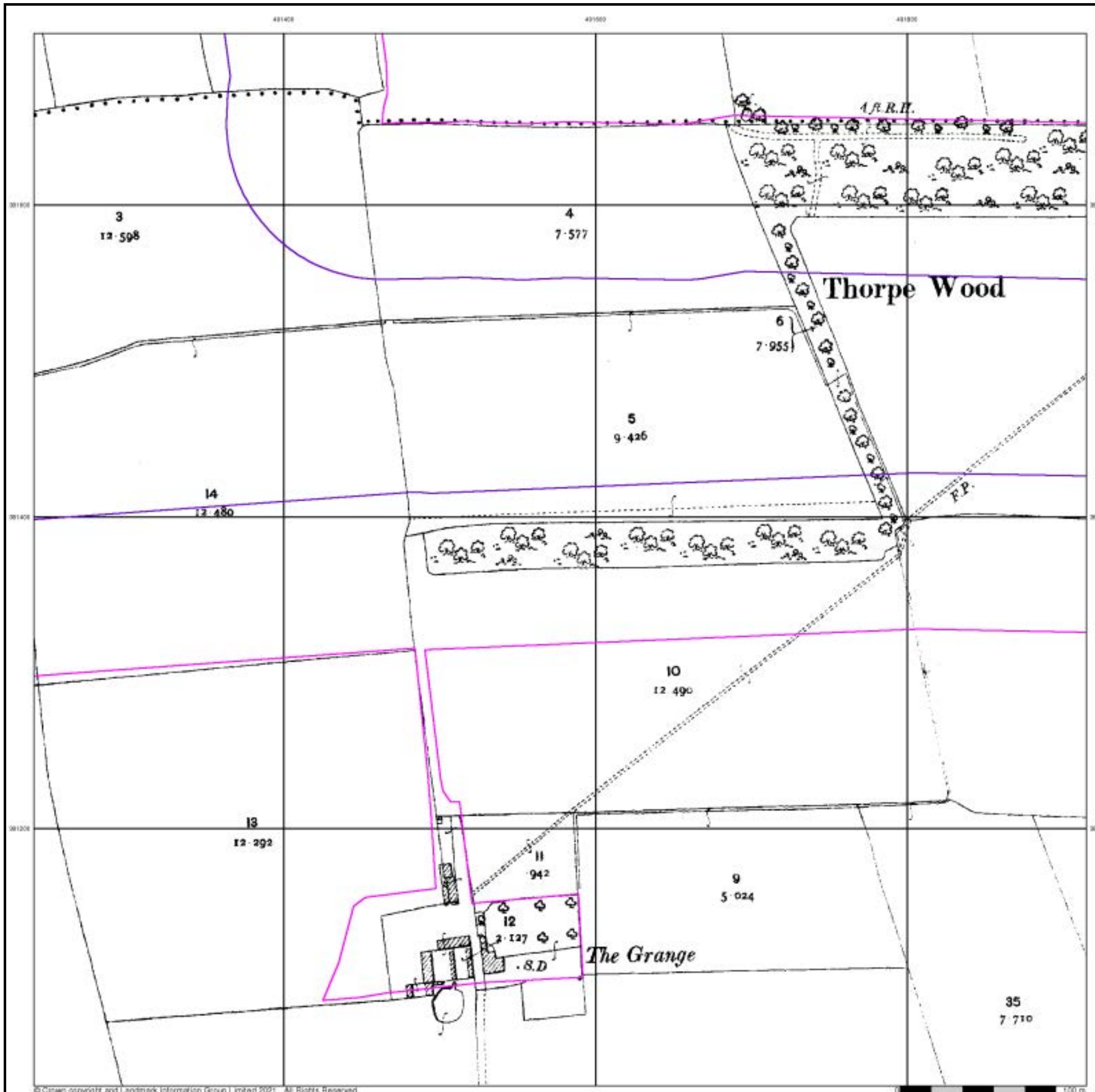


Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

Site Details

Cottam 1



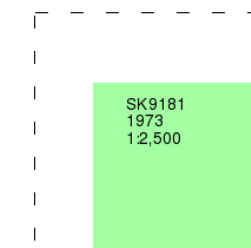
### Ordnance Survey Plan

Published 1973

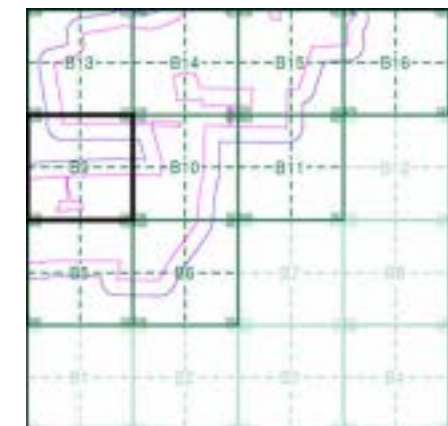
Source map scale - 1:2,500

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 B9

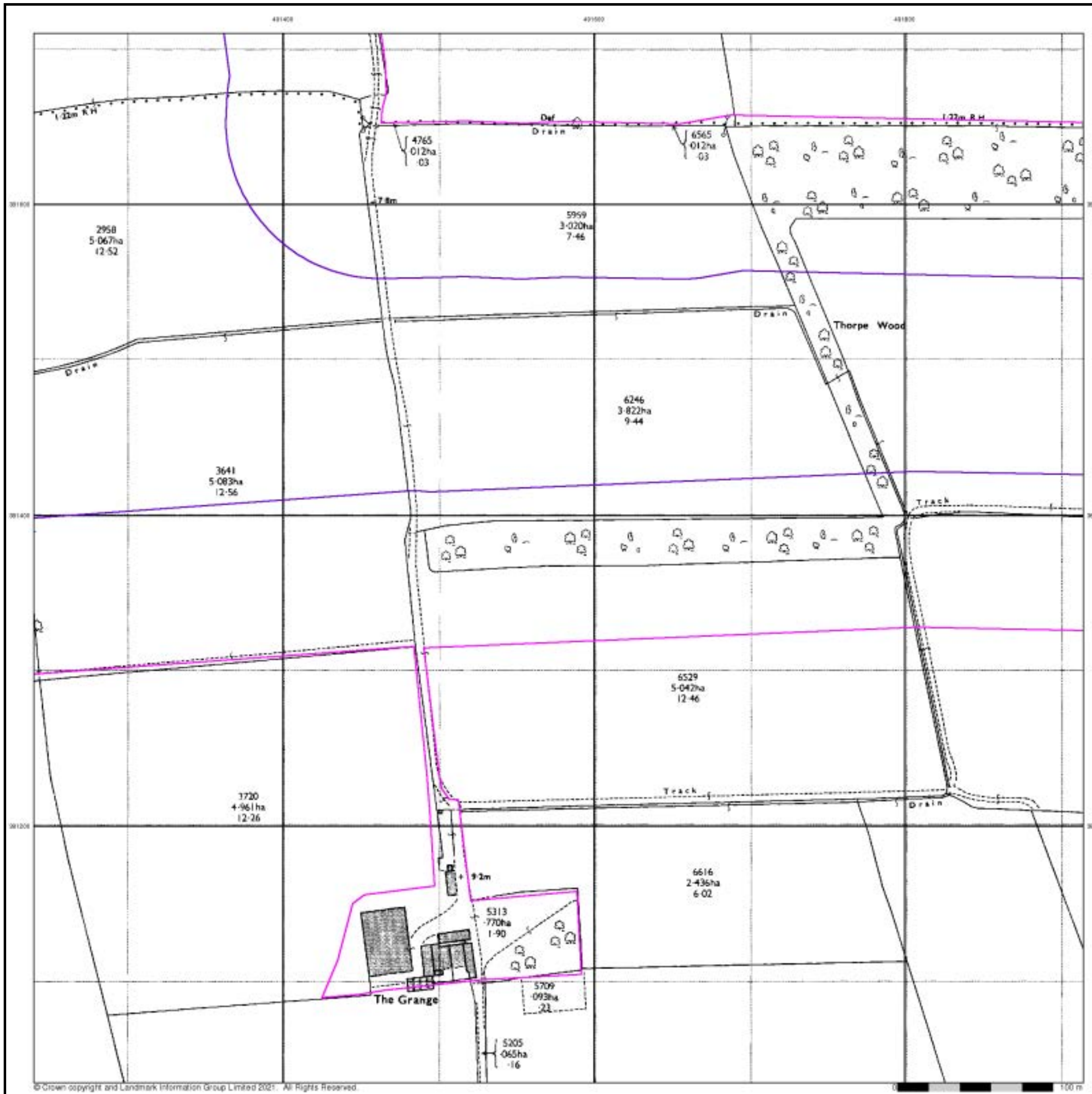


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



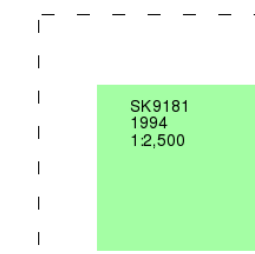
## Large-Scale National Grid Data

Published 1994

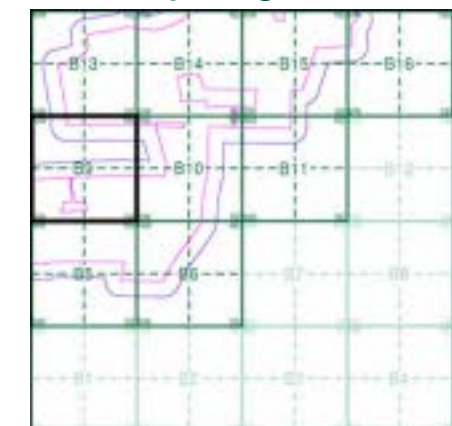
Source map scale - 1:2,500

'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 B9

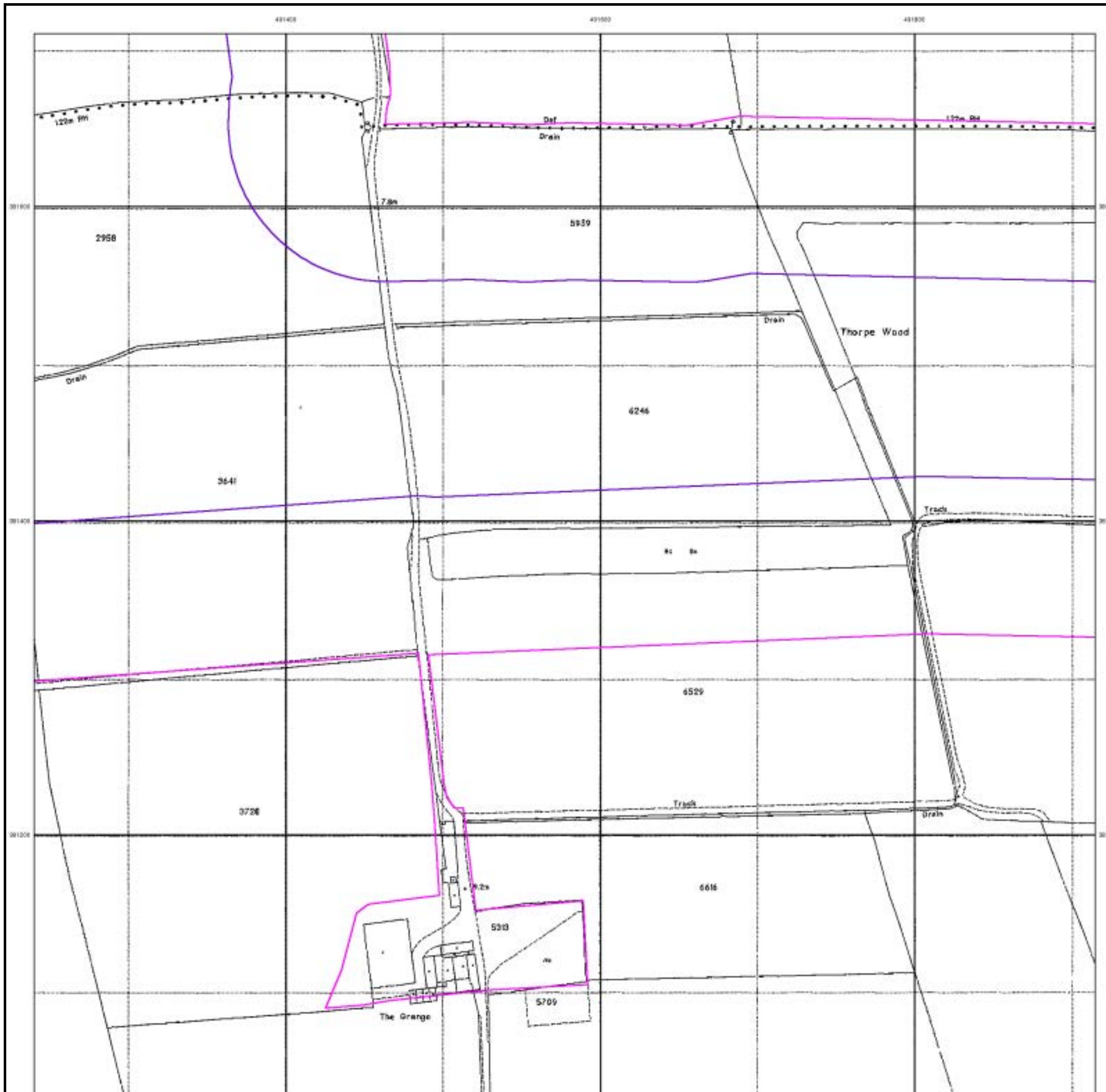


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



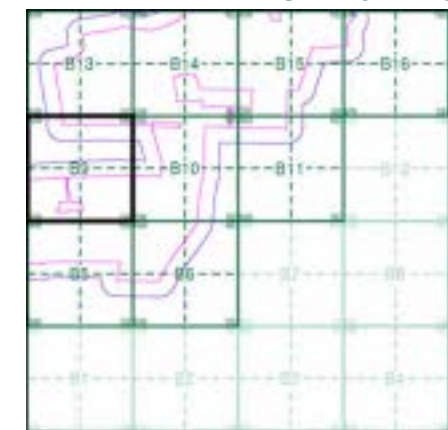
## Historical Aerial Photography

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 B9



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

# Historical Mapping Legends

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

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

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

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

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

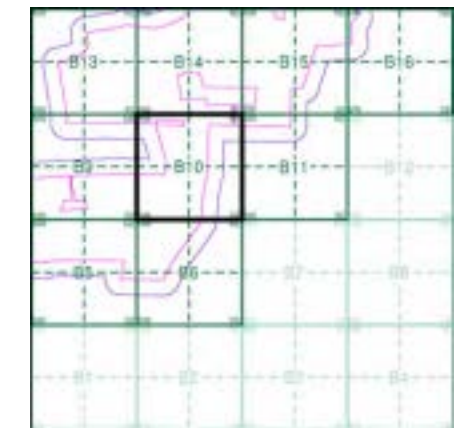
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **Bracken**  
**Coppice, Osier**   **Reeds**   **Marsh, Saltings**  
**Rough Grassland**   **Heath**   **Culvert**  
**Direction of water flow**   **Triangulation Station**   **Antiquity (site of)**  
**Electricity Transmission Line**   **Electricity Pylon**  
**BM 231.60m** Bench Mark   **Buildings with Building Seed**  
**Roofed Building**   **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks** Barracks   **P** Pillar, Pole or Post  
**Bty** Battery   **PO** Post Office  
**Cemy** Cemetery   **PC** Public Convenience  
**Chy** Chimney   **Pp** Pump  
**Cis** Cistern   **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway   **PW** Place of Worship  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1973 - 1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment B10



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

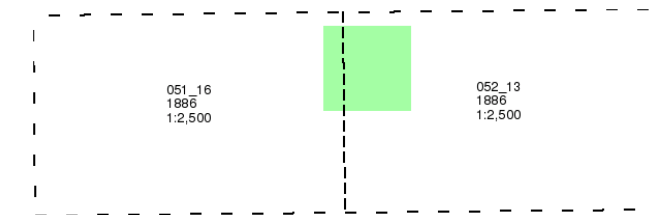
Lincolnshire

Published 1886

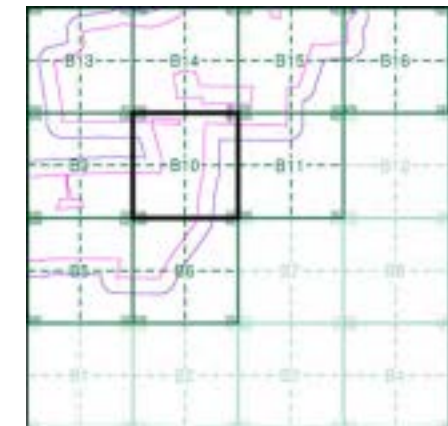
Source map scale - 1:2,500

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 B10

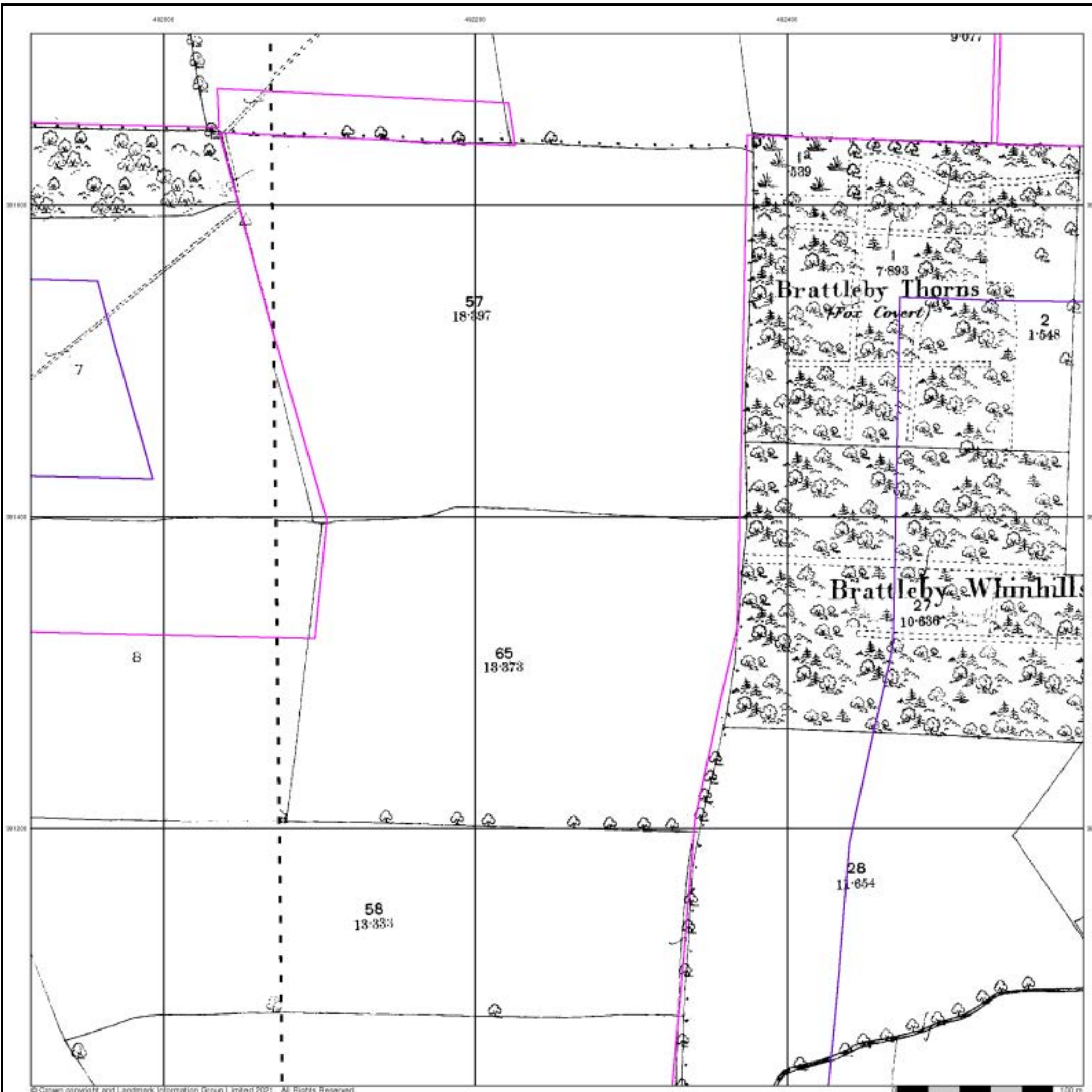


Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

Site Details

Cottam 1





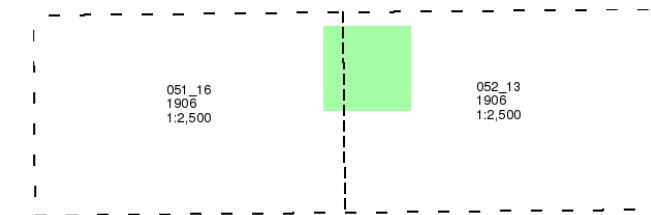
Lincolnshire

Published 1906

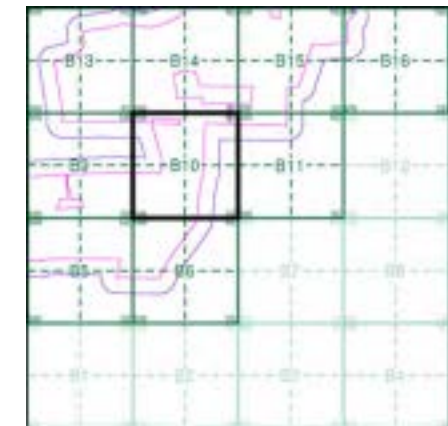
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B10

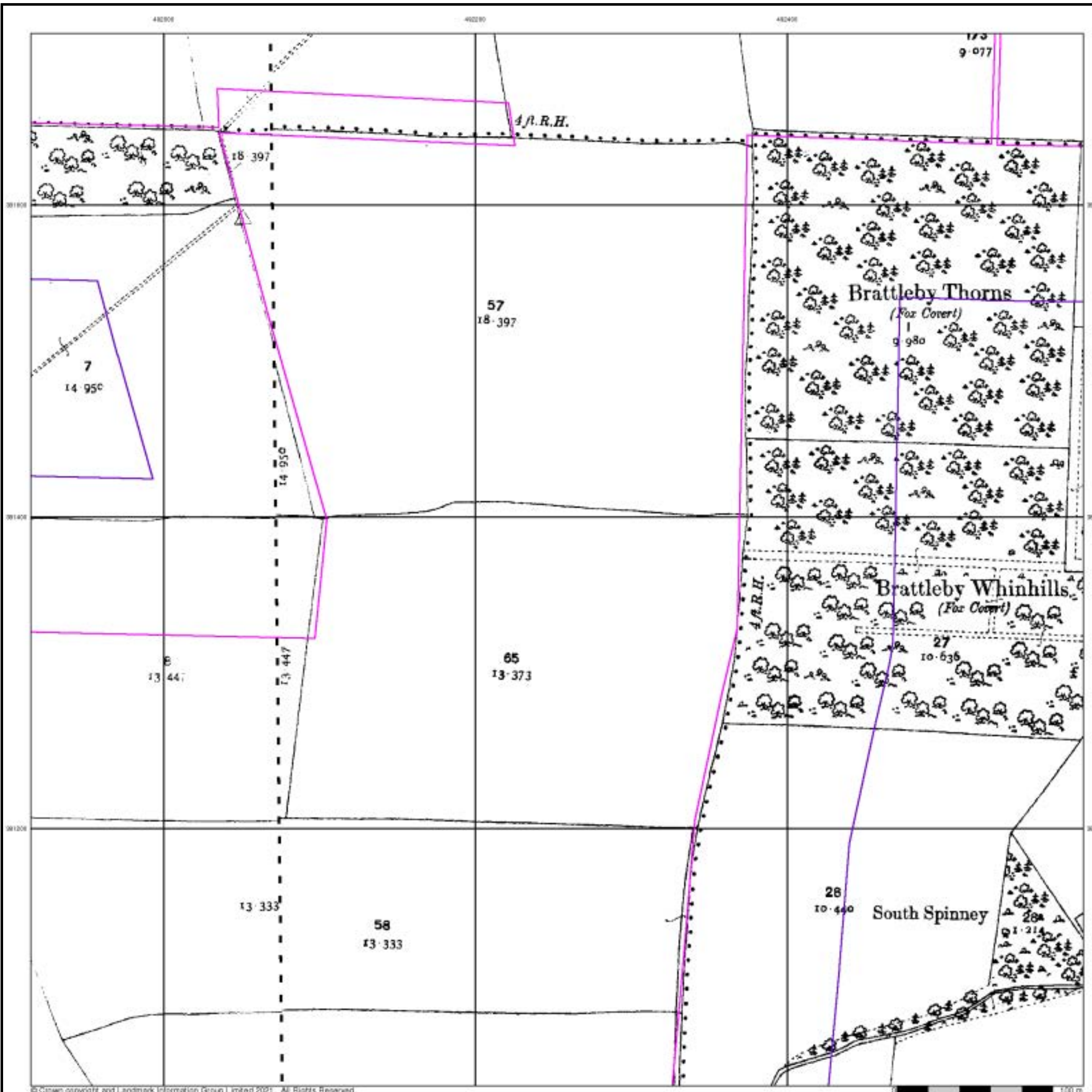


Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

Site Details

Cottam 1



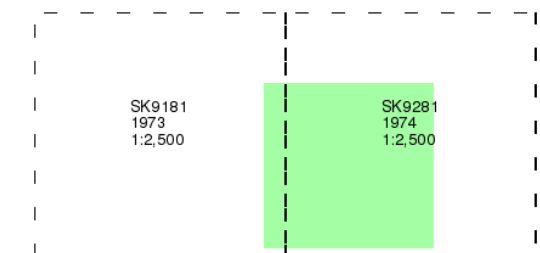
### Ordnance Survey Plan

Published 1973 - 1974

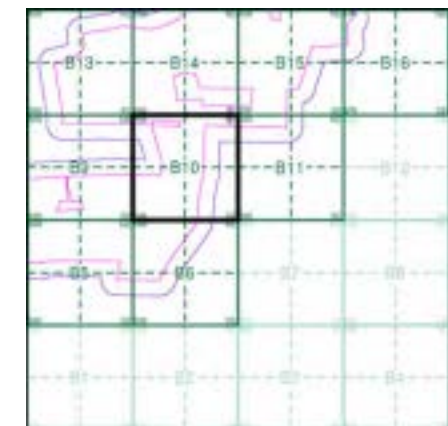
Source map scale - 1:2,500

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)



### Historical Map - Segment B10

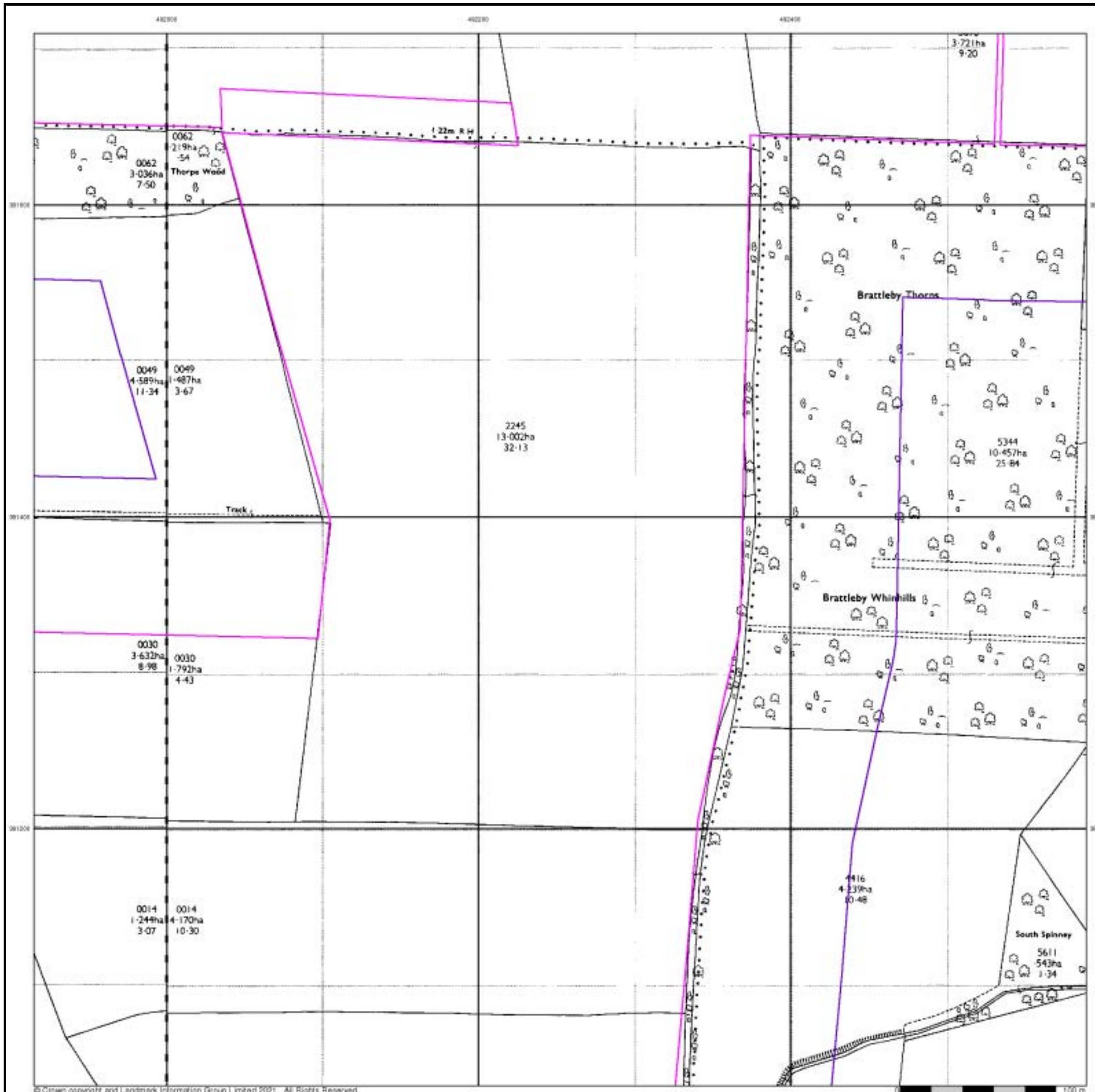


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



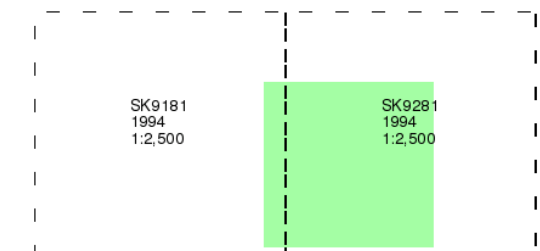
## Large-Scale National Grid Data

Published 1994

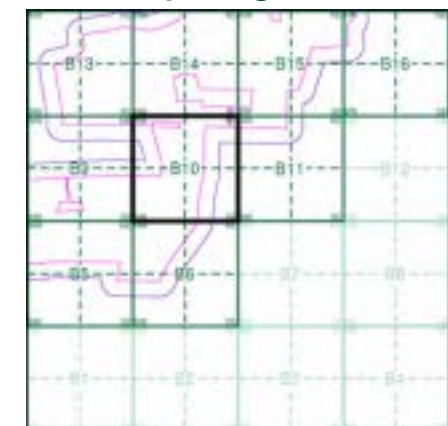
Source map scale - 1:2,500

'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 B10



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

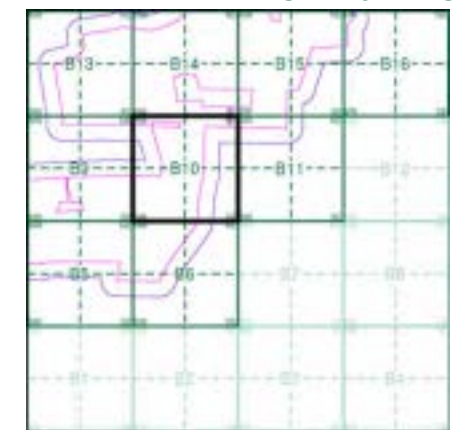


## Historical Aerial Photography

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 B10

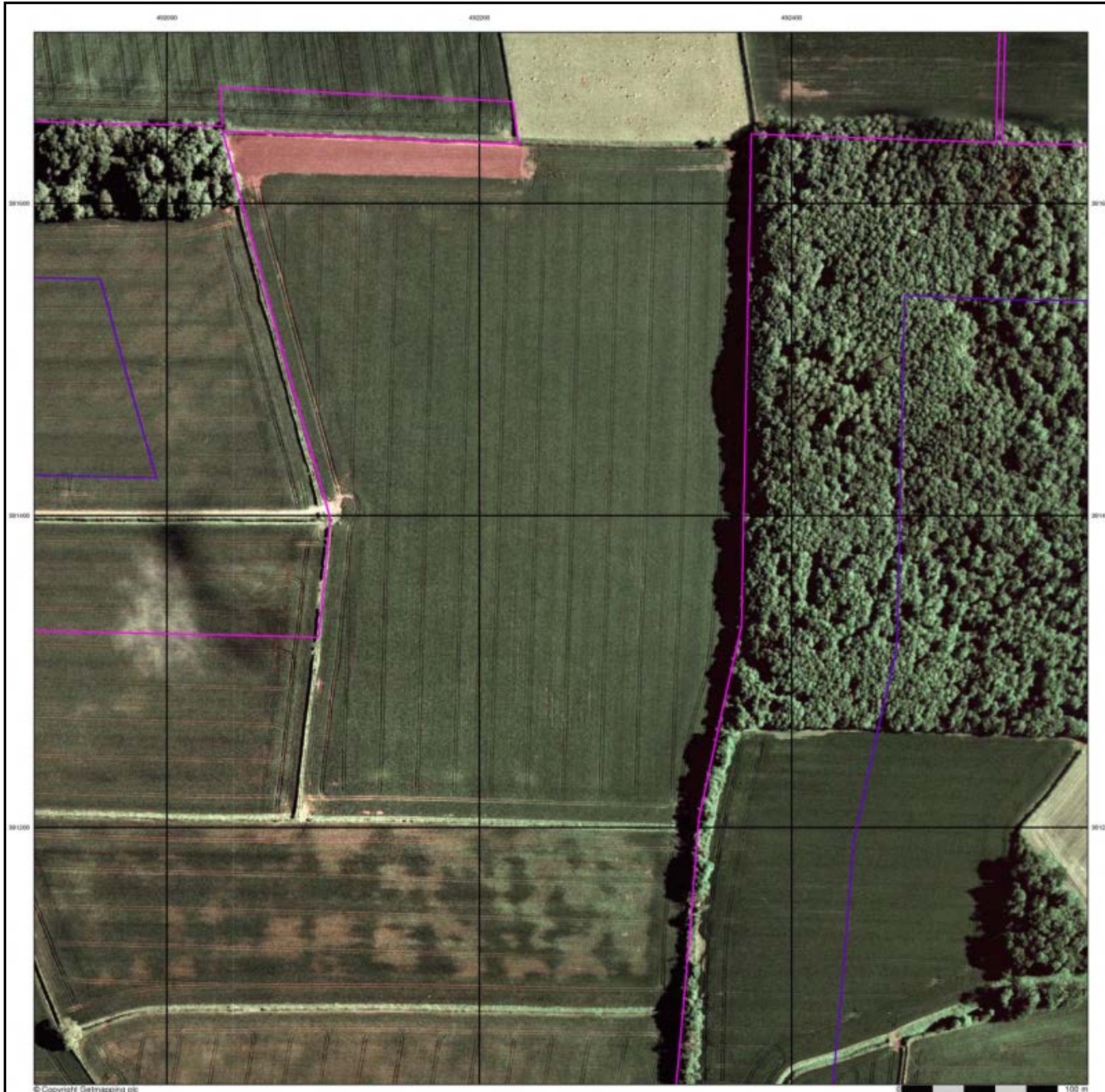


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# 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**  
**Beer House**   **Pillar, Pole or Post**  
**Boundary Post or Stone**   **Post Office**  
**Capstan, Crane**   **Public Convenience**  
**Chimney**   **Public House**  
**Drinking Fountain**   **Pump**  
**Electricity Pillar or Post**   **Signal Box or Bridge**  
**Fire Alarm Pillar**   **Signal Post or Light**  
**Foot Bridge**   **Spring**  
**Guide Post**   **Tank or Track**  
**Hydrant or Hydraulic**   **Telephone Call Box**  
**Level Crossing**   **Telephone Call Post**  
**Manhole**   **Trough**  
**Mile Post or Mooring Post**   **Water Point, Water Tap**  
**Mile Stone**   **Well**  
**Normal Tidal Limit**   **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**  
**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)**  
**Barracks**   **Pillar, Pole or Post**  
**Battery**   **Post Office**  
**Cemetery**   **Public Convenience**  
**Chimney**   **Pump**  
**Cistern**   **Pumping Station**  
**Dismtd Rly**   **Place of Worship**  
**Electricity Generating Station**   **Sewage Pumping Station**  
**Electricity Pole, Pillar**   **Signal Box or Bridge**  
**Electricity Sub Station**   **Signal Post or Light**  
**Filter Bed**   **Spring**  
**Fountain / Drinking Ftn.**   **Tank or Track**  
**Gas Valve Compound**   **Trough**  
**Gas Governor**   **Wind Pump**  
**Guide Post**   **Water Point, Water Tap**  
**Manhole**   **Works (building or area)**  
**Mile Post or Mile Stone**   **Well**



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment B11



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

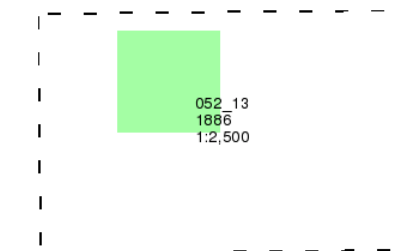
## Lincolnshire

Published 1886

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

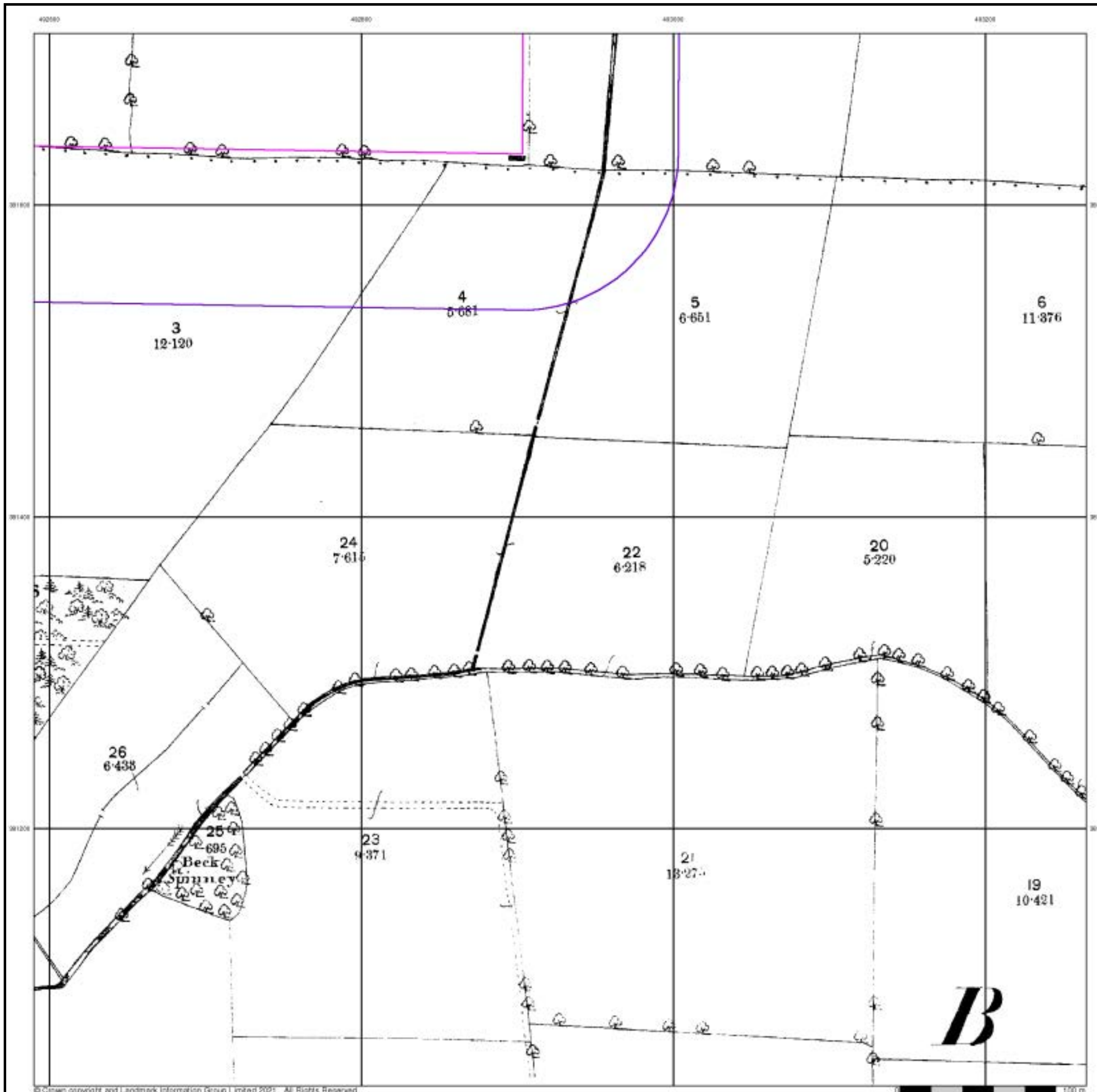


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



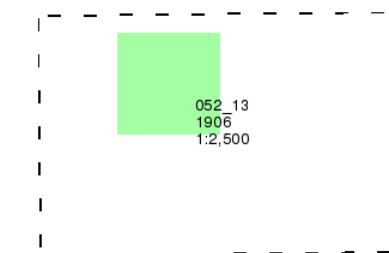
## Lincolnshire

Published 1906

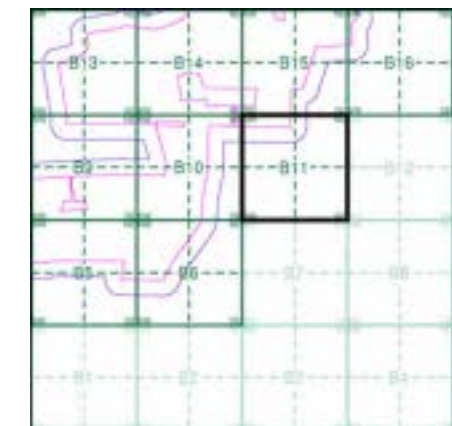
Source map scale - 1:2,500

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

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



### Historical Map - Segment B11

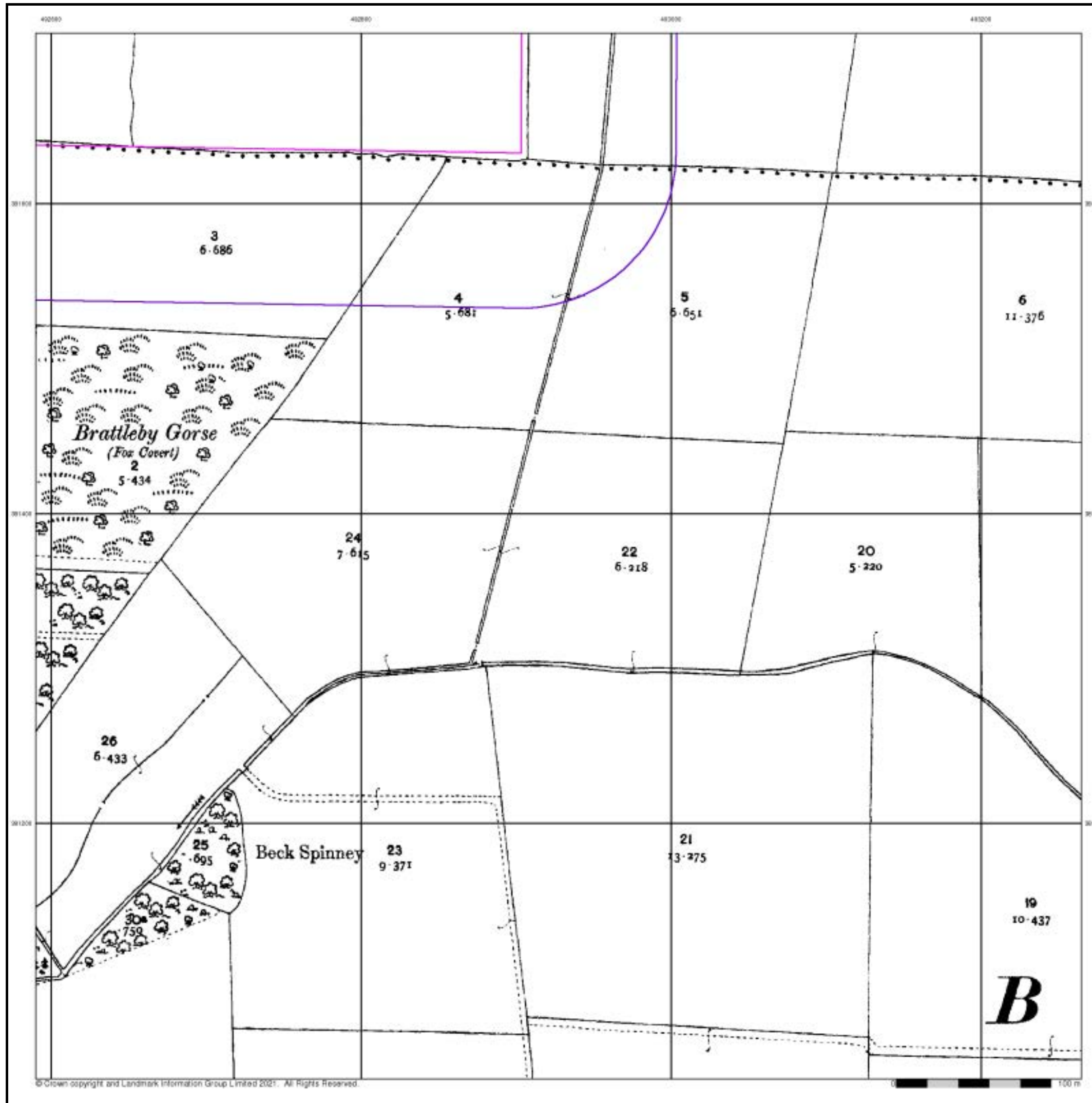


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



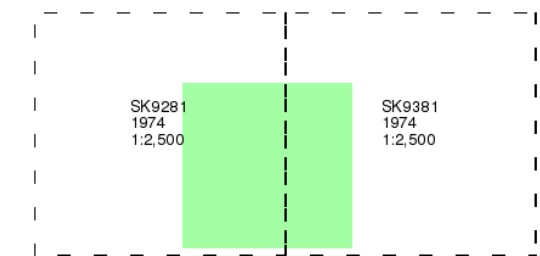
### Ordnance Survey Plan

Published 1974

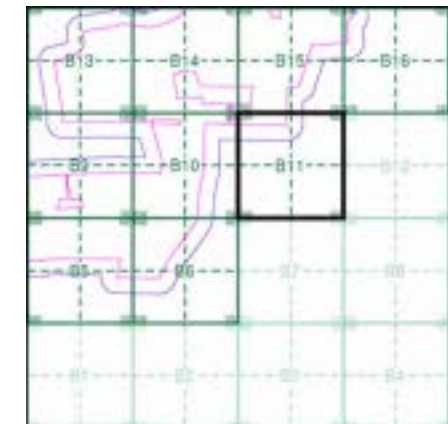
Source map scale - 1:2,500

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

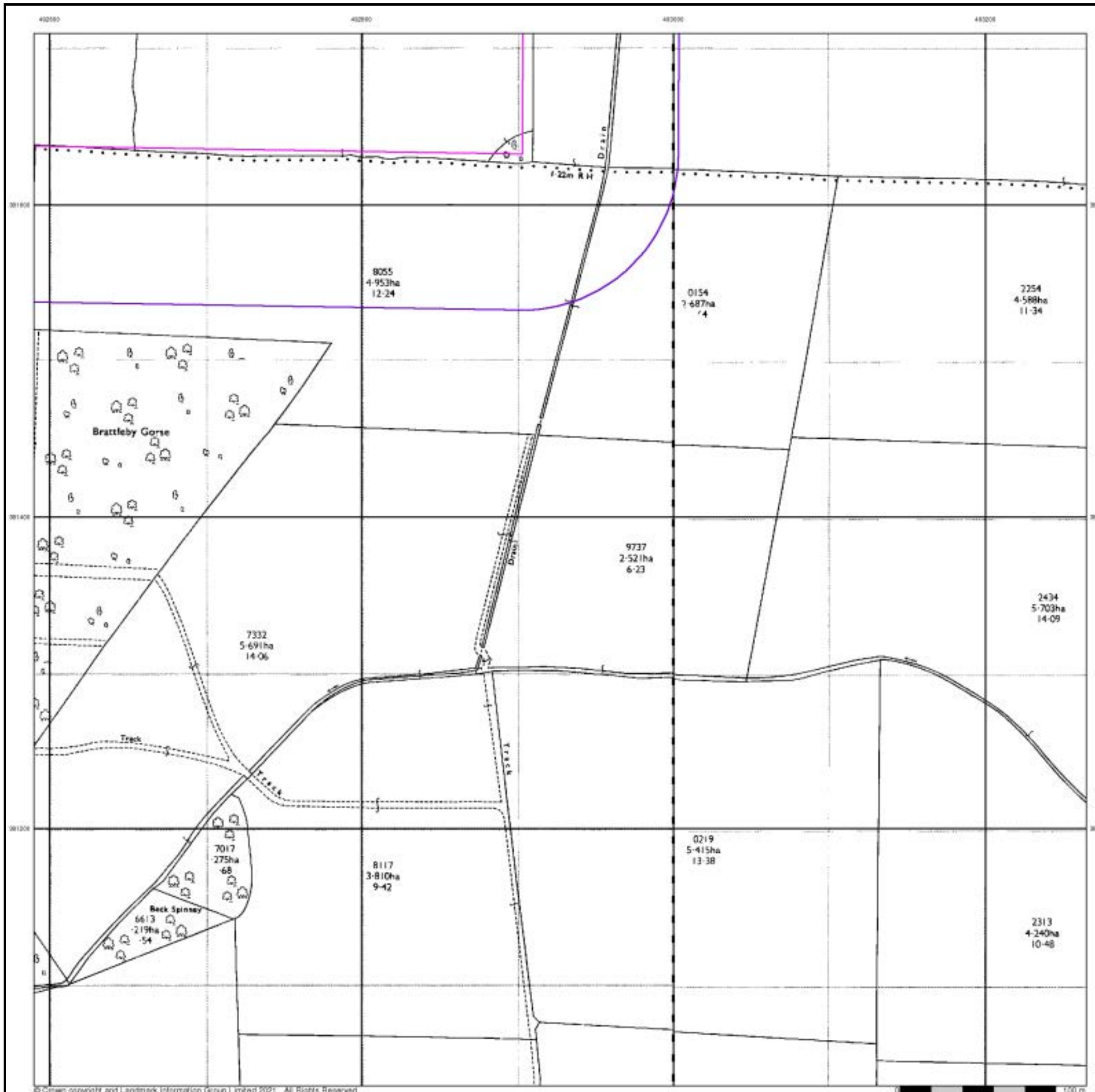


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





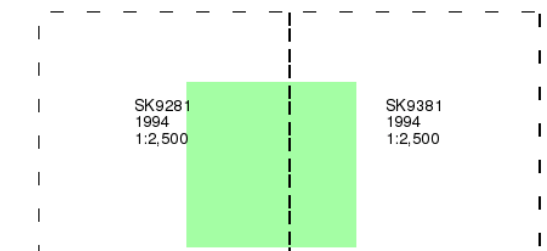
## Large-Scale National Grid Data

Published 1994

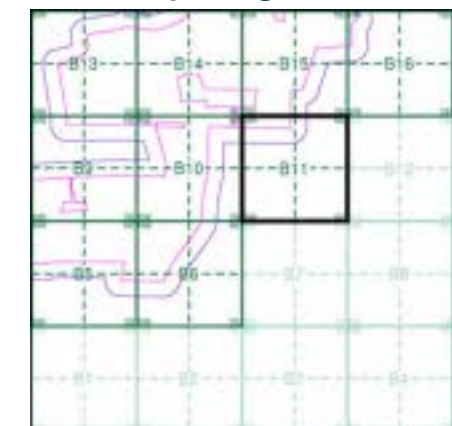
Source map scale - 1:2,500

'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: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

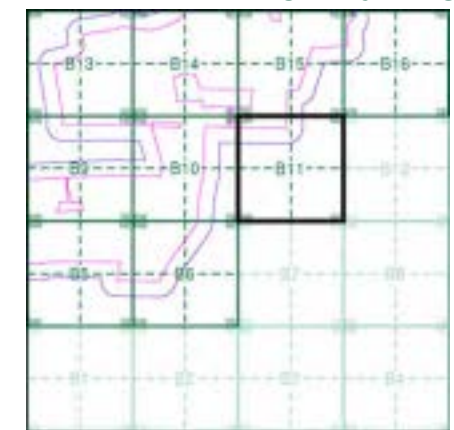
Cottam 1



## 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

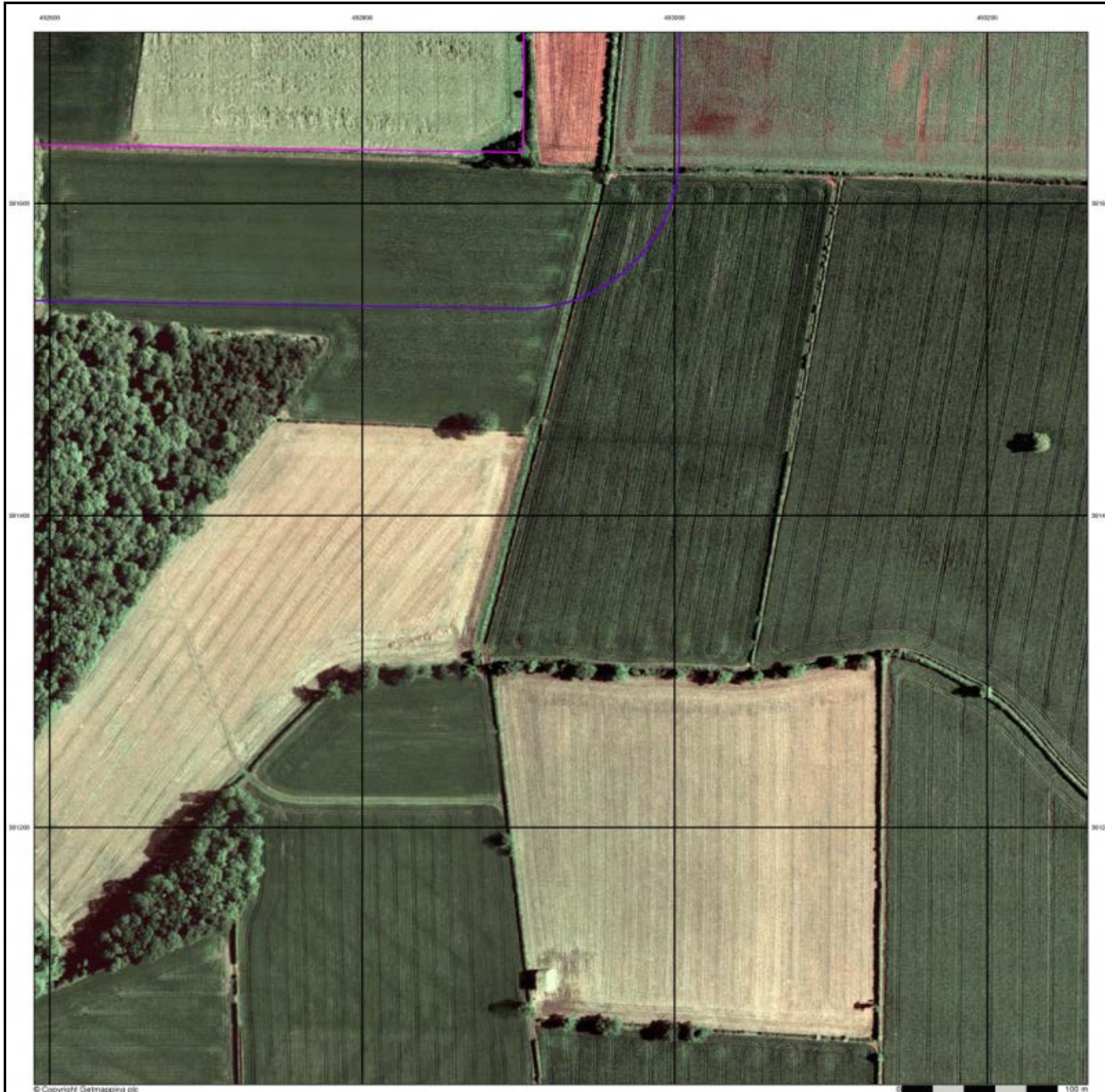


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



492000

492000

492000

492000

381500

381500

381500

381500

381200

381200

# 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

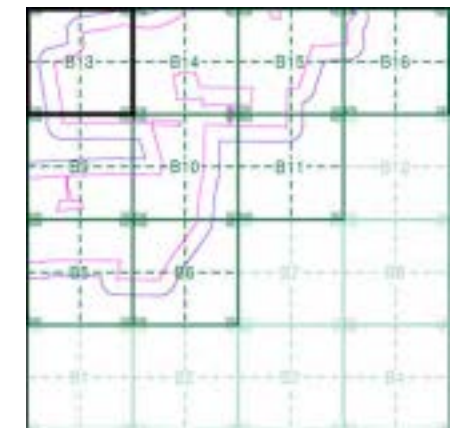
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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**  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1973 - 1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment B13



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

**Lincolnshire**  
**Published 1886**

**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)**

051_12	1886	1:2,500
051_16	1886	1:2,500

**Historical Map - Segment B13**

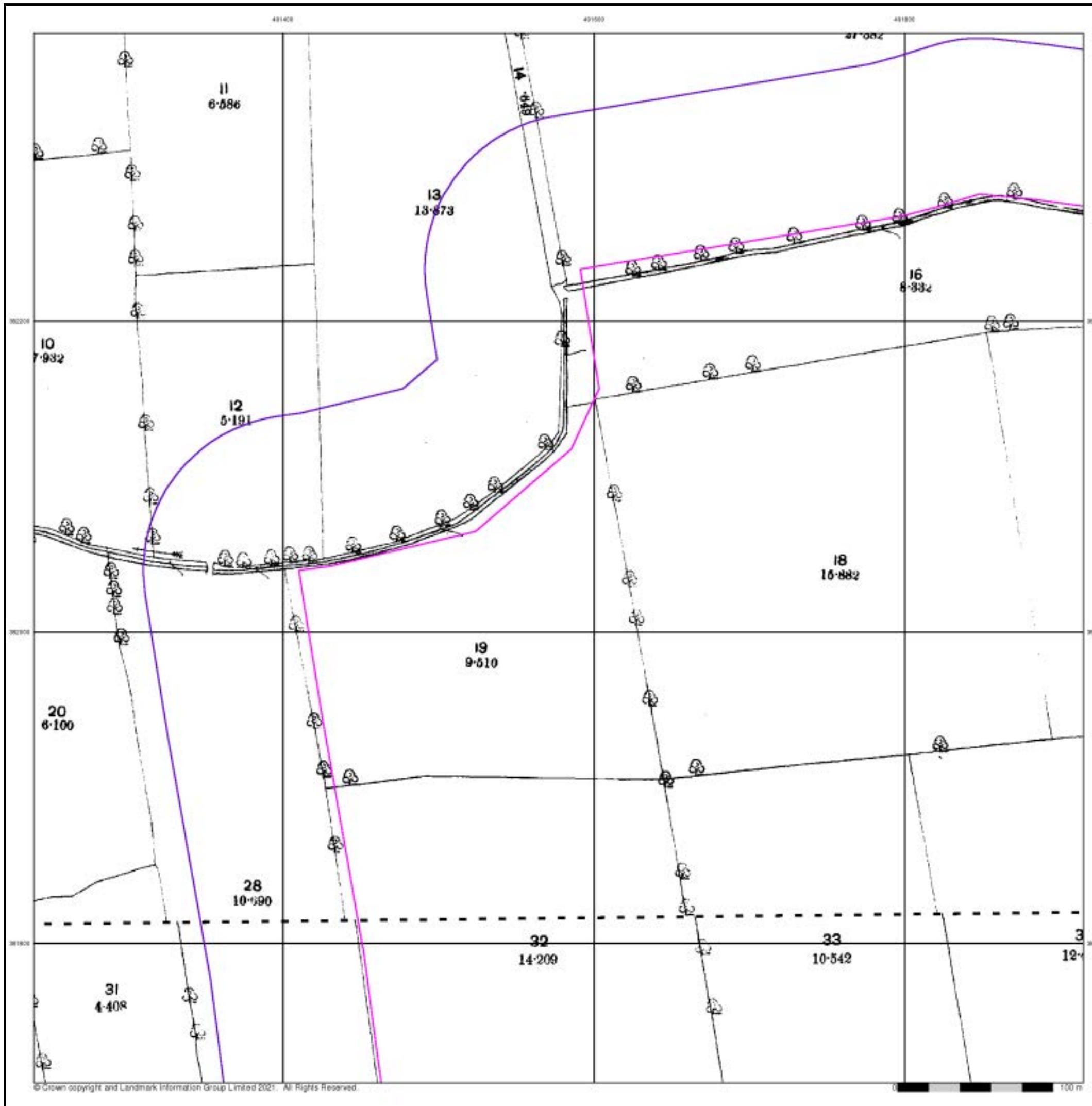


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Lincolnshire

Published 1906

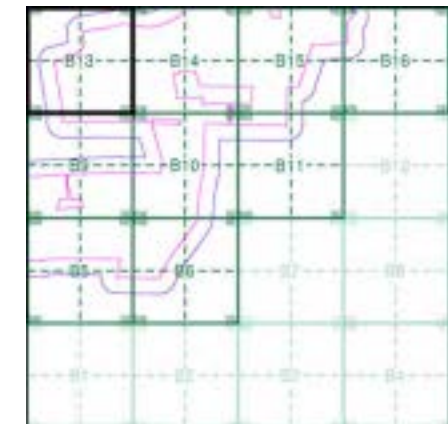
Source map scale - 1:2,500

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

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

051_12	1906	1:2,500
051_16	1906	1:2,500

### Historical Map - Segment B13

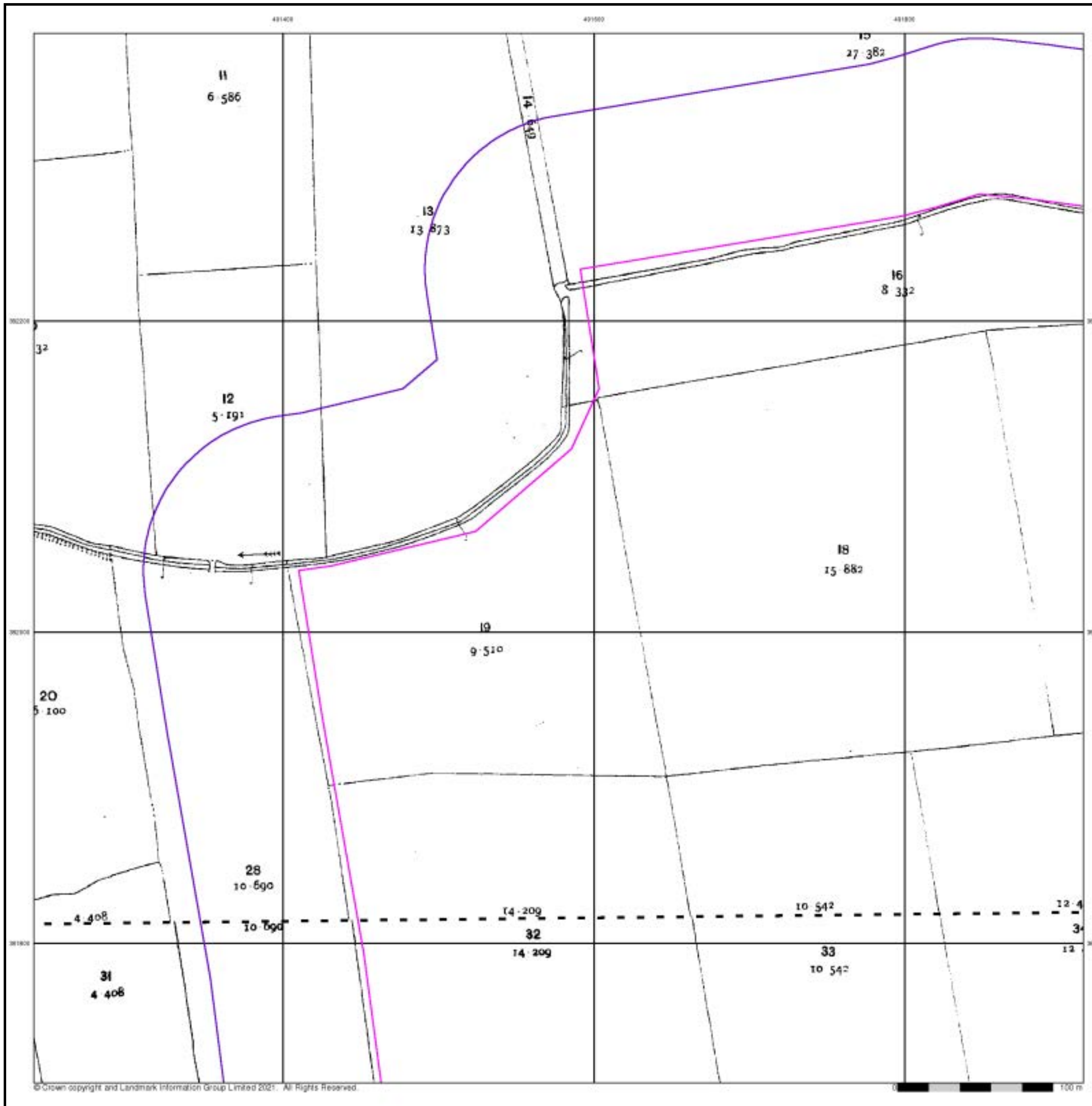


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



### Ordnance Survey Plan

Published 1973 - 1974

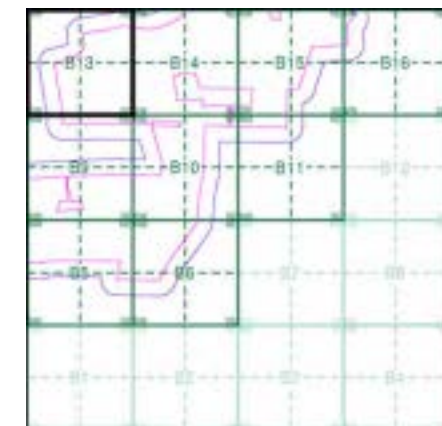
Source map scale - 1:2,500

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)

SK9182
1974
1:2,500
SK9181
1973
1:2,500

### Historical Map - Segment B13

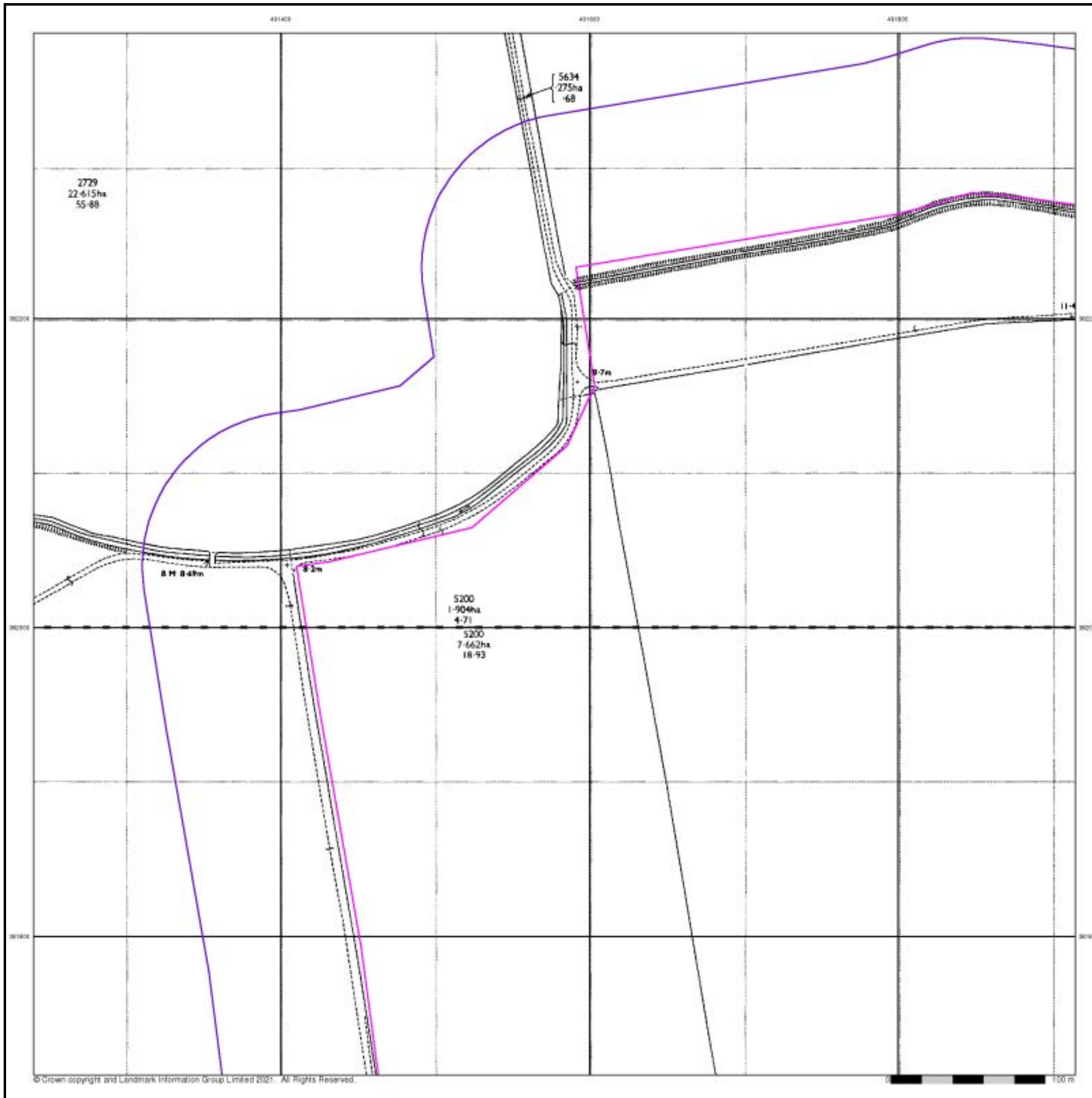


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

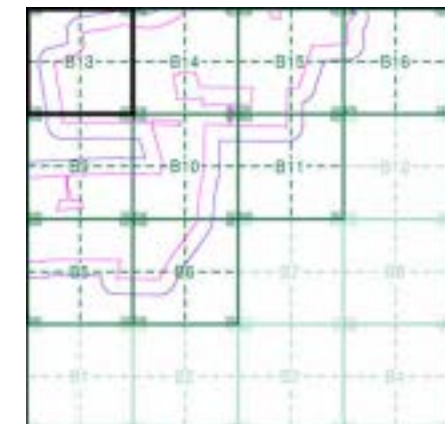
Source map scale - 1:2,500

'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)

SK9182	1994	1:2,500
SK9181	1994	1:2,500

### Historical Map - Segment B13

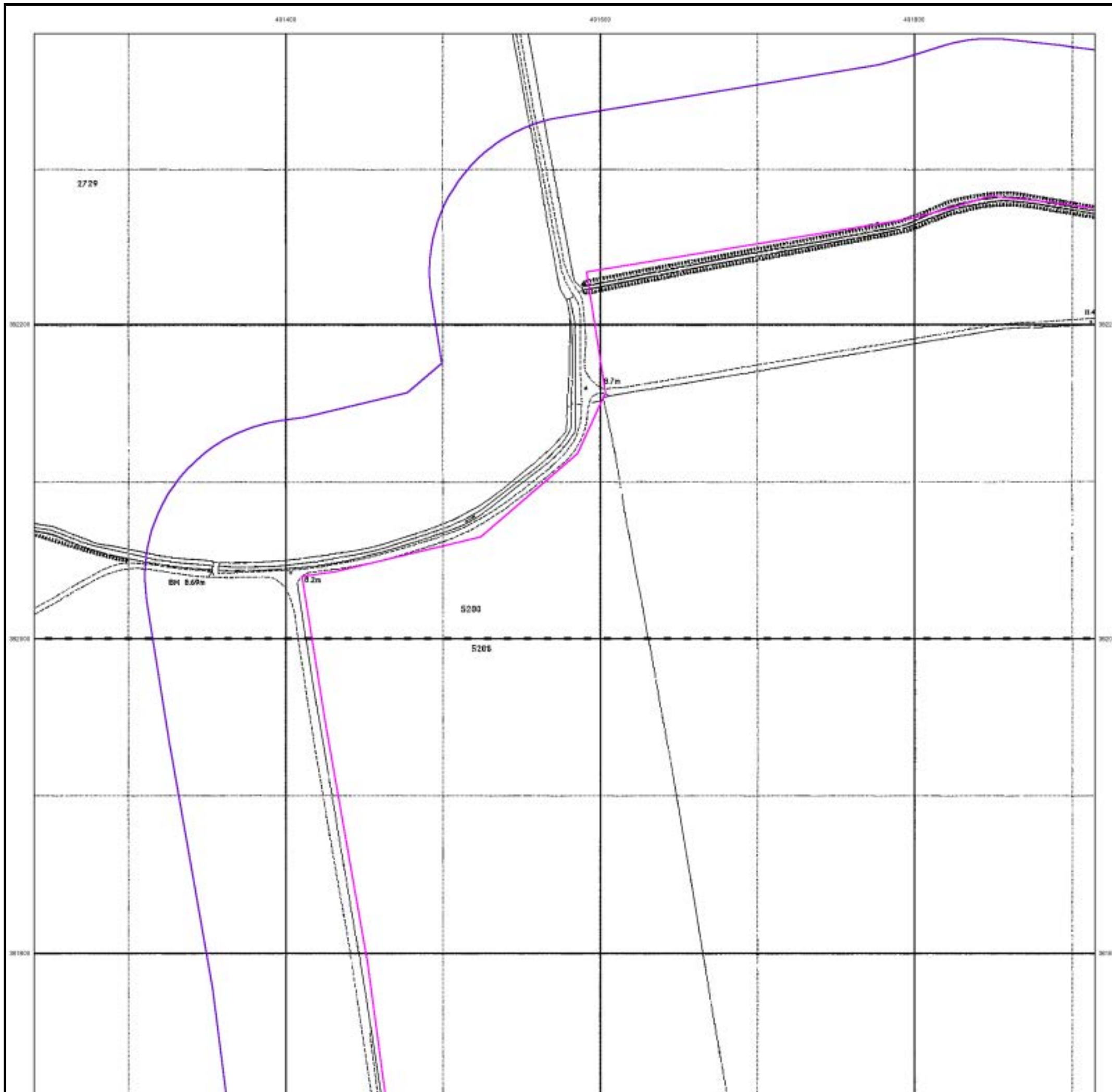


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



491400 491600 491800



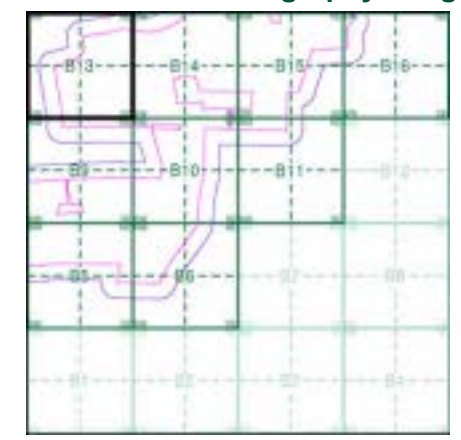
382000  
383000  
384000



### 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 B13



### Order Details

Order Number: 287330989\_1\_1  
Customer Ref: 21-1088.02  
National Grid Reference: 492150, 381560  
Slice: B  
Site Area (Ha): 884.45  
Search Buffer (m): 100

### Site Details

Cottam 1



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)**  
**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

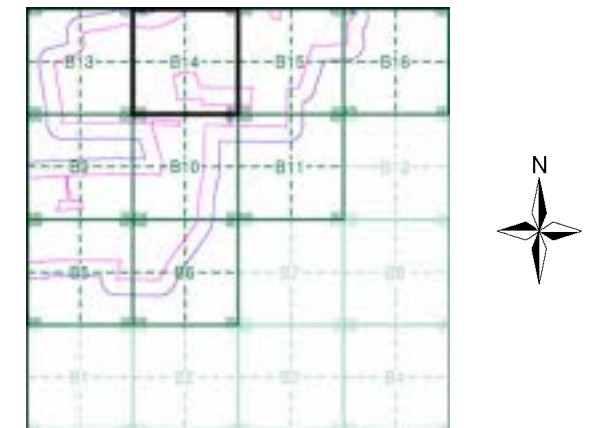
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1973 - 1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment B14



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

## Lincolnshire

Published 1886

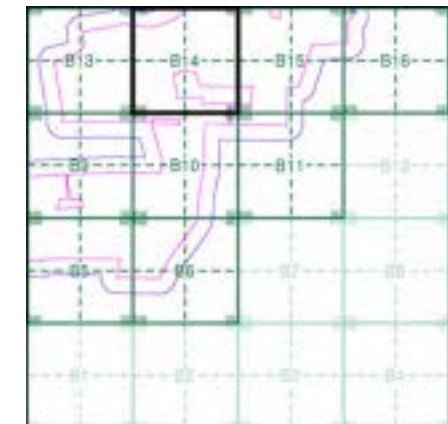
Source map scale - 1:2,500

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)

051_12 1886 1:2,500	052_09 1886 1:2,500
051_16 1886 1:2,500	052_13 1886 1:2,500

### Historical Map - Segment B14

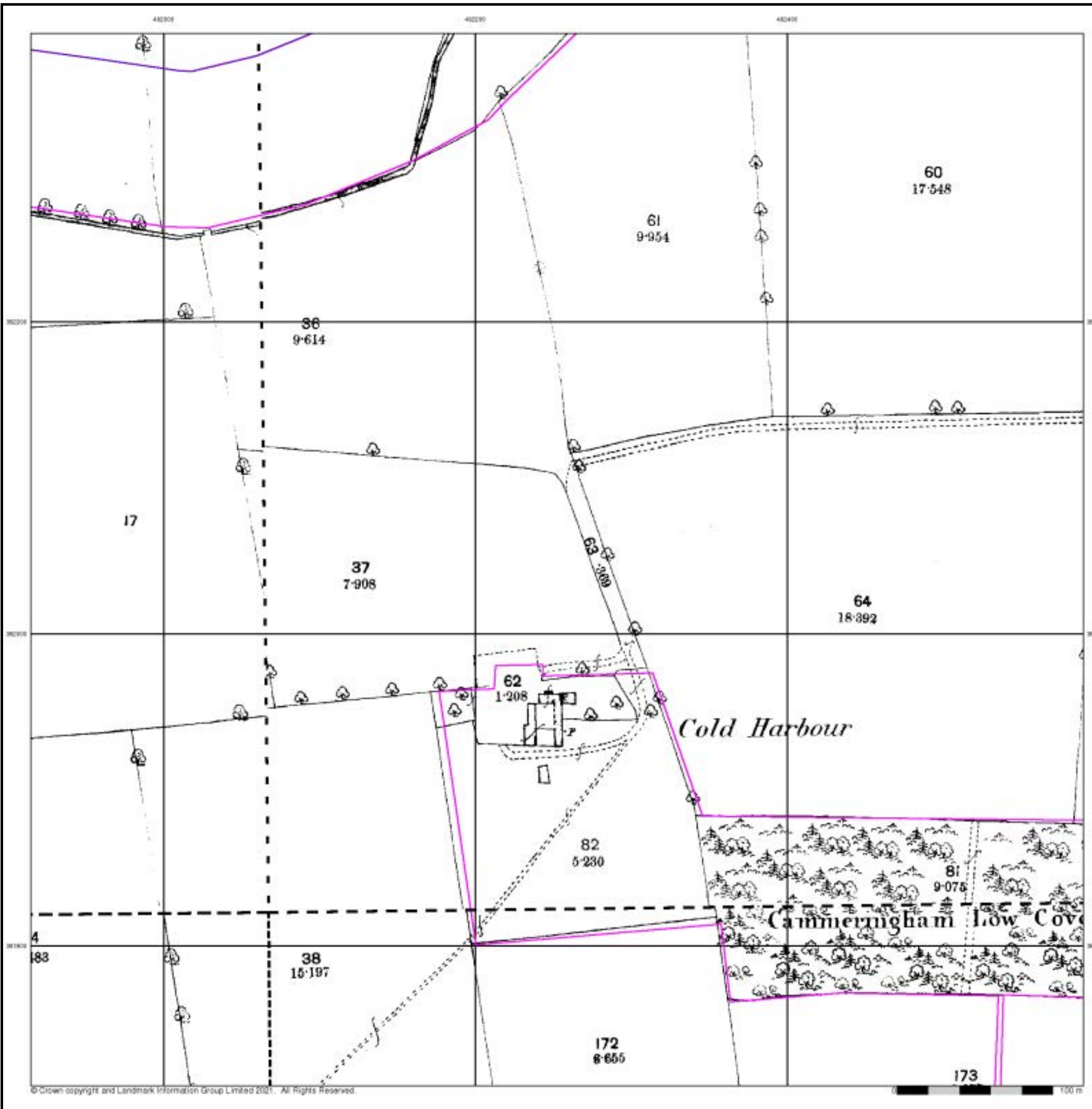


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Lincolnshire

Published 1906

Source map scale - 1:2,500

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

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

051_12 1906 1:2,500	052_09 1906 1:2,500
051_16 1906 1:2,500	052_13 1906 1:2,500

### Historical Map - Segment B14

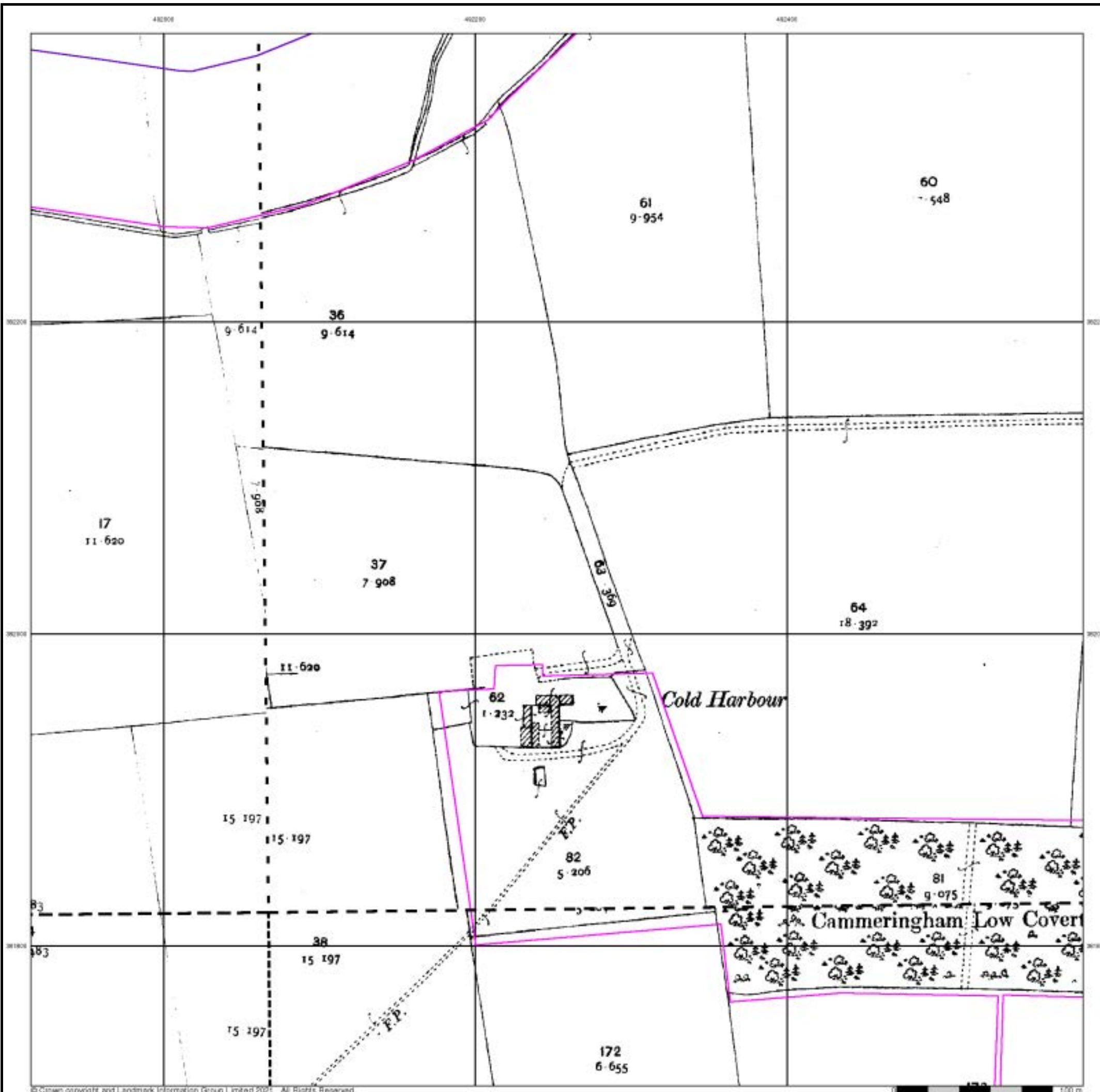


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



### Ordnance Survey Plan

Published 1973 - 1974

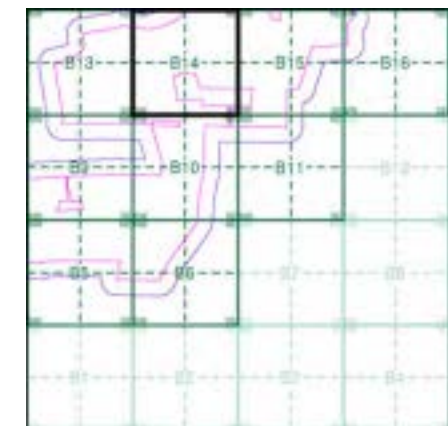
Source map scale - 1:2,500

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)

SK9182 1974 12,500	SK9282 1974 12,500
SK9181 1973 12,500	SK9281 1974 12,500

### Historical Map - Segment B14



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

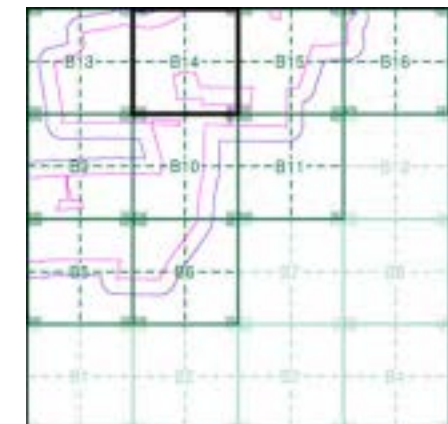
Source map scale - 1:2,500

'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)

SK9182	SK9282
1994	1994
1:2,500	1:2,500
SK9181	SK9281
1994	1994
1:2,500	1:2,500

### Historical Map - Segment B14

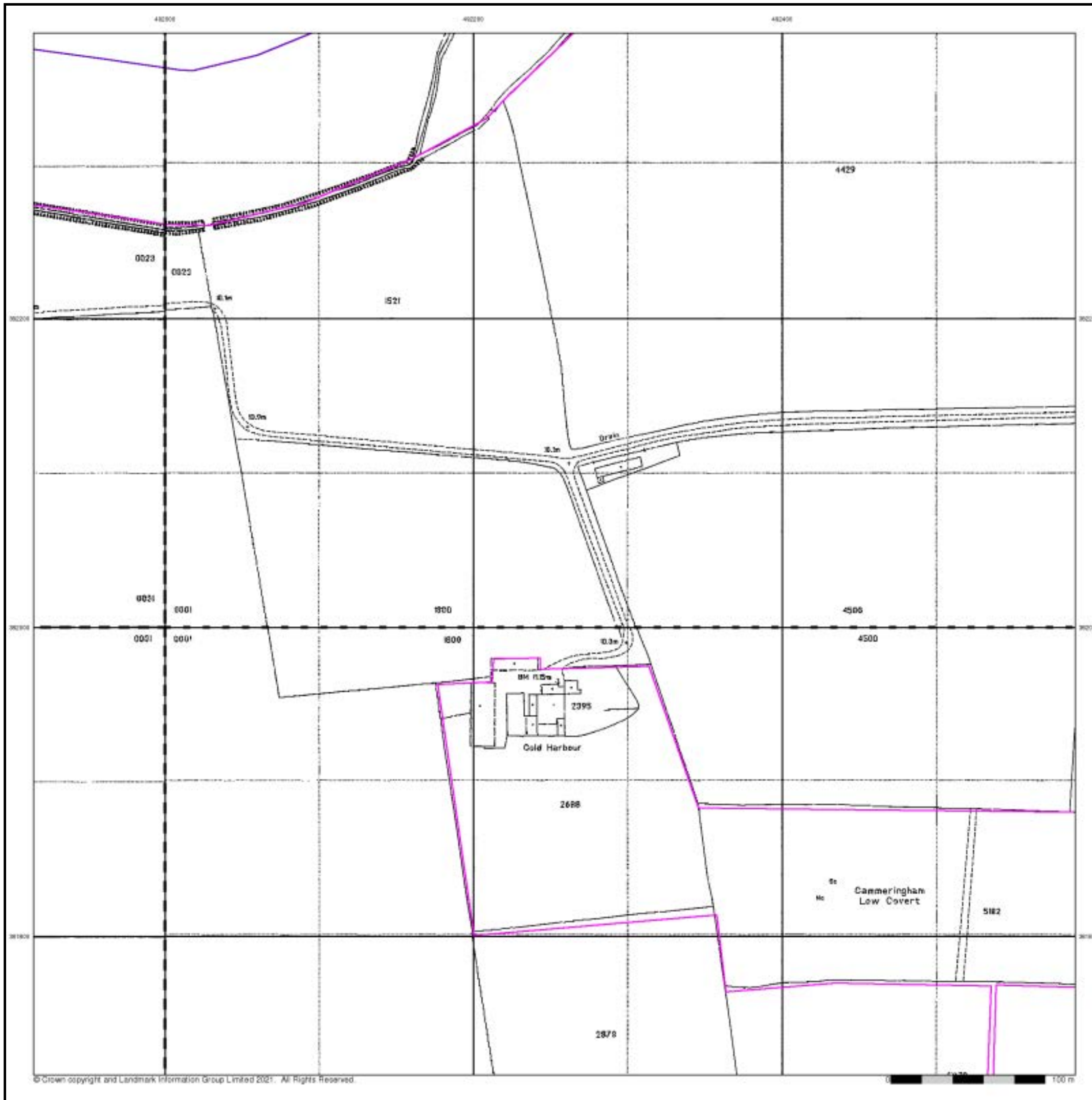


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



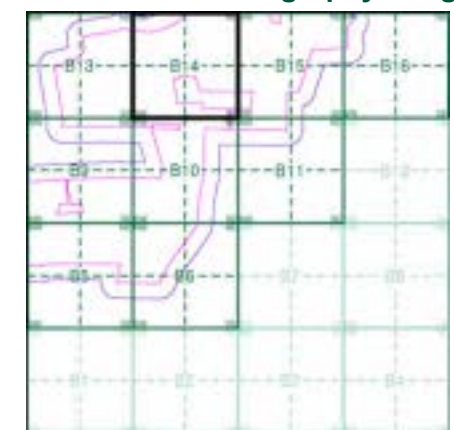
## Historical Aerial Photography

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: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

# 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

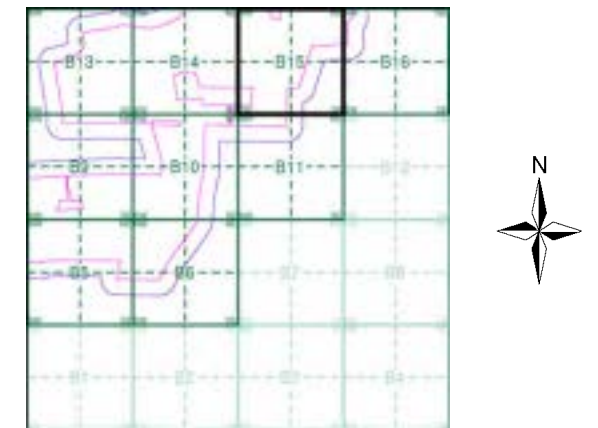
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment B15



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

**Lincolnshire**  
**Published 1886**

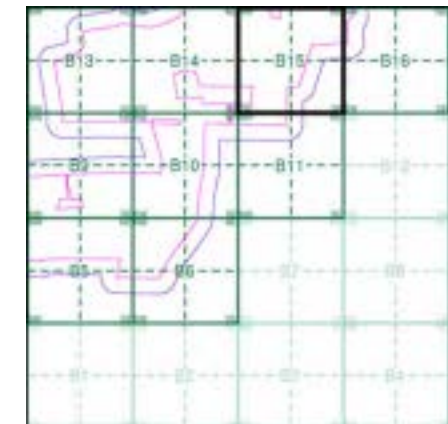
**Source map scale - 1:2,500**

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)**

052_09
1886
1:2,500
052_13
1886
1:2,500

**Historical Map - Segment B15**

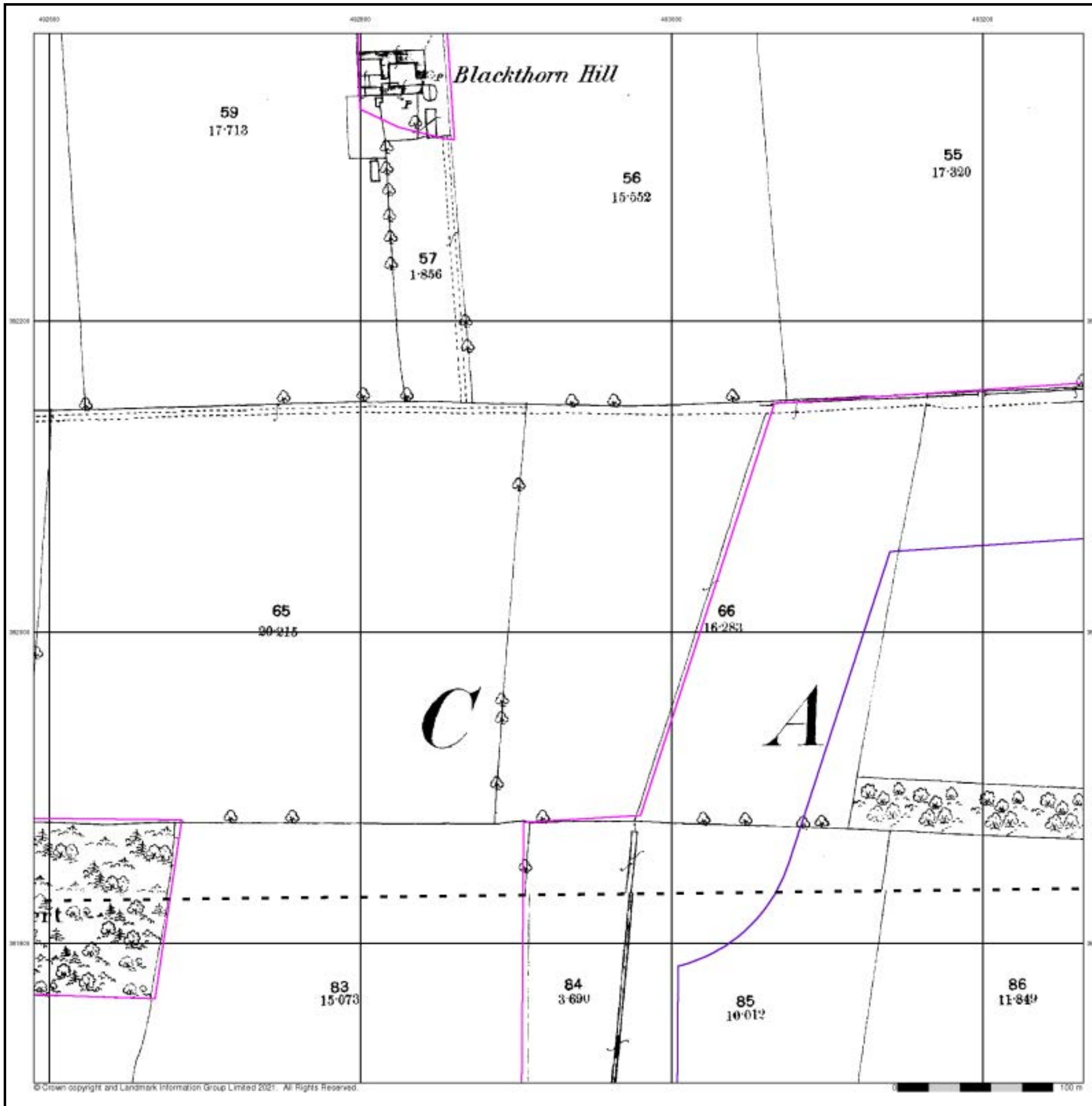


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1





**Lincolnshire**  
**Published 1906**

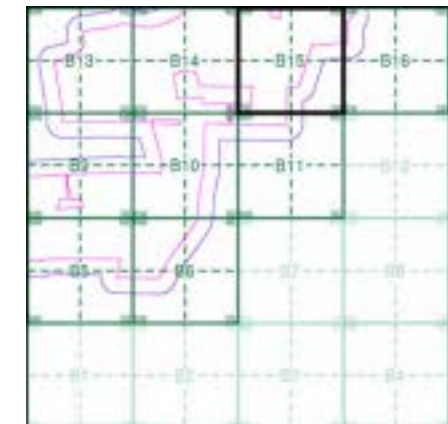
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**

052_09
1906
1:2,500
052_13
1906
1:2,500

**Historical Map - Segment B15**

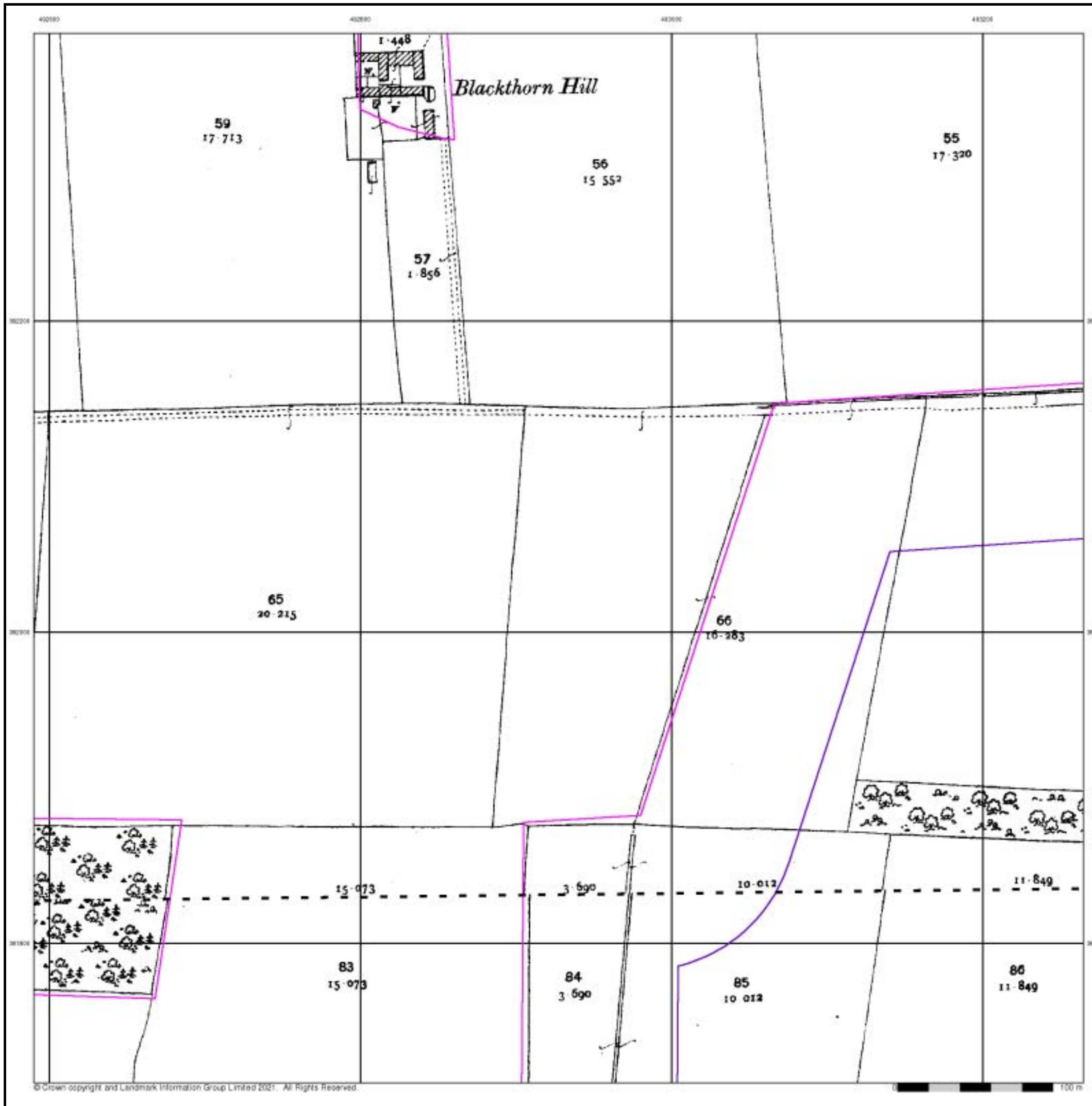


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1





### Ordnance Survey Plan

Published 1974

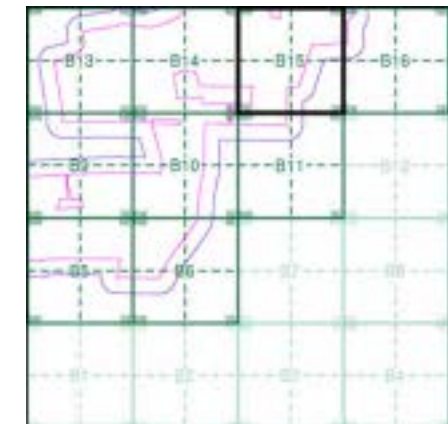
Source map scale - 1:2,500

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)

SK9282 1974 1:2,500	SK9382 1974 1:2,500
SK9281 1974 1:2,500	SK9381 1974 1:2,500

### Historical Map - Segment B15



### Order Details

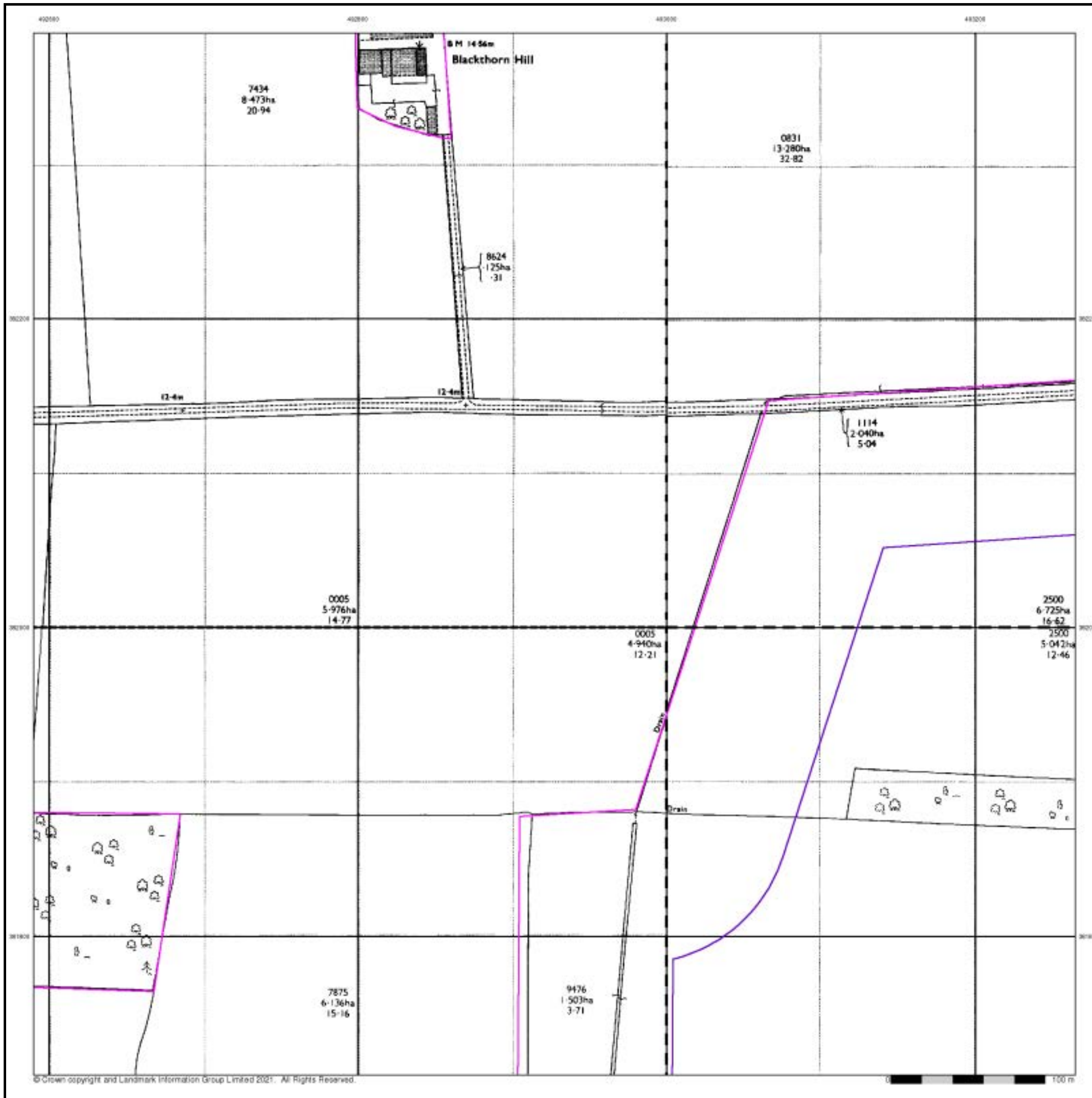
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



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



## Large-Scale National Grid Data

Published 1994

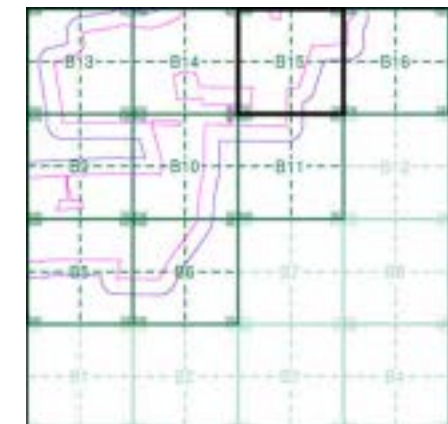
Source map scale - 1:2,500

'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)

SK9282	SK9382
1994	1994
12,500	12,500
SK9281	SK9381
1994	1994
12,500	12,500

### Historical Map - Segment B15



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

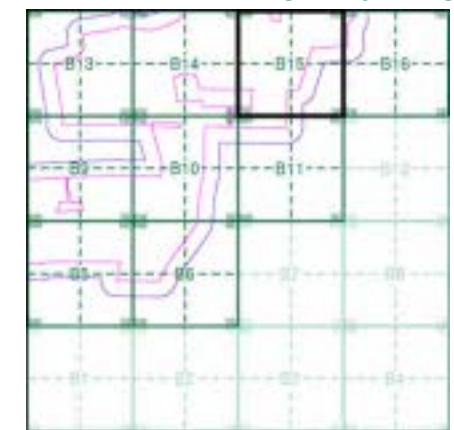
Cottam 1



## 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 B15



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# 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**    507 **Altitude at Trig. Station**  
**B.M. 325.9** **Bench Mark**    342 **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)**  
**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

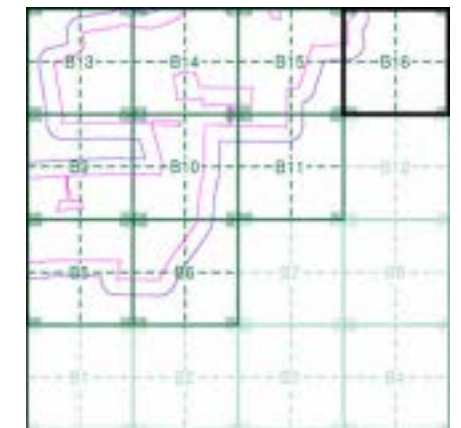
**Cliff**    **Slopes**    **Top**  
**Rock**    **Rock (scattered)**  
**Boulders**    **Boulders (scattered)**  
**Positioned Boulder**    **Scree**  
**Non-Coniferous Tree (surveyed)**    **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**    **Coniferous Trees (not surveyed)**  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment B16



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

**Lincolnshire**  
**Published 1886**

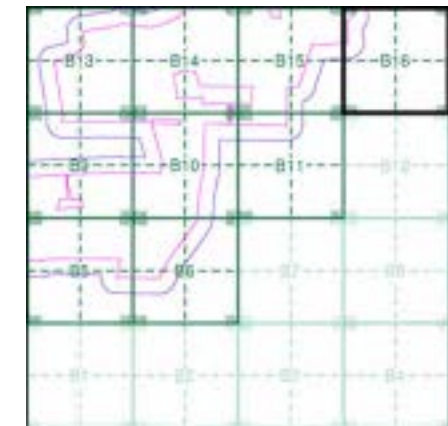
**Source map scale - 1:2,500**

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)**

052_09	1886	1:2,500
052_13	1886	1:2,500

**Historical Map - Segment B16**

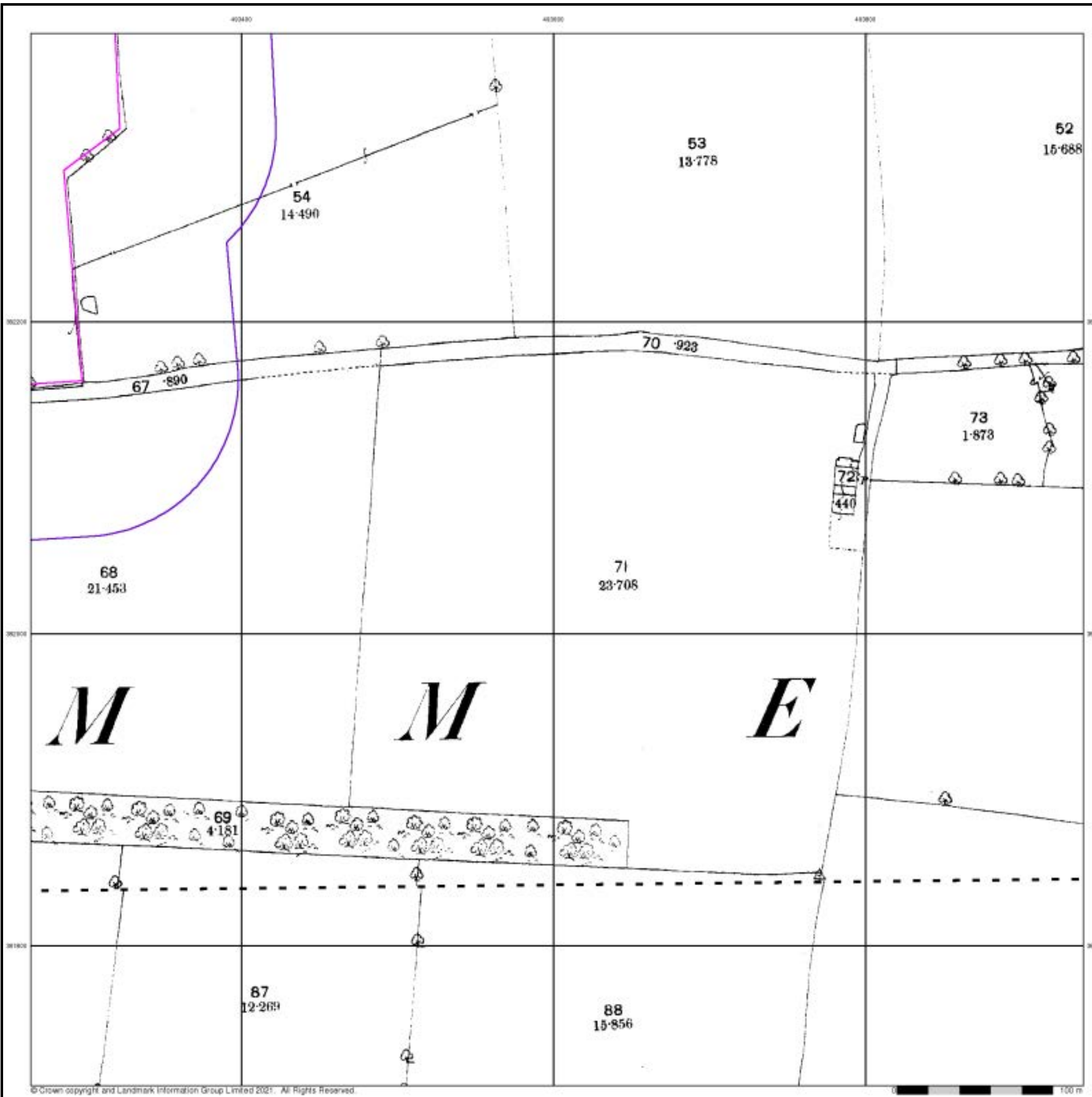


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Lincolnshire

Published 1906

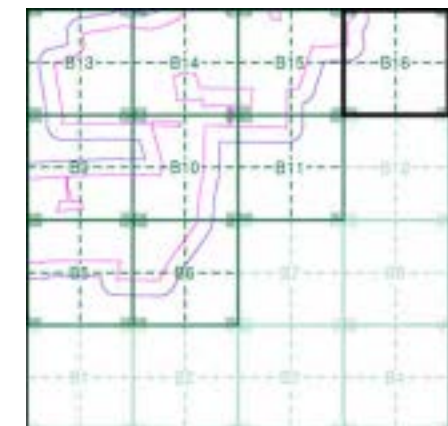
Source map scale - 1:2,500

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

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

052_09	1906	1:2,500
052_13	1906	1:2,500

### Historical Map - Segment B16

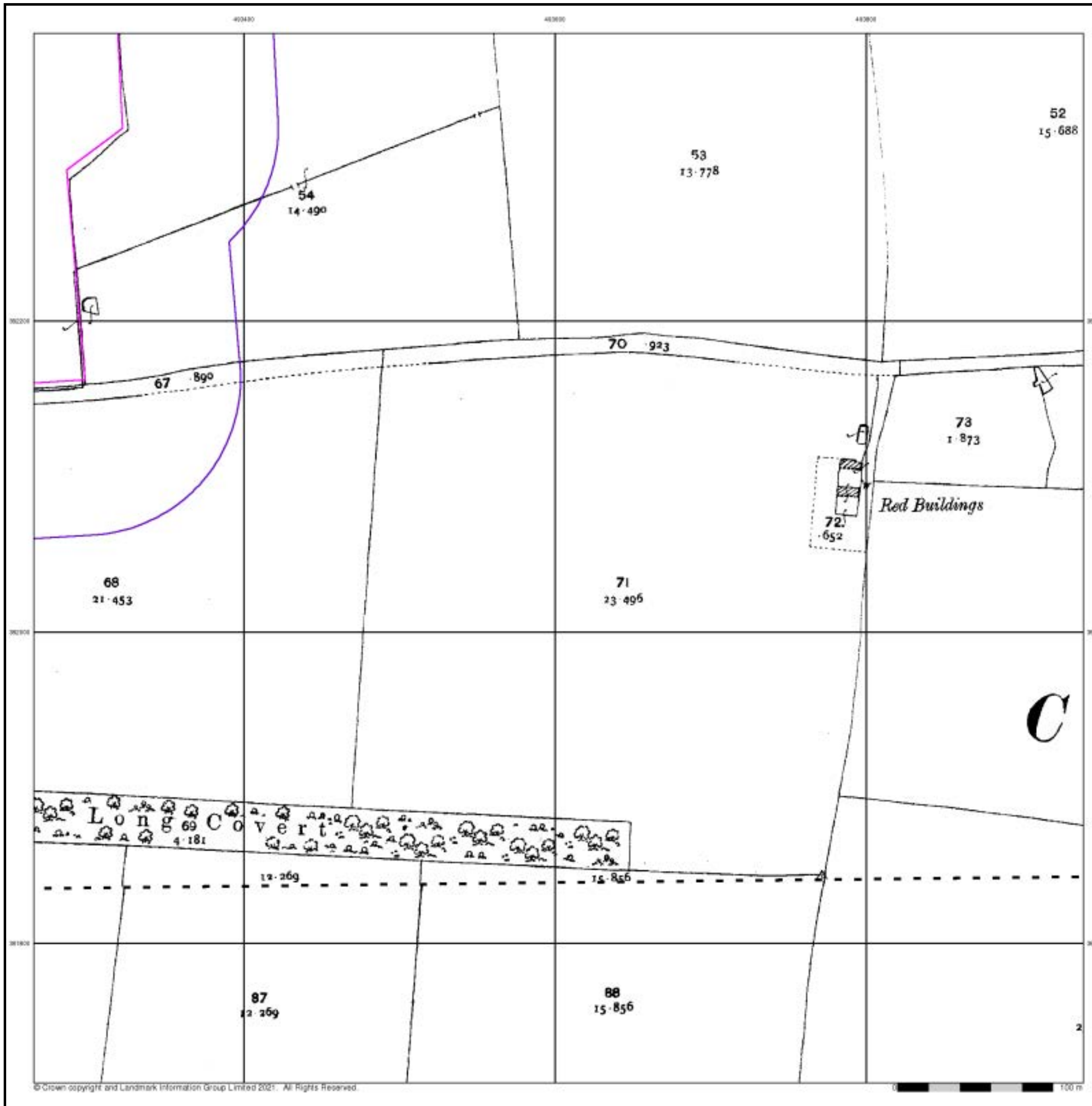


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



### Ordnance Survey Plan

Published 1974

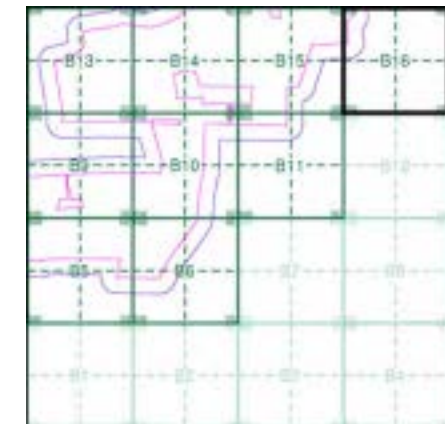
Source map scale - 1:2,500

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)

SK9382	1974	1:2,500
SK9381	1974	1:2,500

### Historical Map - Segment B16



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





## Large-Scale National Grid Data

Published 1994

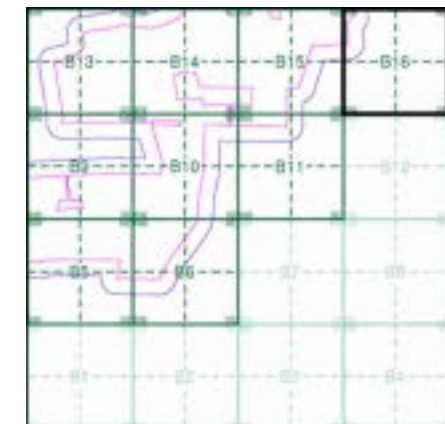
Source map scale - 1:2,500

'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)

SK9382	1994	1:2,500
SK9381	1994	1:2,500

### Historical Map - Segment B16



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

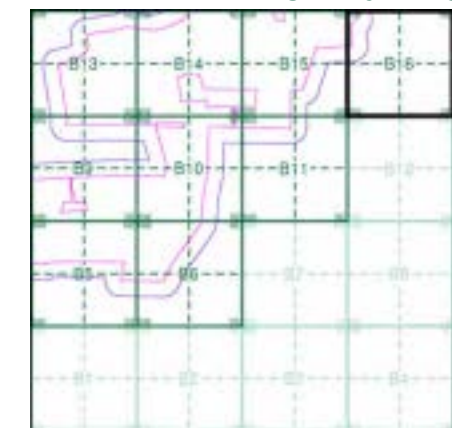


## Historical Aerial Photography Published 1999

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: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

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

## Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- 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

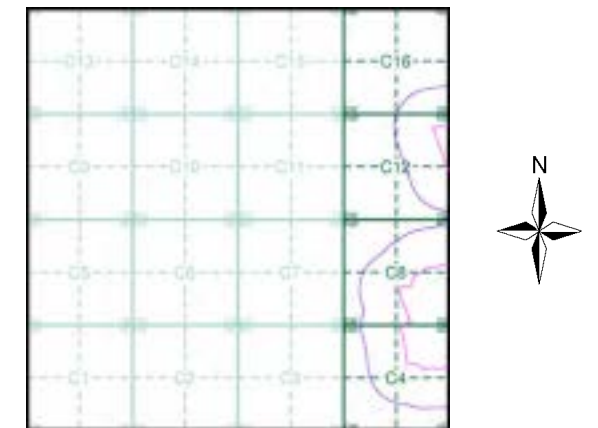
- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- General detail
- Overhead detail
- Multi-track railway
- County boundary (England only)
- District, Unitary, Metropolitan, London Borough boundary
- Area of wooded vegetation
- Non-coniferous trees (scattered)
- Coniferous trees (scattered)
- Orchard
- Rough Grassland
- Scrub
- Water feature
- Mean high water (springs)
- Telephone line (where shown)
- 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
- Mean low water (springs)
- Electricity transmission line (with poles)
- Triangulation station
- Pylon, flare stack or lighting tower
- Glasshouse
- Important Building



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1885	2
Nottinghamshire	1:10,560	1900	3
Lincolnshire	1:10,560	1906 - 1907	4
Lincolnshire	1:10,560	1907	5
Lincolnshire	1:10,560	1921 - 1922	6
Lincolnshire	1:10,560	1921 - 1922	7
Lincolnshire	1:10,560	1947	8
Ordnance Survey Plan	1:10,000	1956	9
Ordnance Survey Plan	1:10,000	1970	10
Ordnance Survey Plan	1:10,000	1980 - 1981	11
10K Raster Mapping	1:10,000	2000	12
10K Raster Mapping	1:10,000	2006	13
VectorMap Local	1:10,000	2021	14

## Historical Map - Slice C



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

## Site Details

Cottam 1



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

## Lincolnshire

Published 1885

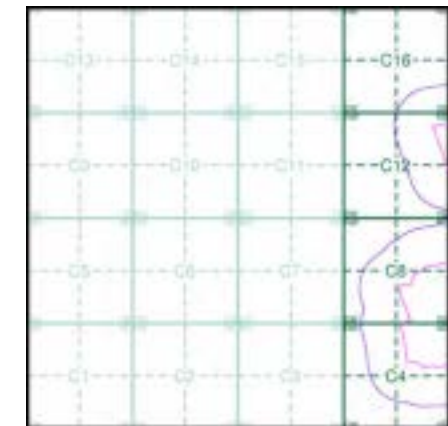
Source map scale - 1:10,560

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)

051NW 1885 1:10,560	051NE 1885 1:10,560
051SW 1885 1:10,560	051SE 1885 1:10,560

### Historical Map - Slice C

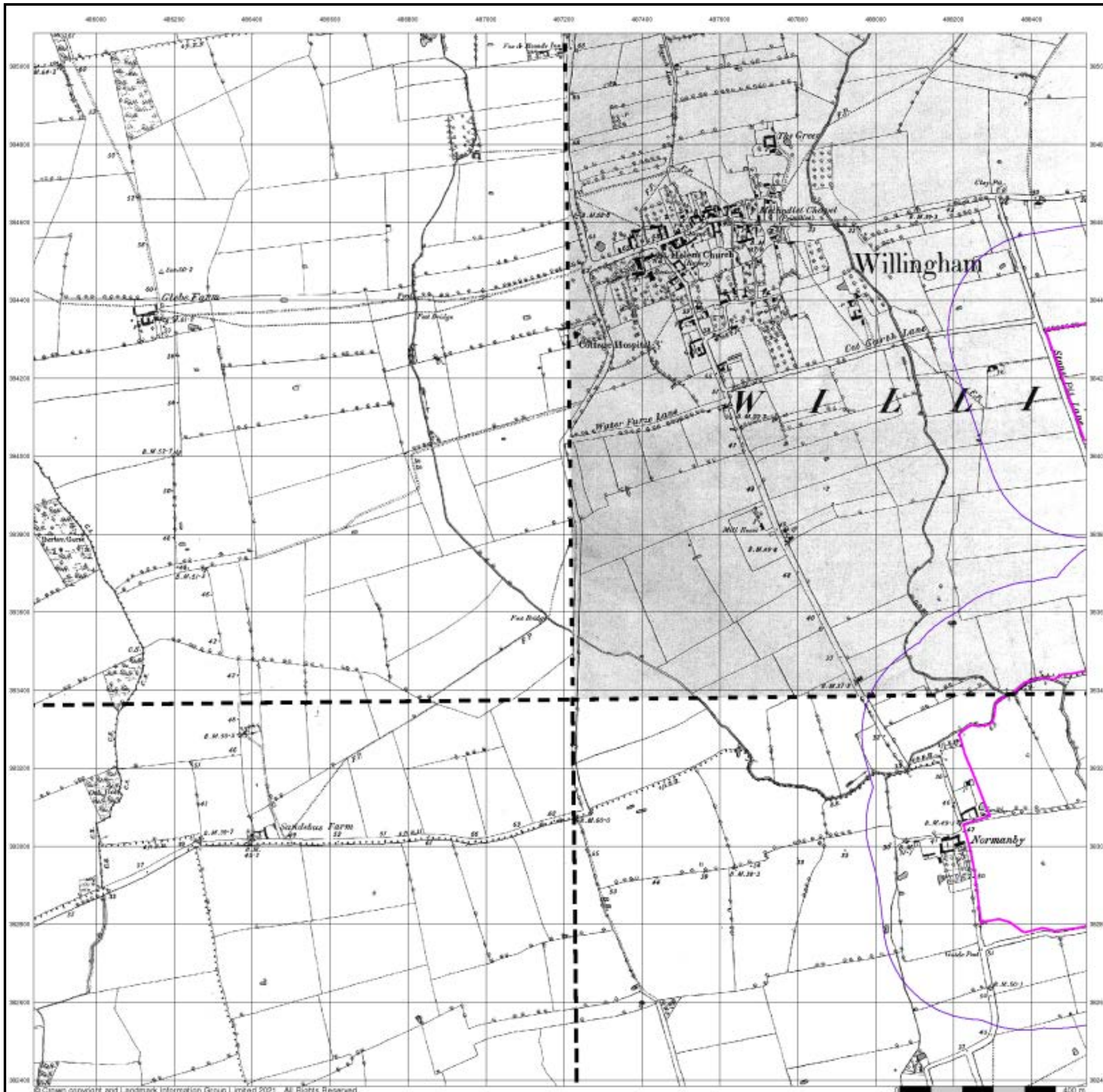


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Nottinghamshire

Published 1900

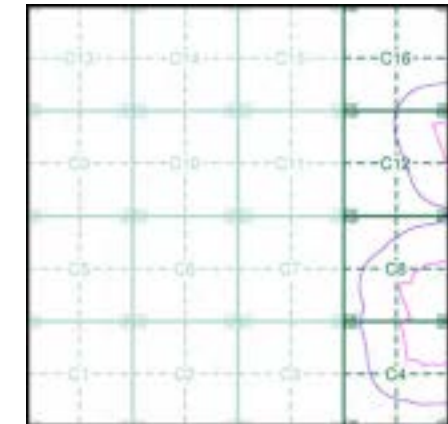
Source map scale - 1:10,560

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)

011NW	1900	1:10,560
011SW	1900	1:10,560

### Historical Map - Slice C

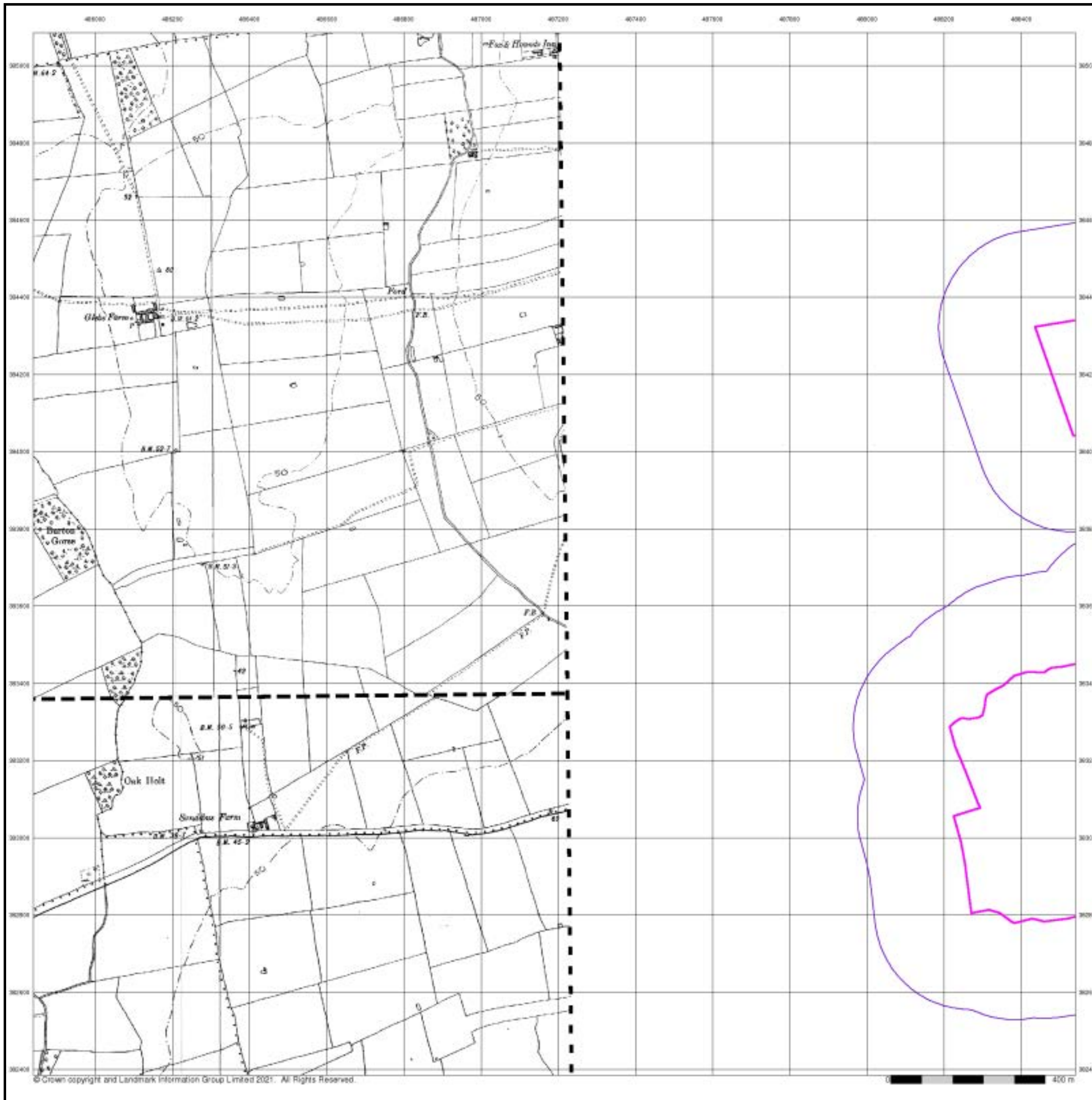


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1906 - 1907

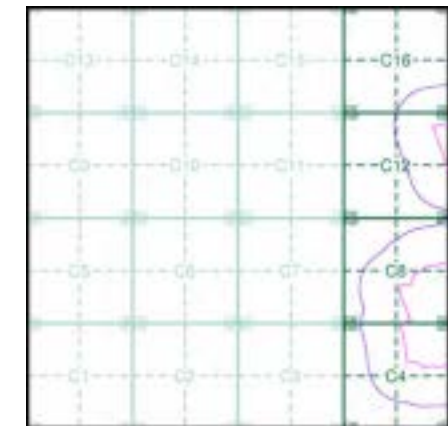
Source map scale - 1:10,560

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

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

051NW 1907 1:10,560	051NE 1907 1:10,560
051SW 1906 1:10,560	051SE 1907 1:10,560

### Historical Map - Slice C

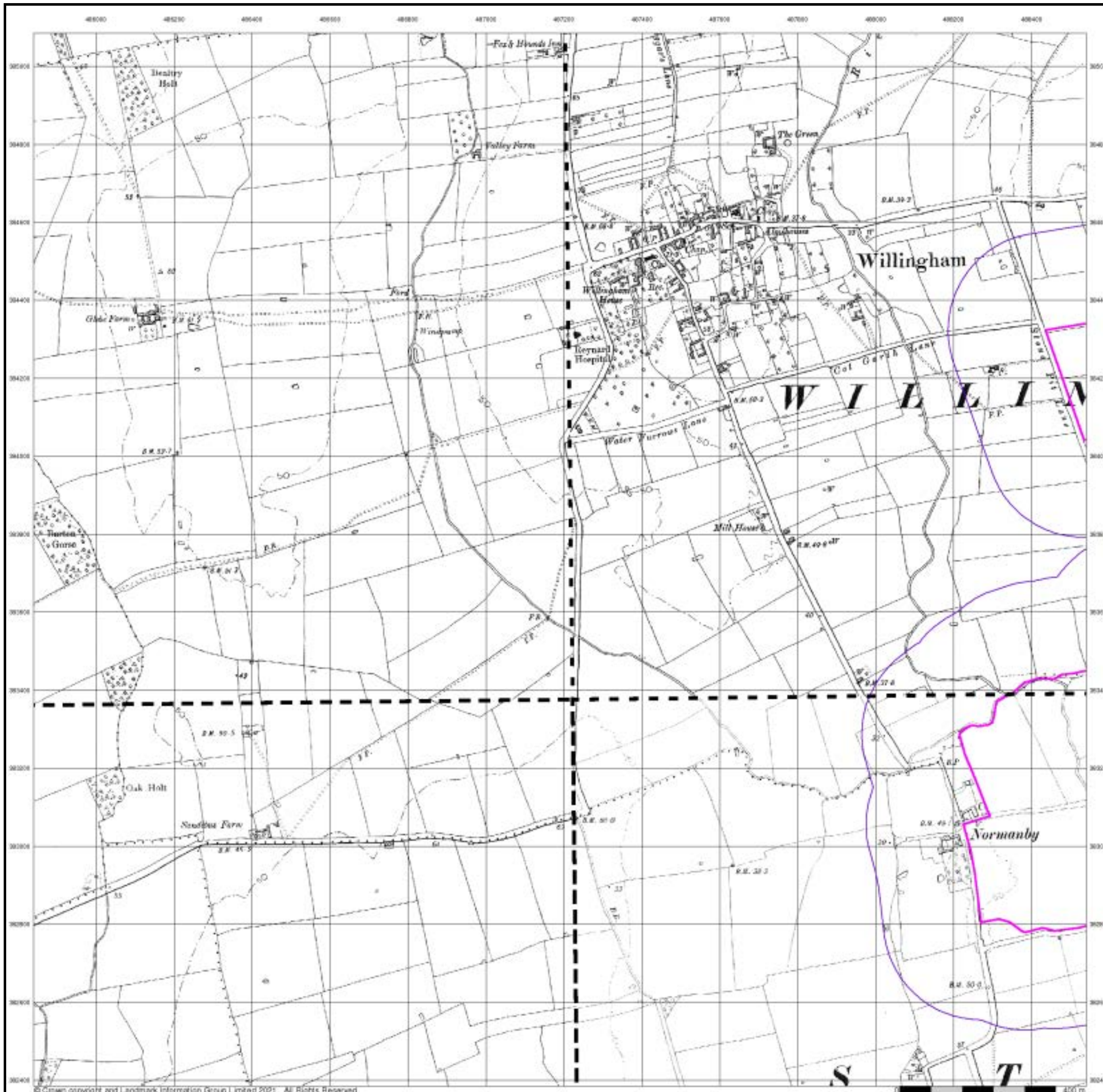


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



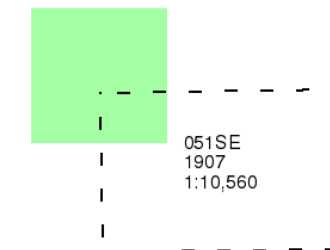
## Lincolnshire

Published 1907

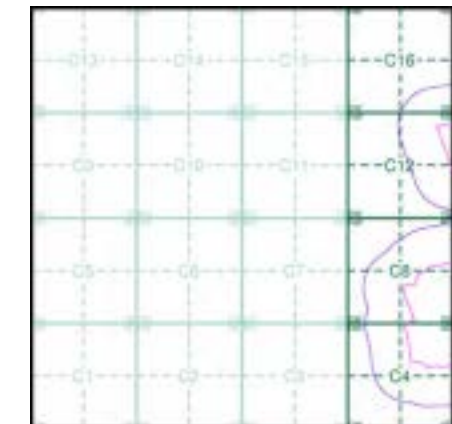
Source map scale - 1:10,560

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

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



### Historical Map - Slice C



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1921 - 1922

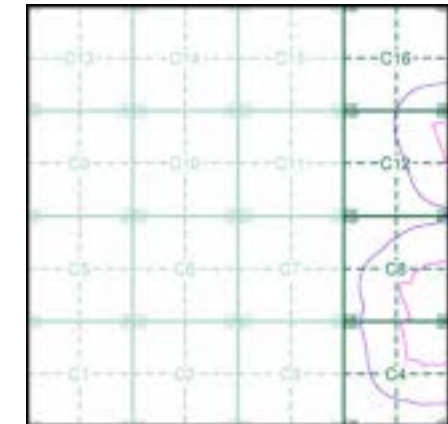
Source map scale - 1:10,560

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)

051NW	1921	1:10,560
051SW	1922	1:10,560

### Historical Map - Slice C

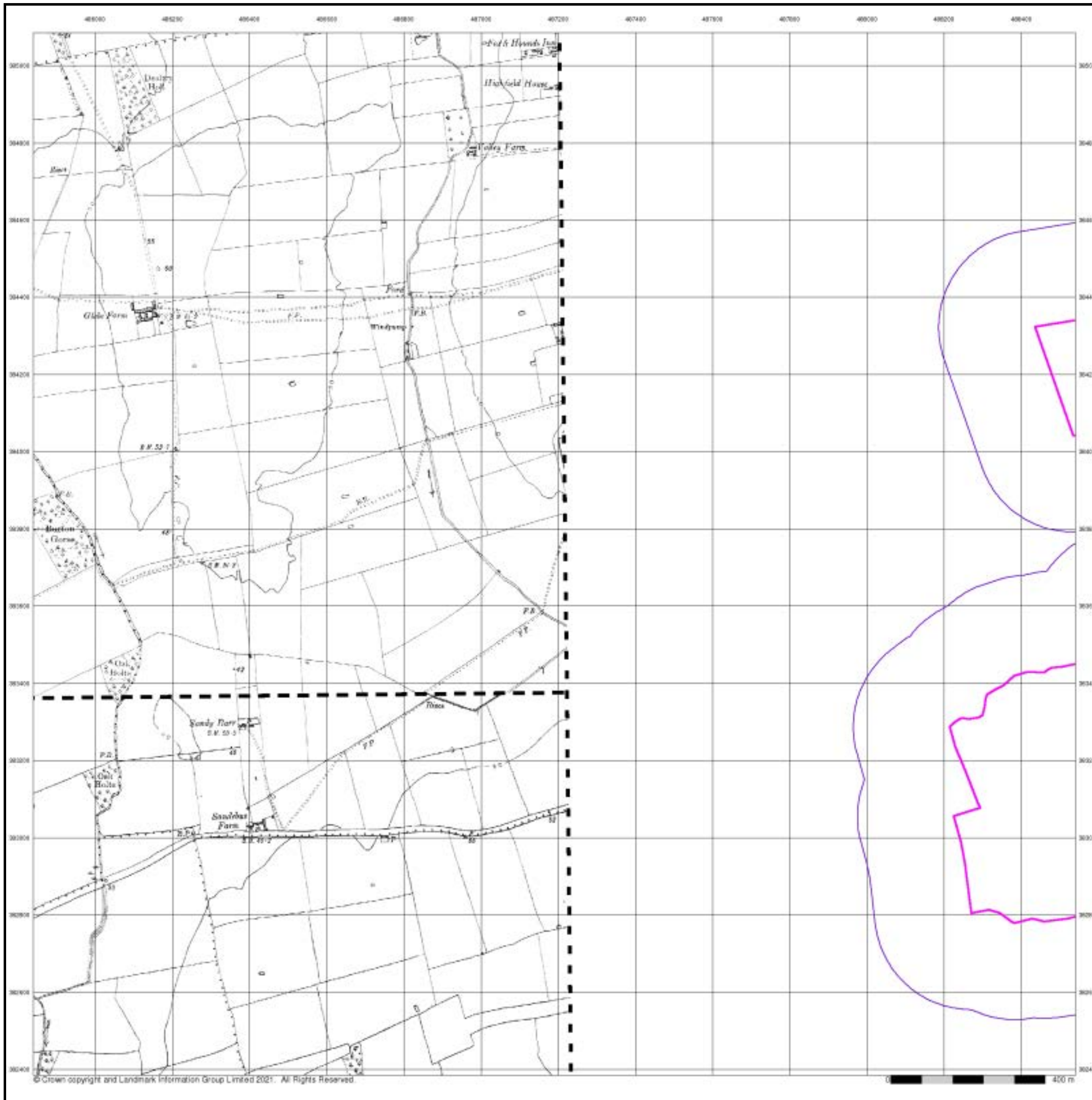


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1





## Lincolnshire

Published 1921 - 1922

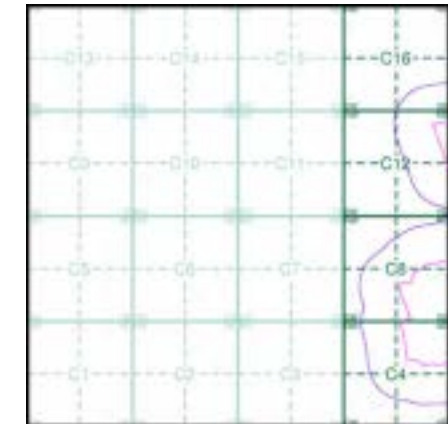
Source map scale - 1:10,560

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)

051NW	1921	1:10,560
051SW	1922	1:10,560

### Historical Map - Slice C

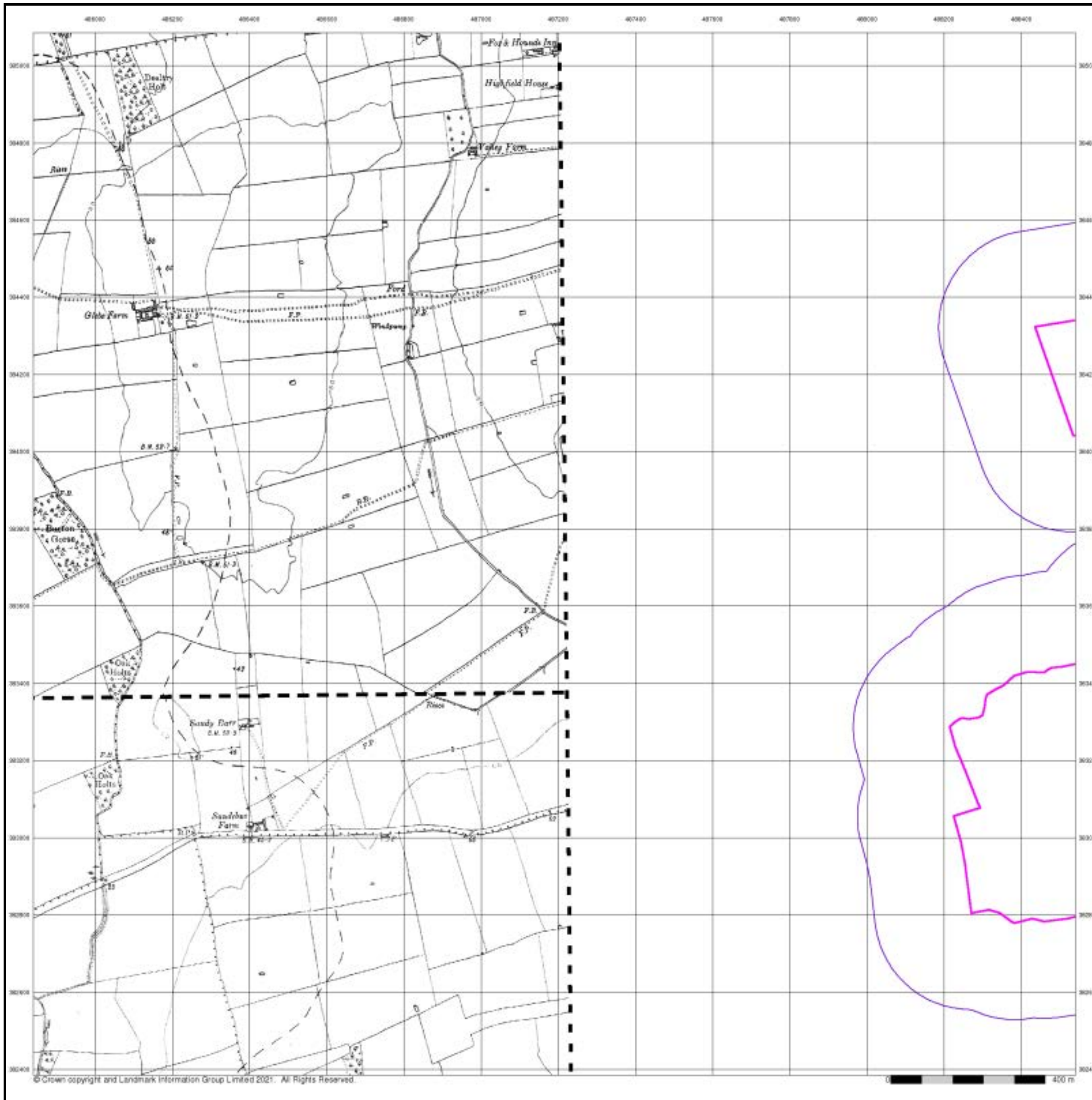


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1947

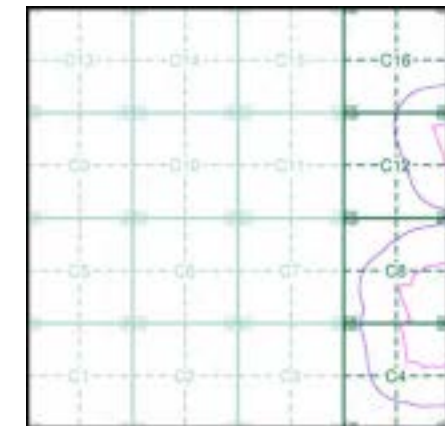
Source map scale - 1:10,560

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)

051NW 1947 1:10,560	051NE 1947 1:10,560
051SW 1947 1:10,560	051SE 1947 1:10,560

### Historical Map - Slice C

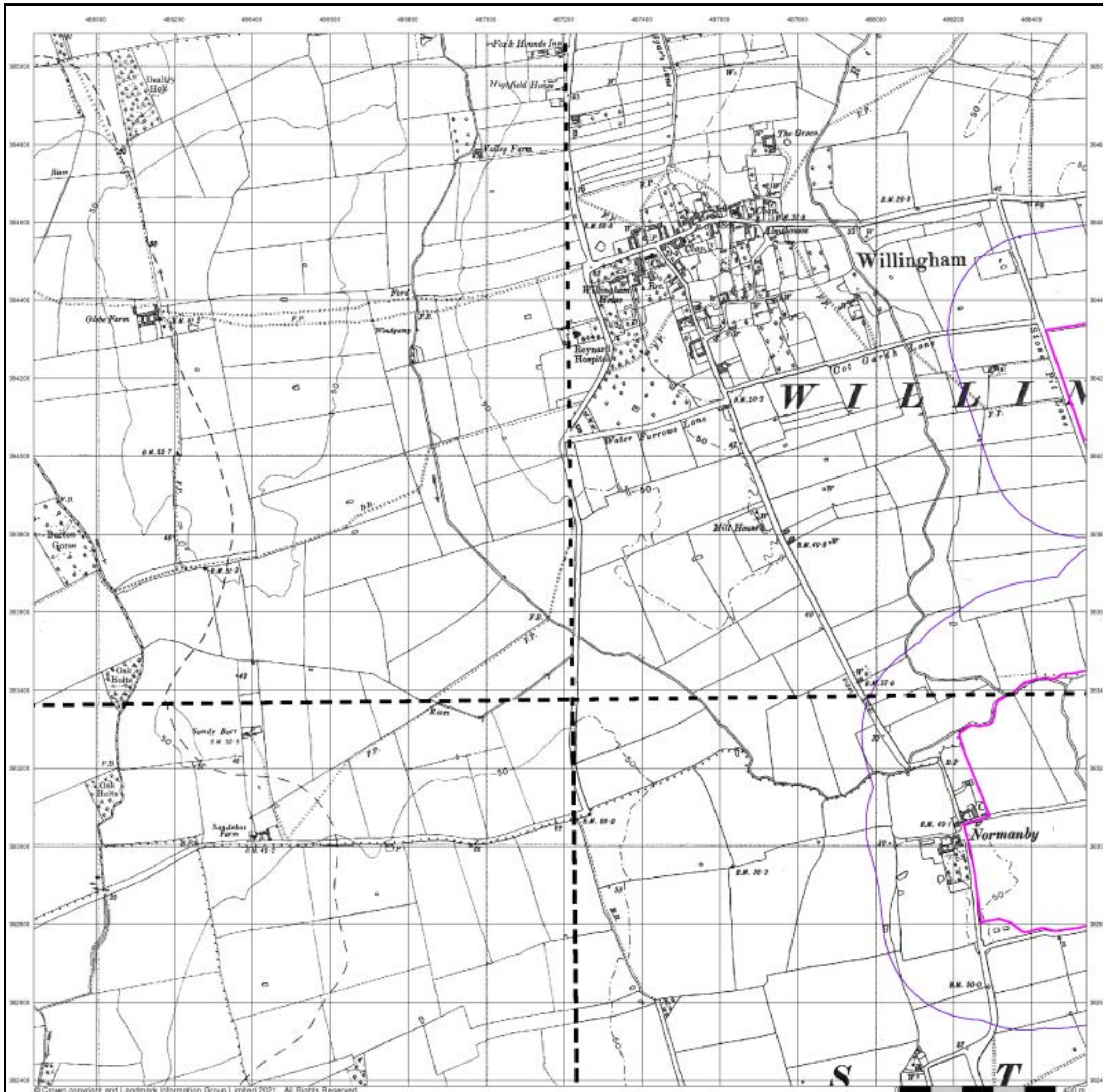


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Ordnance Survey Plan

Published 1956

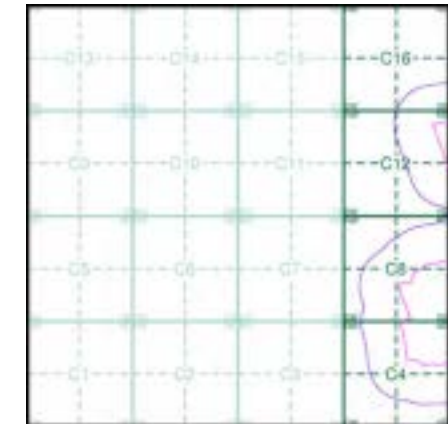
Source map scale - 1:10,000

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

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

SK88NE	1956	1:10,560
SK88SE	1956	1:10,560

### Historical Map - Slice C

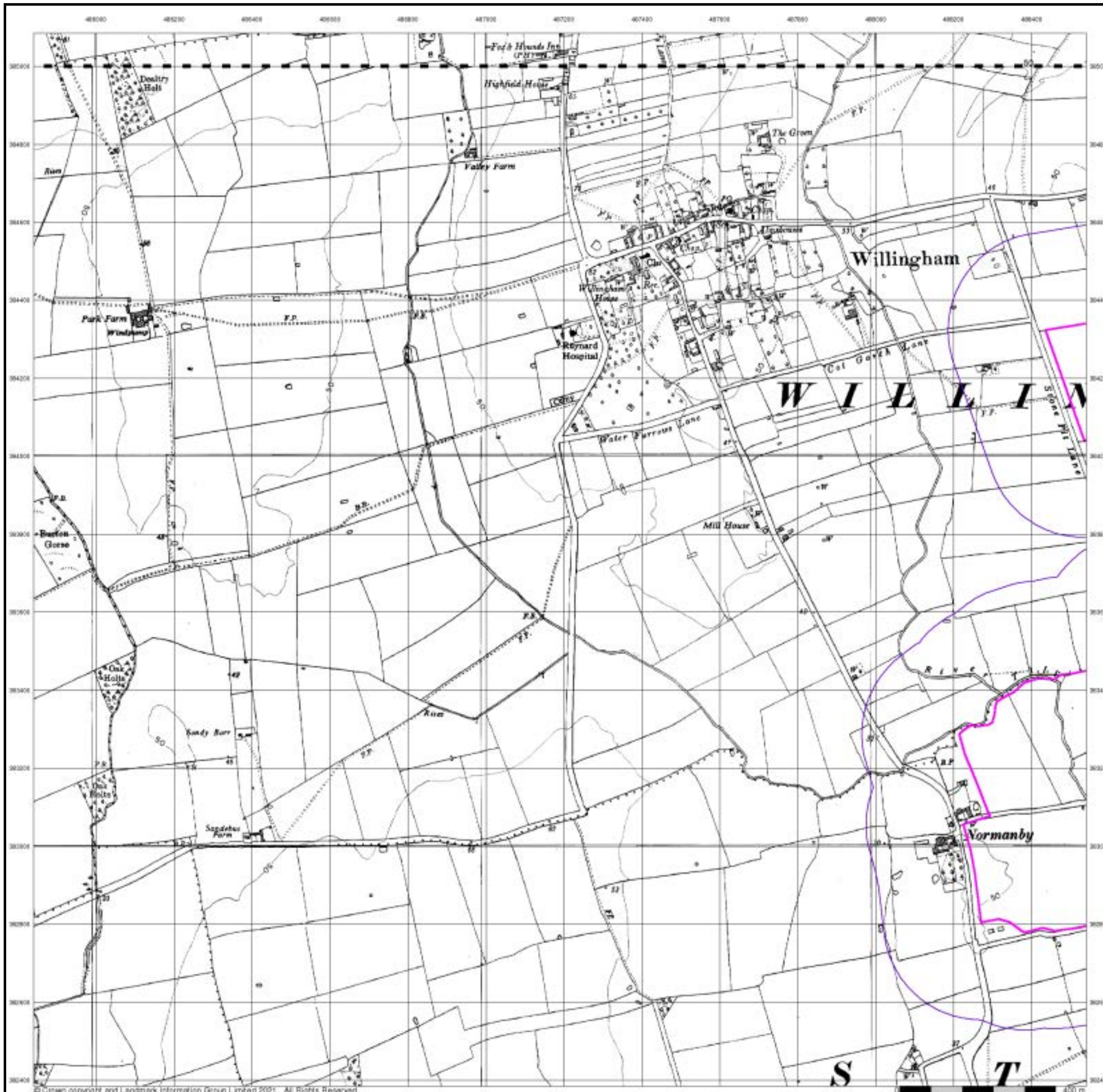


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Ordnance Survey Plan

Published 1970

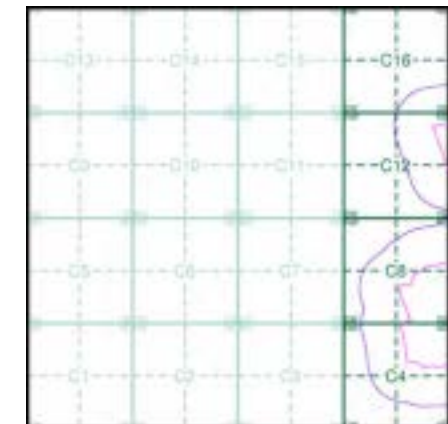
Source map scale - 1:10,000

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

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

SK88NE
1970
1:10,560

### Historical Map - Slice C

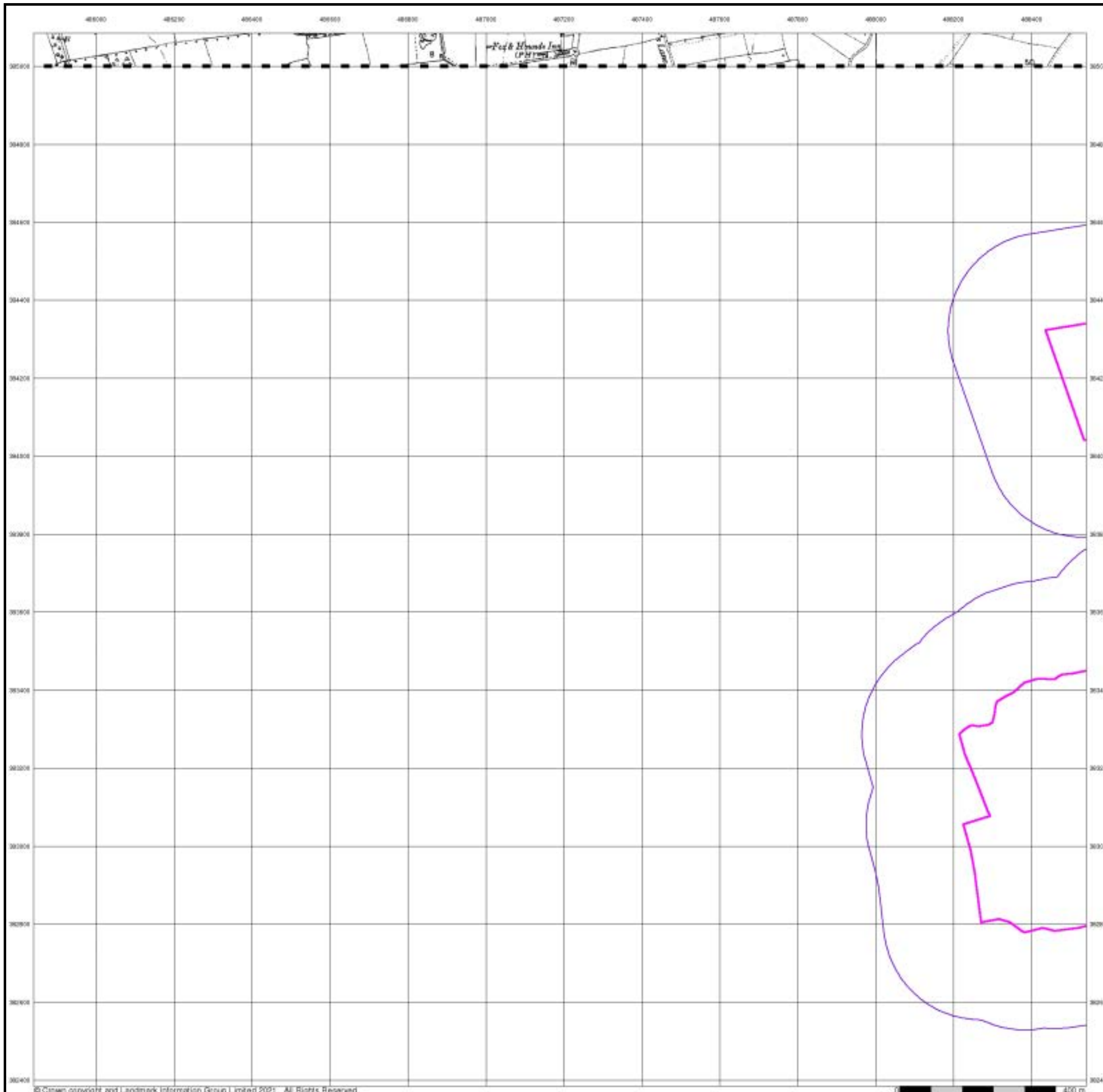


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Ordnance Survey Plan

Published 1980 - 1981

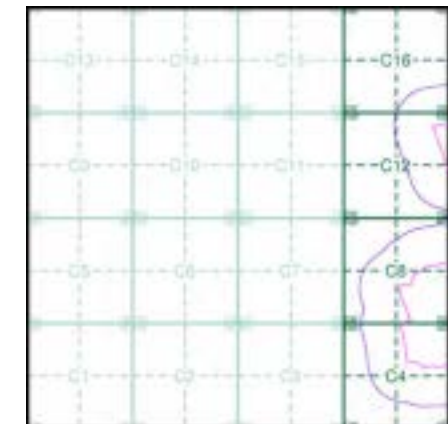
Source map scale - 1:10,000

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)

SK88NE	1980	1:10,000
SK88SE	1981	1:10,000

### Historical Map - Slice C

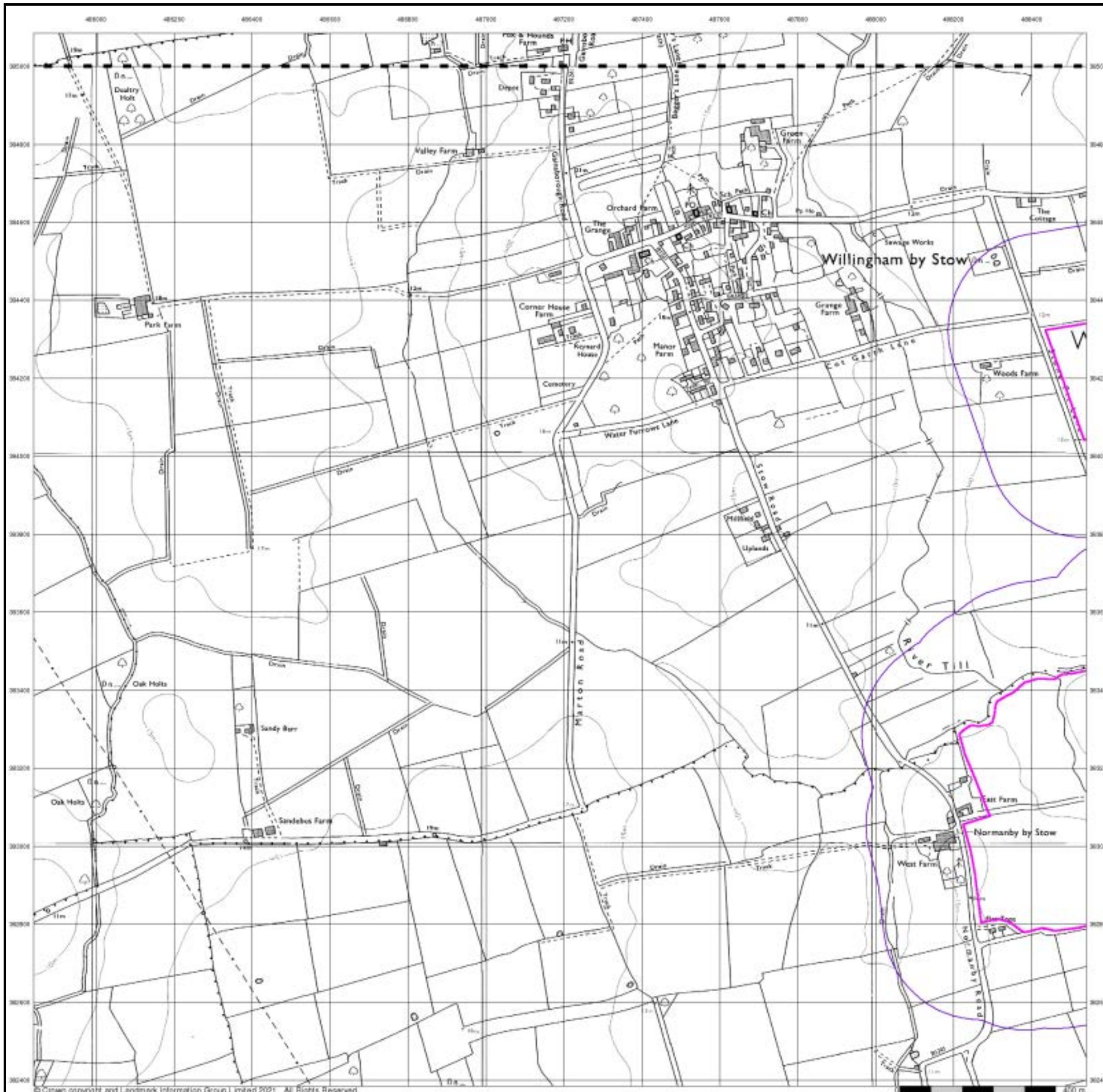


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## 10k Raster Mapping

Published 2000

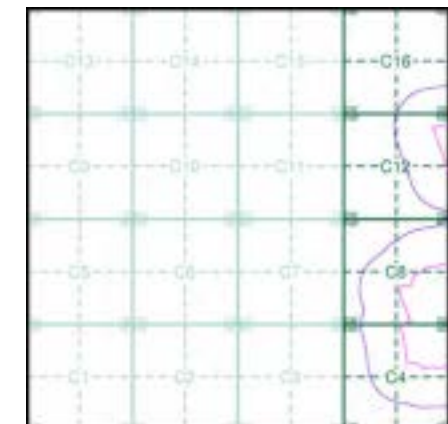
Source map scale - 1:10,000

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

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

SK88NE	2000	1:10,000
SK88SE	2000	1:10,000

### Historical Map - Slice C

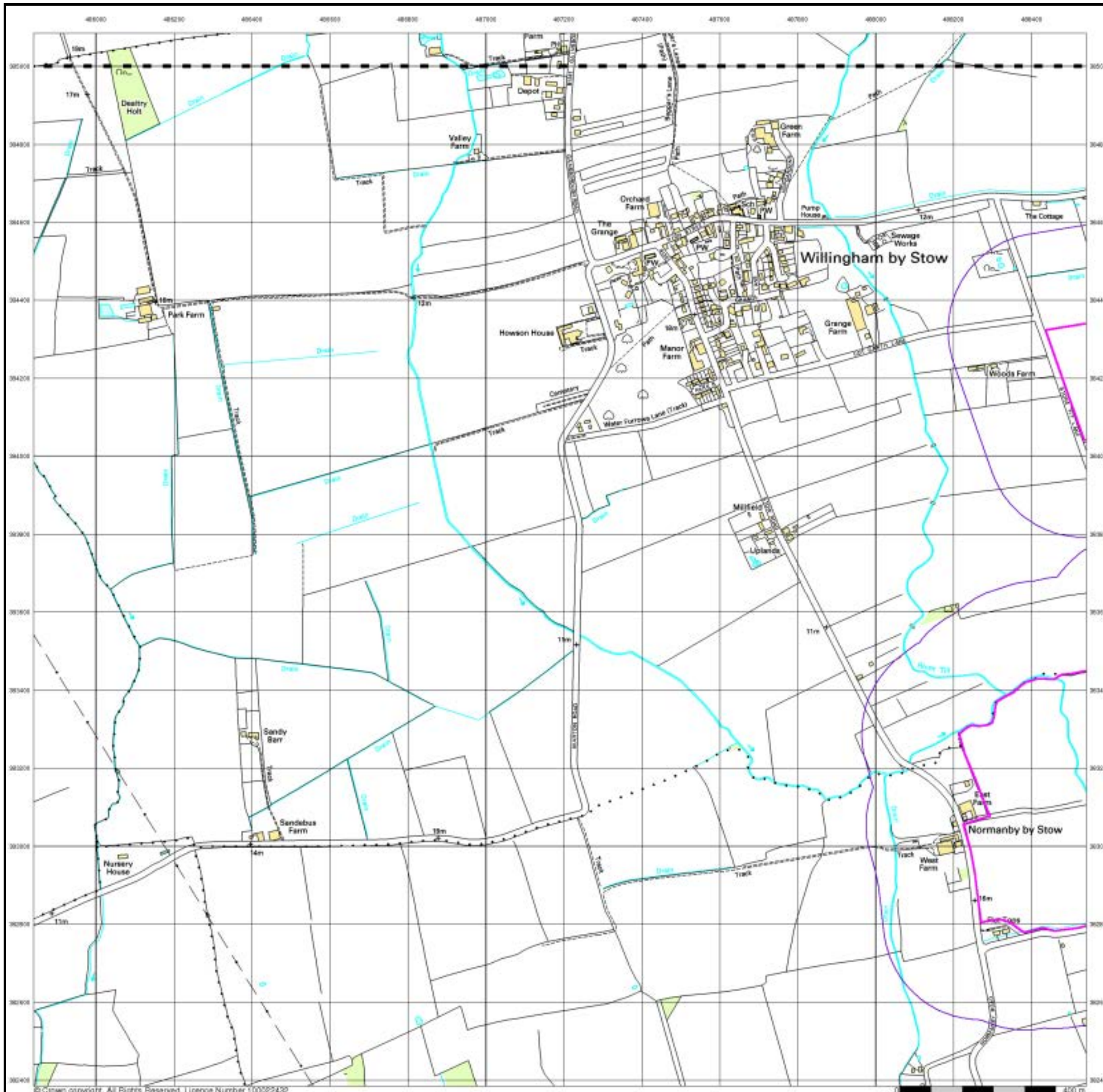


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## 10k Raster Mapping

Published 2006

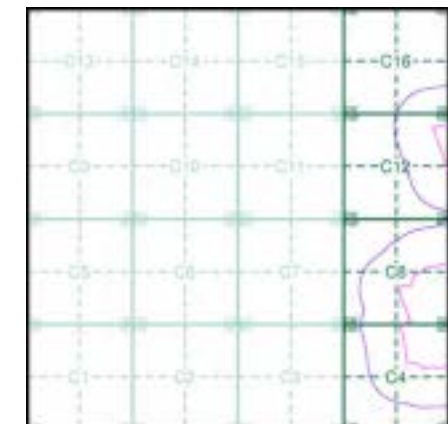
Source map scale - 1:10,000

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)

SK88NE	2006	1:10,000
SK88SE	2006	1:10,000

### Historical Map - Slice C

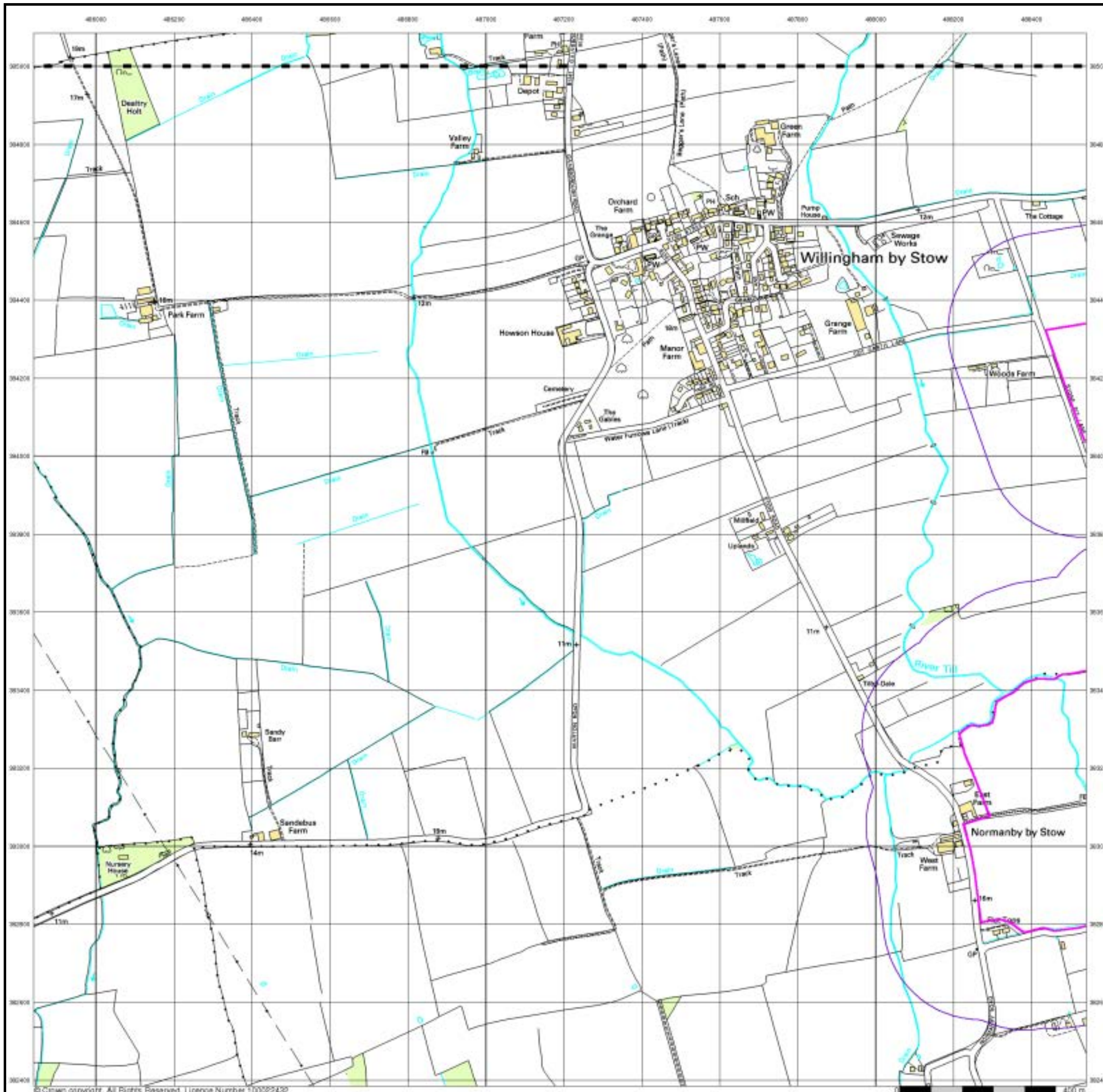


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## VectorMap Local

Published 2021

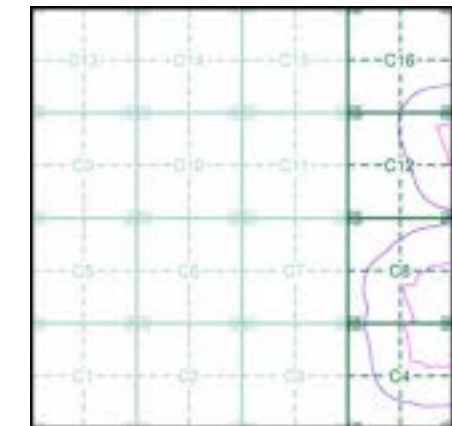
Source map scale - 1:10,000

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)

SK88NE	2021	Variable
SK88SE	2021	Variable

### Historical Map - Slice C

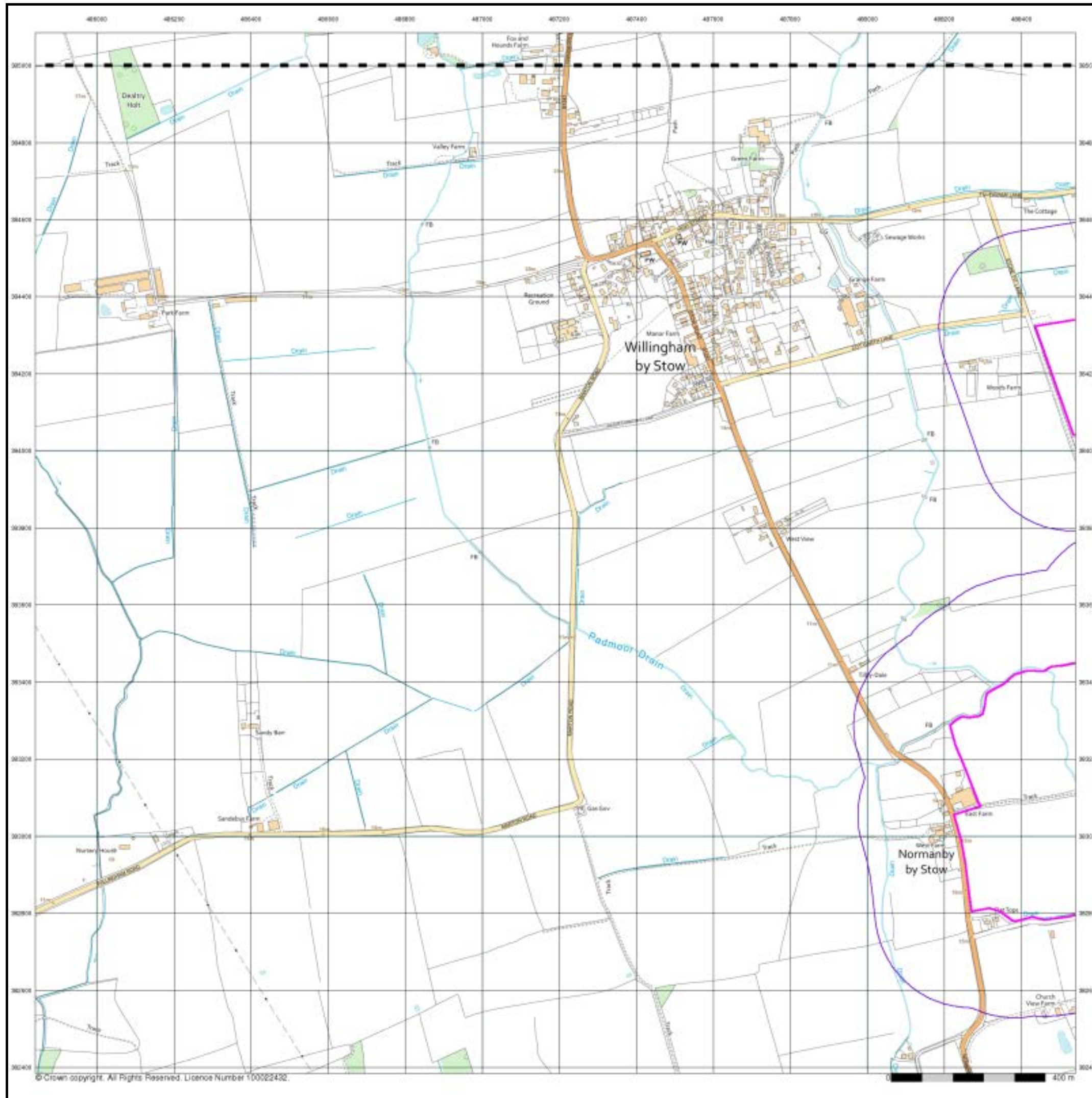


### Order Details

Order Number: 287330989\_1\_1  
Customer Ref: 21-1088.02  
National Grid Reference: 488320, 383410  
Slice: C  
Site Area (Ha): 884.45  
Search Buffer (m): 250

### Site Details

Cottam 1





# 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

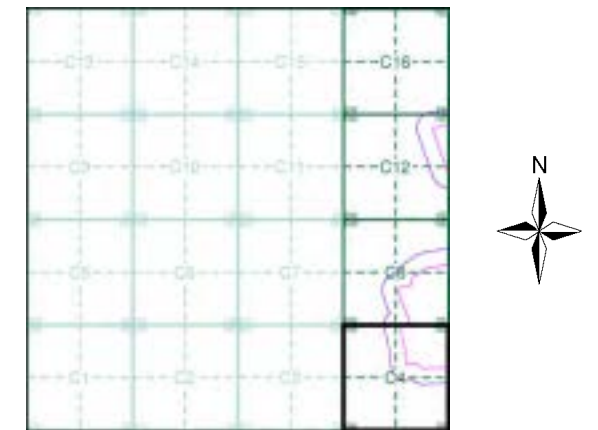
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment C4



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

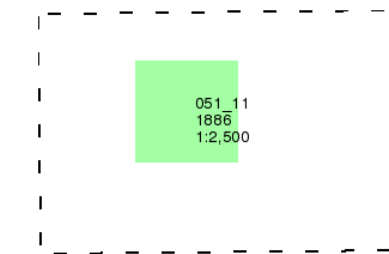
Lincolnshire

Published 1886

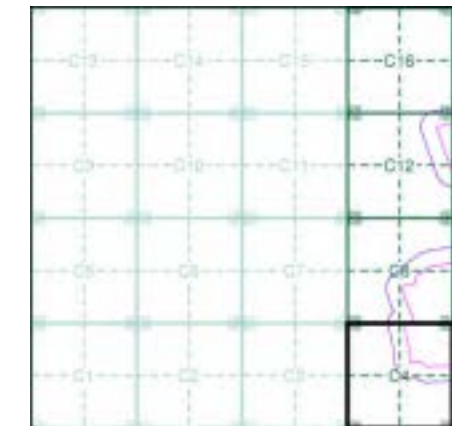
Source map scale - 1:2,500

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 C4

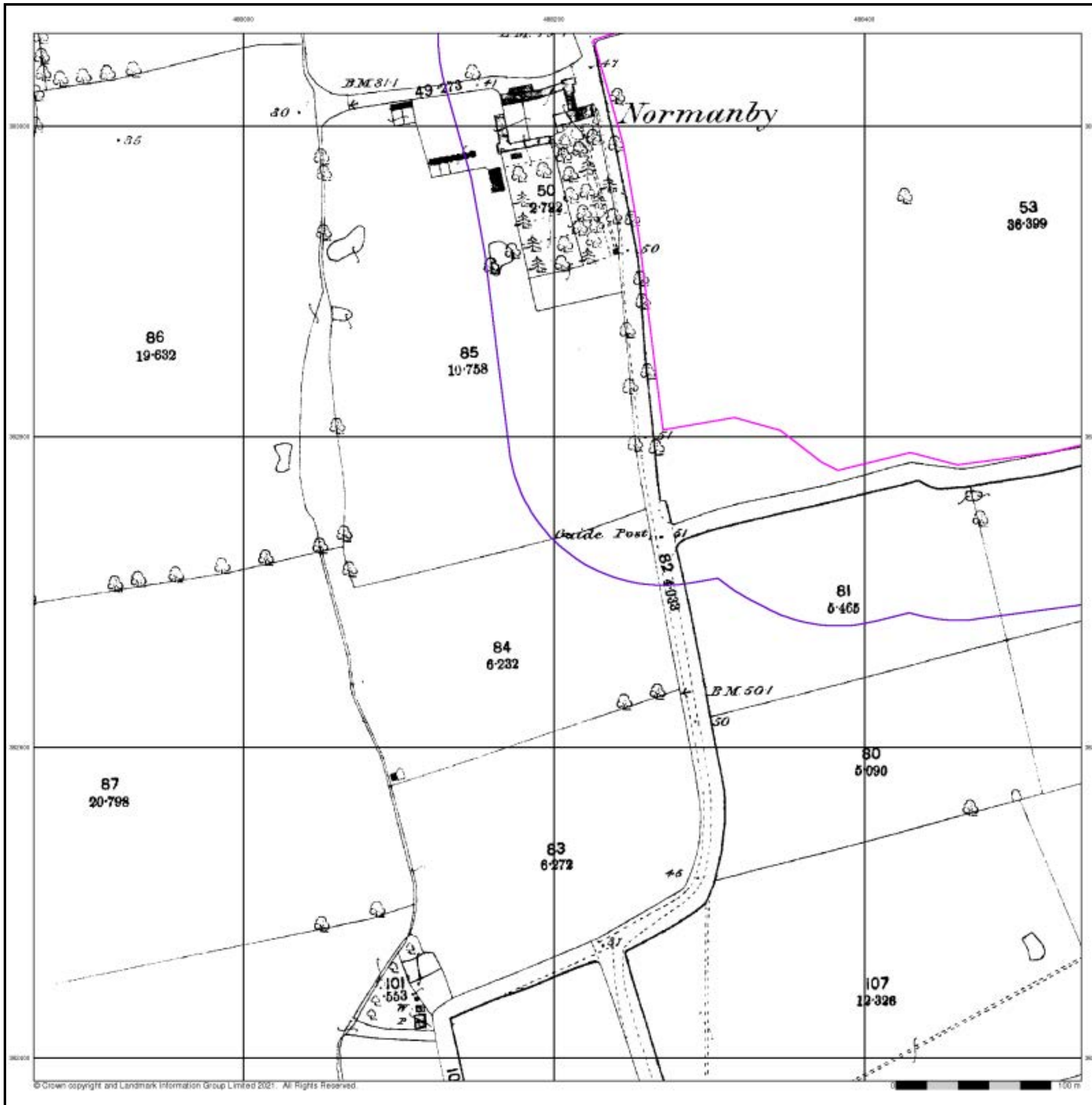


Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

Site Details

Cottam 1



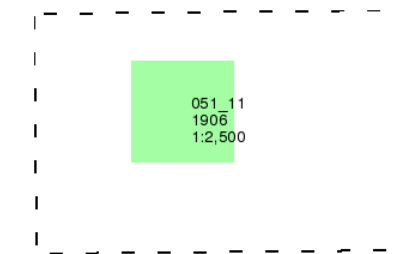
Lincolnshire

Published 1906

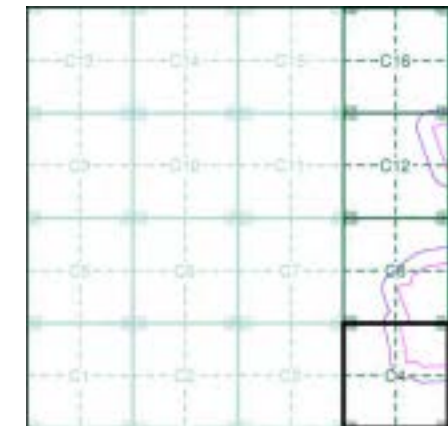
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment C4

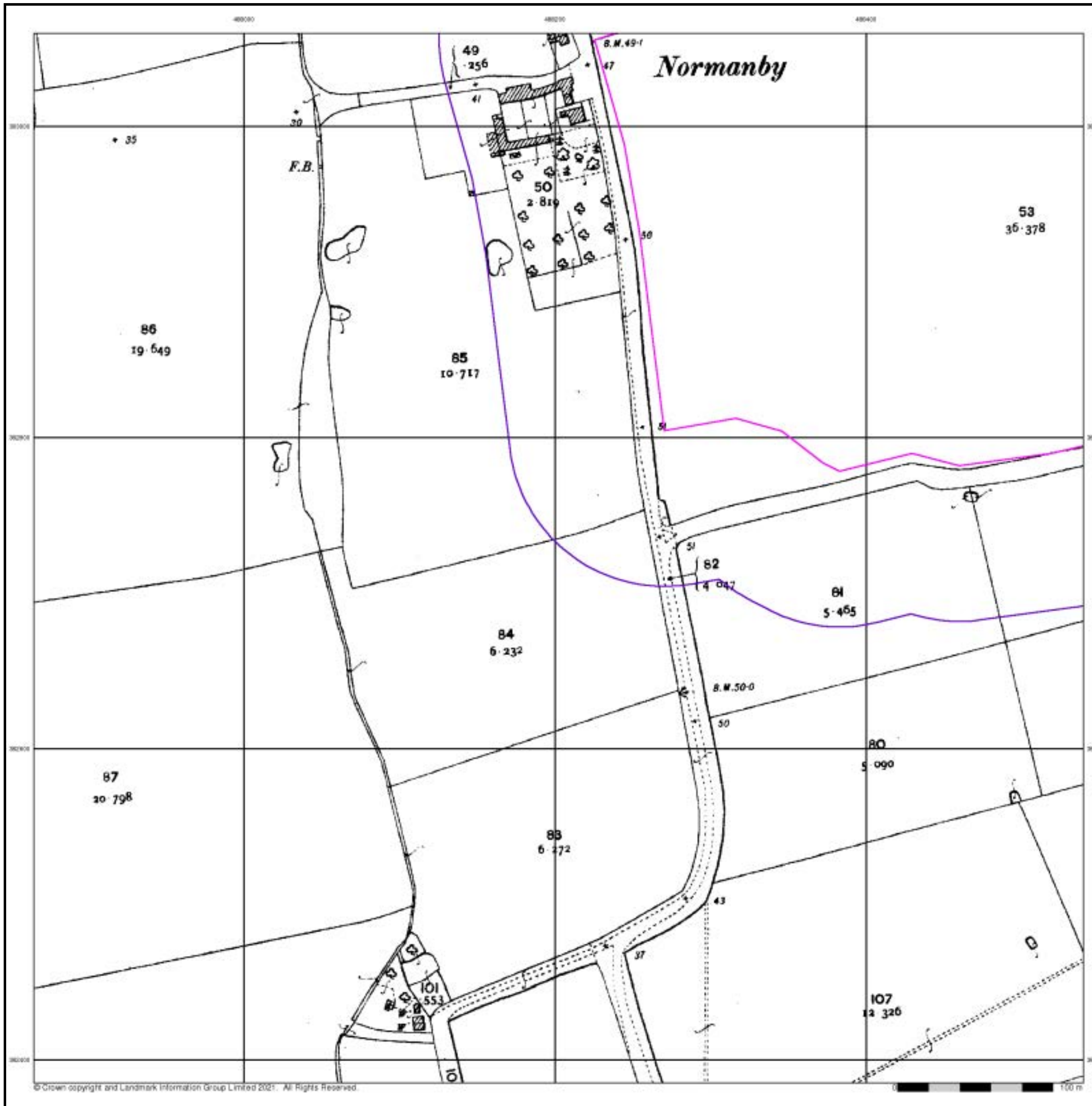


Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

Site Details

Cottam 1



### Ordnance Survey Plan

Published 1975

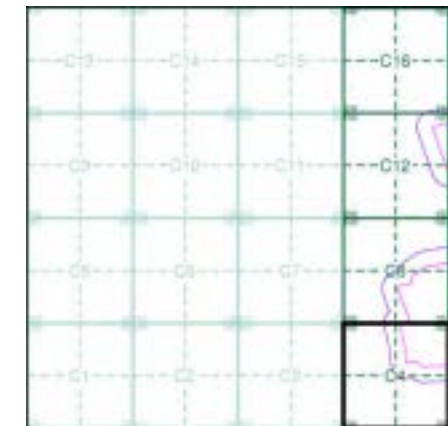
Source map scale - 1:2,500

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)

SK8783 1975 1:2,500	SK8883 1975 1:2,500
SK8782 1975 1:2,500	SK8882 1975 1:2,500

### Historical Map - Segment C4

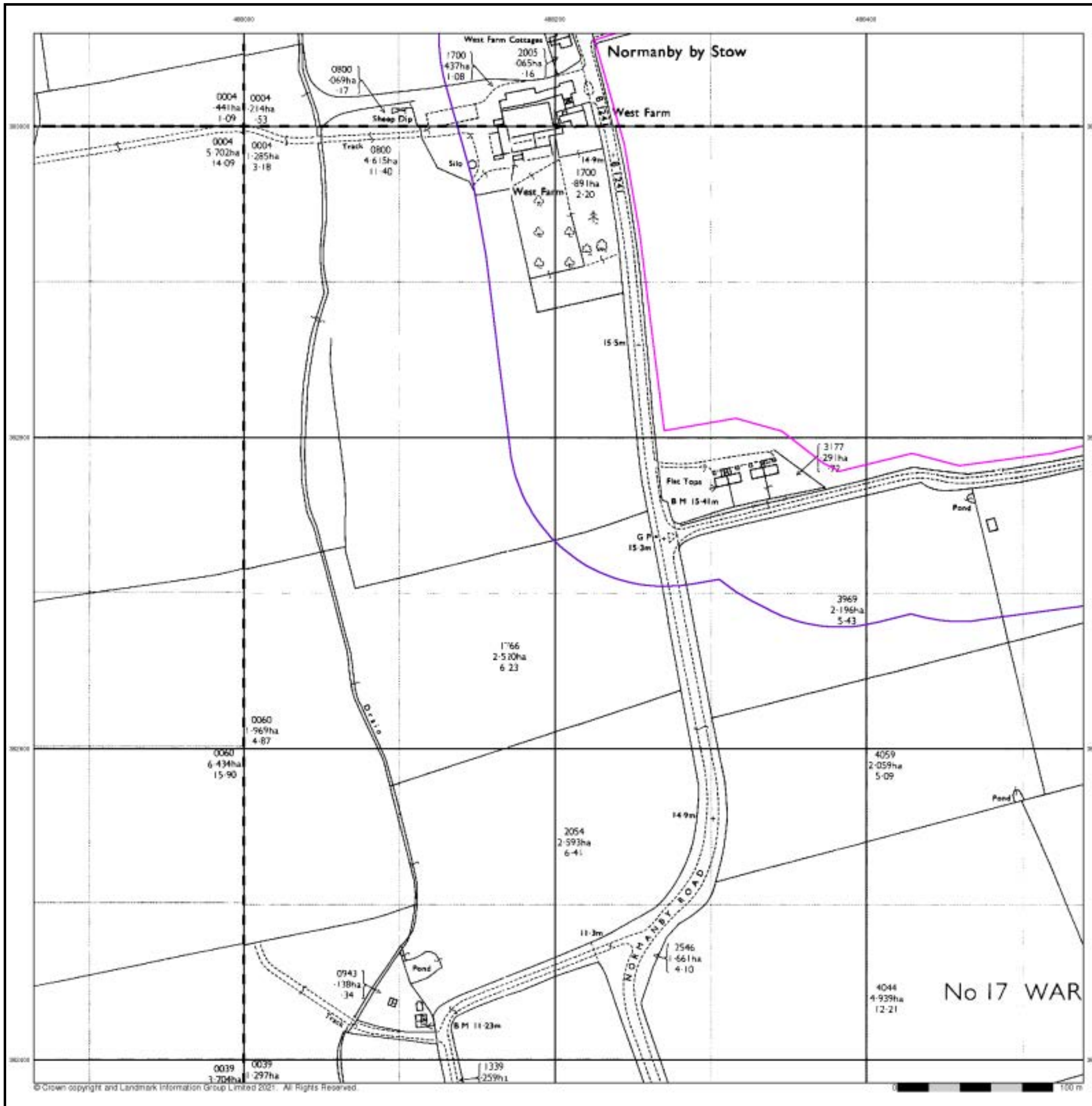


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

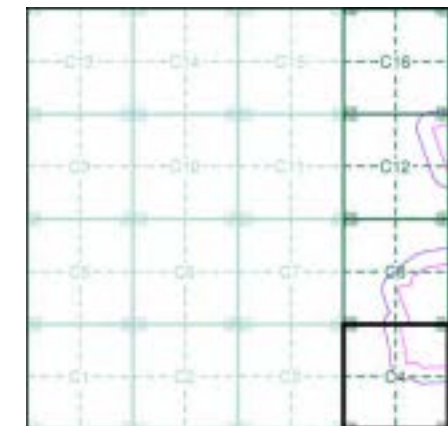
Source map scale - 1:2,500

'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)

SK8783 1994 1:2,500	SK8883 1994 1:2,500
SK8782 1994 1:2,500	SK8882 1994 1:2,500

### Historical Map - Segment C4



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

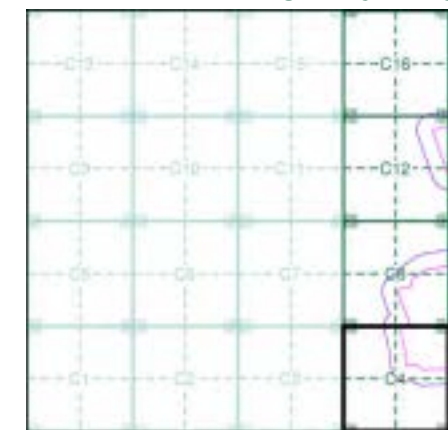


## Historical Aerial Photography

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 C4



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# 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

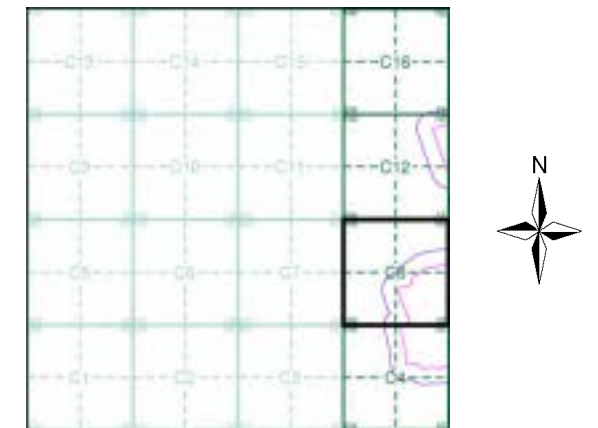
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment C8



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

## Lincolnshire

Published 1886

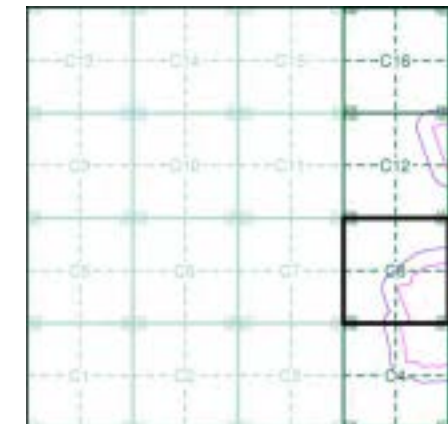
Source map scale - 1:2,500

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)

051_07
1886
1:2,500
051_11
1886
1:2,500

### Historical Map - Segment C8

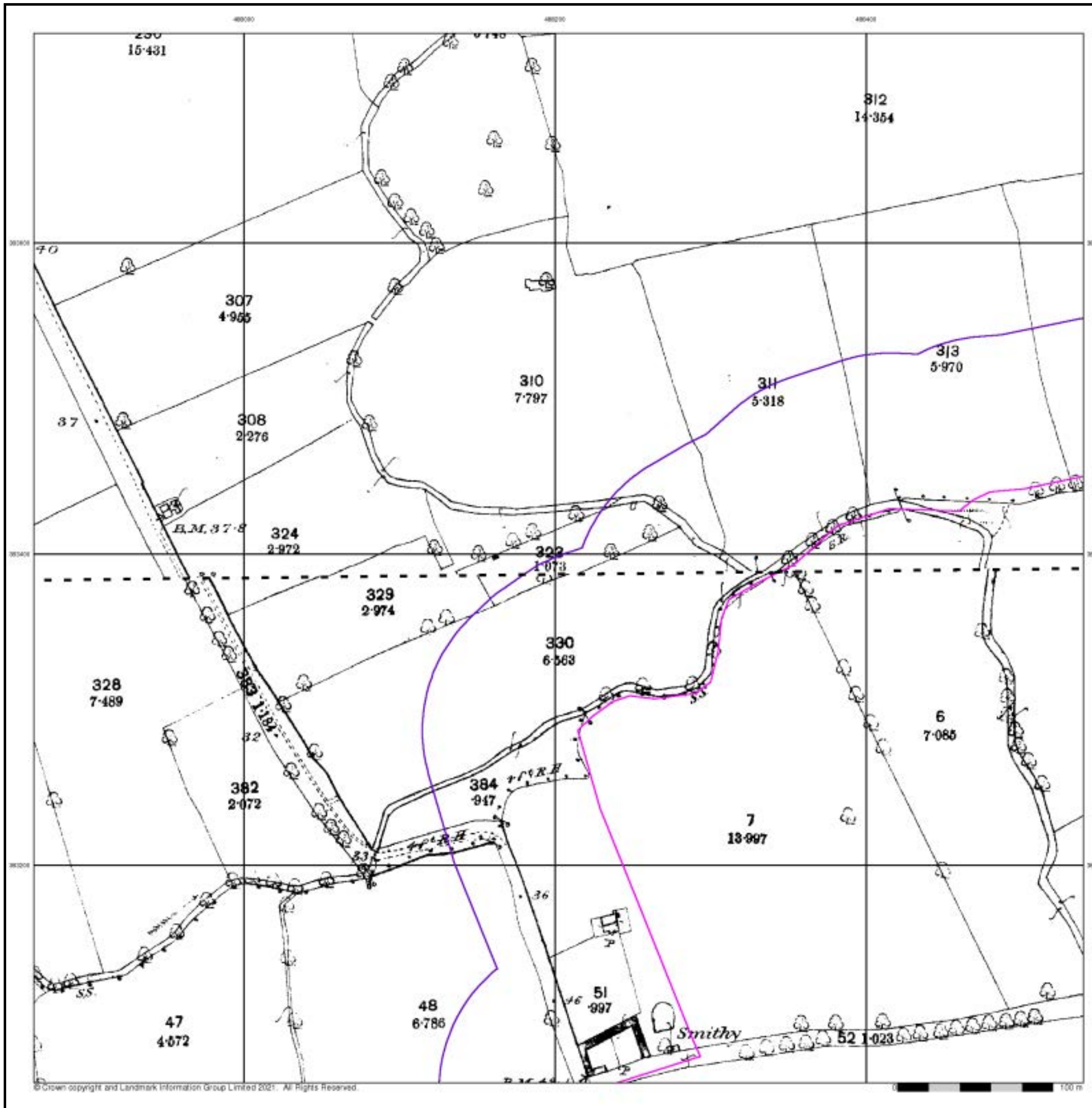


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





## Lincolnshire

Published 1906

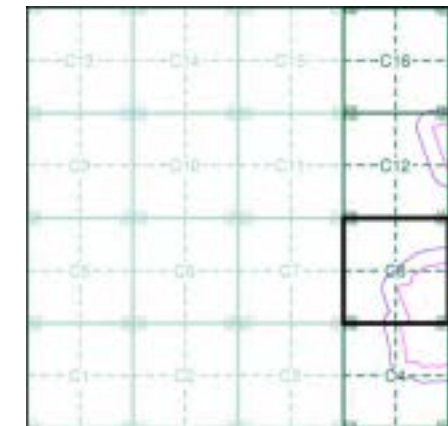
Source map scale - 1:2,500

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

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

051_07
1906
1:2,500
051_11
1906
1:2,500

### Historical Map - Segment C8

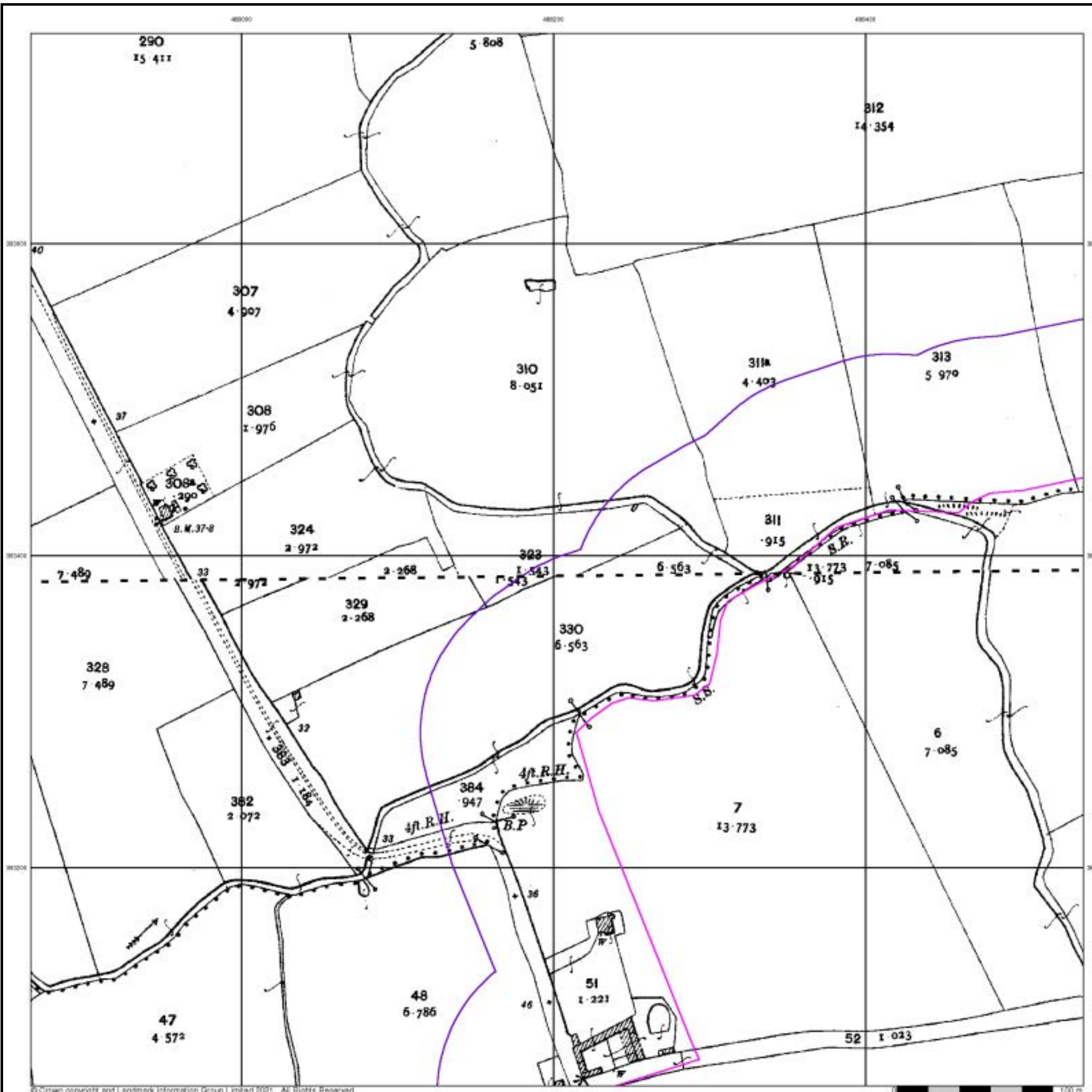


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



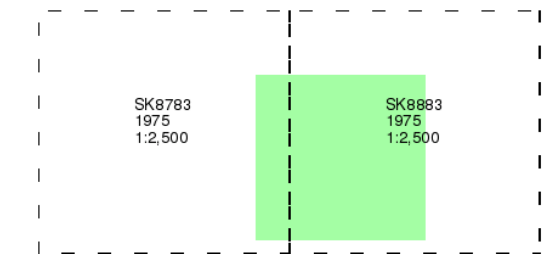
## Ordnance Survey Plan

Published 1975

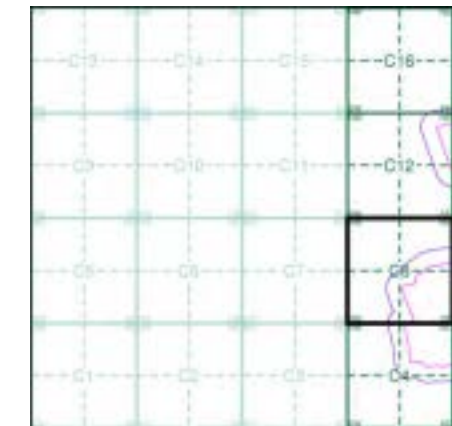
Source map scale - 1:2,500

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 C8

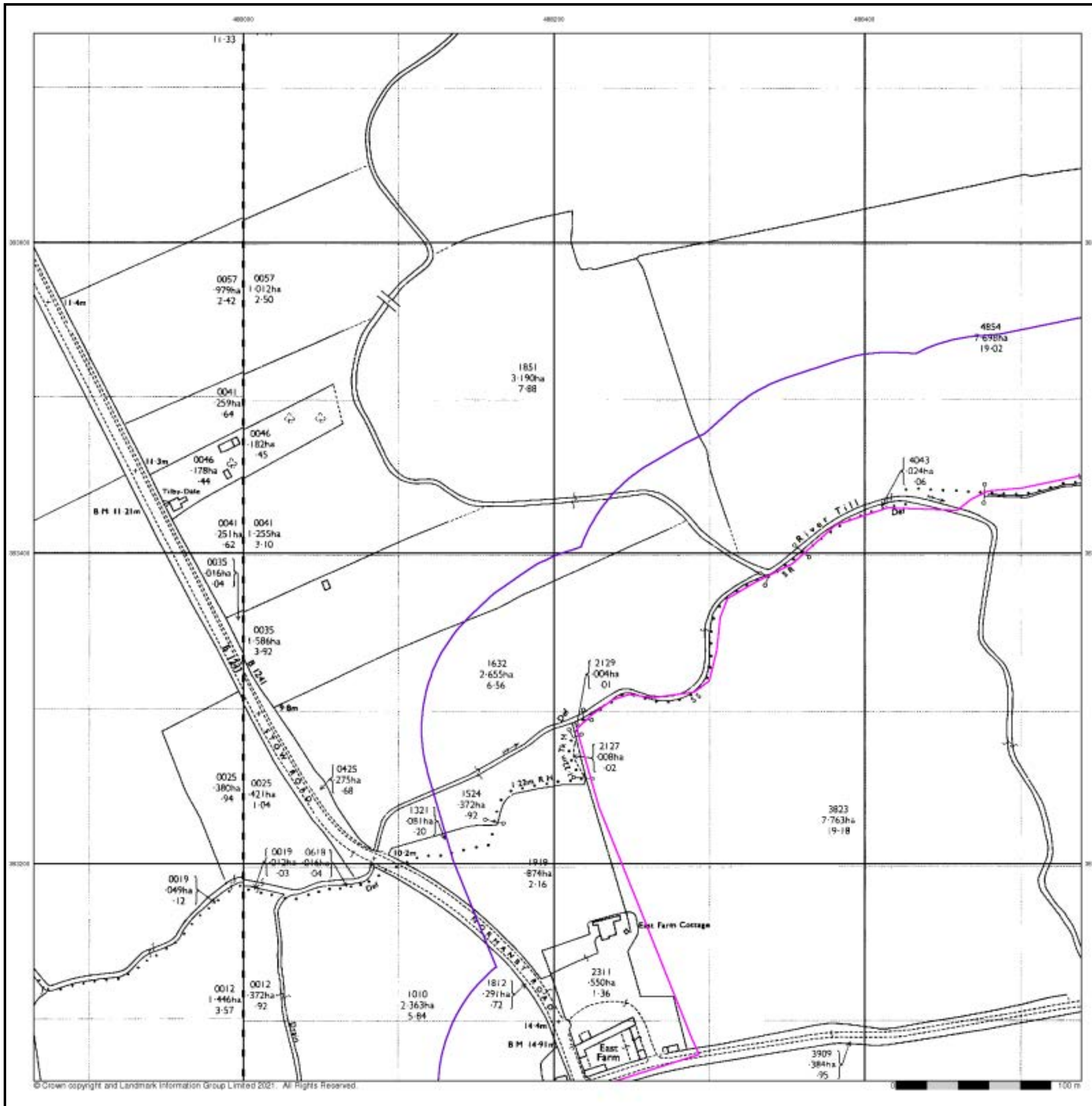


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



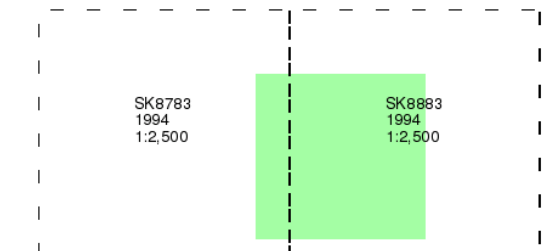
## Large-Scale National Grid Data

Published 1994

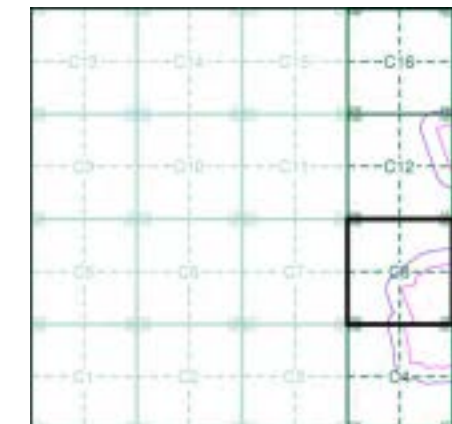
Source map scale - 1:2,500

'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 C8

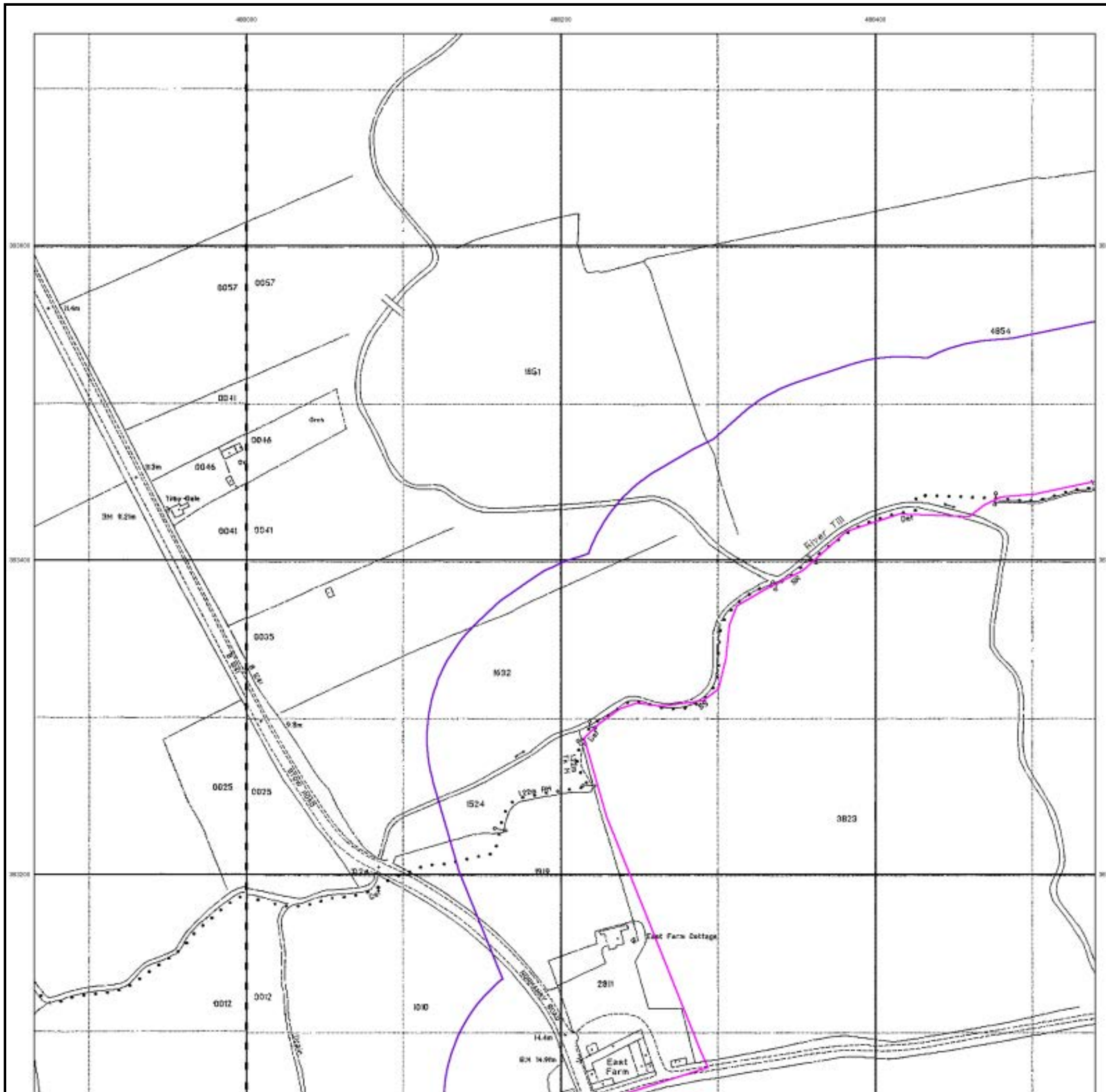


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



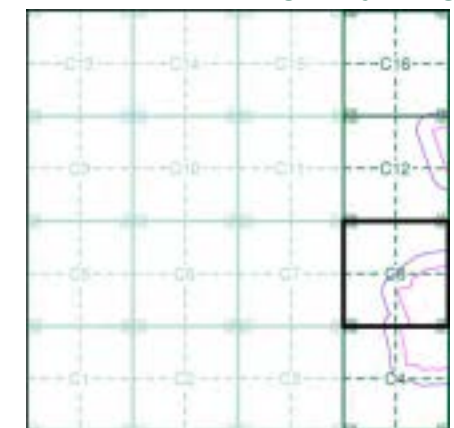
## Historical Aerial Photography

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 C8



#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1

# 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

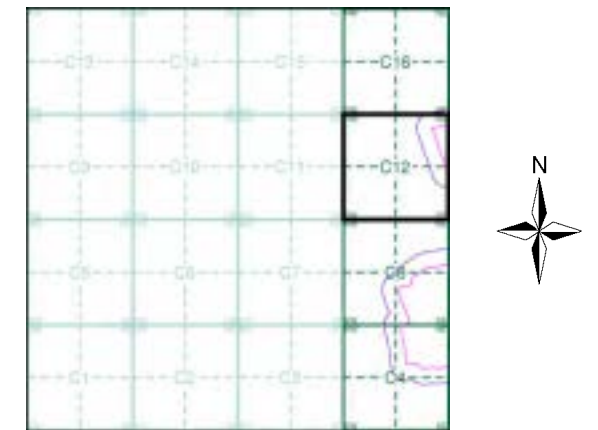
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1990	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

## Historical Map - Segment C12



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

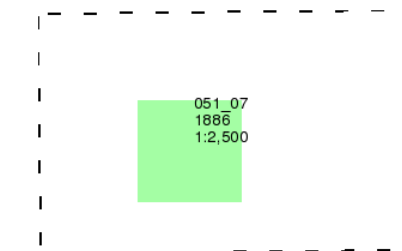
## Lincolnshire

Published 1886

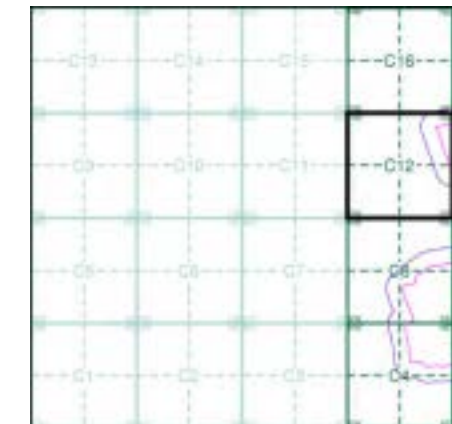
Source map scale - 1:2,500

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 C12

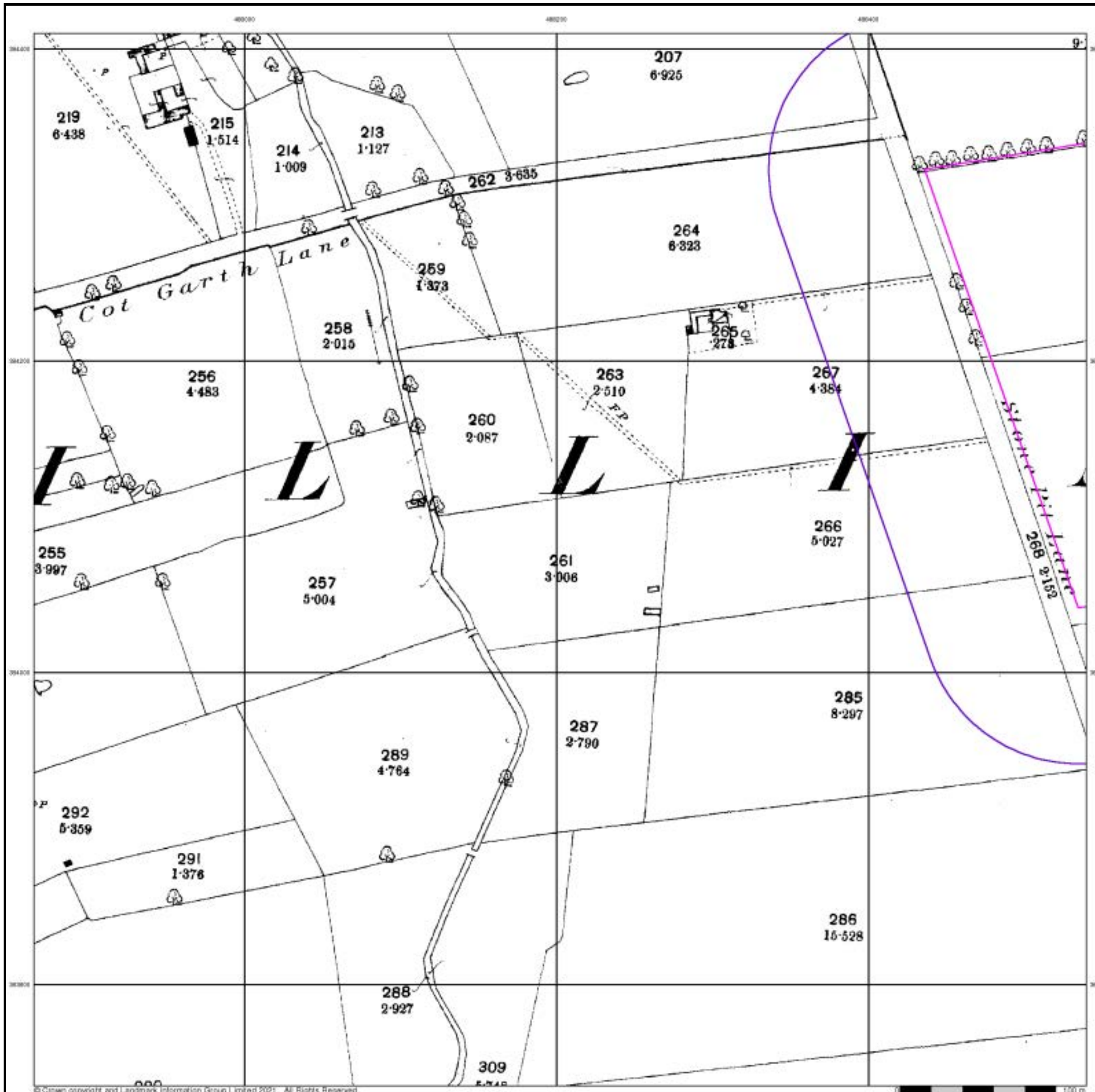


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



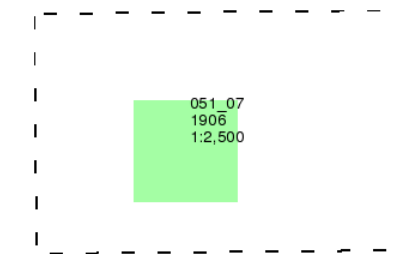
## Lincolnshire

Published 1906

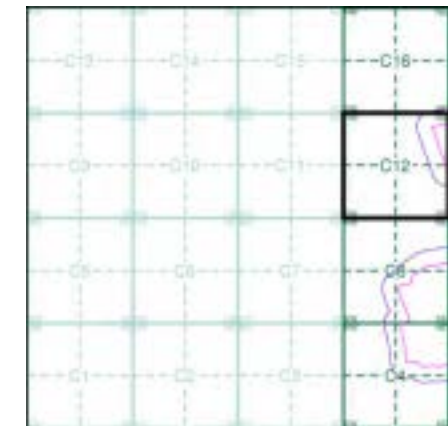
Source map scale - 1:2,500

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

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



### Historical Map - Segment C12

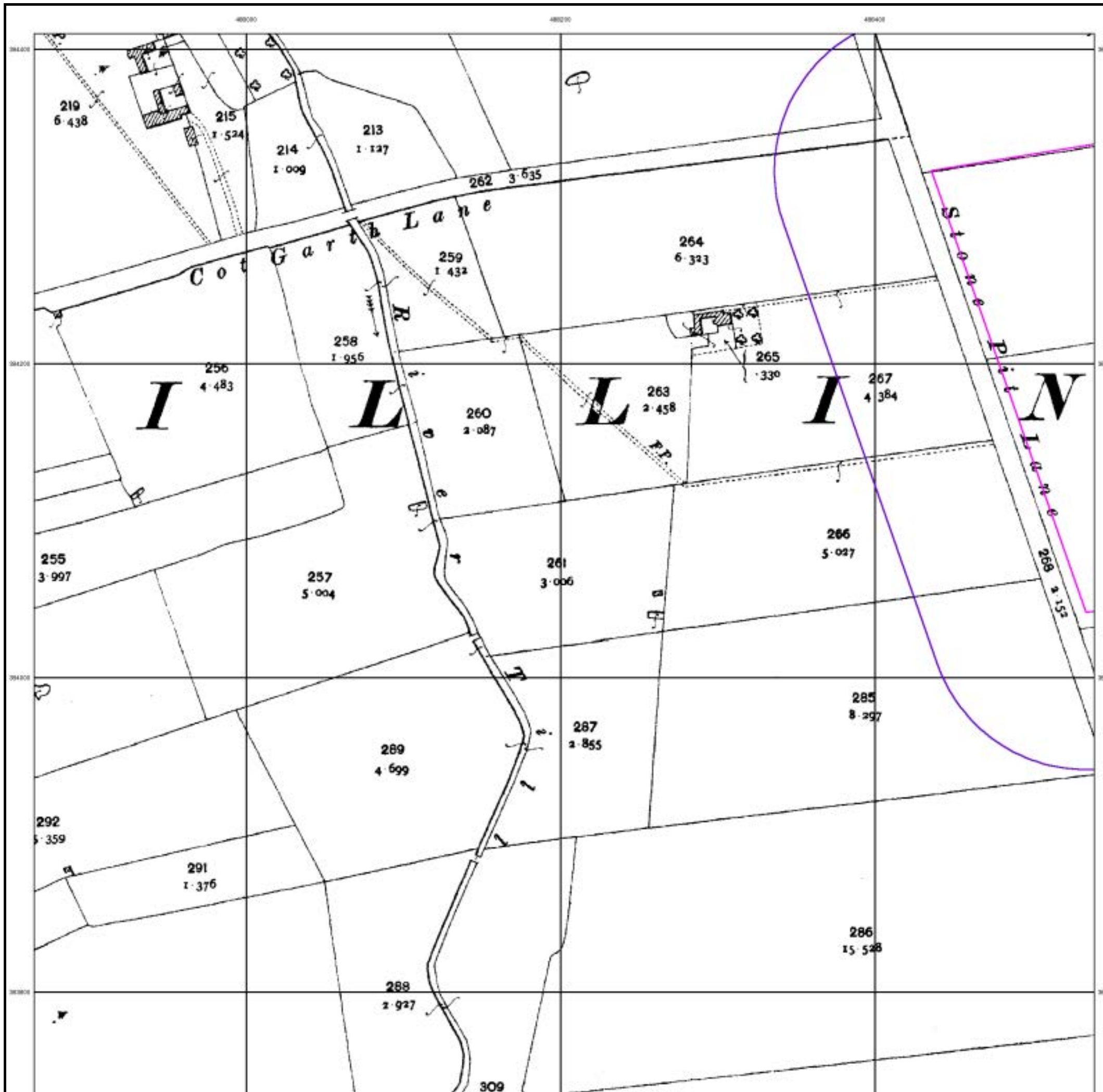


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Ordnance Survey Plan

Published 1975

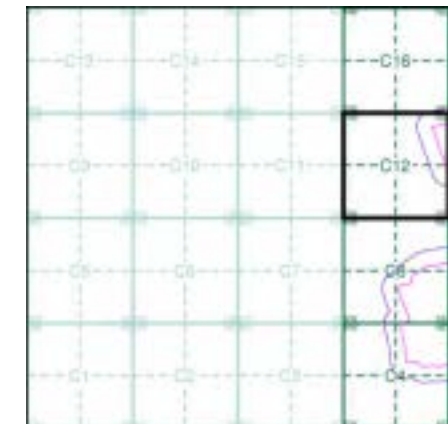
Source map scale - 1:2,500

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)

SK8784 1975 1:2,500	SK8884 1975 1:2,500
SK8783 1975 1:2,500	SK8883 1975 1:2,500

### Historical Map - Segment C12

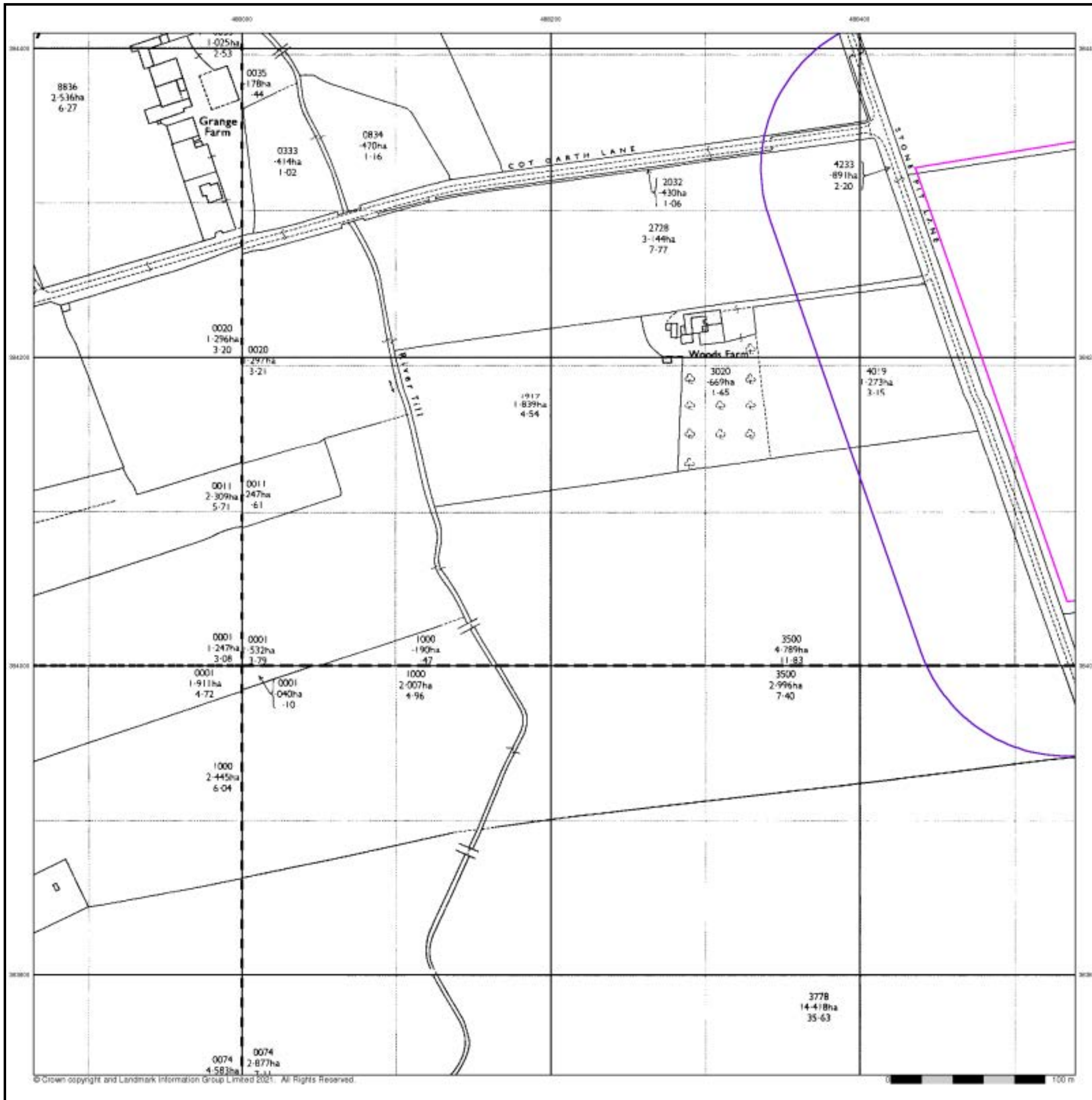


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





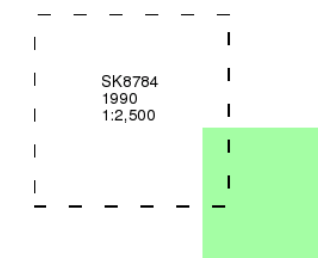
### Additional SIMs

Published 1990

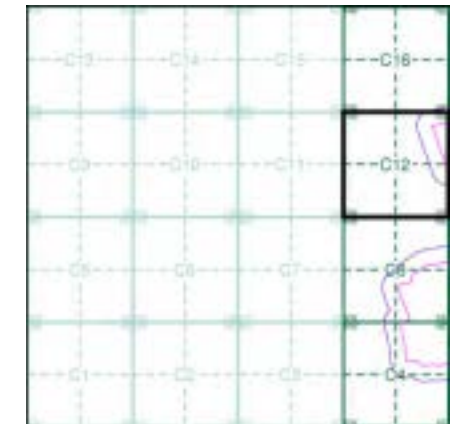
Source map scale - 1:2,500

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

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



### Historical Map - Segment C12

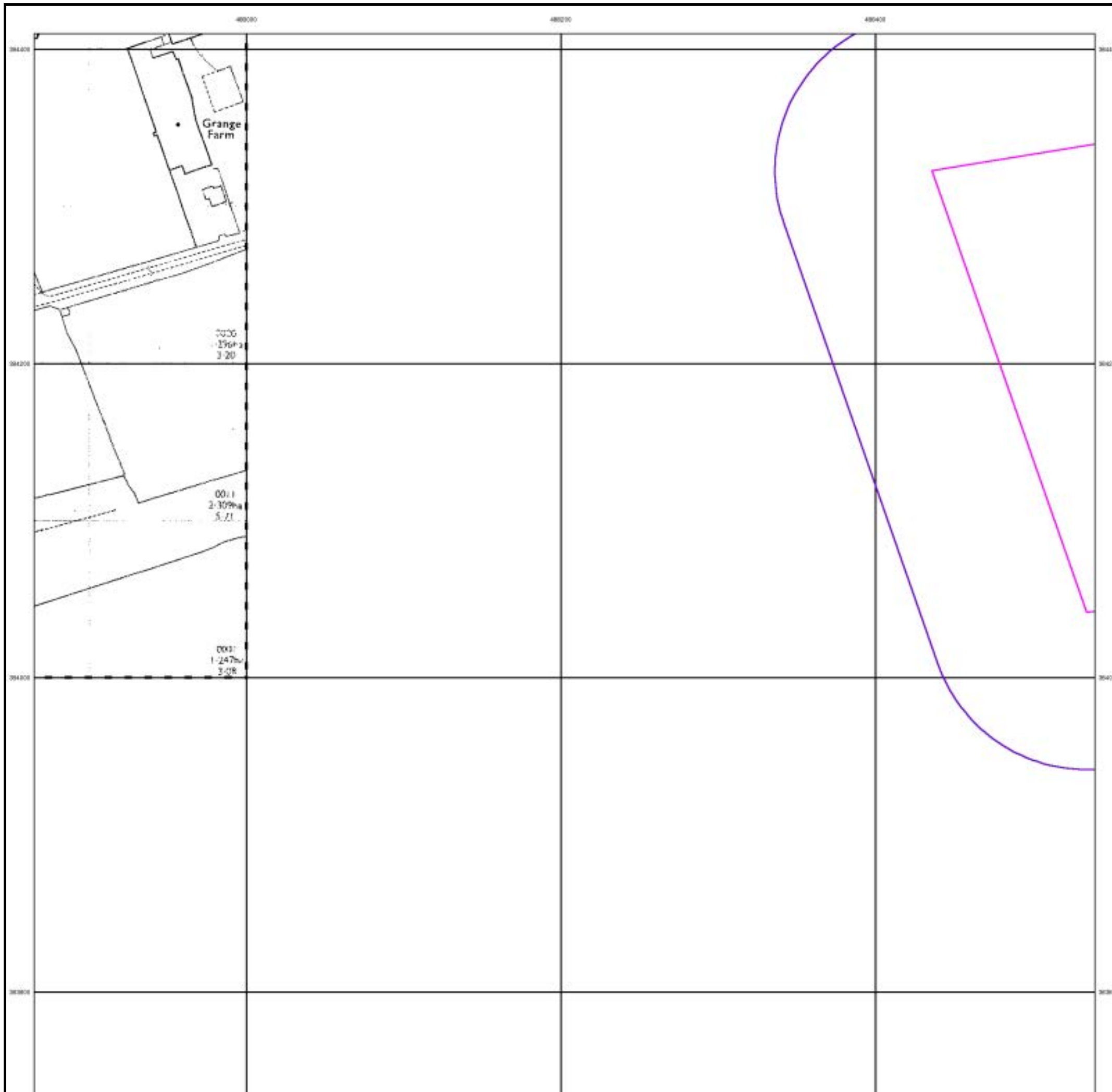


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

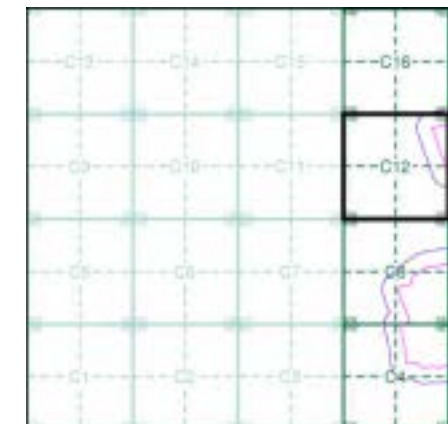
Source map scale - 1:2,500

'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)

SK8784	SK8884
1994	1994
12,500	12,500
SK8783	SK8883
1994	1994
12,500	12,500

### Historical Map - Segment C12



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

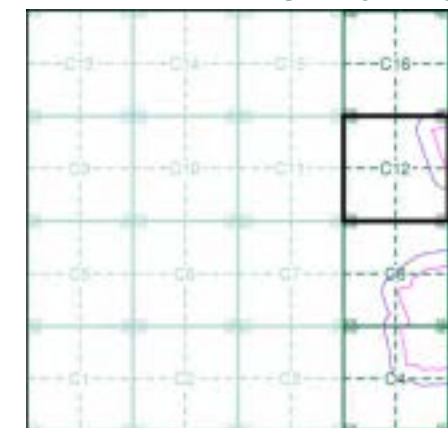
Cottam 1



## 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 C12



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# 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**  
**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

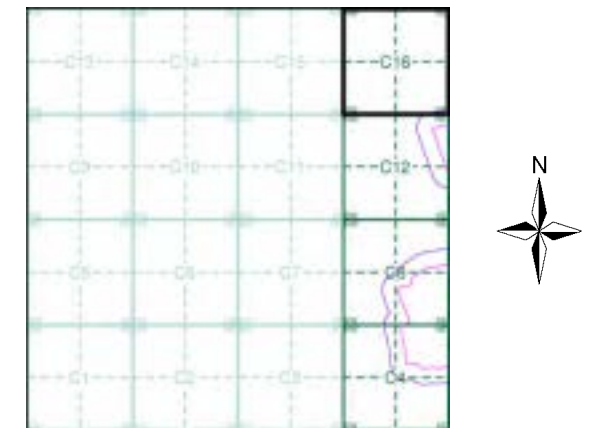
**Cliff**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1972 - 1975	4
Additional SIMs	1:2,500	1990	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

## Historical Map - Segment C16



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

Lincolnshire

Published 1886

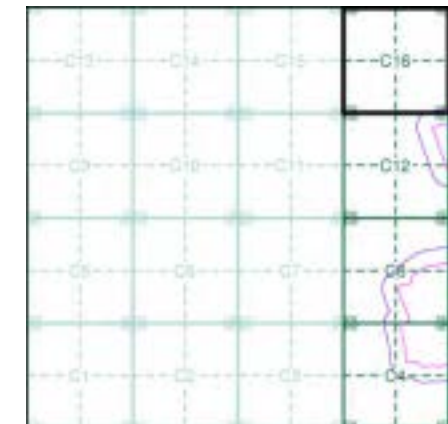
Source map scale - 1:2,500

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)

051_03	1886	1:2,500
051_07	1886	1:2,500

Historical Map - Segment C16

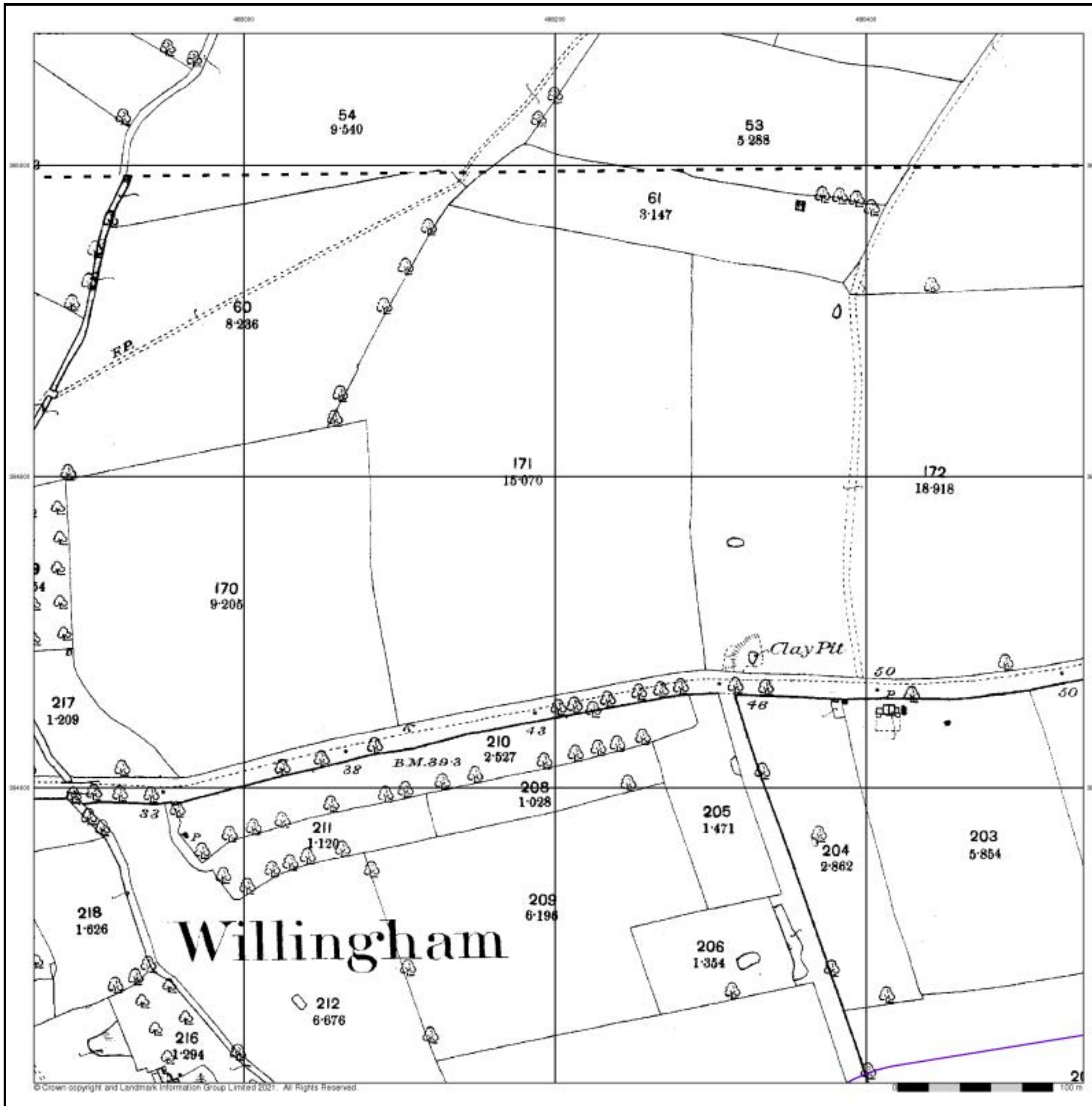


Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

Site Details

Cottam 1



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Lincolnshire

Published 1906

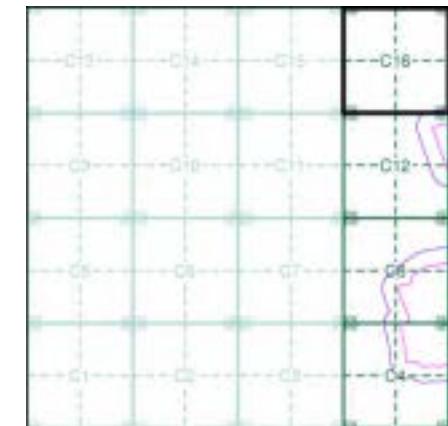
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

051_03	1906	1:2,500
051_07	1906	1:2,500

Historical Map - Segment C16

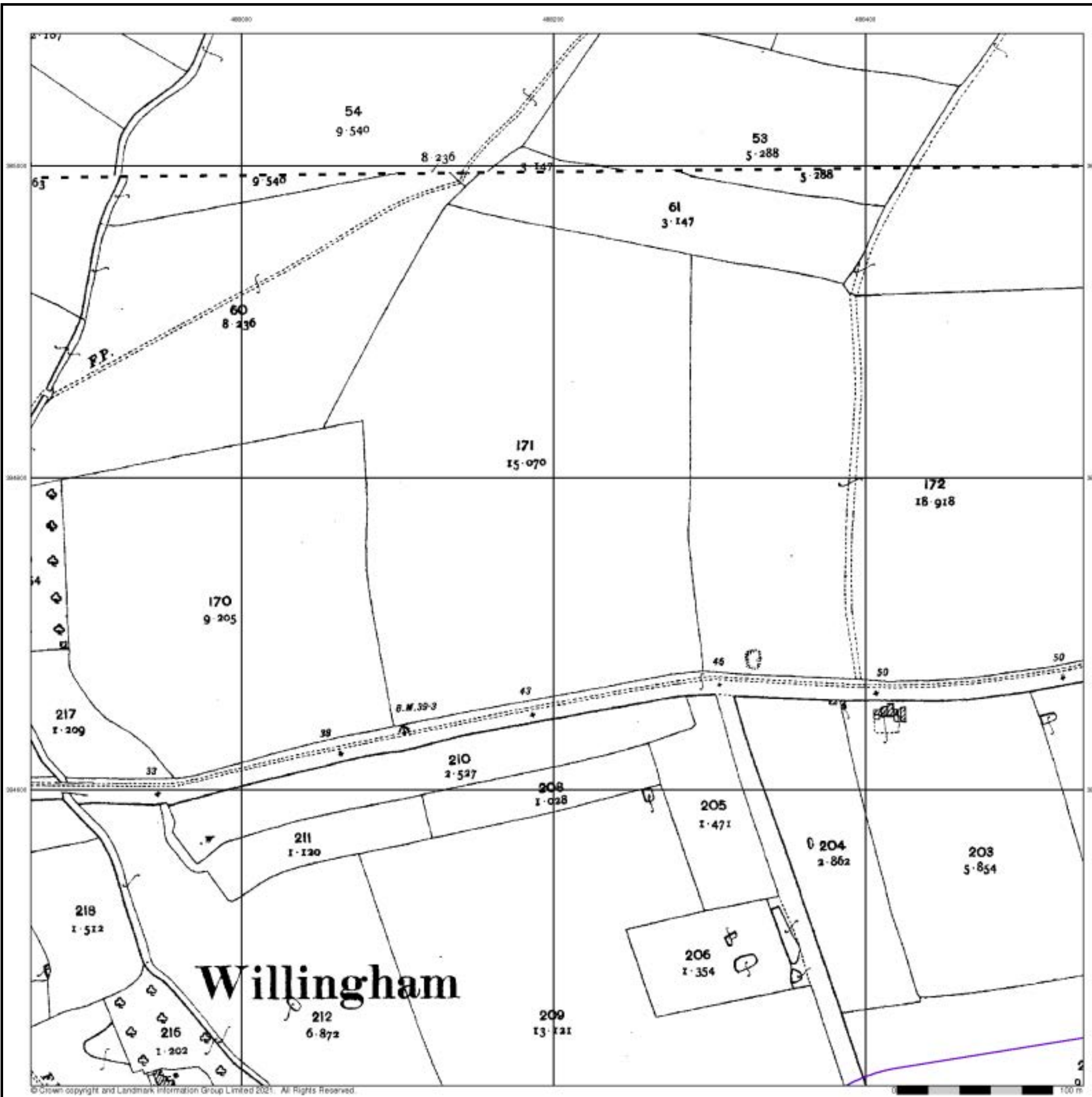


Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

Site Details

Cottam 1



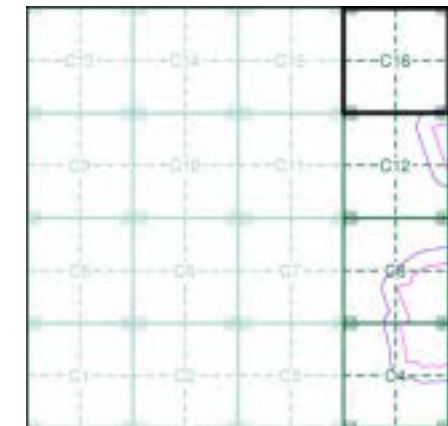
**Ordnance Survey Plan**  
**Published 1972 - 1975**  
**Source map scale - 1:2,500**

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)**

SK8785 1973 12,500	SK8885 1972 12,500
SK8784 1975 12,500	SK8884 1975 12,500

**Historical Map - Segment C16**



**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



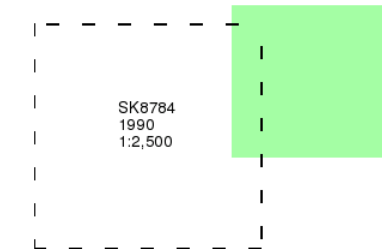
### Additional SIMs

Published 1990

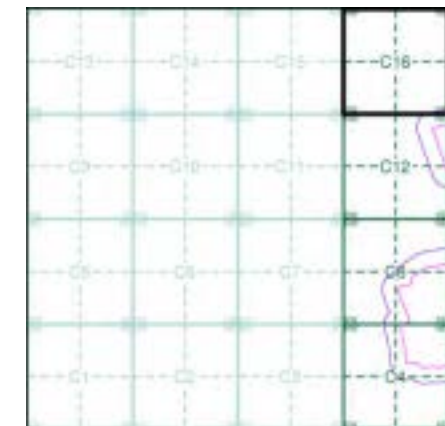
Source map scale - 1:2,500

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

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



### Historical Map - Segment C16

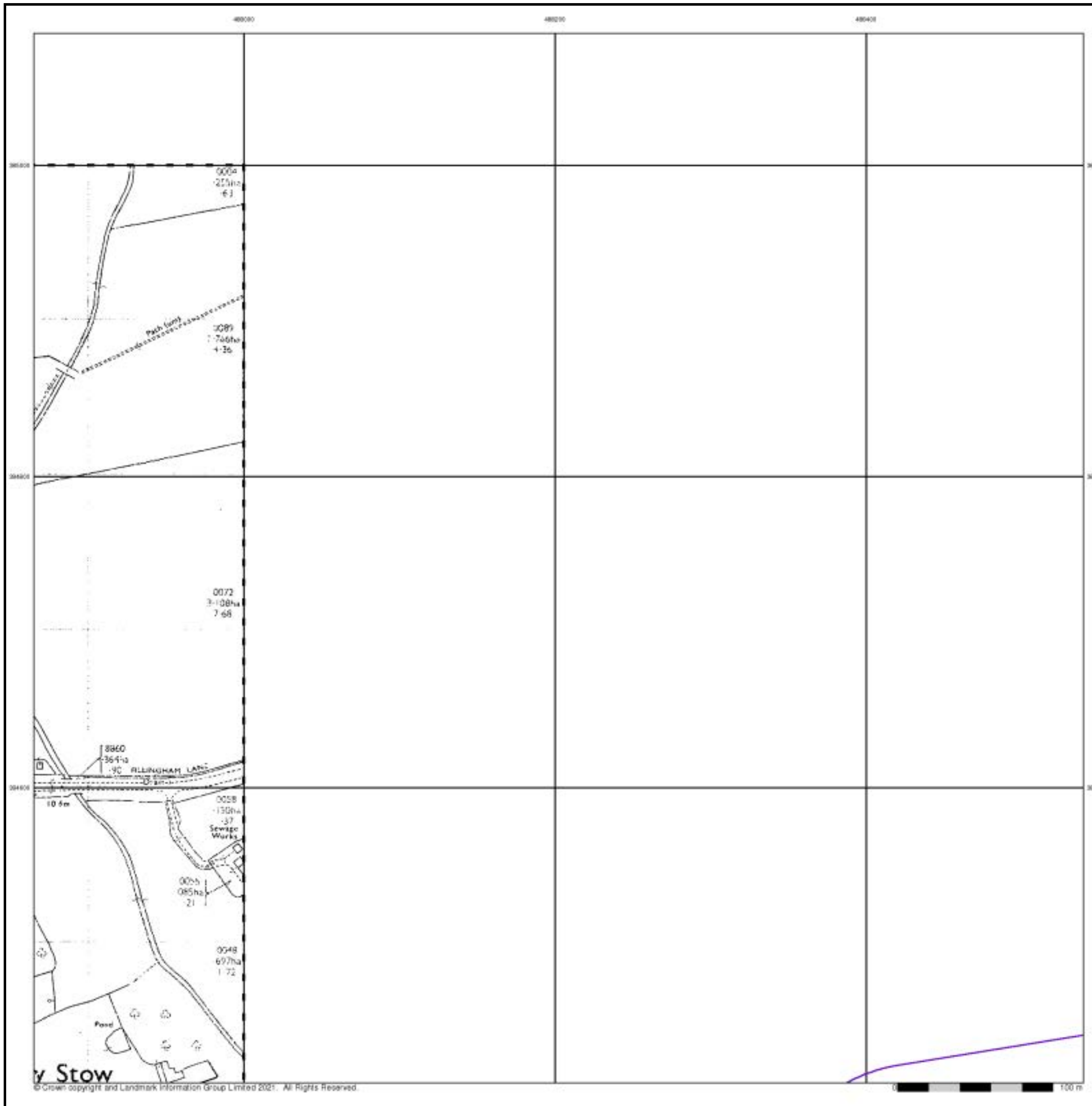


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





## Large-Scale National Grid Data

Published 1994

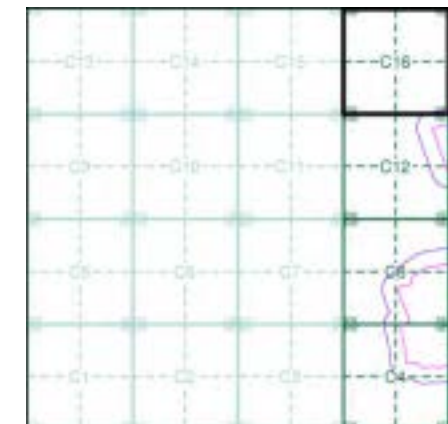
Source map scale - 1:2,500

'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)

SK8785 1994 1:2,500	SK8885 1994 1:2,500
SK8784 1994 1:2,500	SK8884 1994 1:2,500

### Historical Map - Segment C16



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

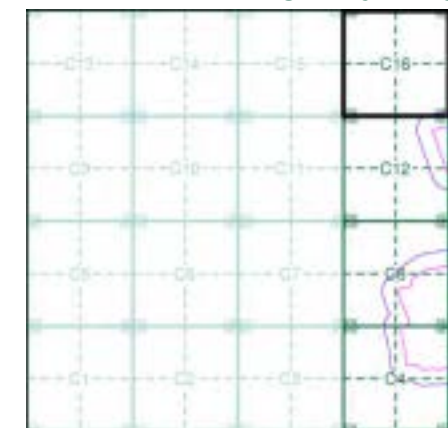
Cottam 1



## 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 C16



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

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

## Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- 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

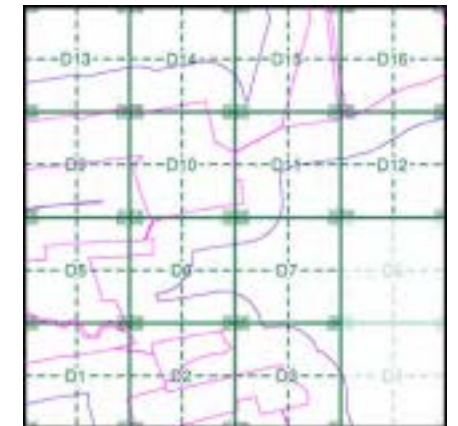
- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- General detail
- Overhead detail
- Multi-track railway
- County boundary (England only)
- District, Unitary, Metropolitan, London Borough boundary
- Area of wooded vegetation
- Non-coniferous trees (scattered)
- Coniferous trees (scattered)
- Orchard
- Rough Grassland
- Scrub
- Water feature
- Mean high water (springs)
- Telephone line (where shown)
- 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
- Mean low water (springs)
- Electricity transmission line (with poles)
- Triangulation station
- Pylon, flare stack or lighting tower
- Glasshouse
- Important Building



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1885	2
Lincolnshire	1:10,560	1907	3
Lincolnshire	1:10,560	1907	4
Lincolnshire	1:10,560	1947	5
Ordnance Survey Plan	1:10,000	1956	6
Ordnance Survey Plan	1:10,000	1970 - 1979	7
Ordnance Survey Plan	1:10,000	1980 - 1981	8
10K Raster Mapping	1:10,000	2000	9
10K Raster Mapping	1:10,000	2006	10
VectorMap Local	1:10,000	2021	11

## Historical Map - Slice D



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

## Site Details

Cottam 1



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

## Lincolnshire

Published 1885

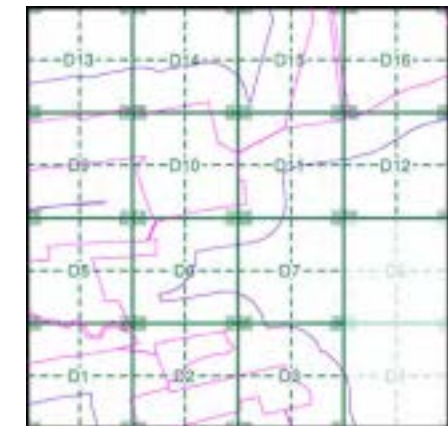
Source map scale - 1:10,560

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)

051NE
1885
1:10,560
051SE
1885
1:10,560

### Historical Map - Slice D

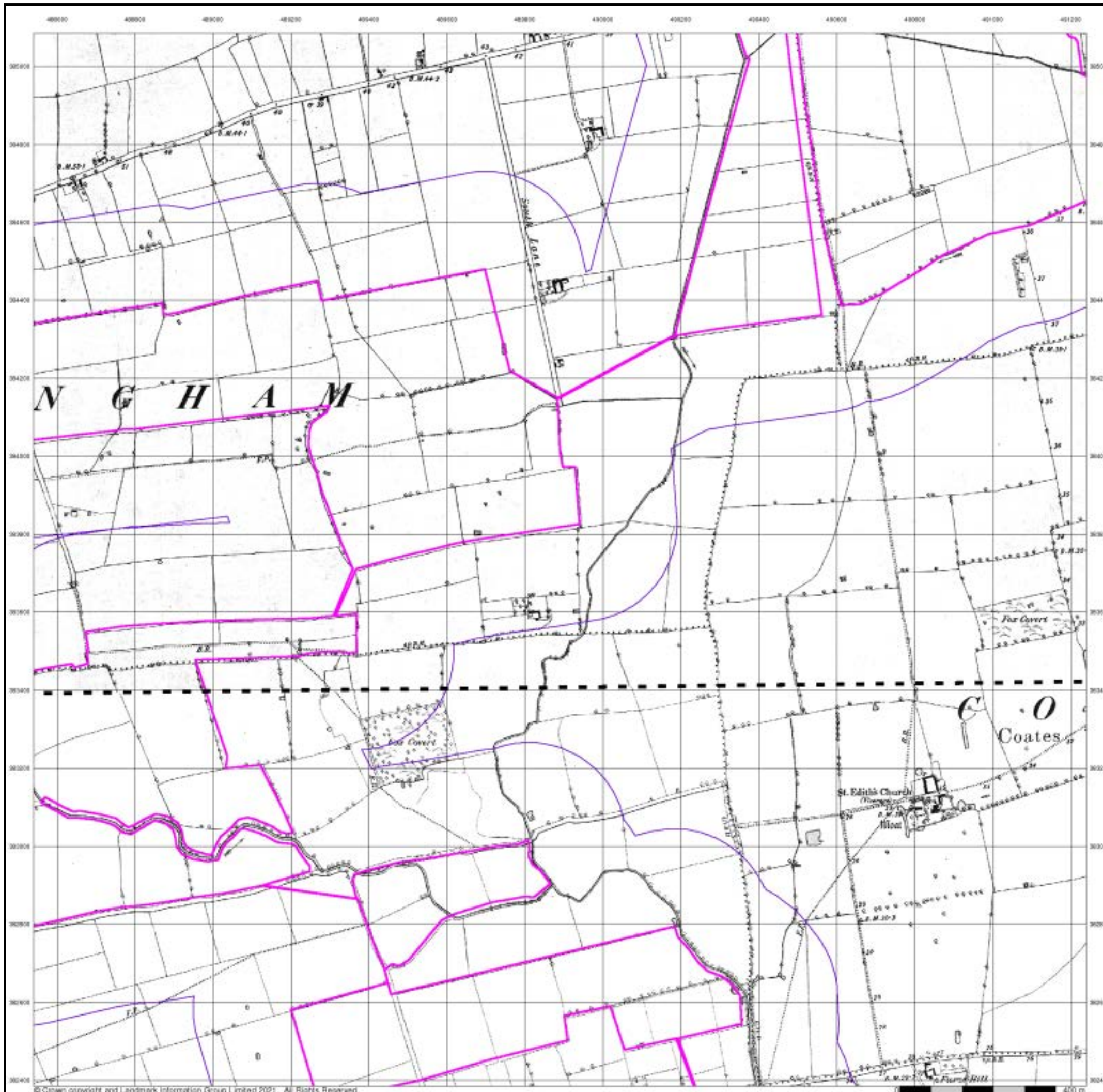


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1907

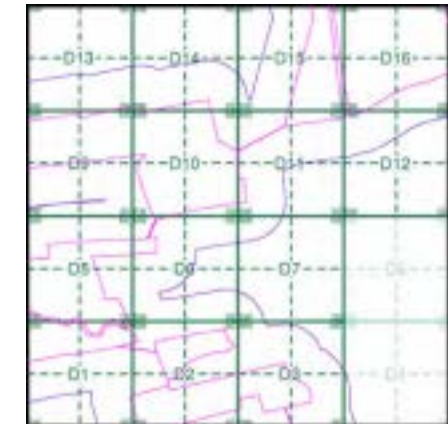
Source map scale - 1:10,560

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

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

051NE
1907
1:10,560
051SE
1907
1:10,560

### Historical Map - Slice D

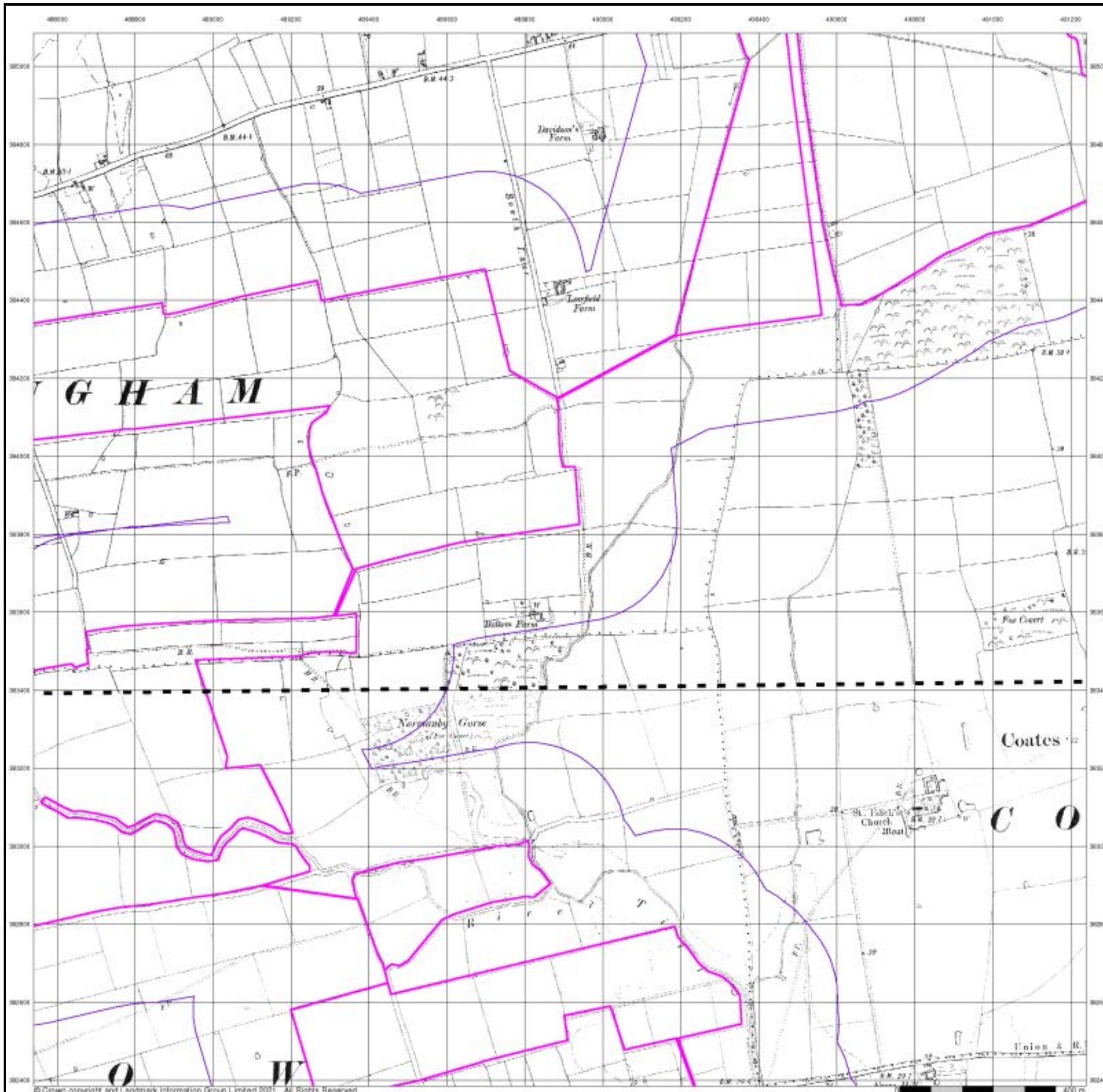


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



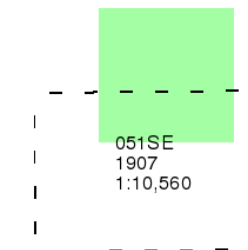
## Lincolnshire

Published 1907

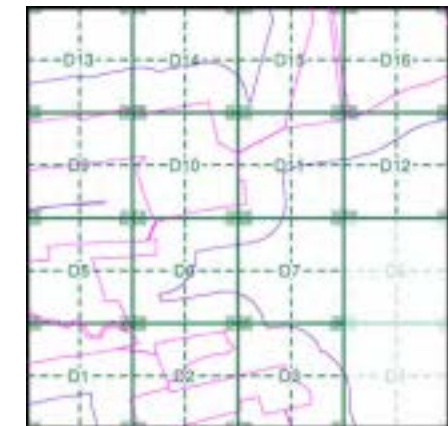
Source map scale - 1:10,560

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

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



### Historical Map - Slice D

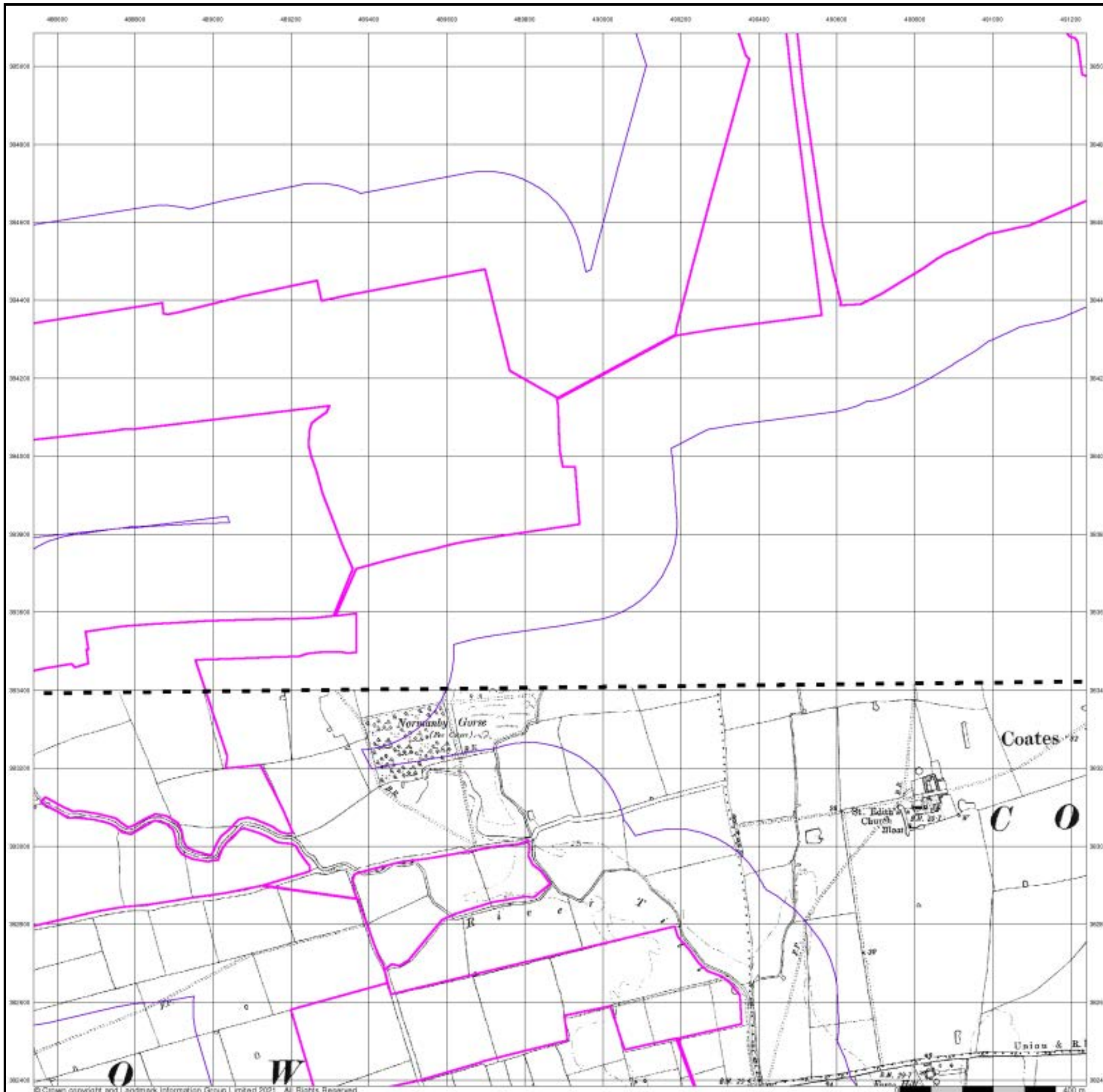


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



Lincolnshire

Published 1947

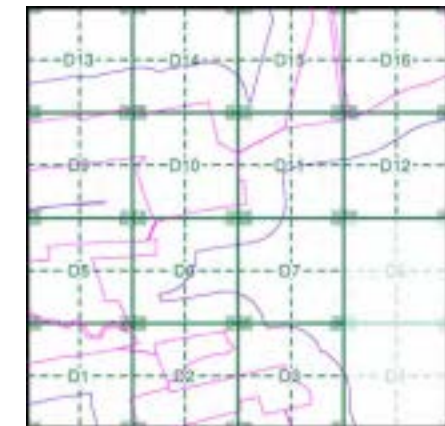
Source map scale - 1:10,560

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)

051NE	1947	1:10,560
051SE	1947	1:10,560

Historical Map - Slice D

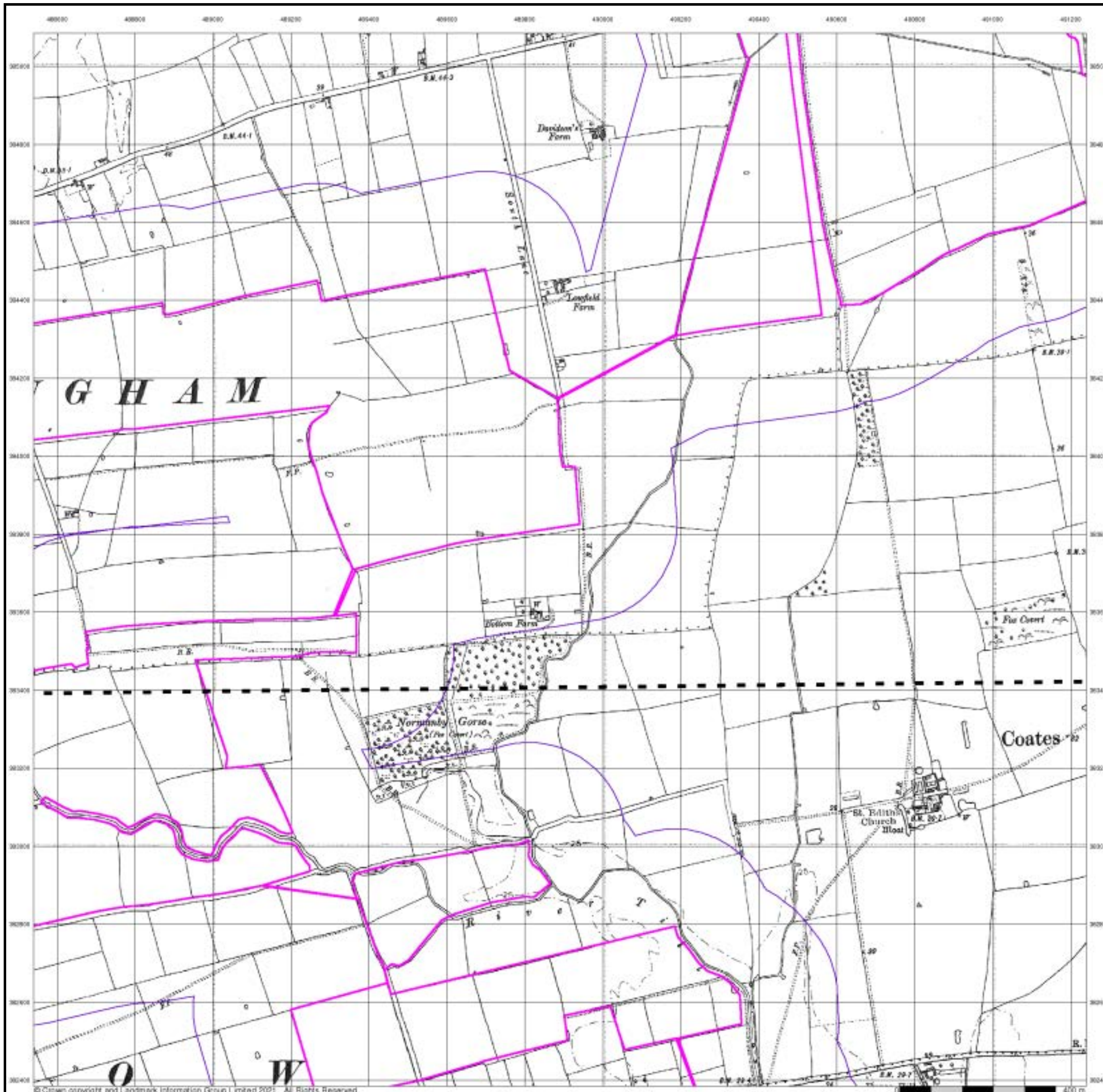


Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

Site Details

Cottam 1



## Ordnance Survey Plan

Published 1956

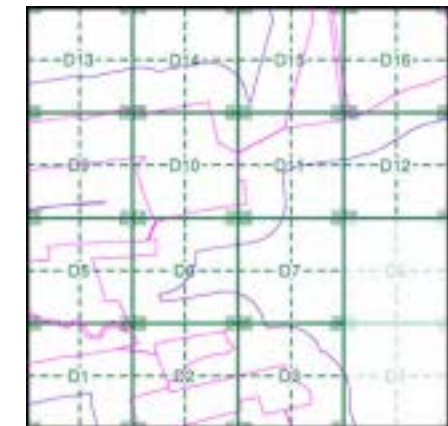
Source map scale - 1:10,000

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

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

SK88NE	SK98NW
1956	1956
1:10,560	1:10,560
SK88SE	SK98SW
1956	1956
1:10,560	1:10,560

### Historical Map - Slice D

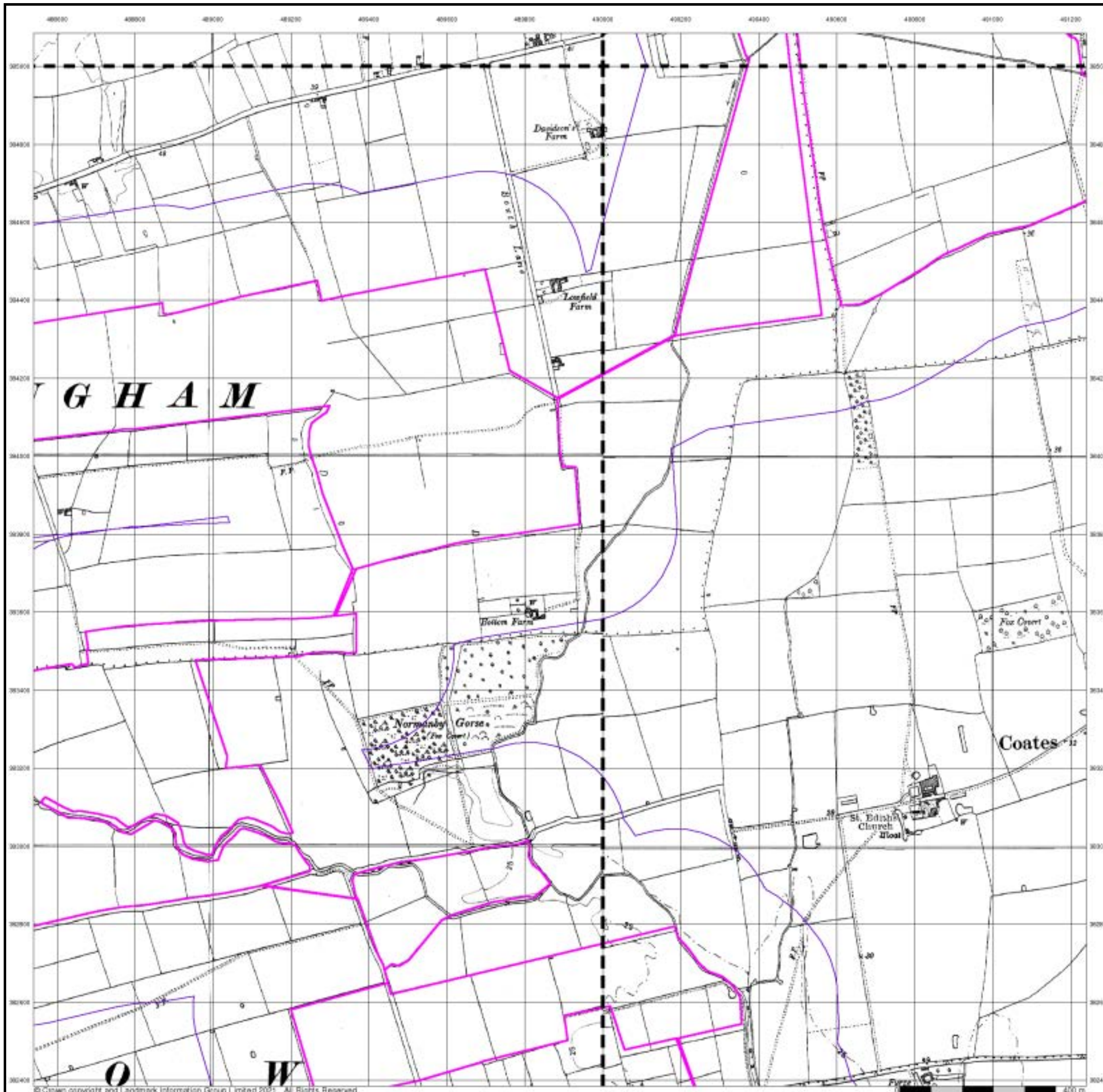


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1





## Ordnance Survey Plan

Published 1970 - 1979

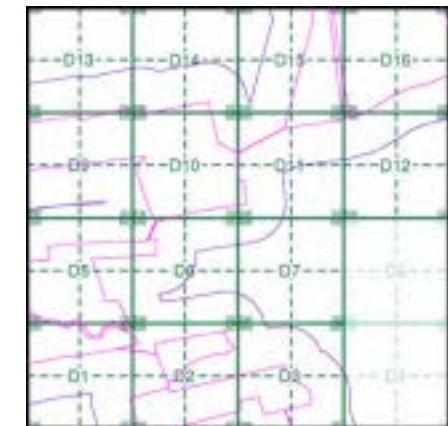
Source map scale - 1:10,000

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)

SK88NE	SK98NW
1970	1979
1:10,560	1:10,000
	SK98SW
	1979
	1:10,000

### Historical Map - Slice D



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Ordnance Survey Plan

Published 1980 - 1981

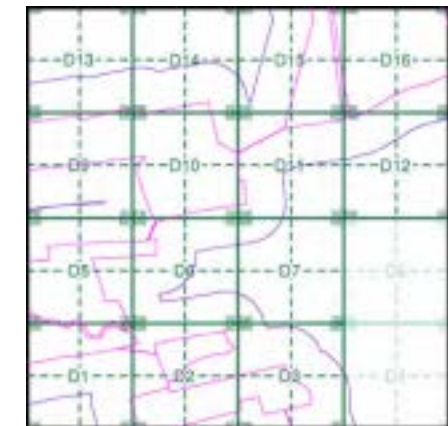
Source map scale - 1:10,000

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)

SK88NE	1980	1:10,000
SK88SE	1981	1:10,000

### Historical Map - Slice D

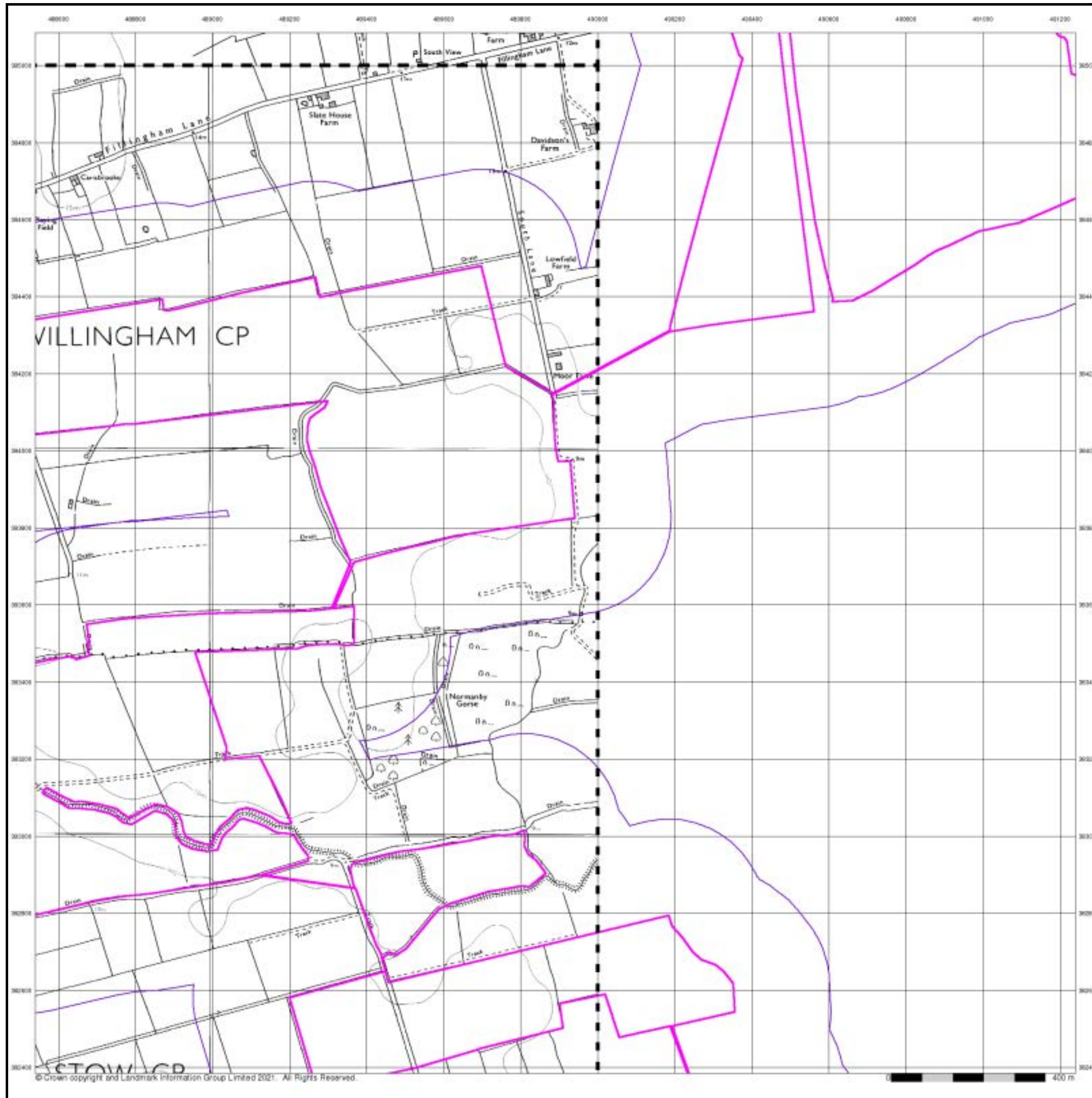


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



### 10k Raster Mapping

Published 2000

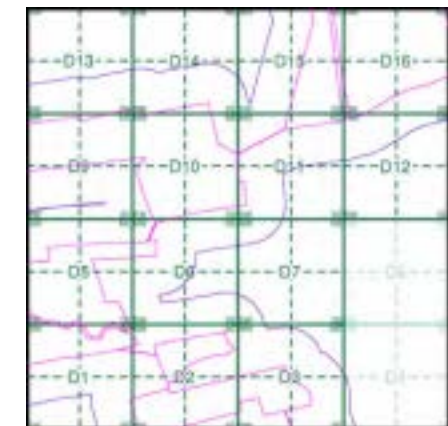
Source map scale - 1:10,000

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

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

SK88NE	SK98NW
2000	2000
1:10,000	1:10,000
SK88SE	SK98SW
2000	2000
1:10,000	1:10,000

### Historical Map - Slice D

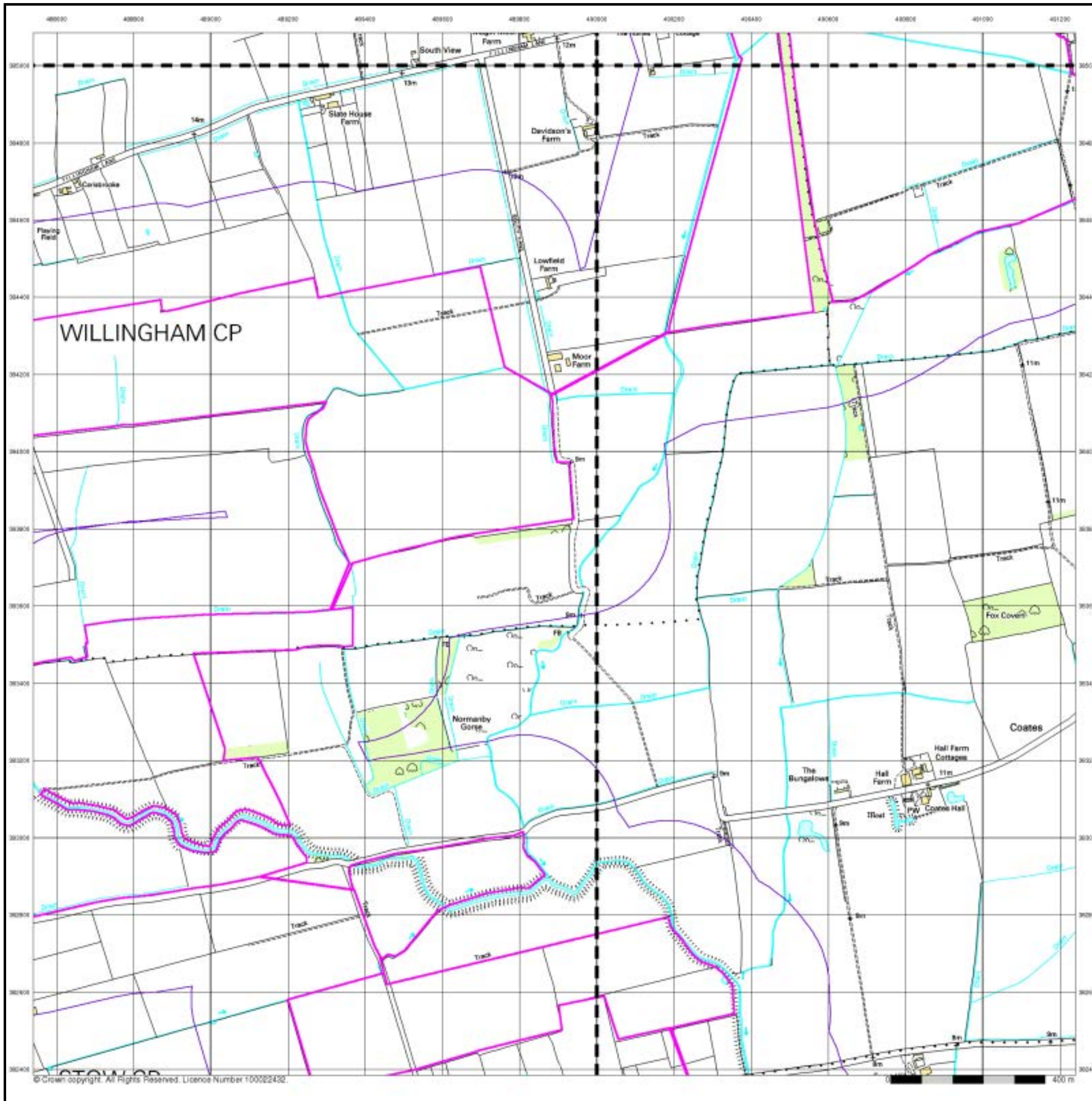


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## 10k Raster Mapping

Published 2006

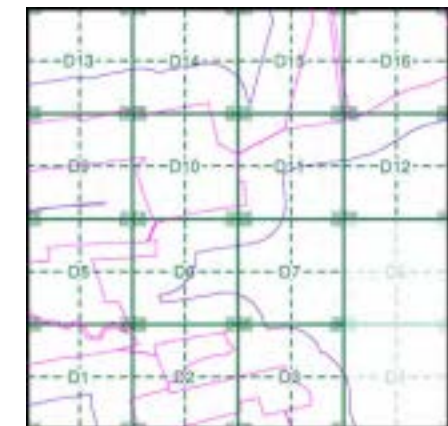
Source map scale - 1:10,000

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)

SK88NE	SK98NW
2006	2006
1:10,000	1:10,000
SK88SE	SK98SW
2006	2006
1:10,000	1:10,000

### Historical Map - Slice D

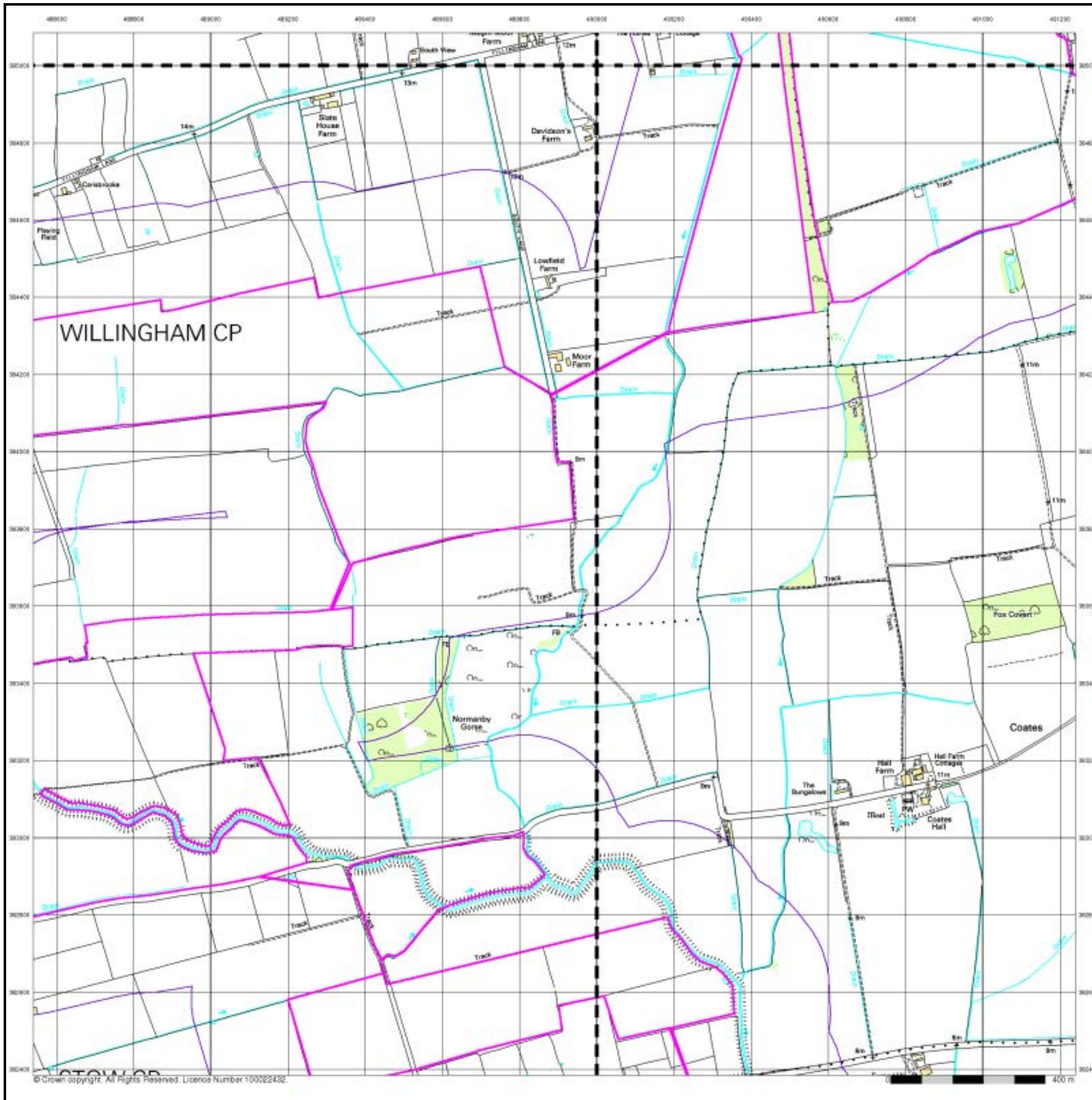


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## VectorMap Local

Published 2021

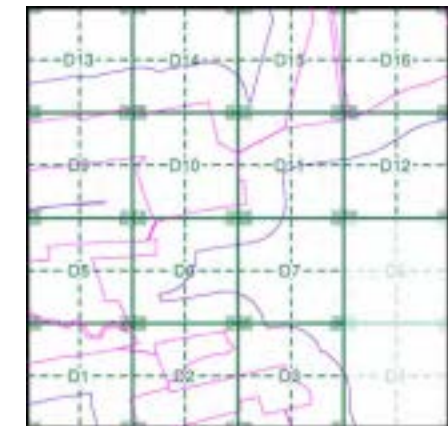
Source map scale - 1:10,000

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)

SK88NE	SK98NW
2021	2021
Variable	Variable
SK88SE	SK98SW
2021	2021
Variable	Variable

### Historical Map - Slice D

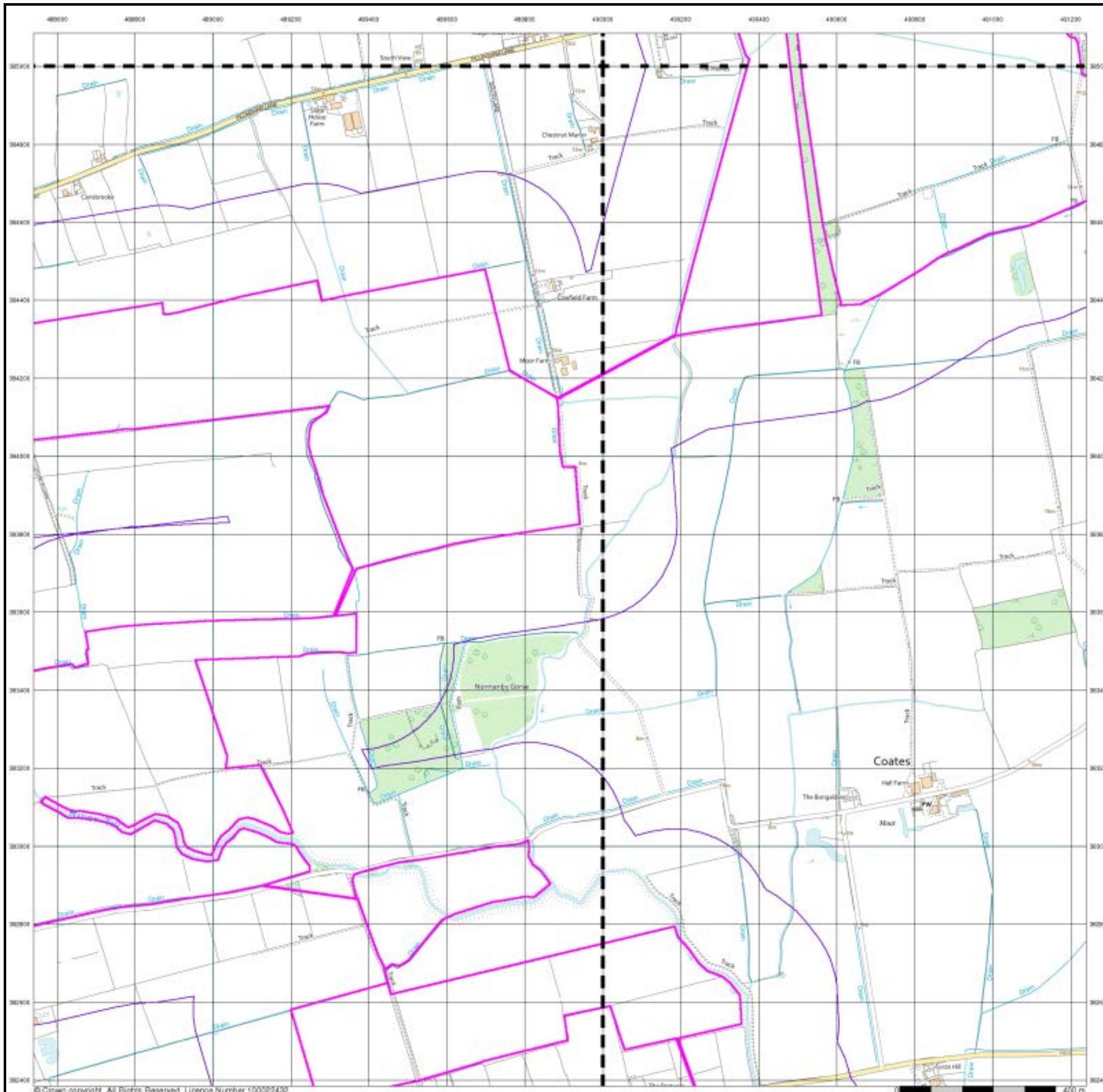


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



# 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

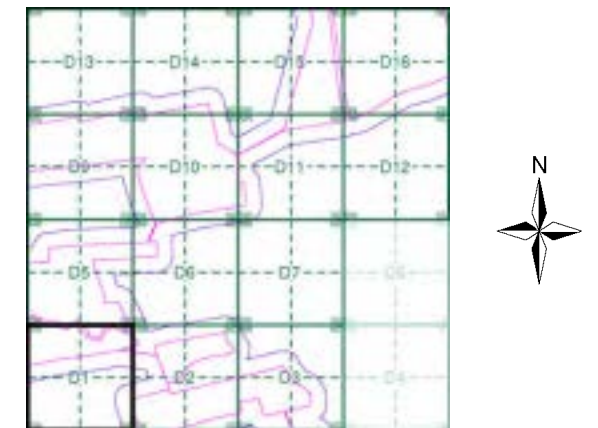
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment D1



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

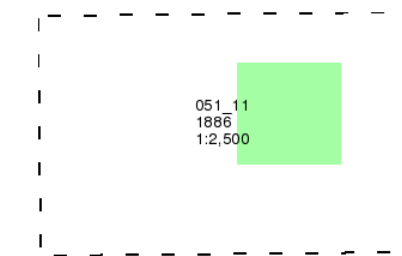
**Lincolnshire**

**Published 1886**

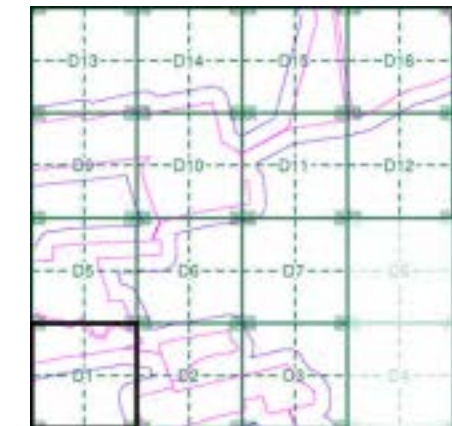
**Source map scale - 1:2,500**

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 D1**

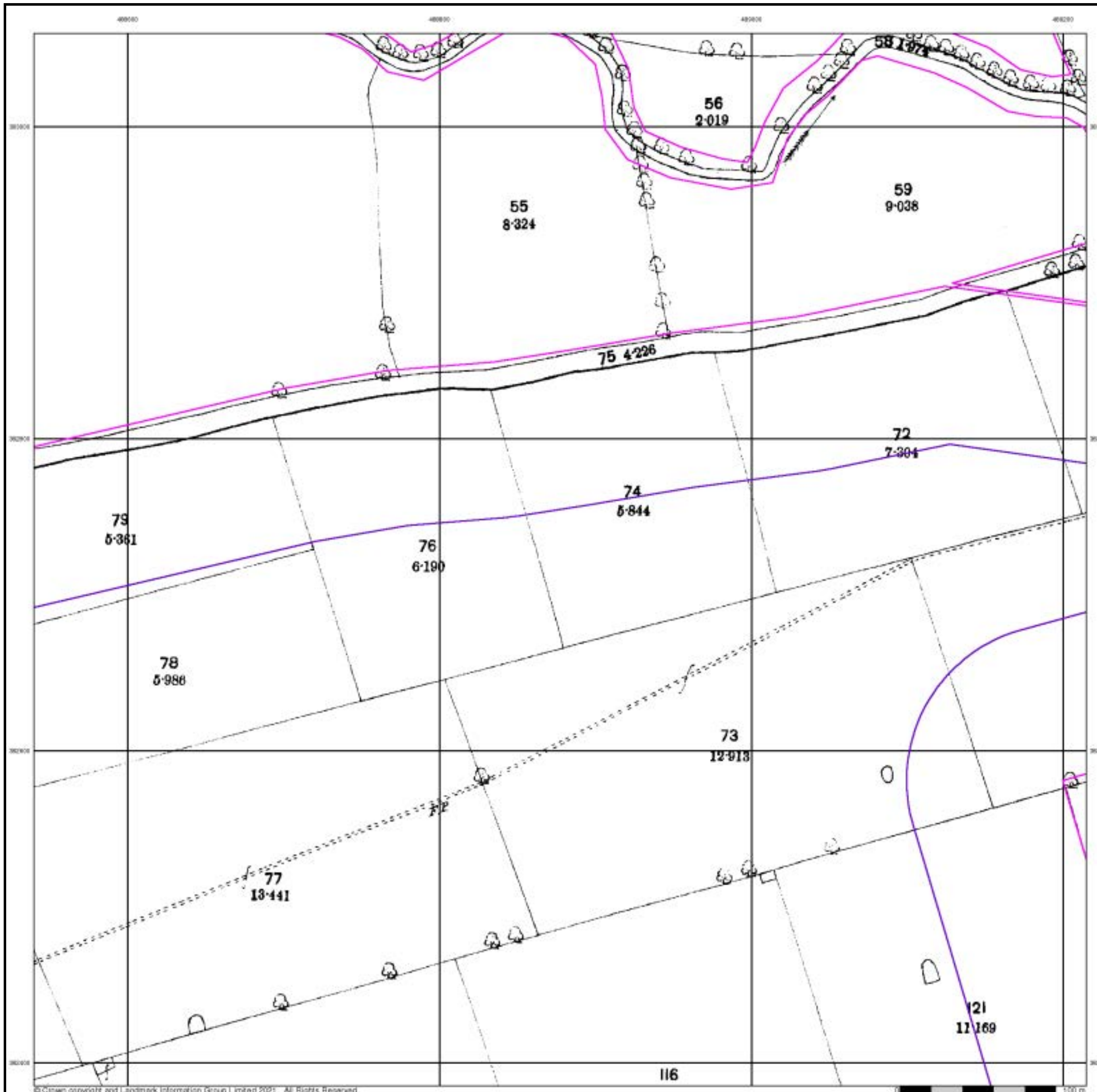


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1

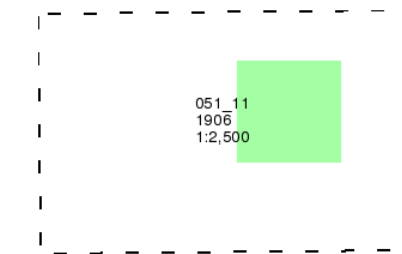


**Lincolnshire**  
**Published 1906**

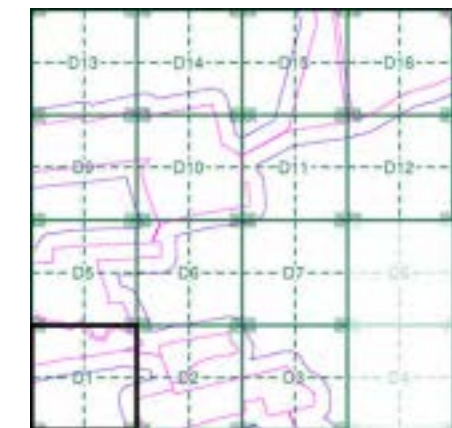
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment D1**

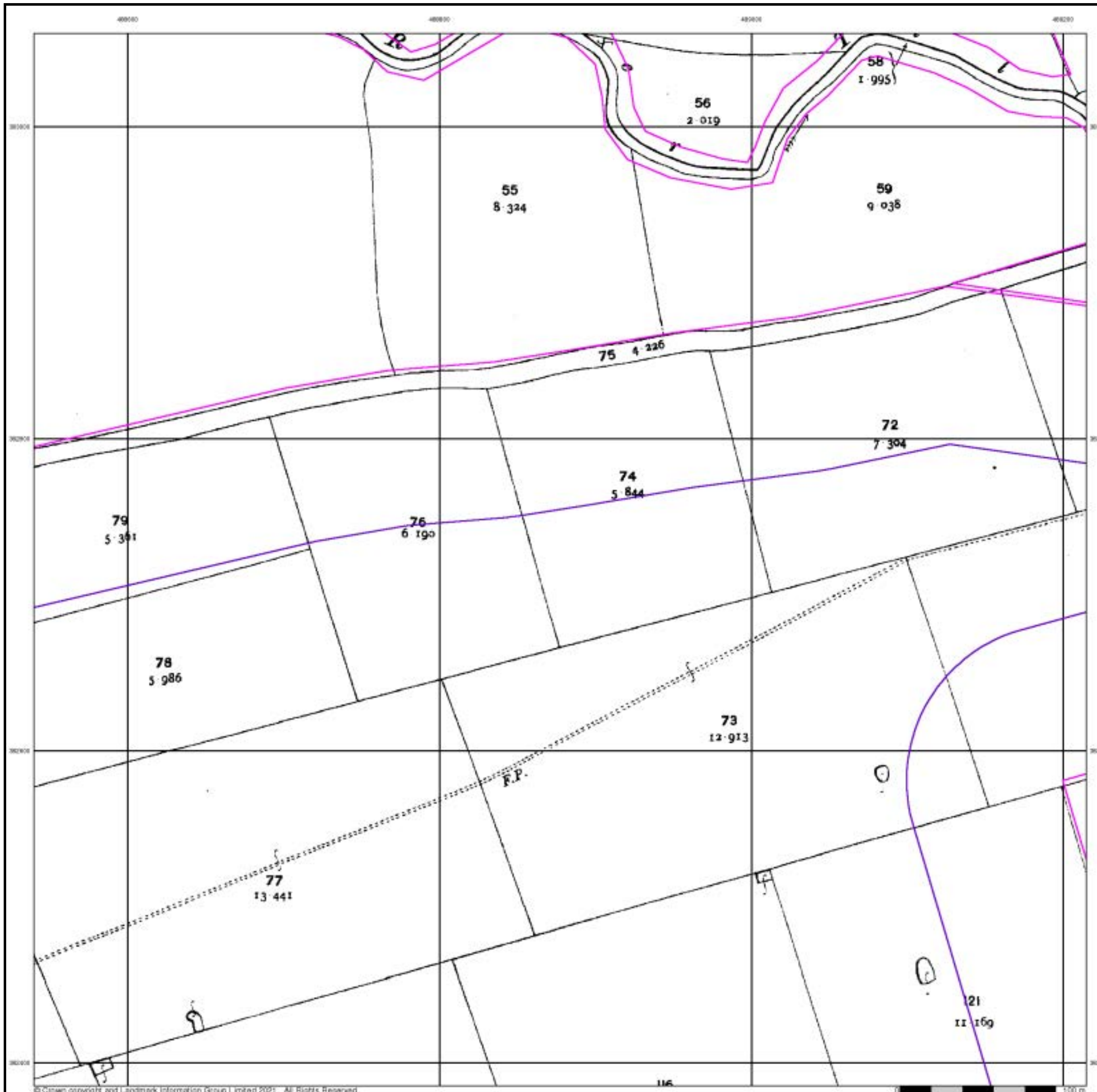


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1





## Ordnance Survey Plan

Published 1975

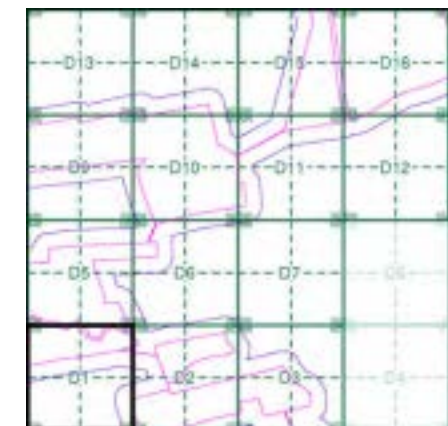
Source map scale - 1:2,500

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)

SK8883 1975 12,500	SK8983 1975 12,500
SK8882 1975 12,500	SK8982 1975 12,500

### Historical Map - Segment D1

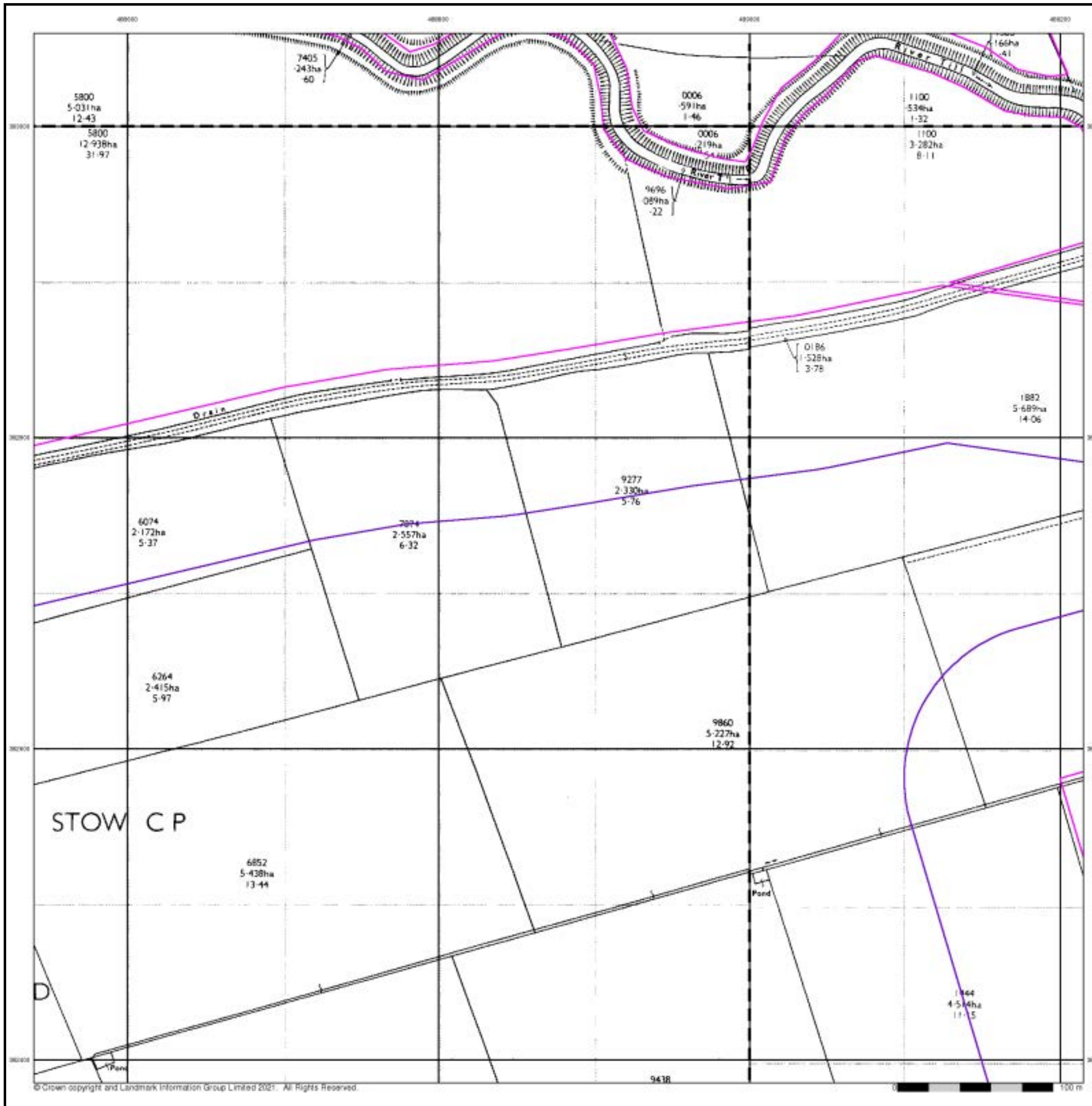


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

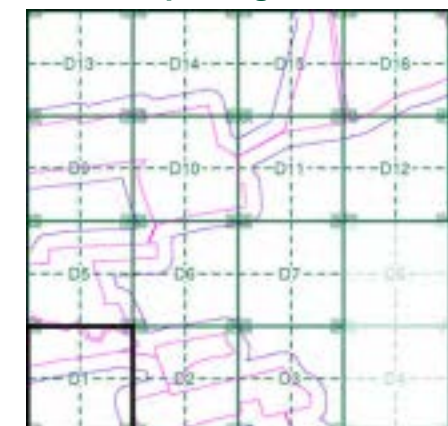
Source map scale - 1:2,500

'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)

SK8883	SK8983
1994	1994
1:2,500	1:2,500
SK8882	SK8982
1994	1994
1:2,500	1:2,500

### Historical Map - Segment D1

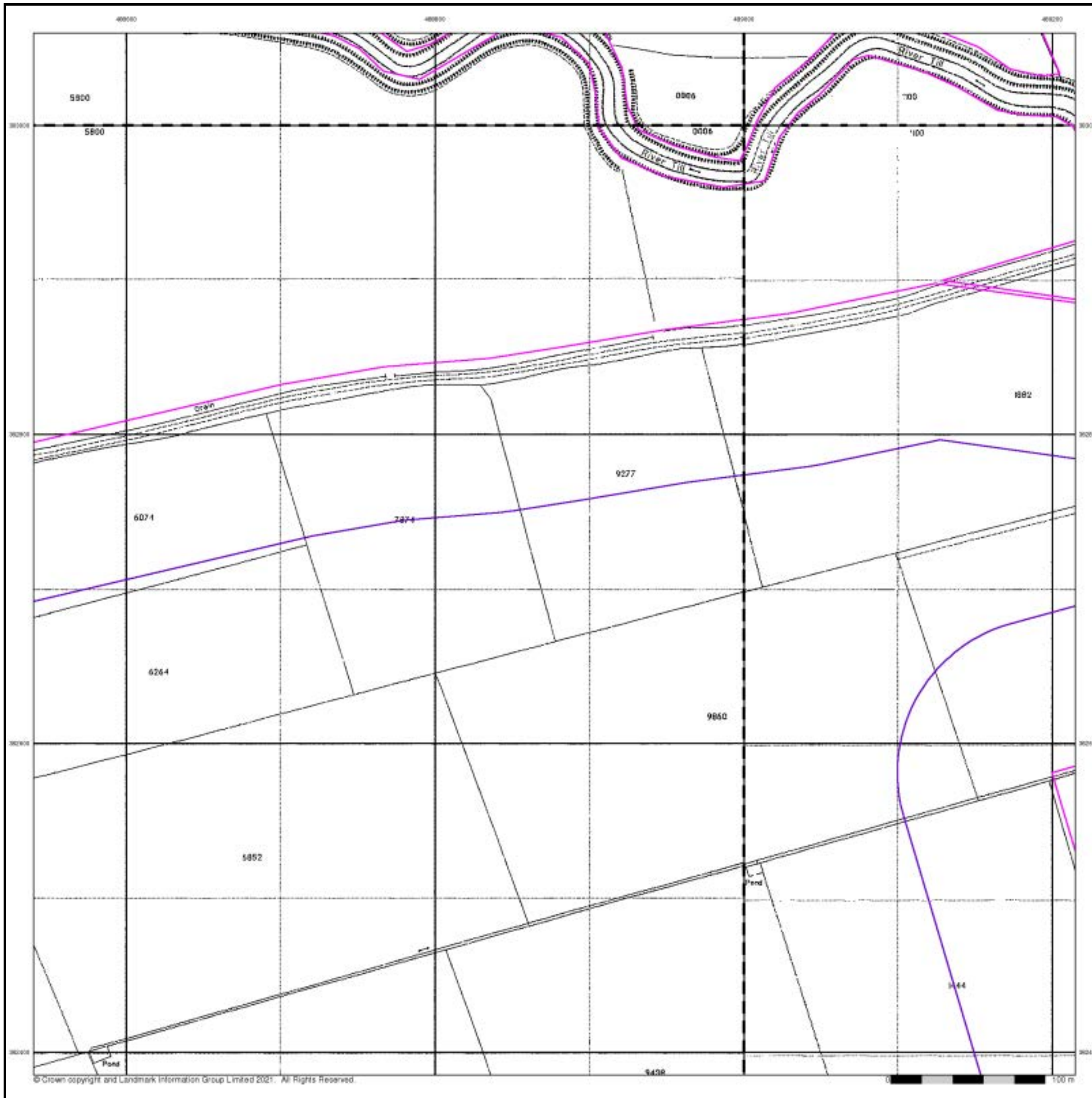


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

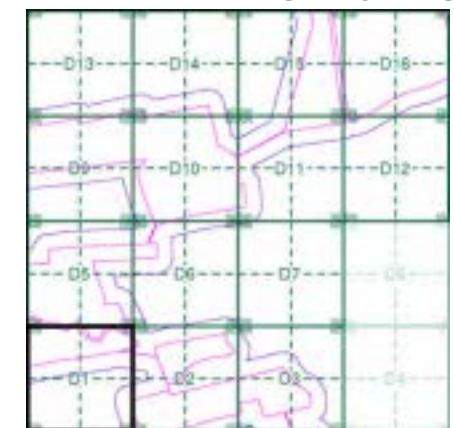


## Historical Aerial Photography

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 D1

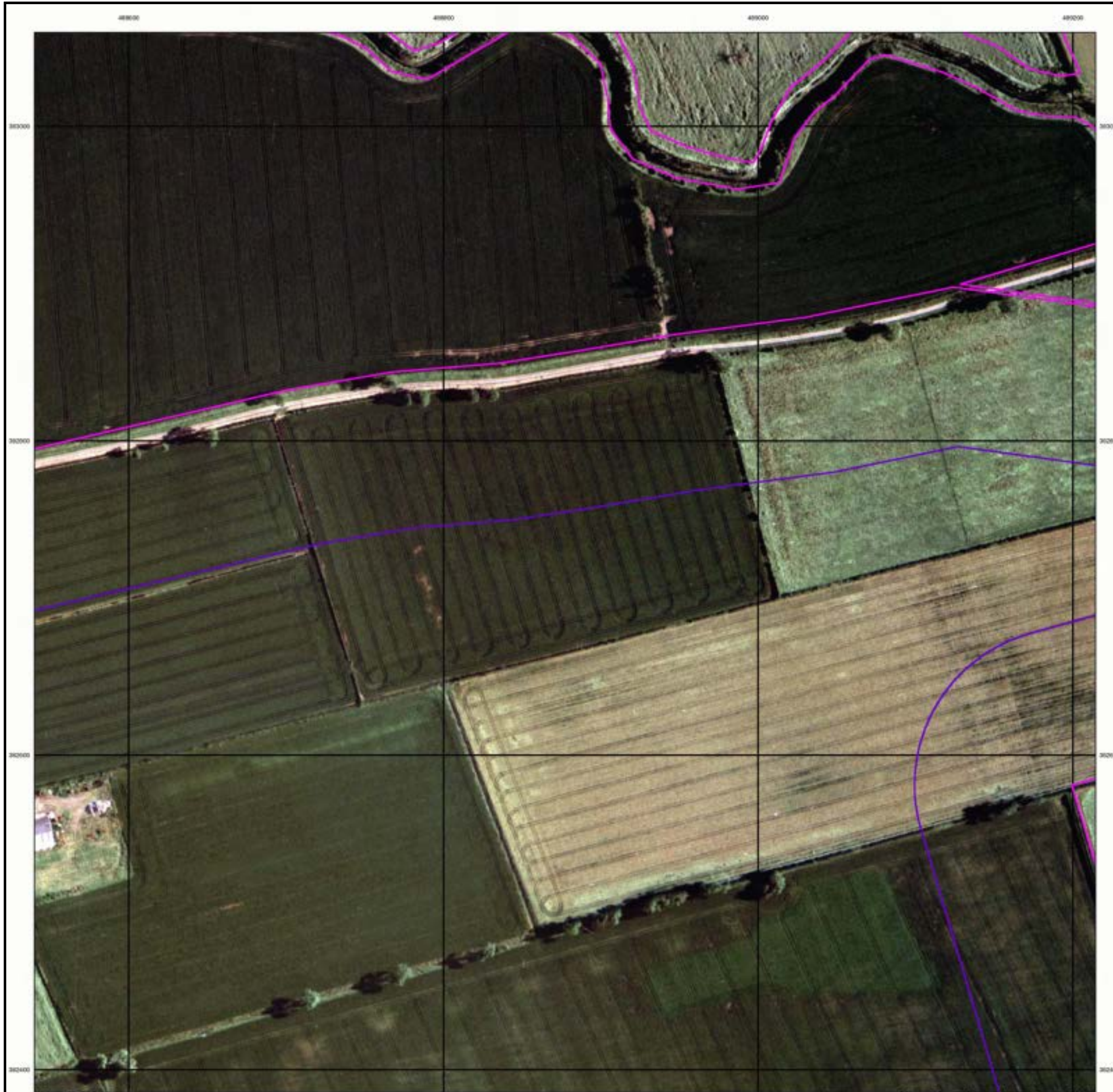


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# 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

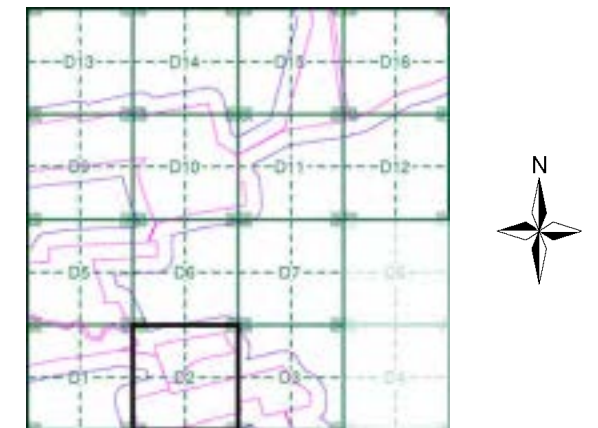
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment D2



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

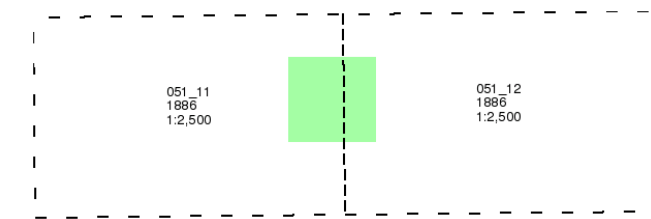
**Lincolnshire**

**Published 1886**

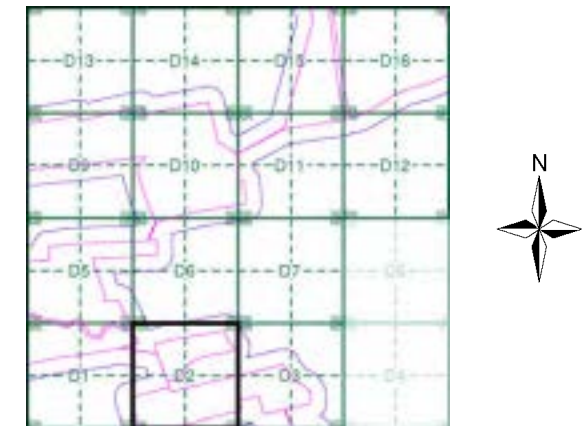
**Source map scale - 1:2,500**

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 D2**

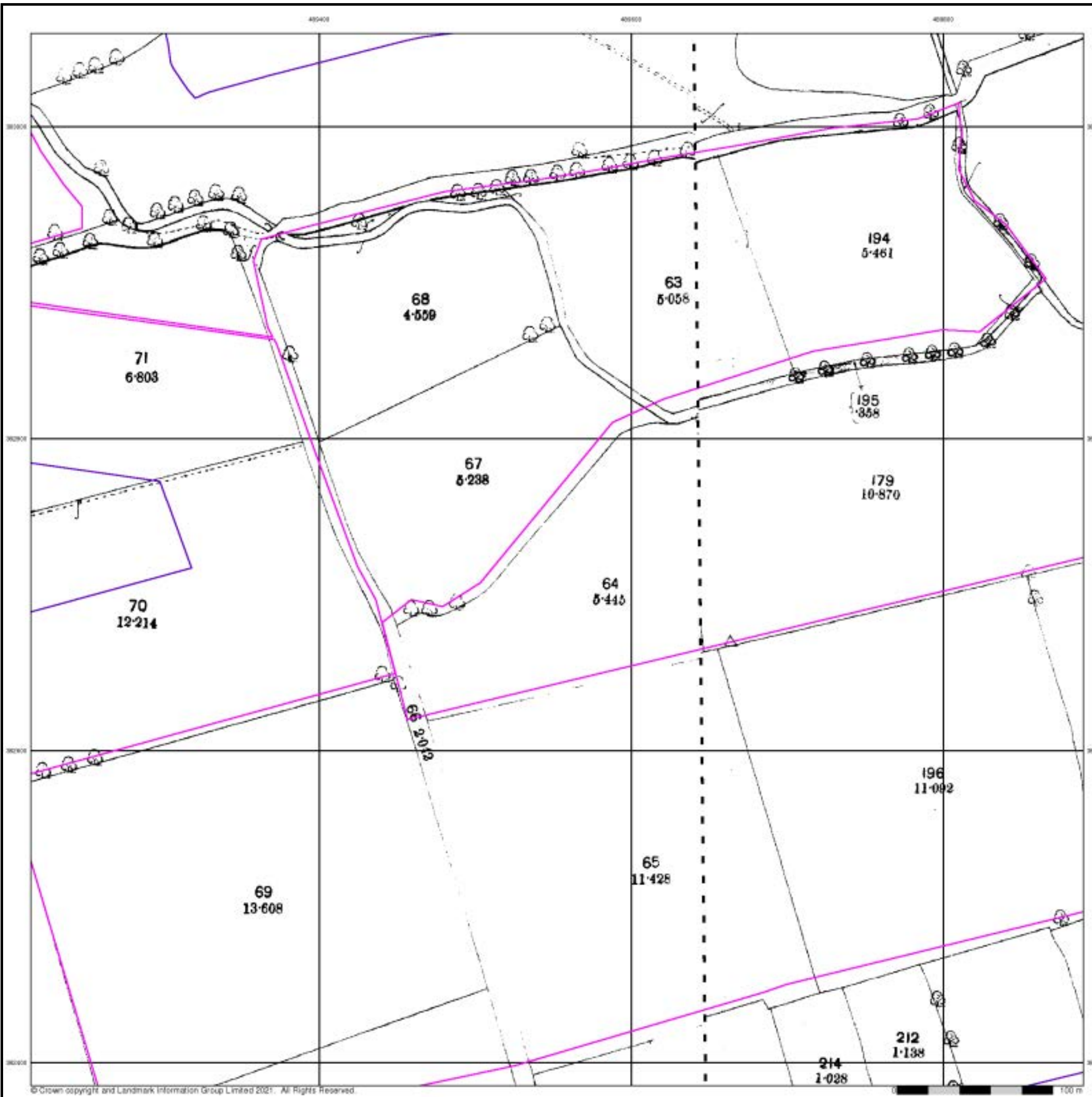


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



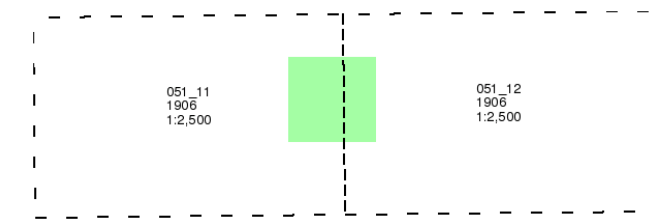
**Lincolnshire**

**Published 1906**

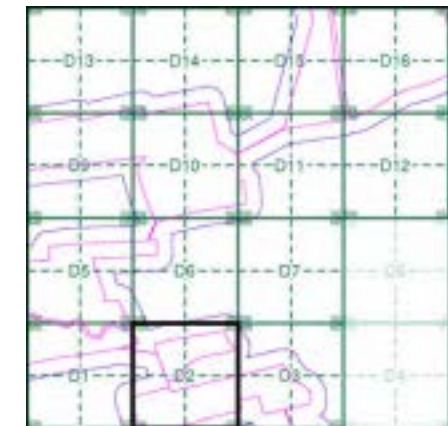
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment D2**



**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Ordnance Survey Plan

Published 1975

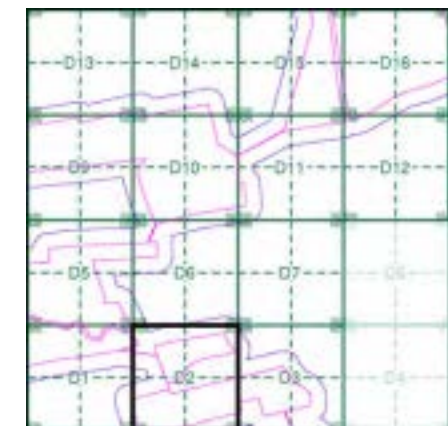
Source map scale - 1:2,500

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)

SK8983	1975	1:2,500
SK8982	1975	1:2,500

### Historical Map - Segment D2

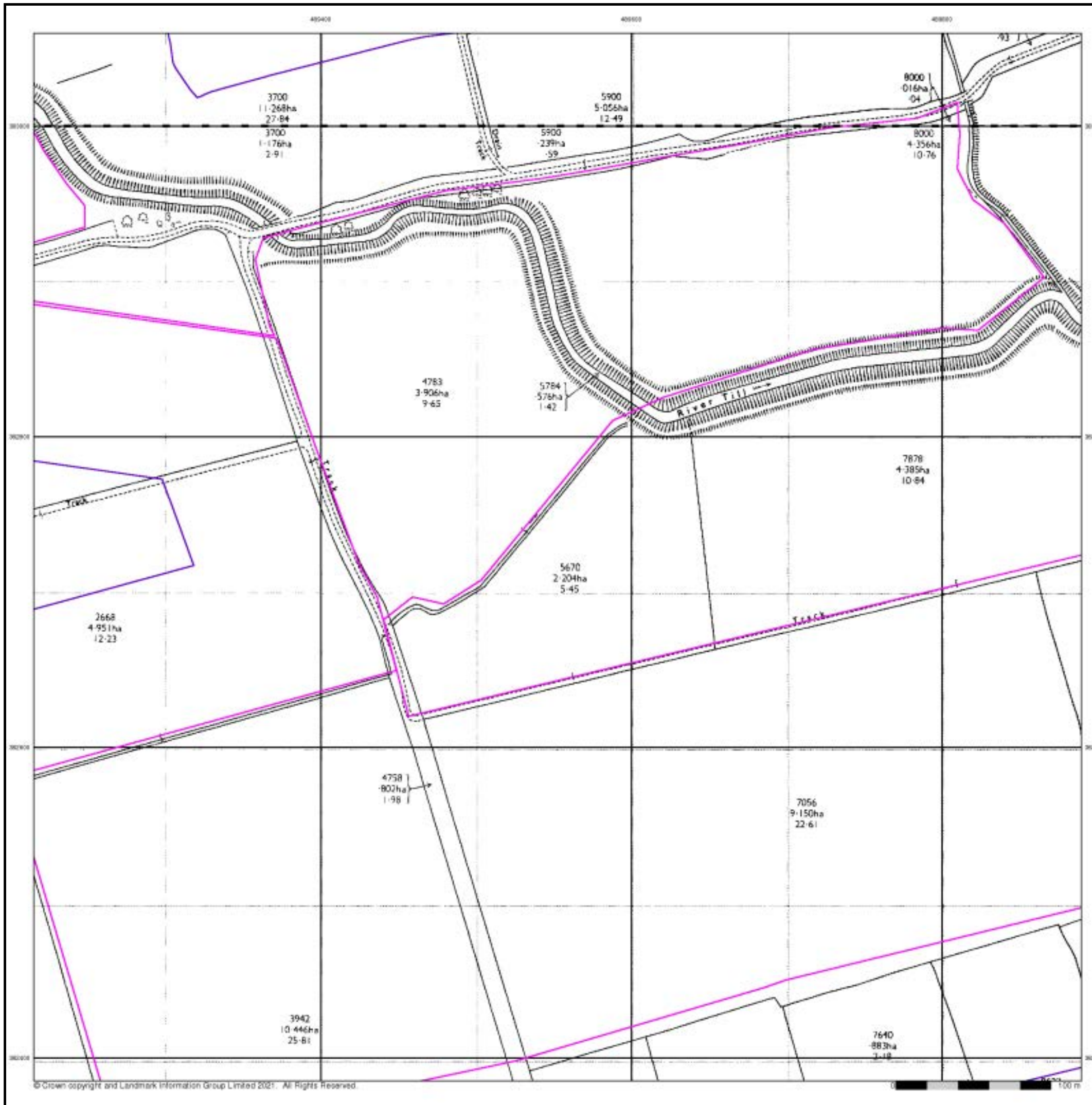


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

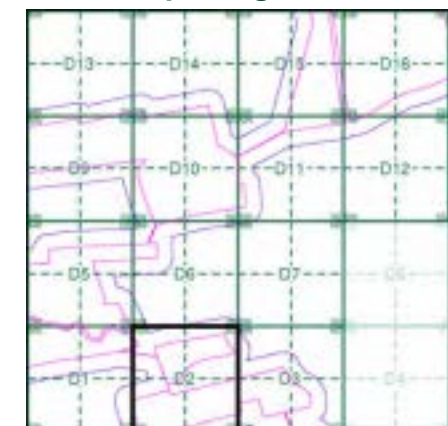
Source map scale - 1:2,500

'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)

SK8983	1994	1:2,500
SK8982	1994	1:2,500

### Historical Map - Segment D2

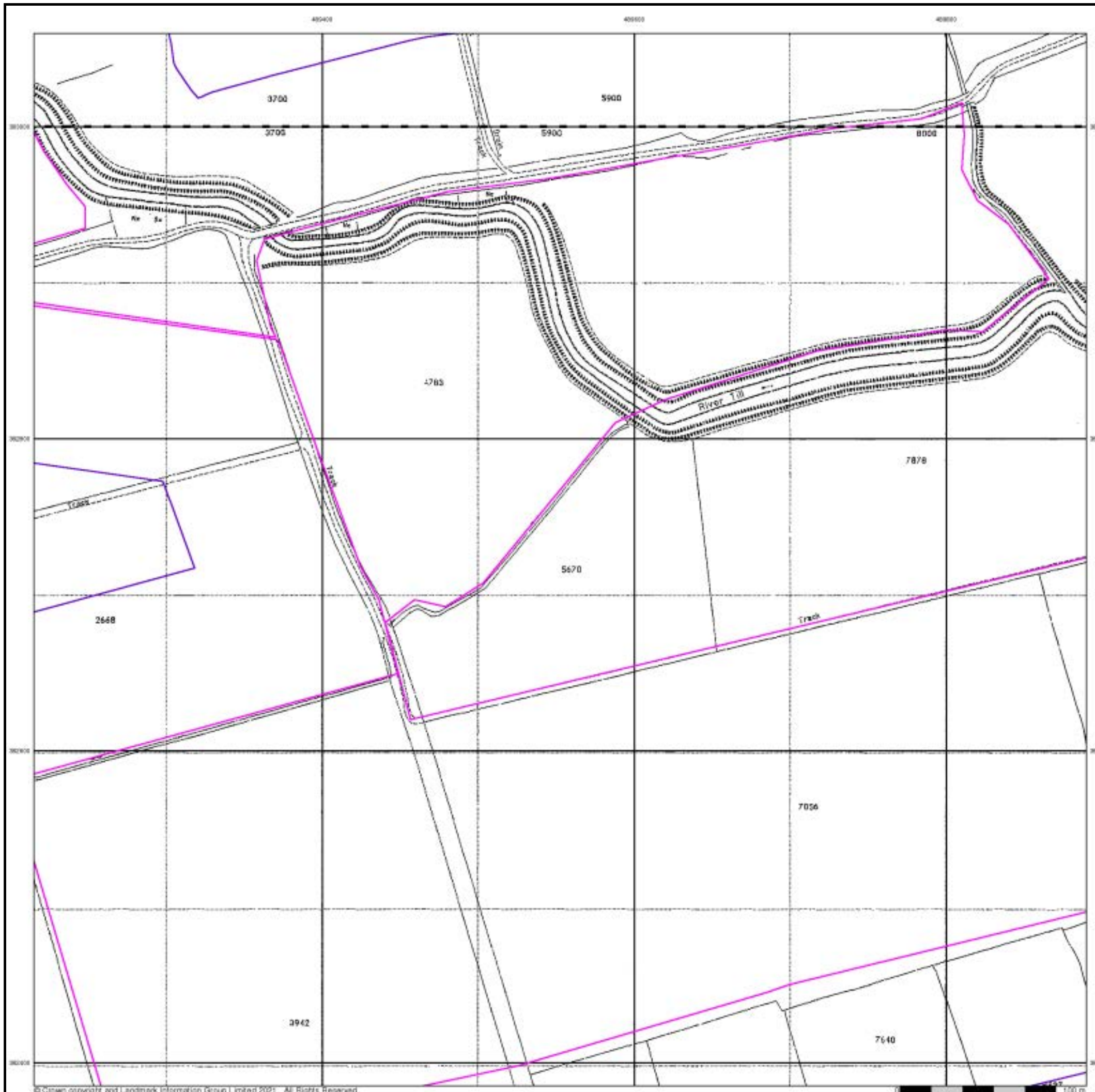


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



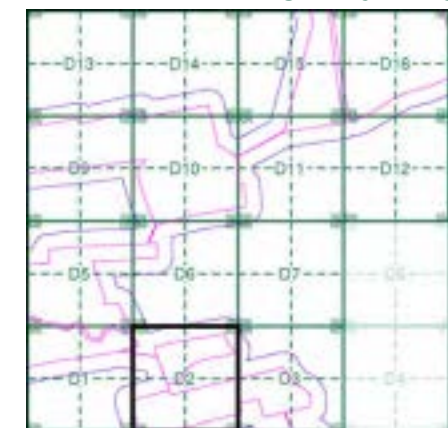


## Historical Aerial Photography

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 D2



#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

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

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

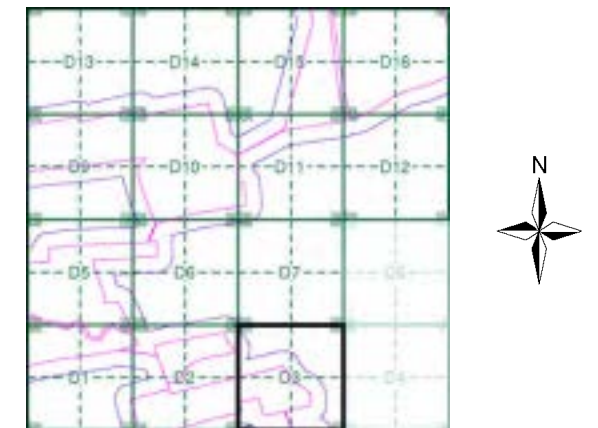
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974 - 1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment D3



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

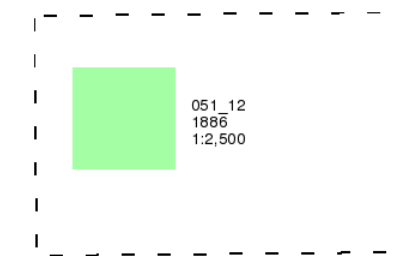
Lincolnshire

Published 1886

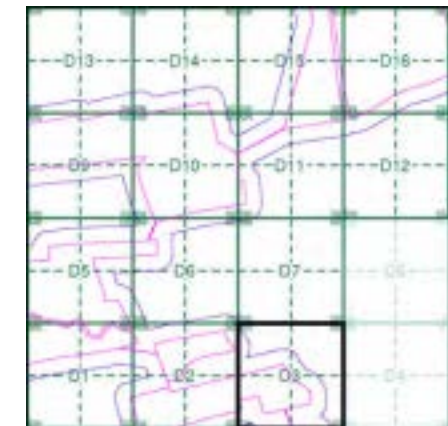
Source map scale - 1:2,500

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 D3

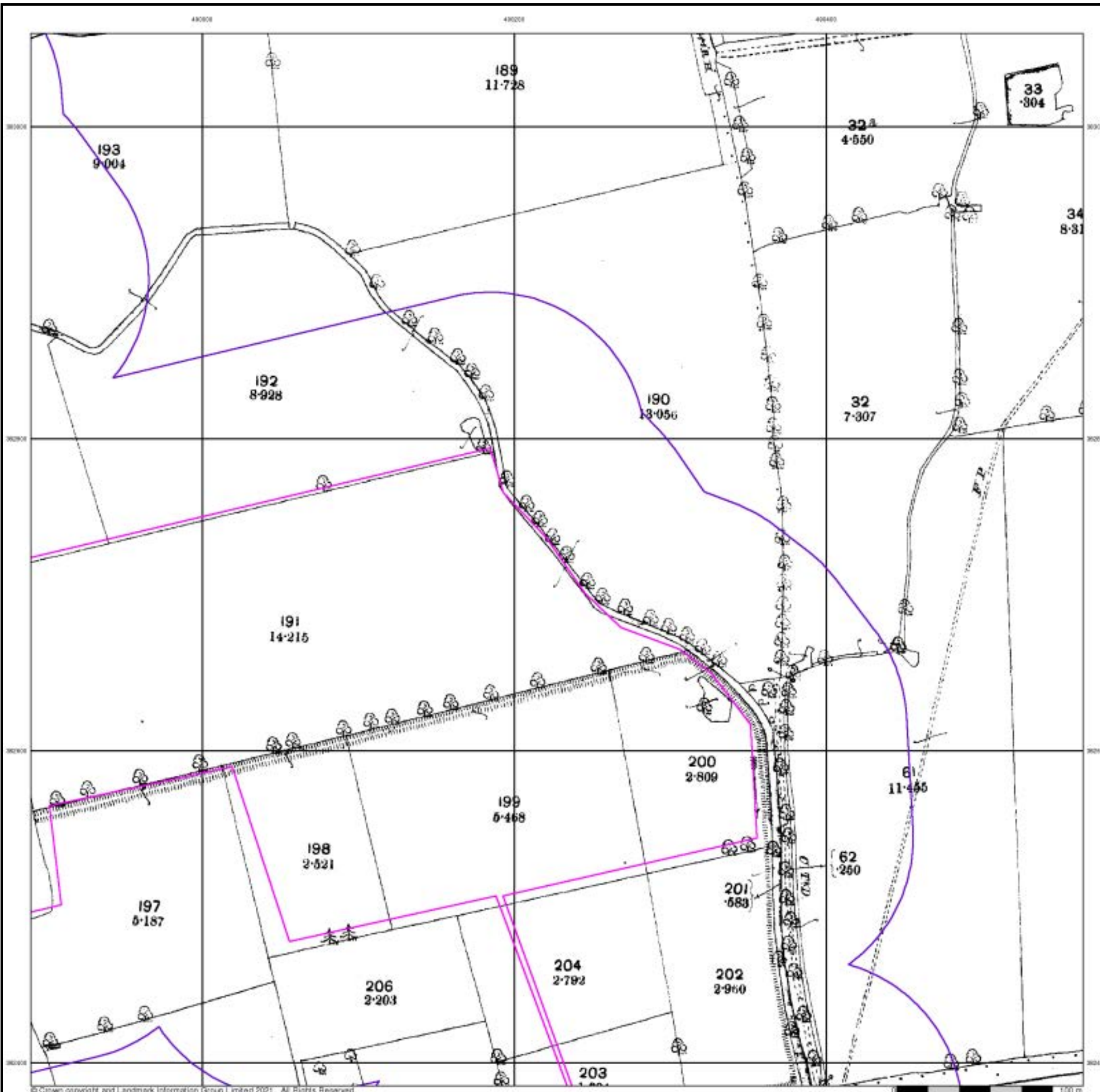


Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

Site Details

Cottam 1



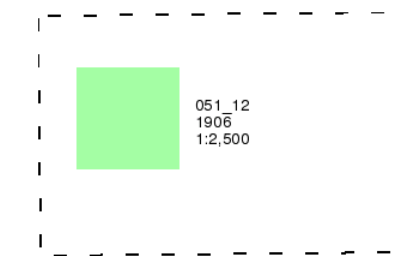
Lincolnshire

Published 1906

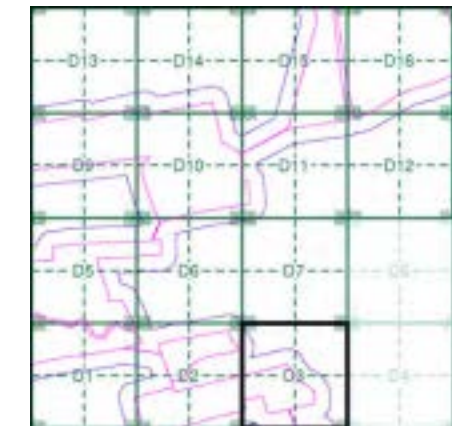
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D3

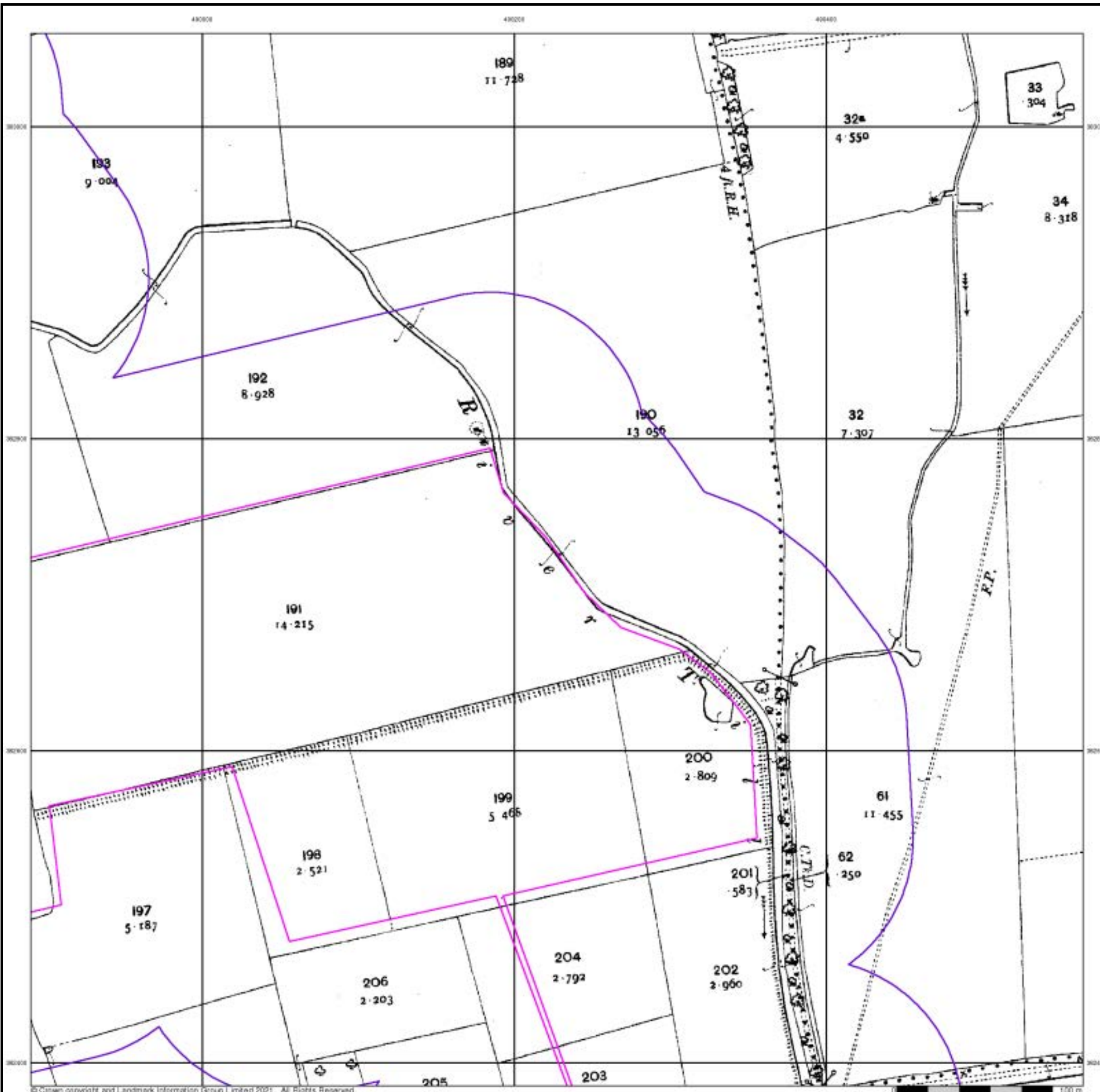


Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

Site Details

Cottam 1



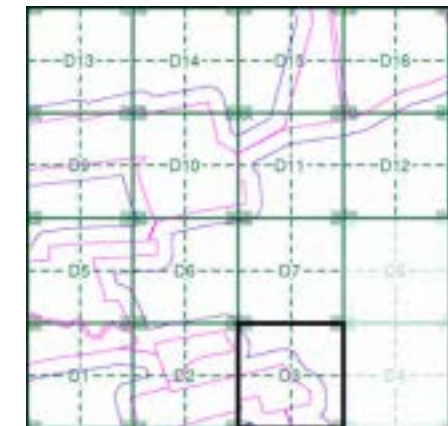
**Ordnance Survey Plan**  
**Published 1974 - 1975**  
**Source map scale - 1:2,500**

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)**

SK8983 1975 1:2,500	SK9083 1974 1:2,500
SK8982 1975 1:2,500	SK9082 1974 1:2,500

**Historical Map - Segment D3**

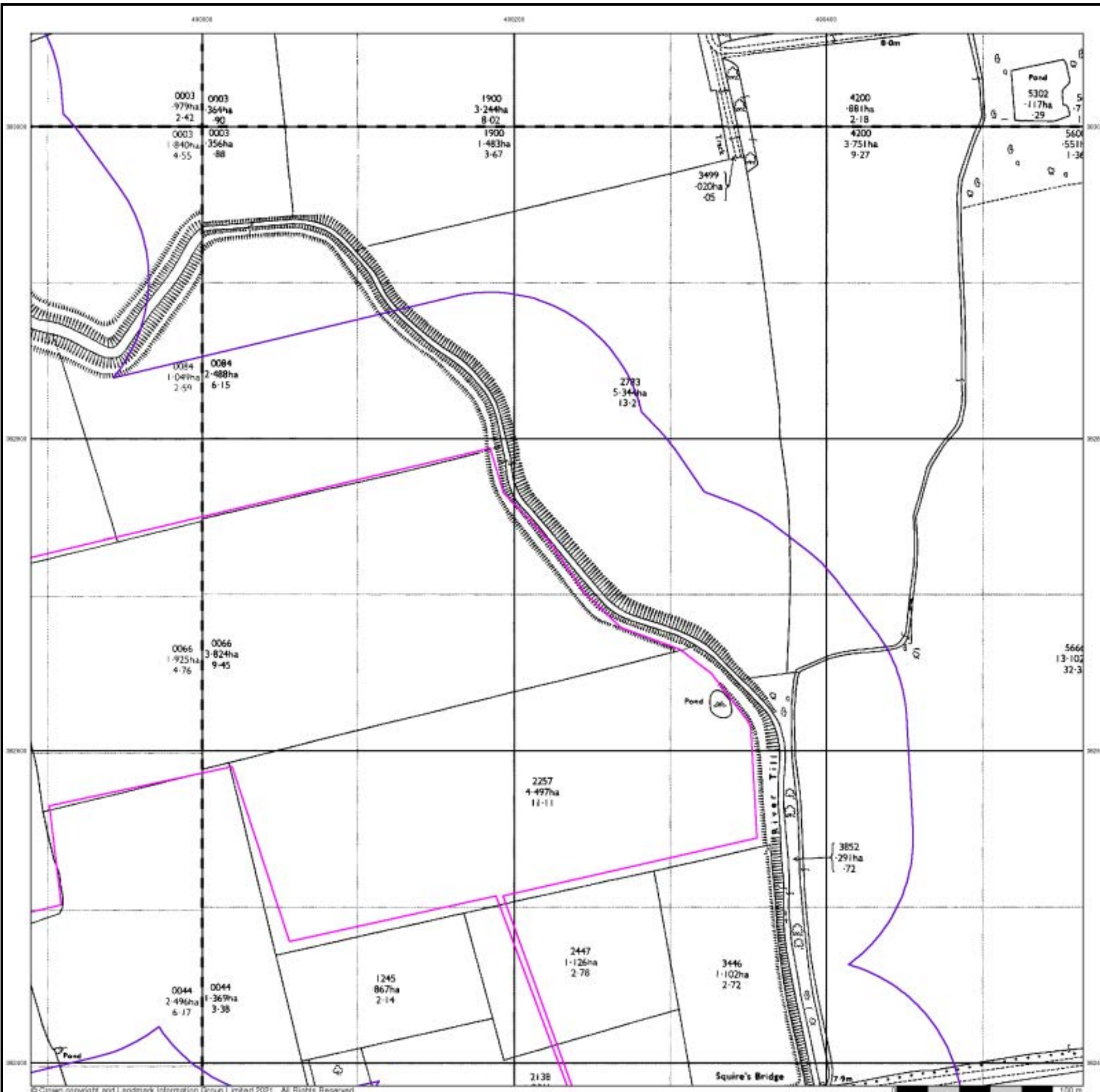


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Large-Scale National Grid Data

Published 1994

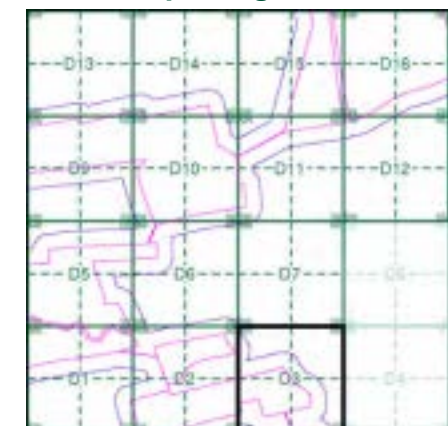
Source map scale - 1:2,500

'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)

SK8983 1994 1:2,500	SK9083 1994 1:2,500
SK8982 1994 1:2,500	SK9082 1994 1:2,500

### Historical Map - Segment D3

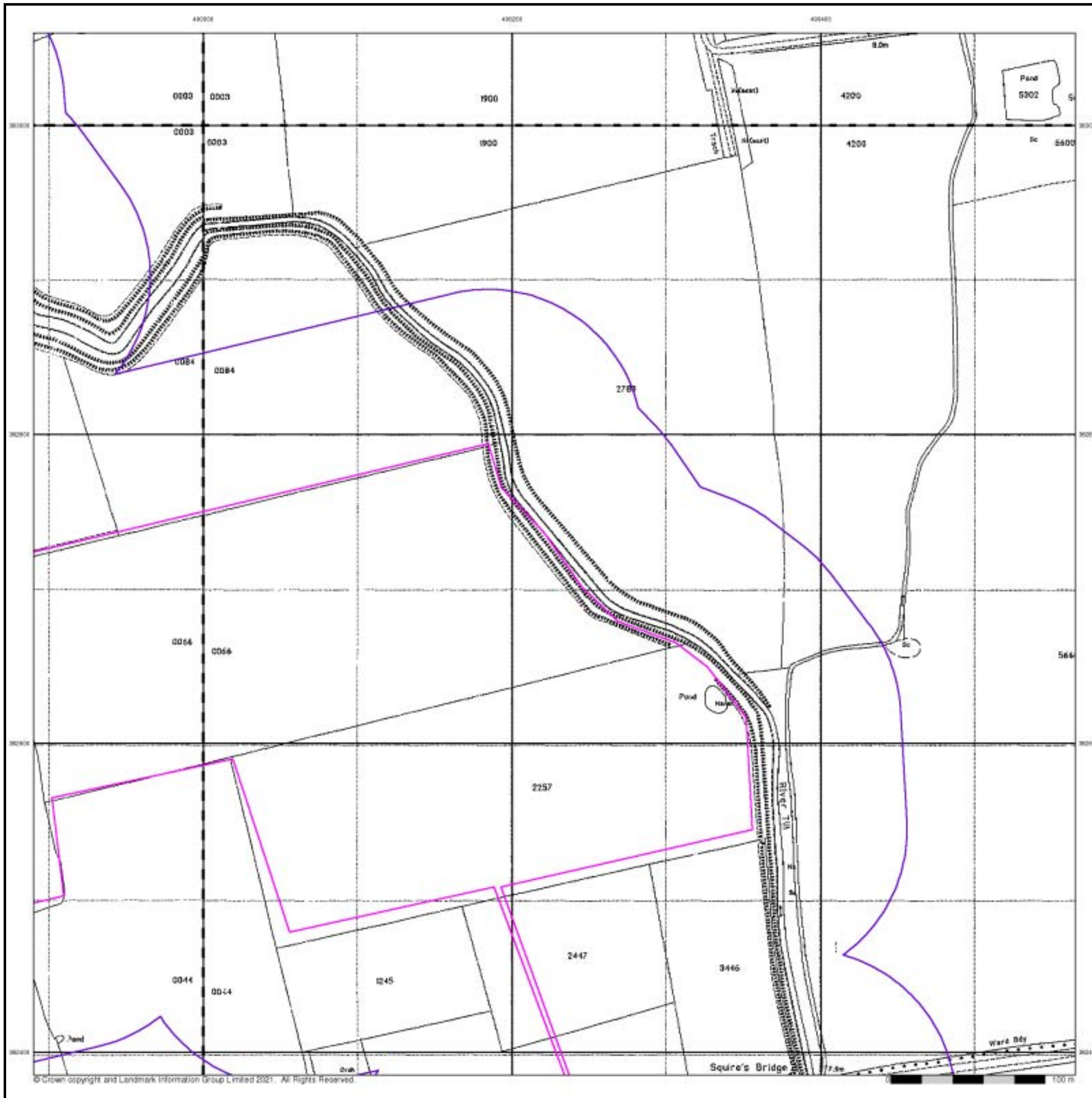


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

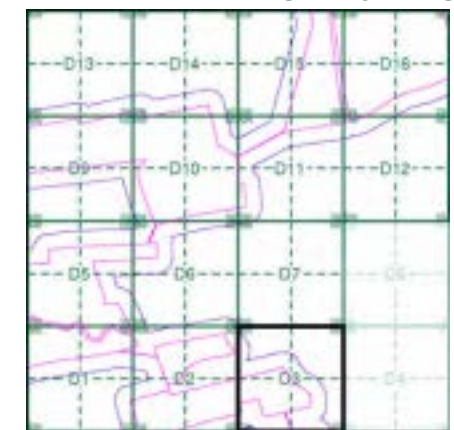
Cottam 1



## 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 D3



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# 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

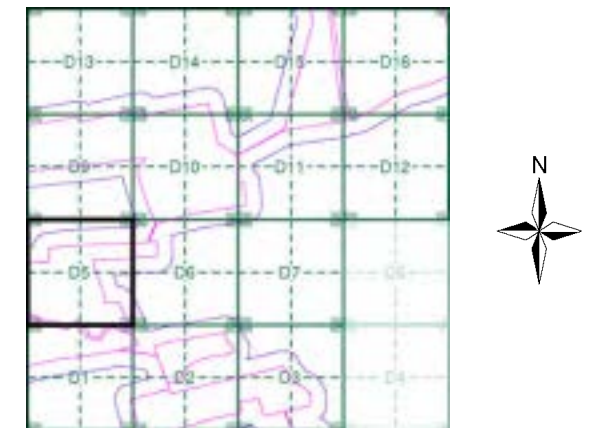
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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**  
**BM 231.60m** Bench Mark   **Buildings with Building Seed**  
**Roofed Building**   **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks** Barracks   **P** Pillar, Pole or Post  
**Bty** Battery   **PO** Post Office  
**Cemy** Cemetery   **PC** Public Convenience  
**Chy** Chimney   **Pp** Pump  
**Cis** Cistern   **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway   **PW** Place of Worship  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment D5



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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



**Lincolnshire**  
**Published 1886**

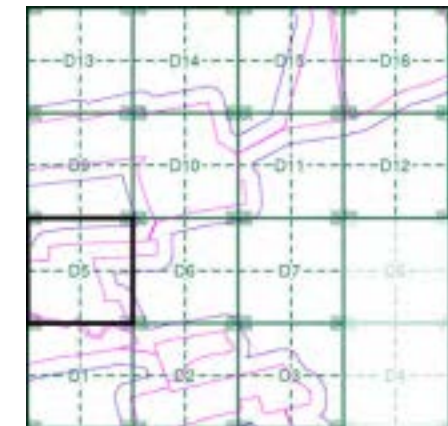
**Source map scale - 1:2,500**

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)**

051_07	1886	1:2,500
051_11	1886	1:2,500

**Historical Map - Segment D5**

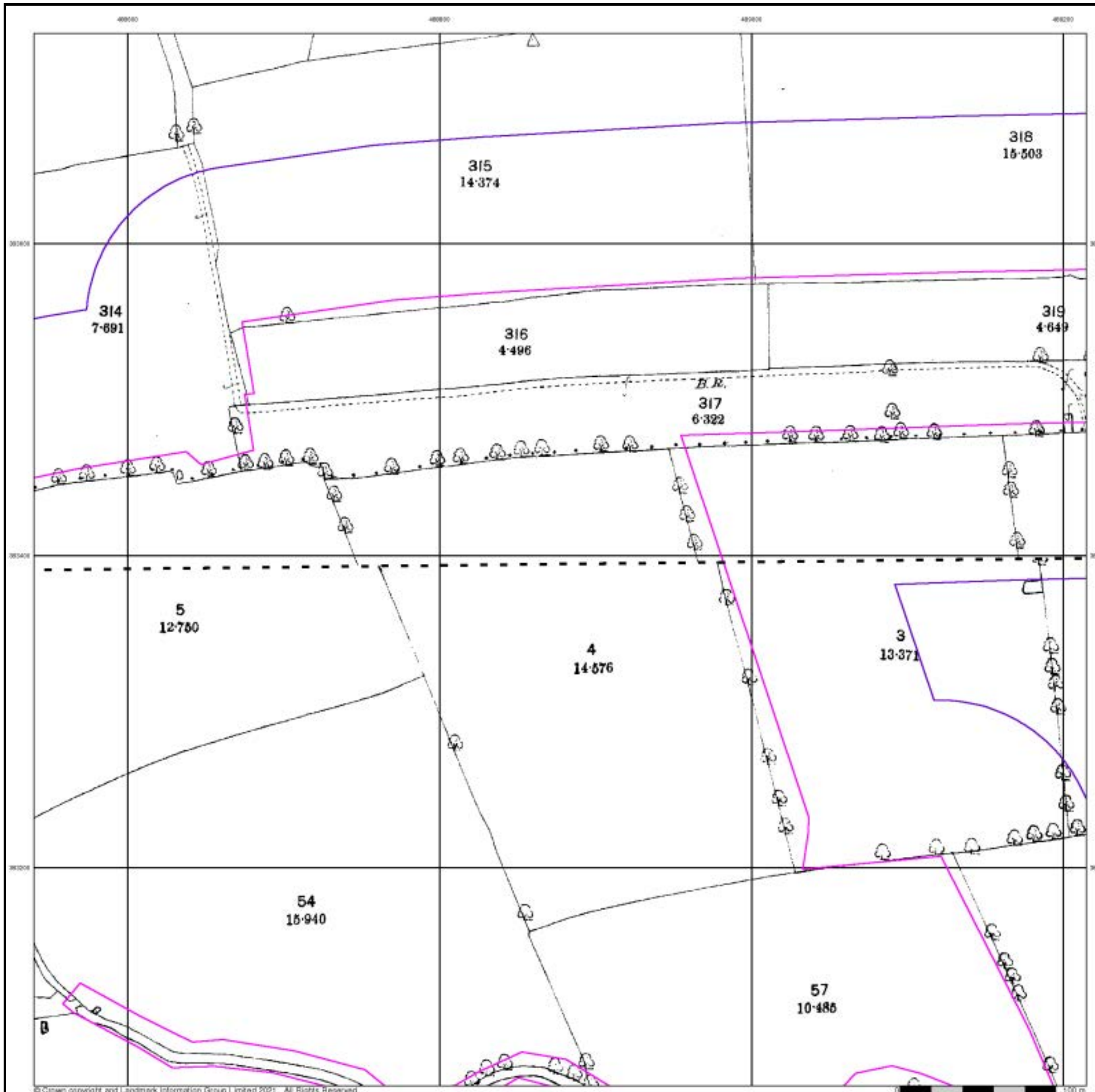


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1

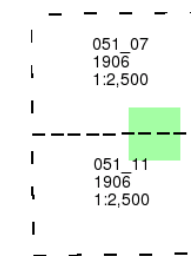


**Lincolnshire**  
**Published 1906**

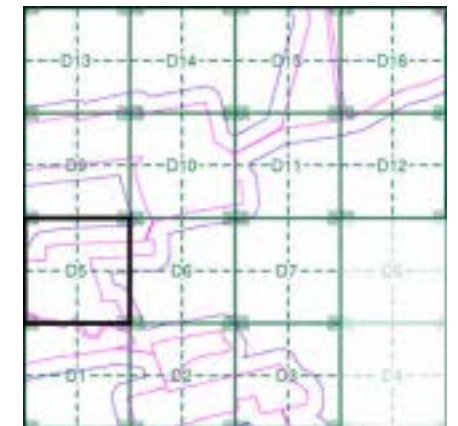
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment D5**

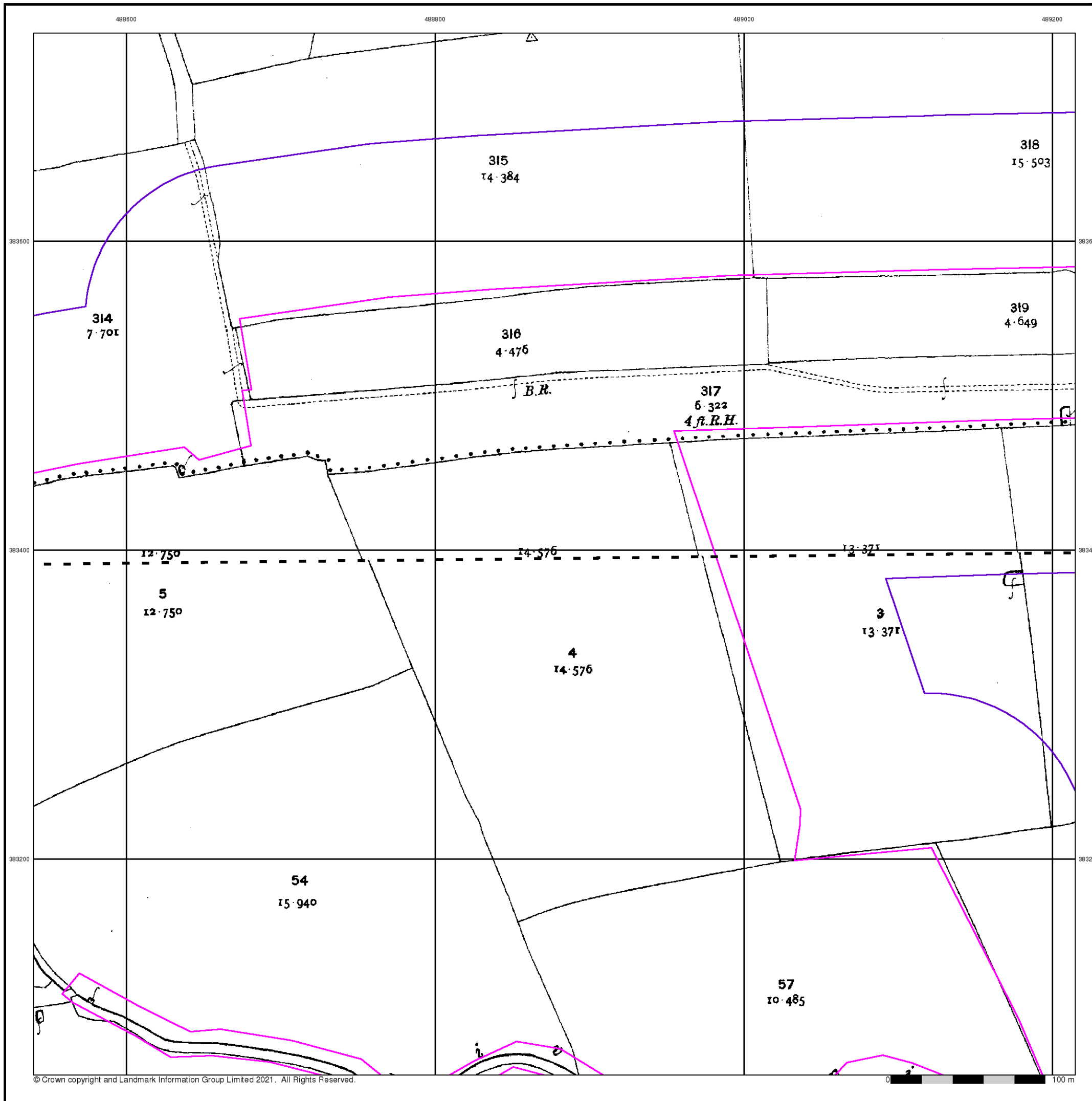


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



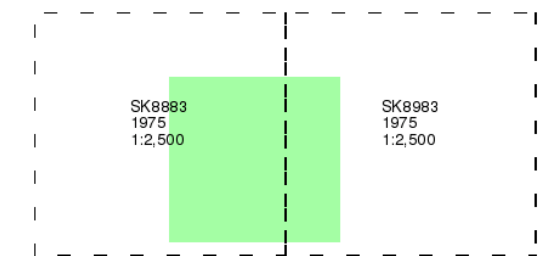
## Ordnance Survey Plan

Published 1975

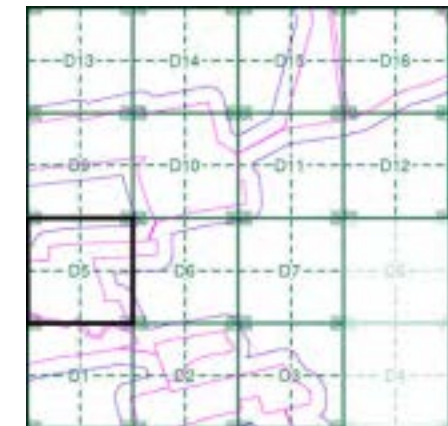
Source map scale - 1:2,500

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 D5

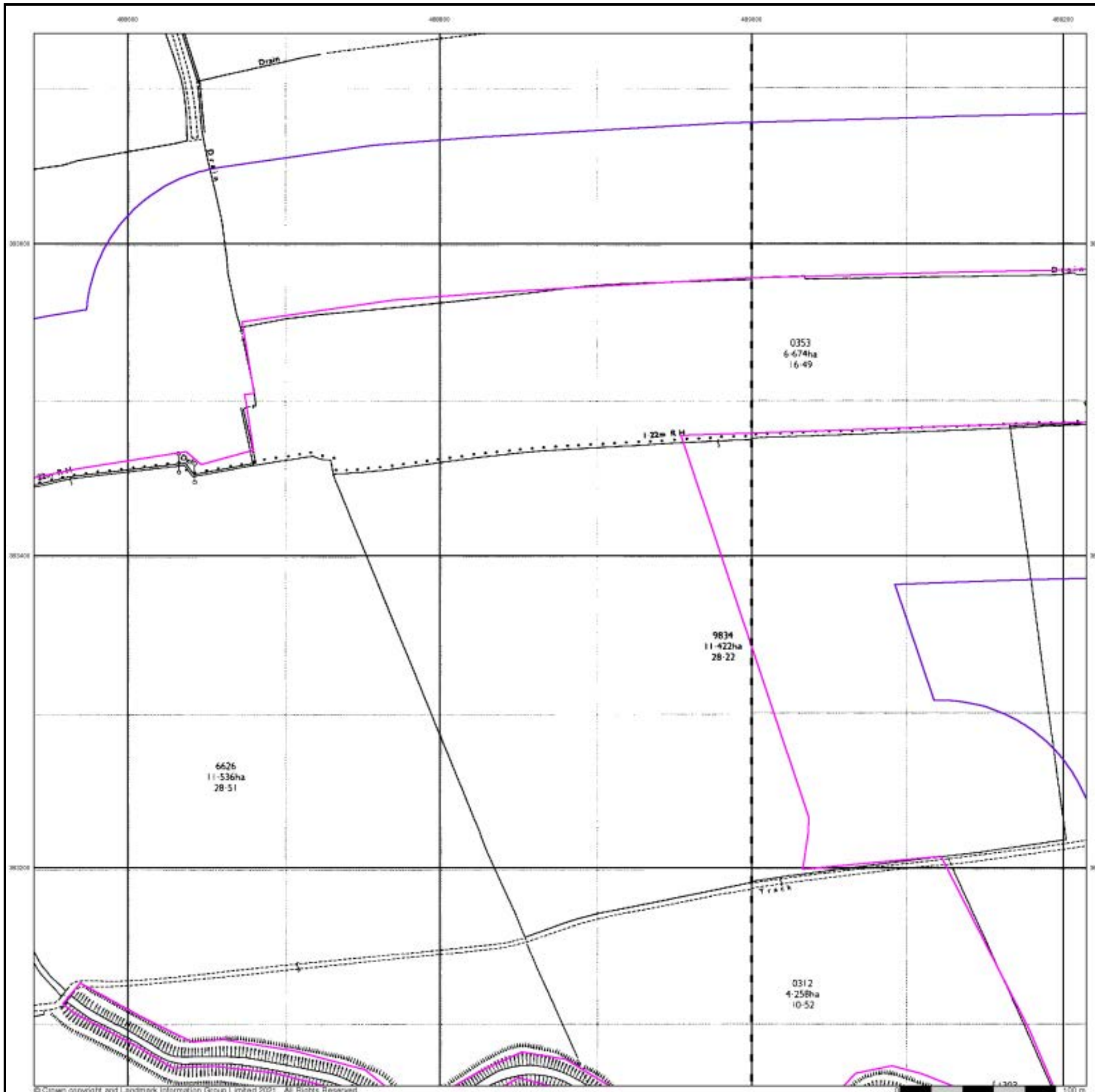


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



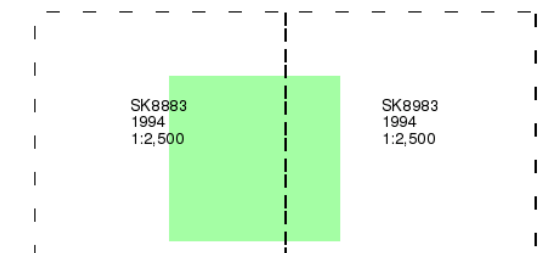
## Large-Scale National Grid Data

Published 1994

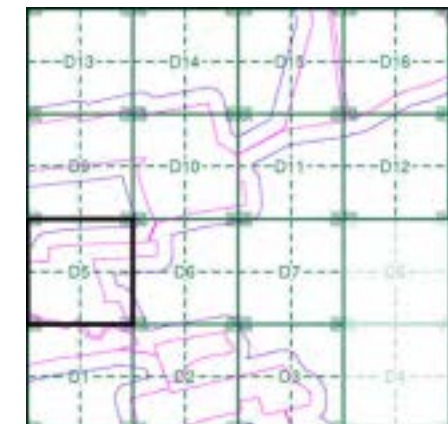
Source map scale - 1:2,500

'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 D5

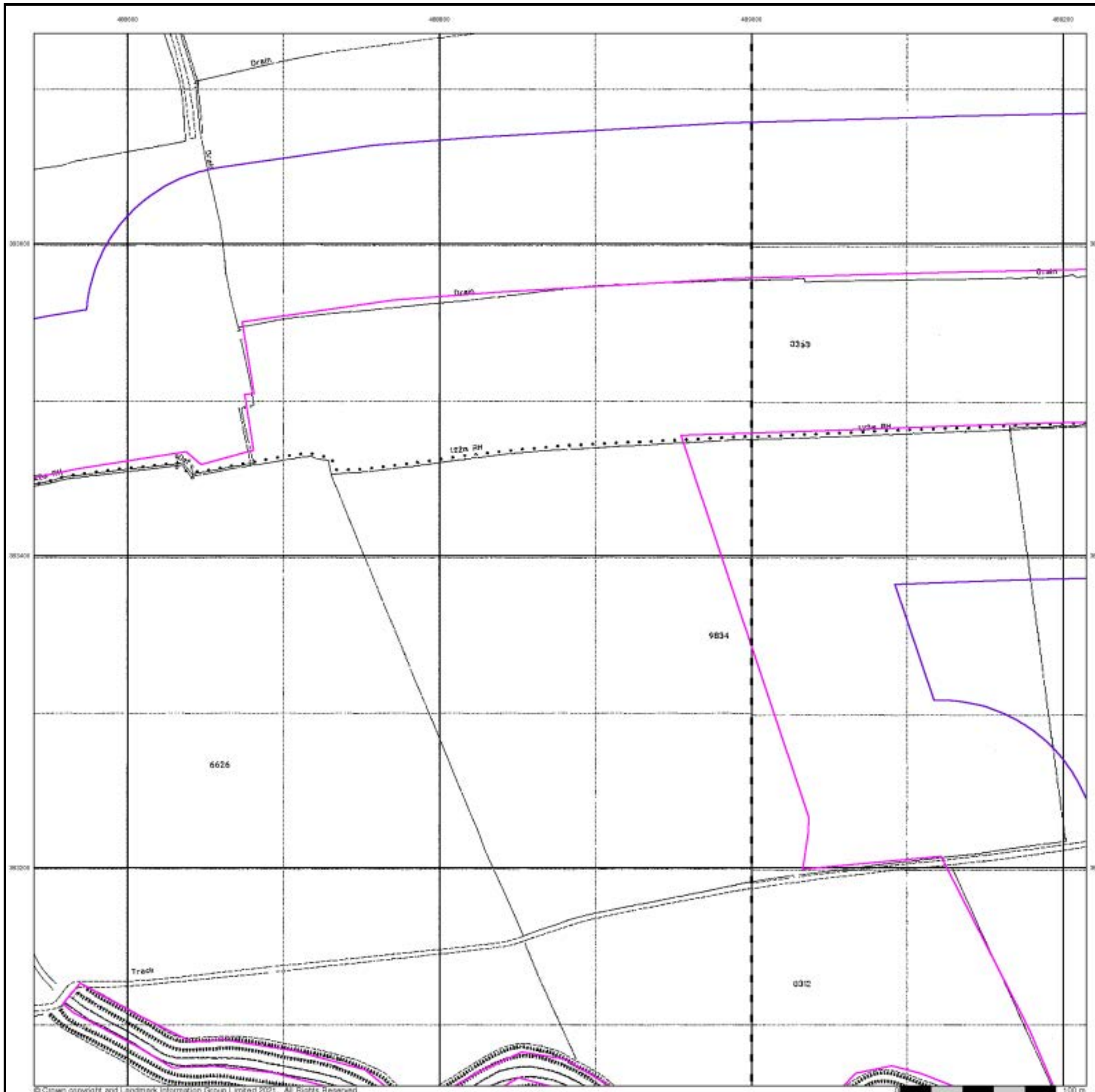


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

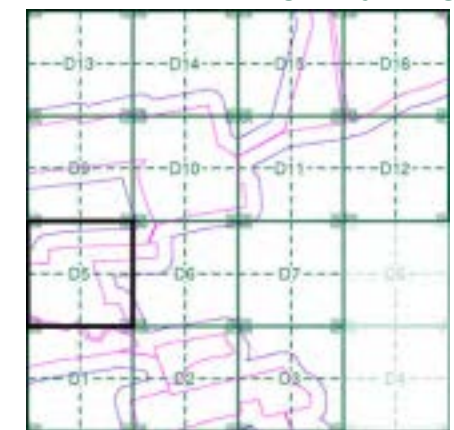


## Historical Aerial Photography

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 D5

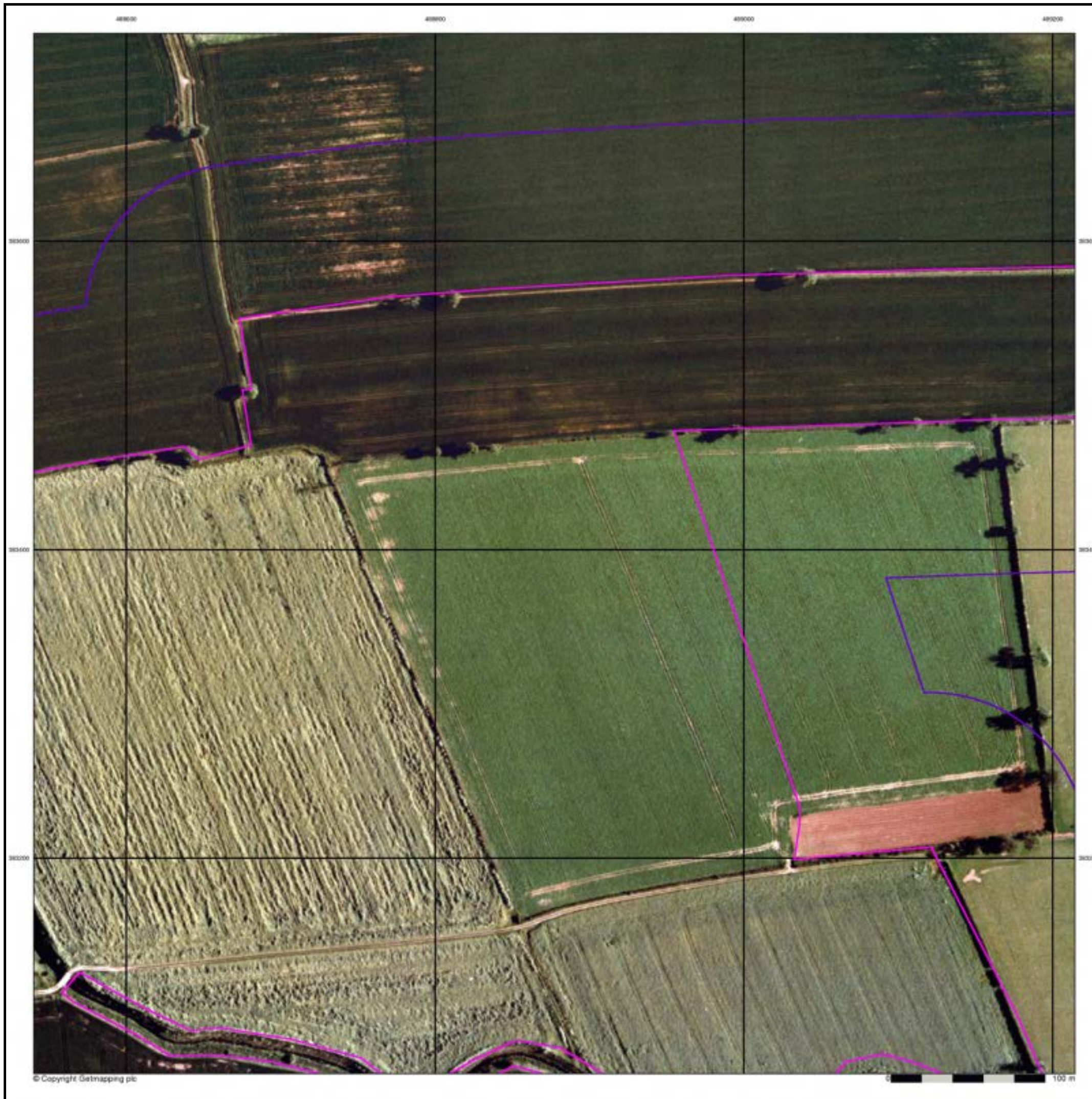


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# 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

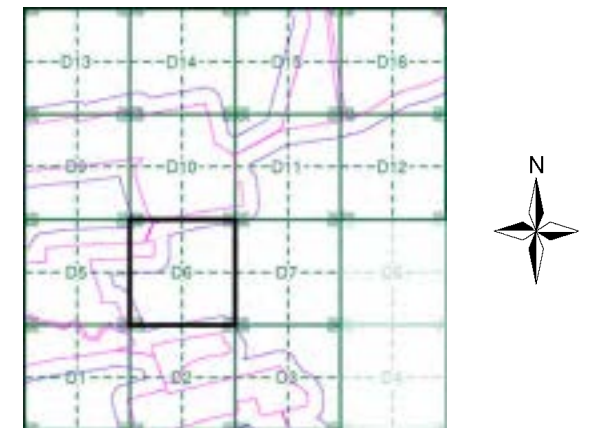
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment D6



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

## Lincolnshire

Published 1886

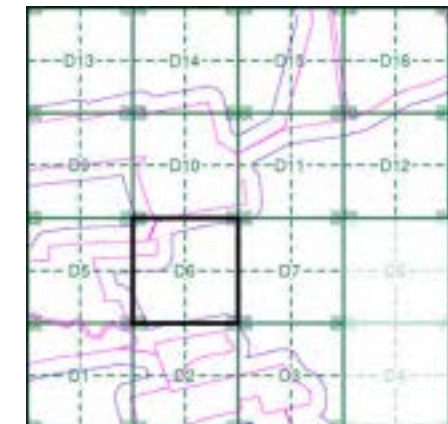
Source map scale - 1:2,500

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)

051_07 1886 1:2,500	051_08 1886 1:2,500
051_11 1886 1:2,500	051_12 1886 1:2,500

### Historical Map - Segment D6

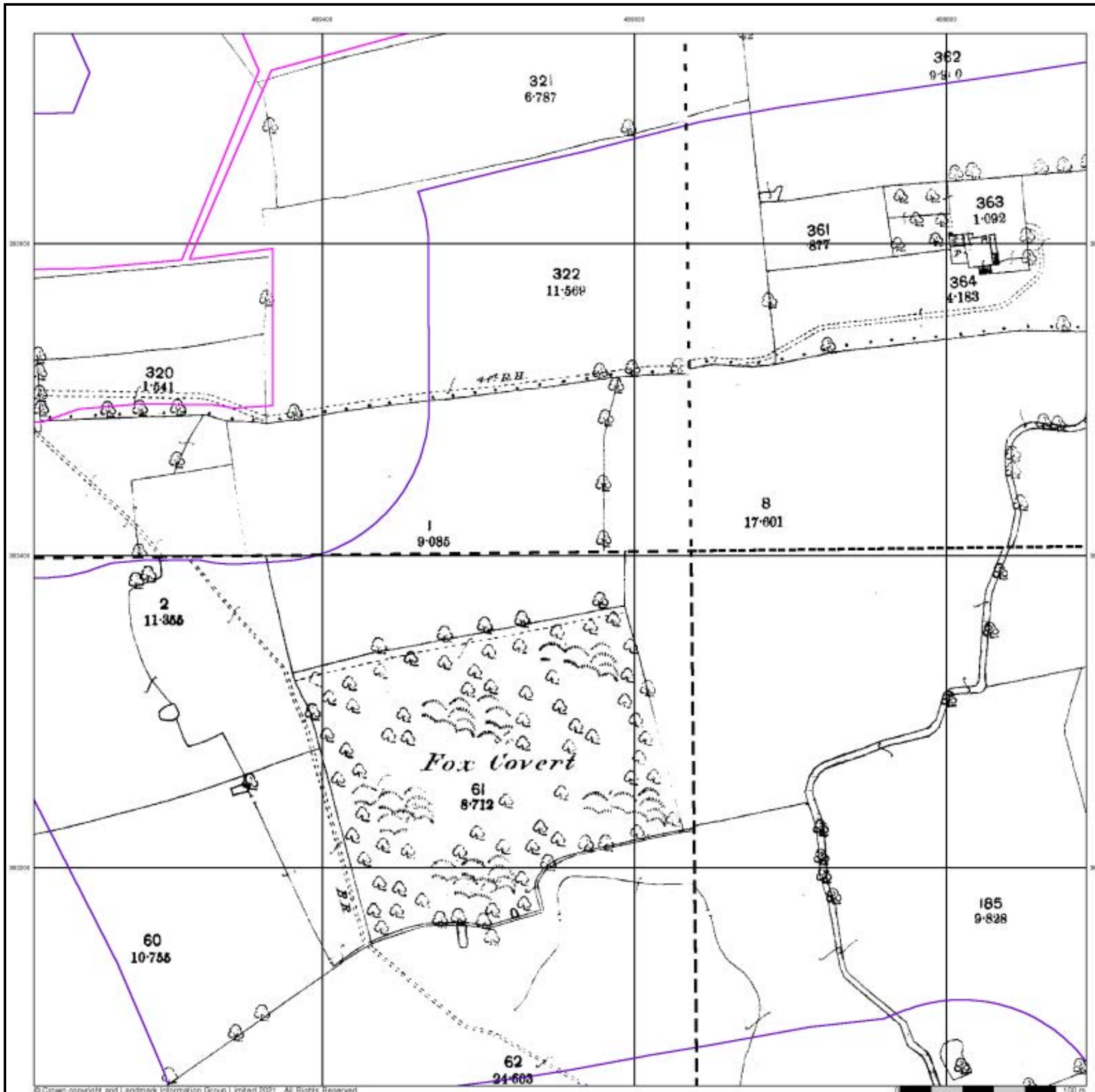


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Lincolnshire

Published 1906

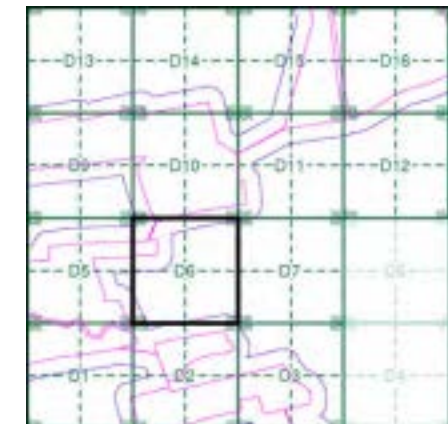
Source map scale - 1:2,500

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

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

051_07 1906 1:2,500	051_08 1906 1:2,500
051_11 1906 1:2,500	051_12 1906 1:2,500

### Historical Map - Segment D6

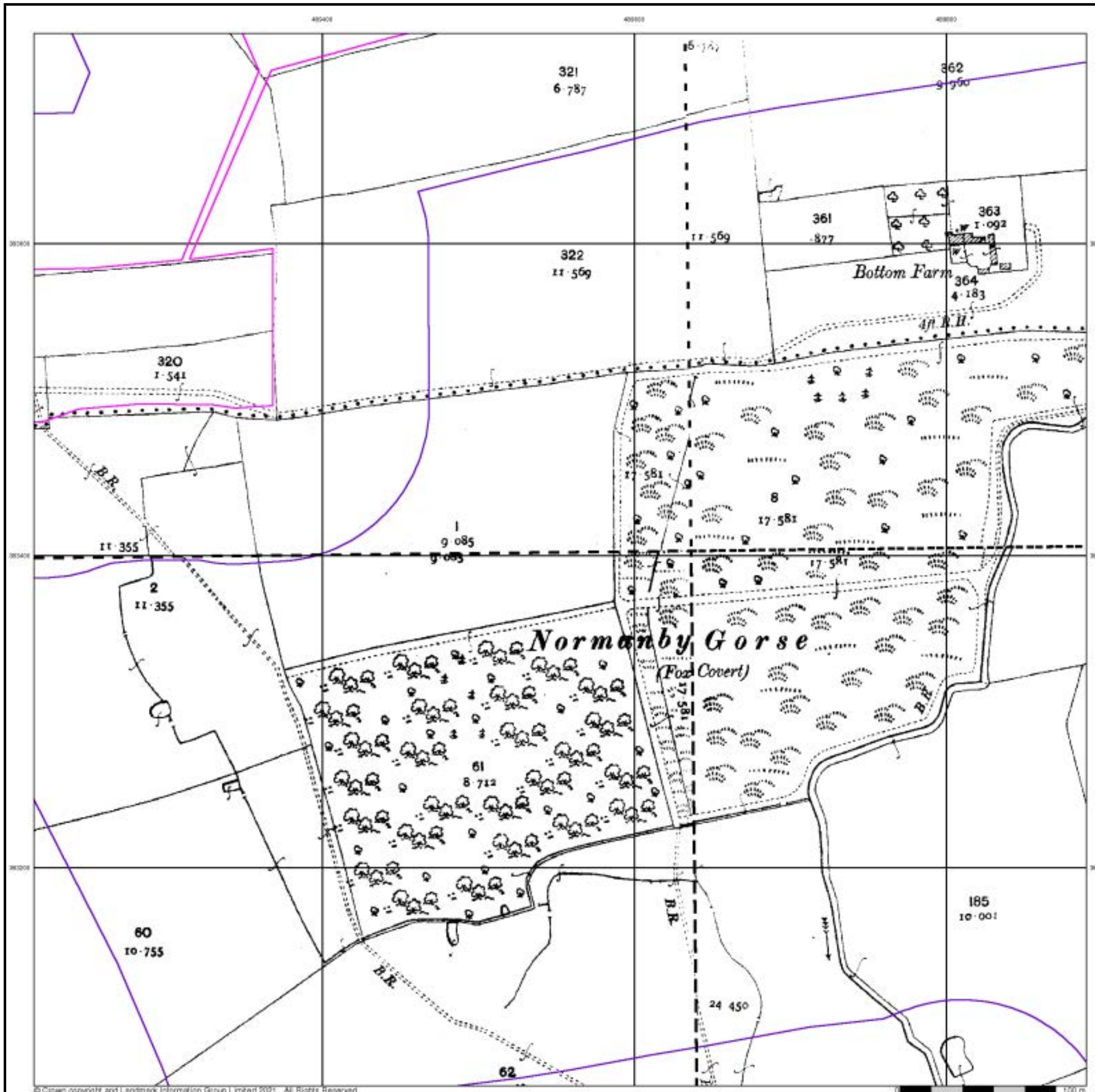


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





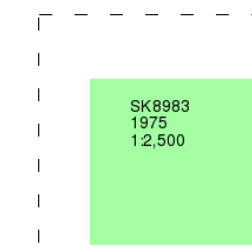
## Ordnance Survey Plan

Published 1975

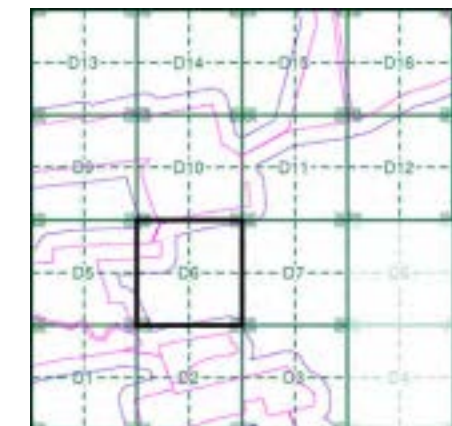
Source map scale - 1:2,500

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 D6



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



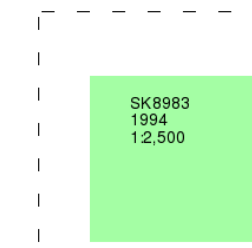
## Large-Scale National Grid Data

Published 1994

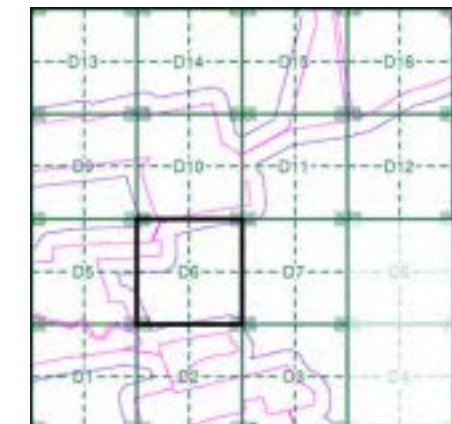
Source map scale - 1:2,500

'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 D6



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

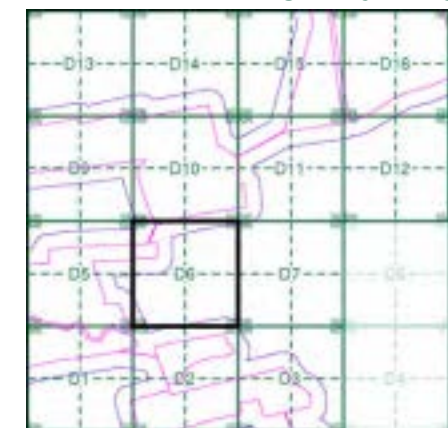
Cottam 1



## 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 D6



#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# Historical Mapping Legends

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

**Quarry**   **Gravel Pit**   **Sand Pit**  
**Clay Pit**   **Shingle**   **Refuse Heap**  
**Sloping Masonry**   **Flat Rock**  
**Marsh**   **Reeds**   **Osiers**  
**Rough Pasture**   **Furze**   **Wood**  
**Mixed Wood**   **Brushwood**   **Orchard**  
**Fir**   **Ford**   **Stepping Stones**  
**Ferry**   **Waterfall**   **Lock**  
**Trig. Station**   **Altitude at Trig. Station**  
**B.M. 325.9**   **Bench Mark**   **Surface Level**  
**Arrow denotes flow of water**   **Antiquities (site of)**  
**Cutting**   **Embankment**  
**Railway crossing Road**   **Level Crossing**   **Road crossing Railway**  
**Railway crossing River or Canal**   **Road over single stream**   **Road over River or Canal**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Administrative County & Civil Parish Boundary**  
**County Borough Boundary (England)**  
**County Burgh Boundary (Scotland)**  
**Boundary Post or Stone**   **Police Call Box**  
**B.R. Bridle Road**   **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

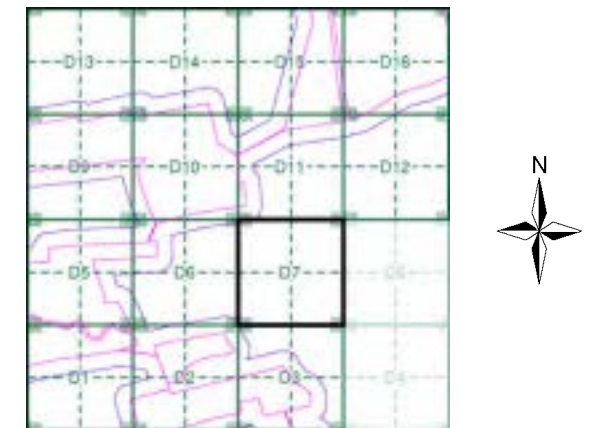
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974 - 1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment D7



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

## Lincolnshire

Published 1886

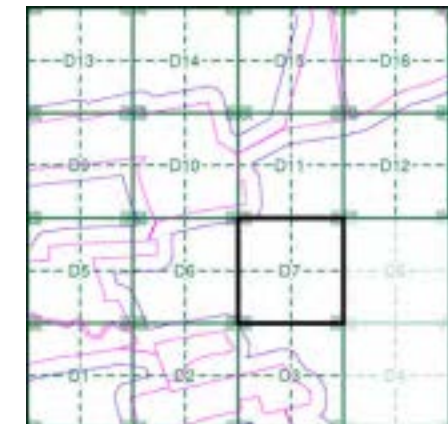
Source map scale - 1:2,500

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)

051_08
1886
1:2,500
051_12
1886
1:2,500

### Historical Map - Segment D7

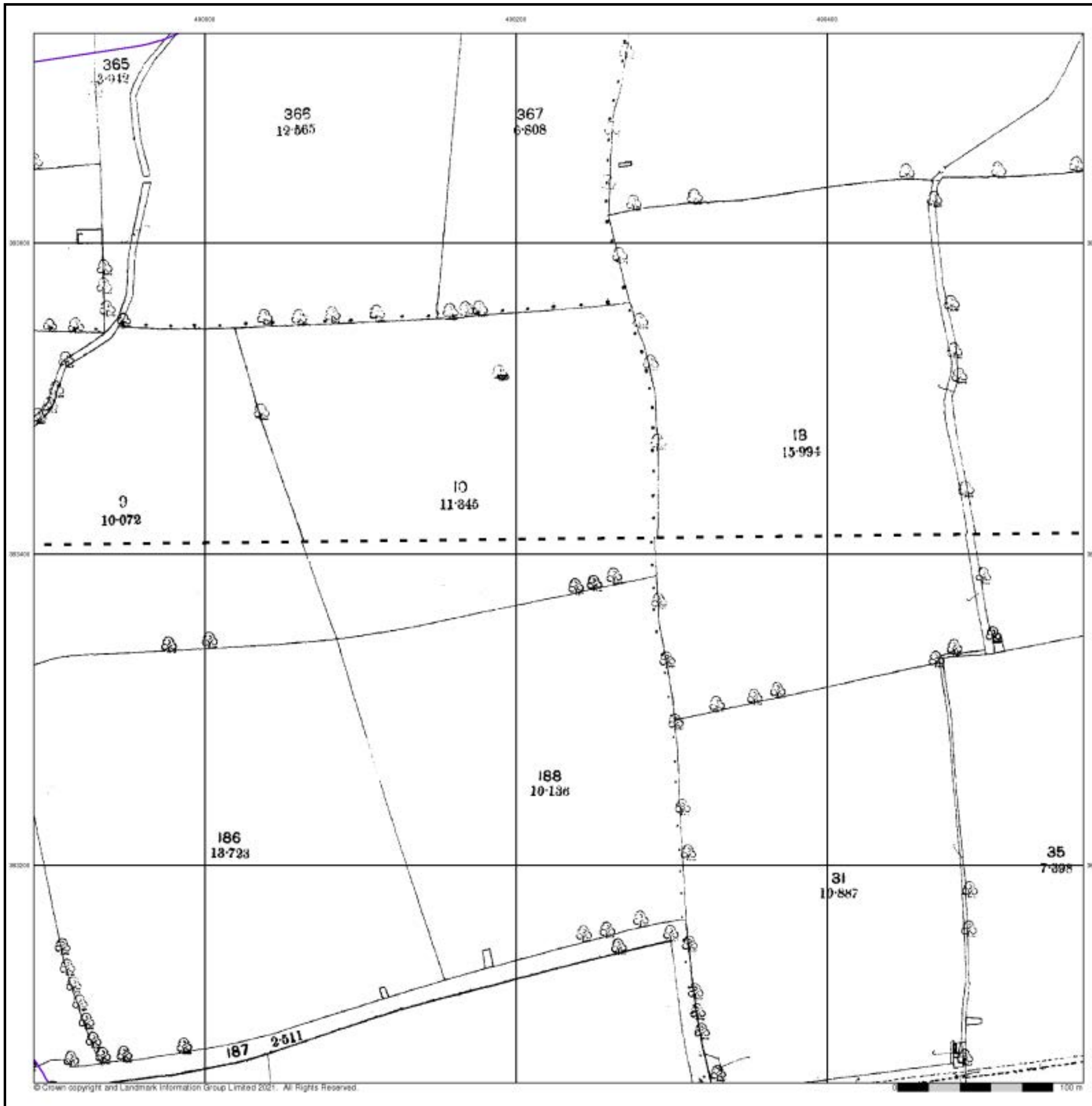


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Lincolnshire

Published 1906

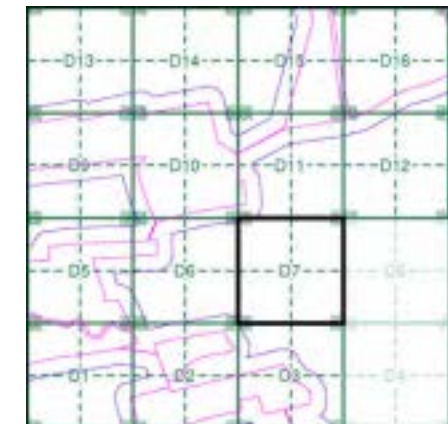
Source map scale - 1:2,500

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

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

051_08
1906
1:2,500
051_12
1906
1:2,500

### Historical Map - Segment D7

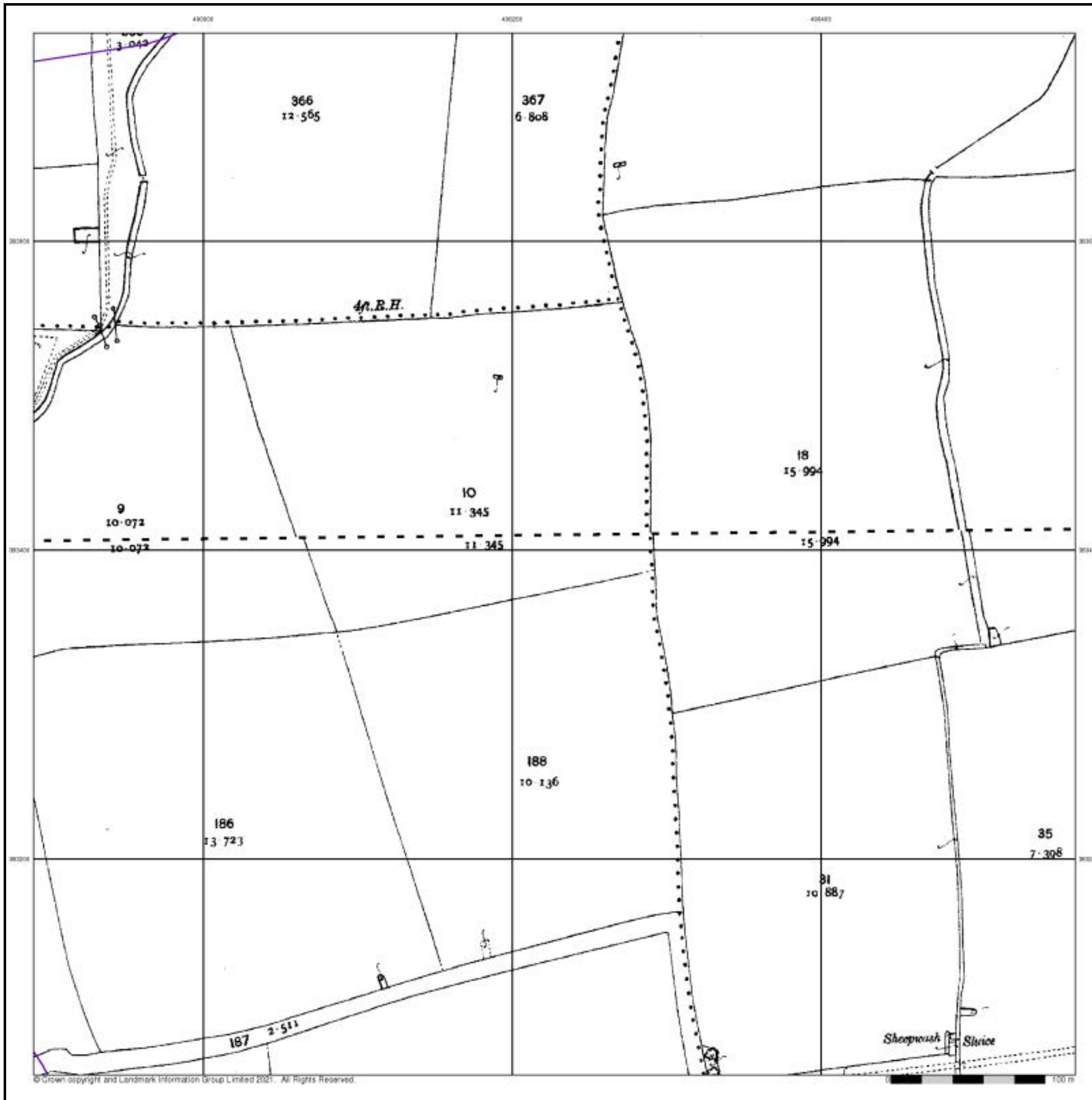


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



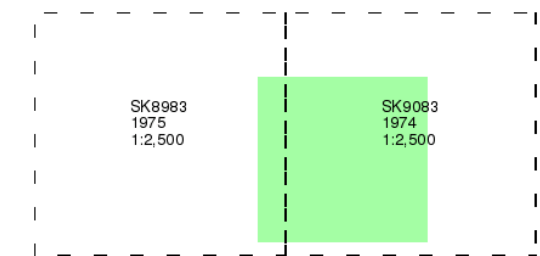
### Ordnance Survey Plan

Published 1974 - 1975

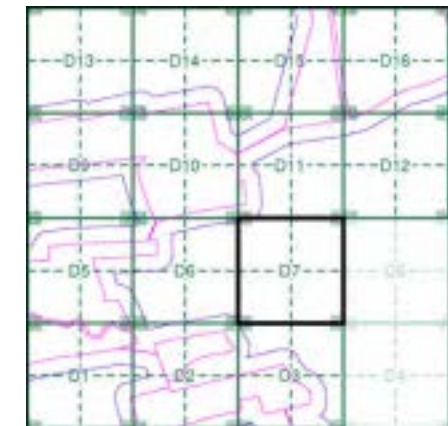
Source map scale - 1:2,500

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 D7

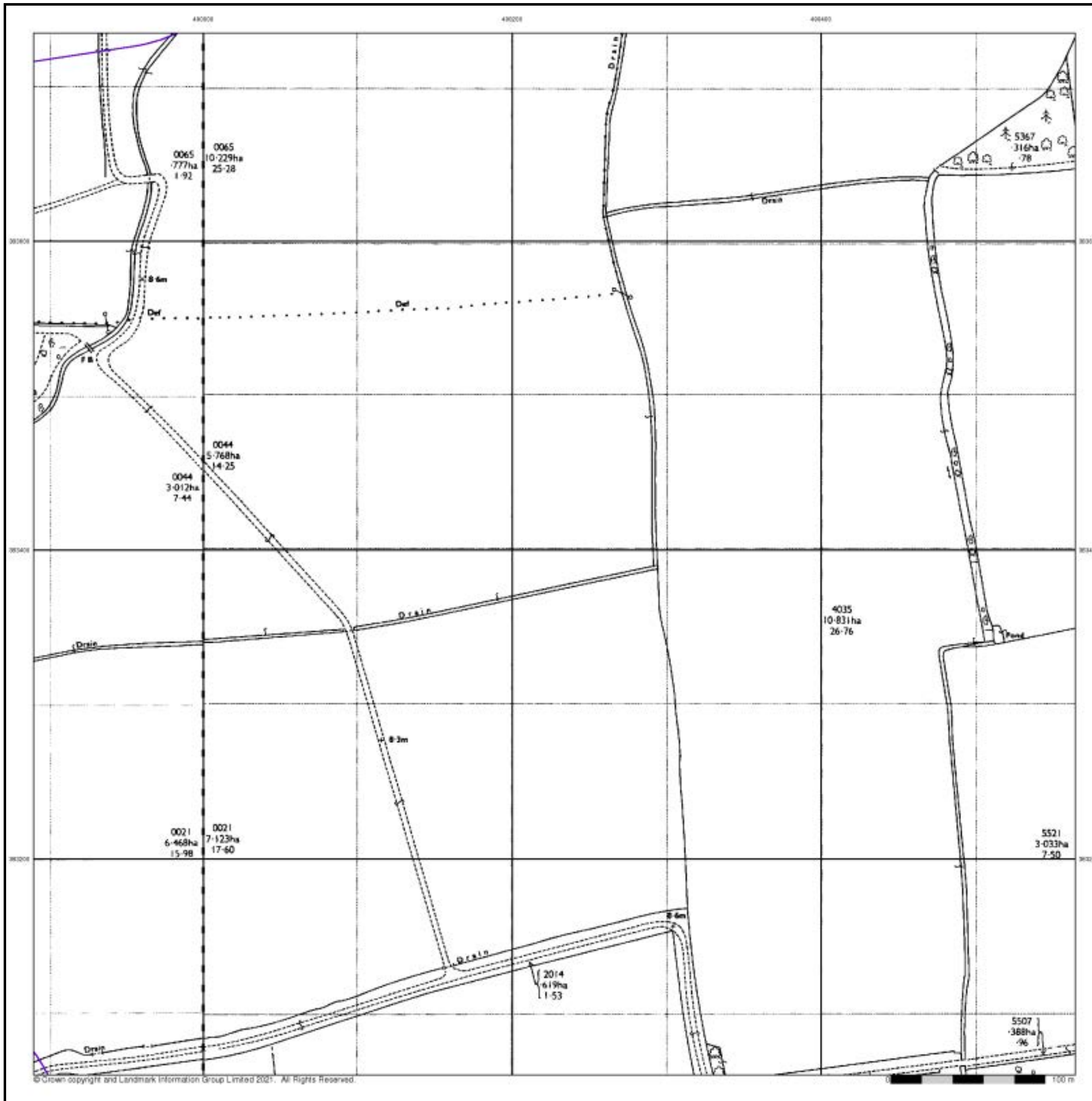


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



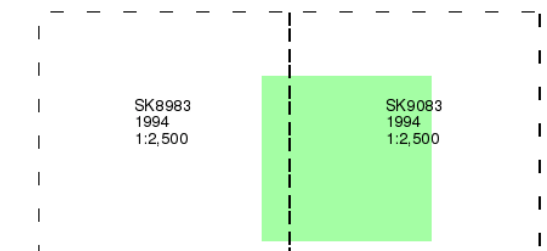
## Large-Scale National Grid Data

Published 1994

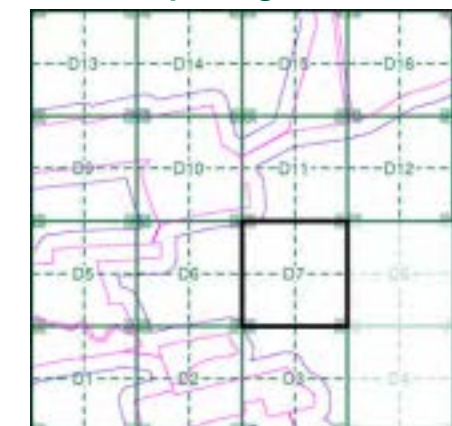
Source map scale - 1:2,500

'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 D7

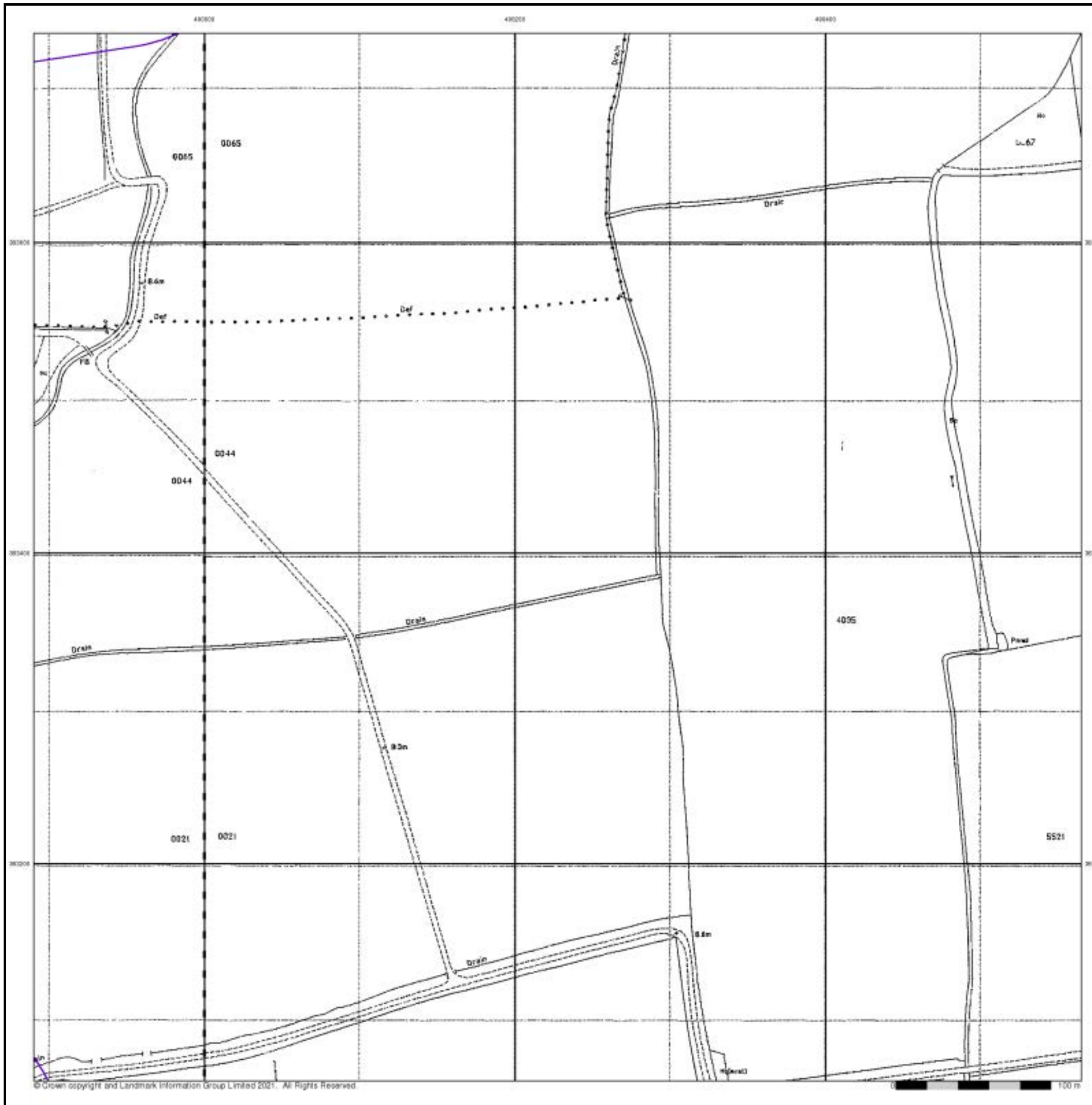


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



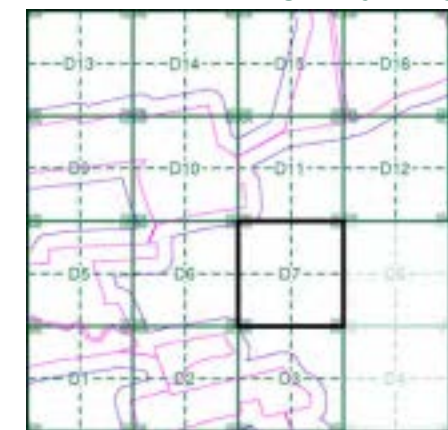


## Historical Aerial Photography

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 D7

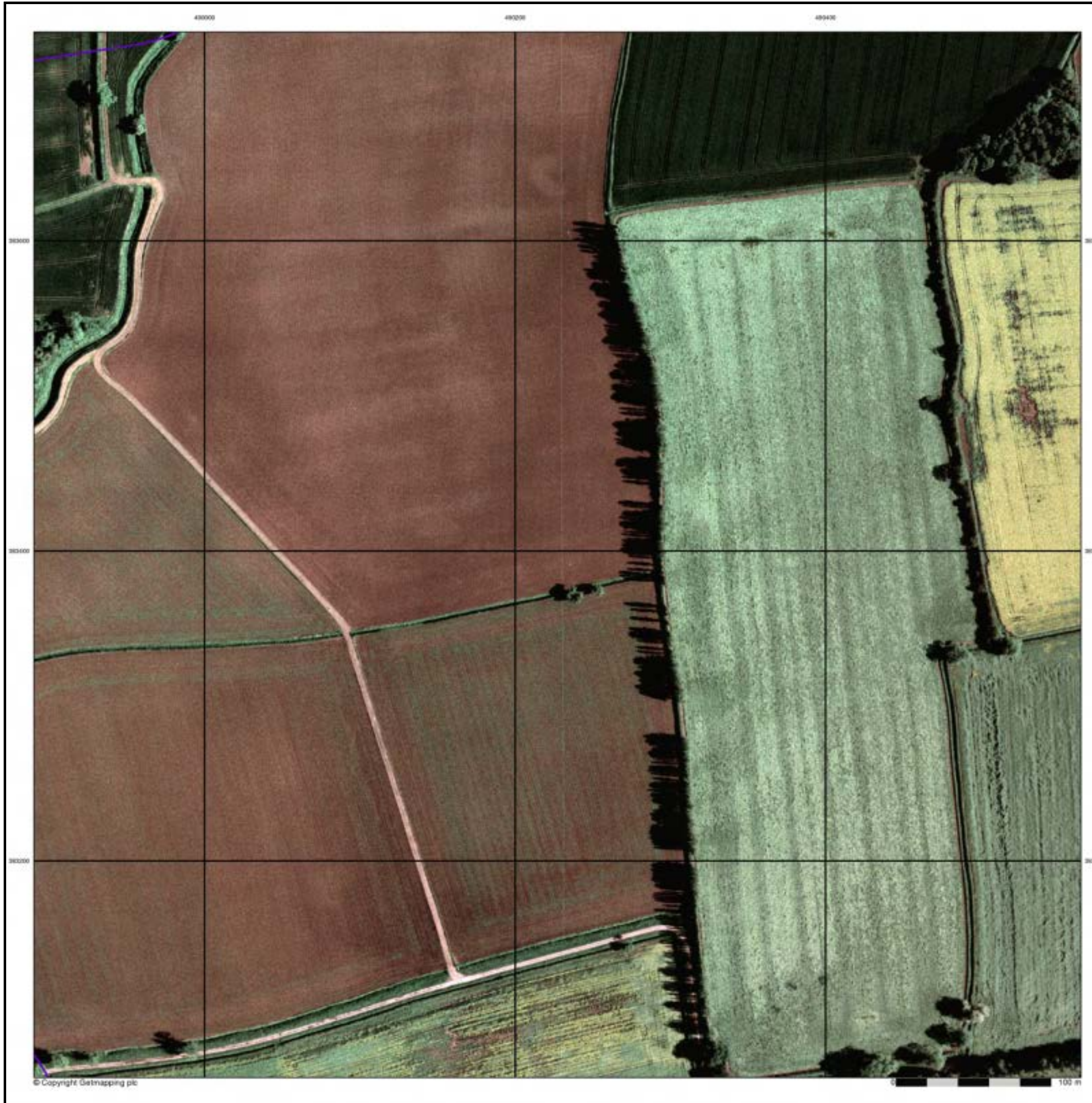


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

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

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

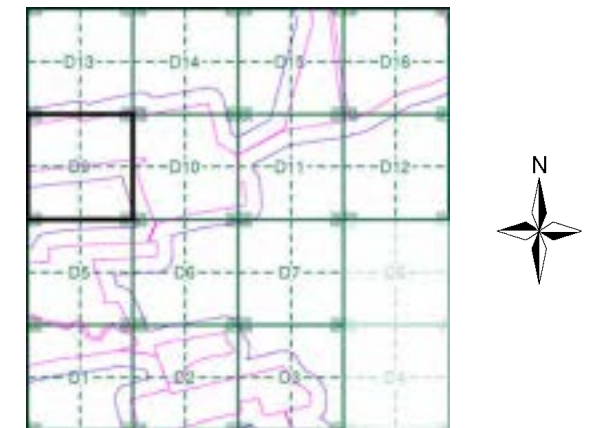
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment D9



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



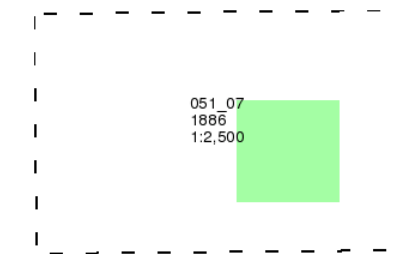
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

**Lincolnshire**  
**Published 1886**

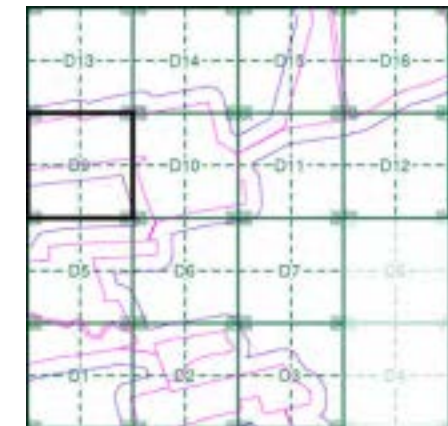
**Source map scale - 1:2,500**

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 D9**

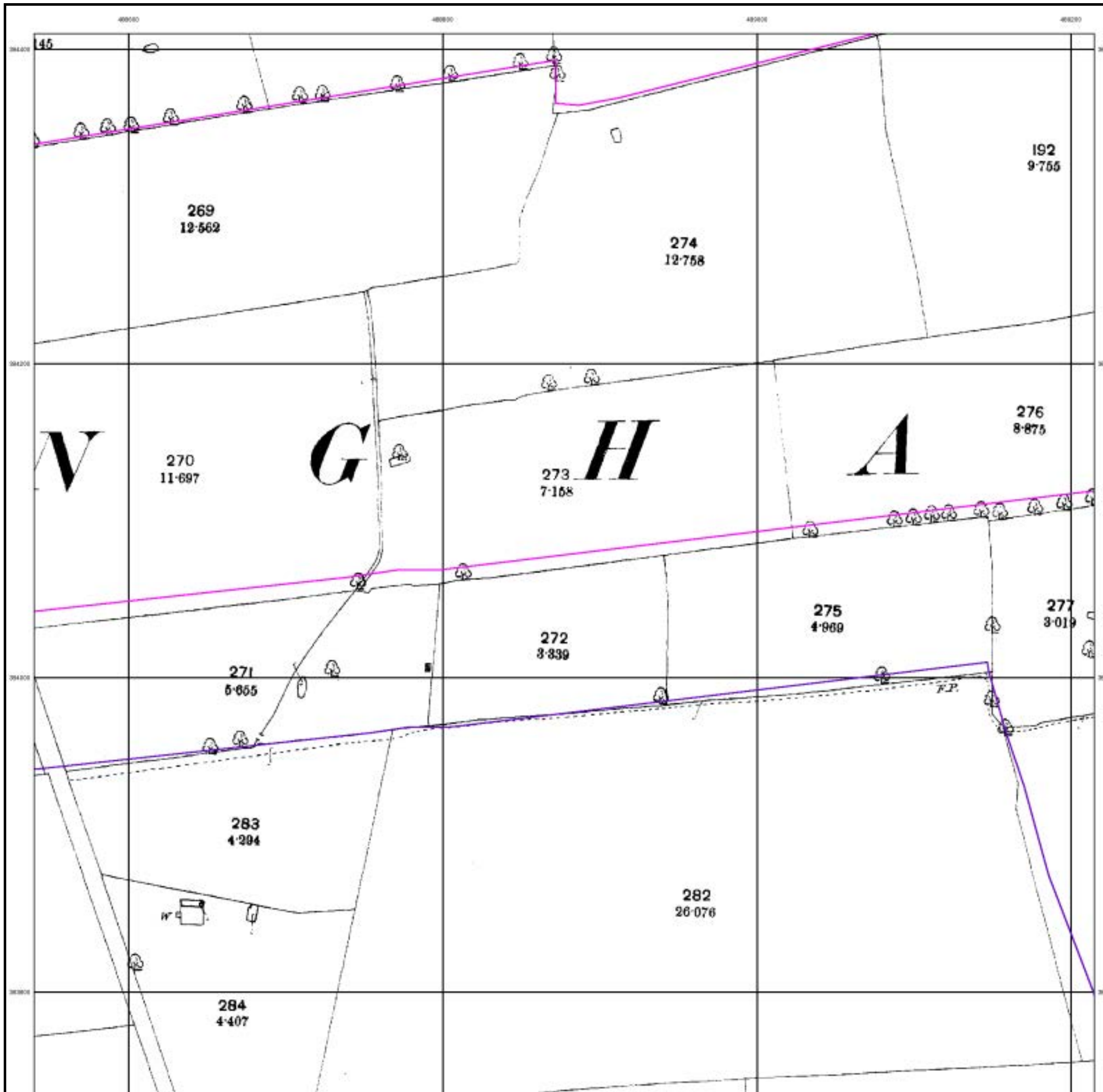


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1

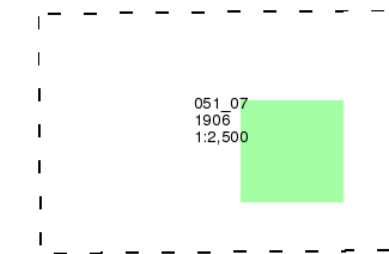


**Lincolnshire**  
**Published 1906**

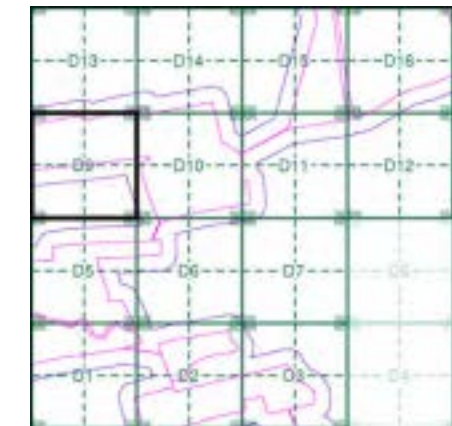
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment D9**

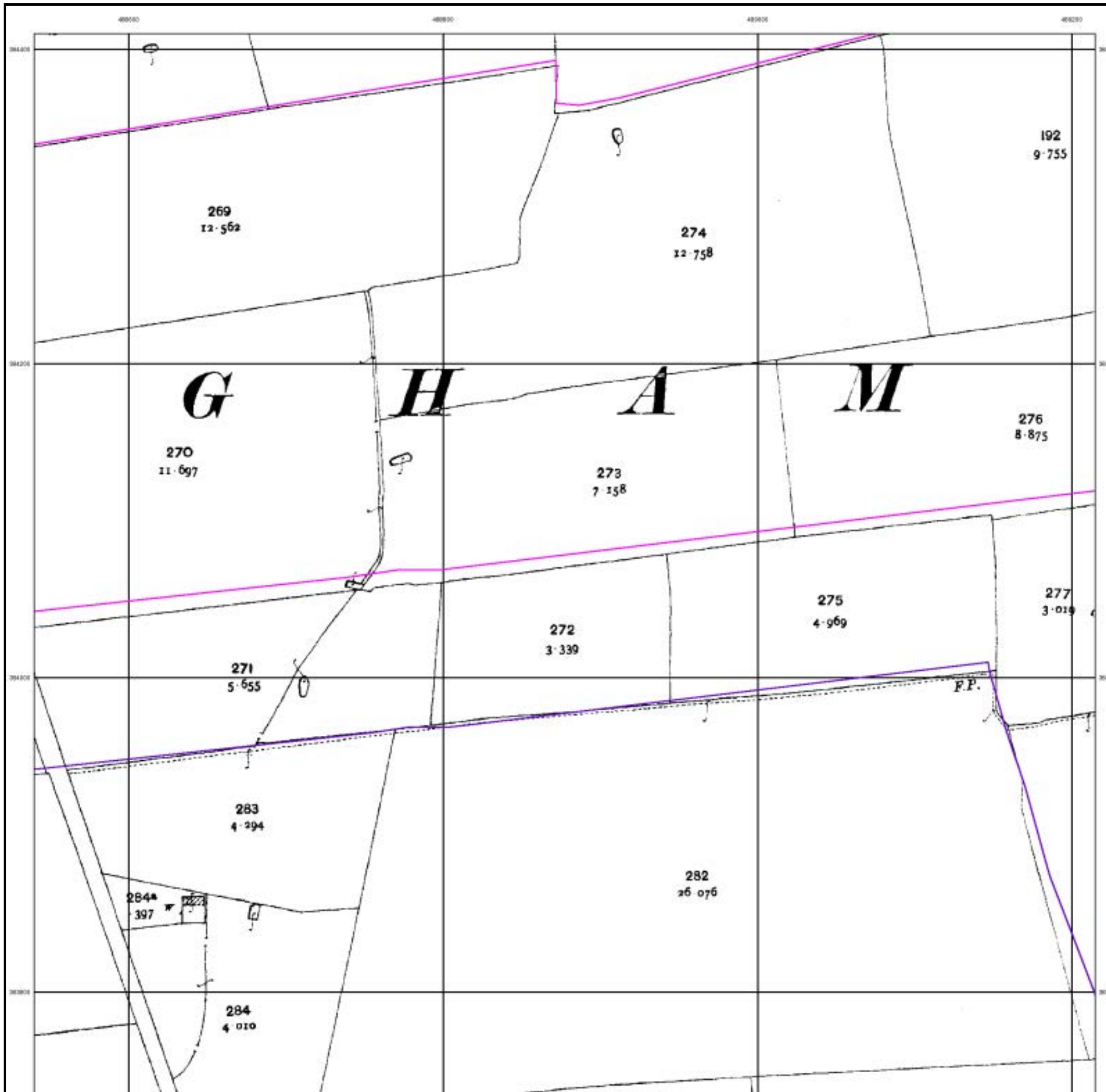


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



### Ordnance Survey Plan

Published 1975

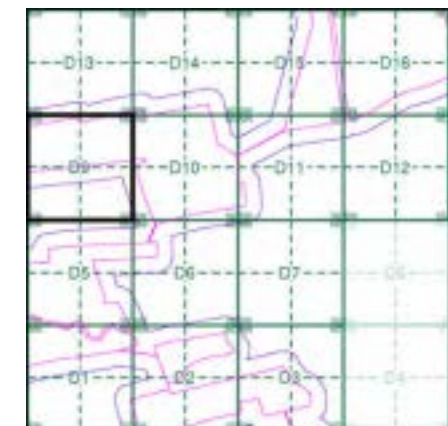
Source map scale - 1:2,500

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)

SK8884 1975 1:2,500	SK8984 1975 1:2,500
SK8883 1975 1:2,500	SK8983 1975 1:2,500

### Historical Map - Segment D9

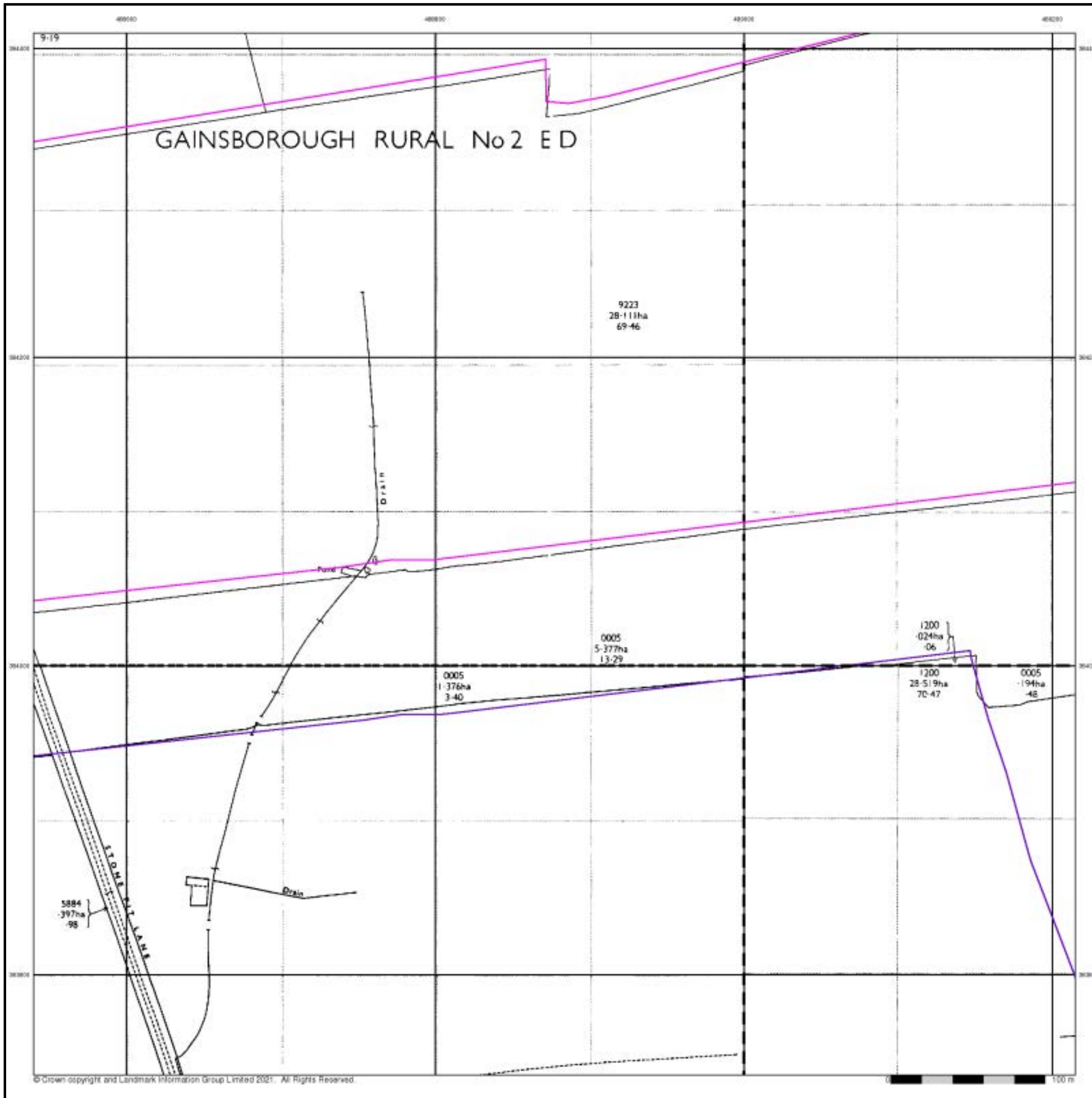


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

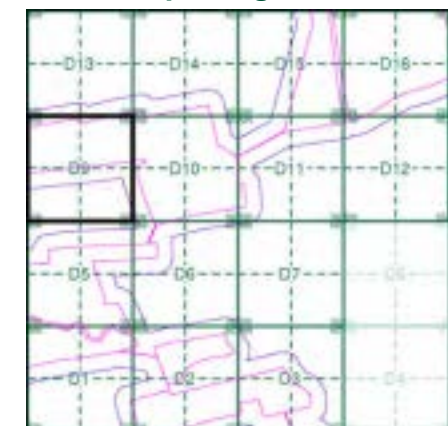
Source map scale - 1:2,500

'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)

SK8884	SK8984
1994	1994
12,500	12,500
SK8883	SK8983
1994	1994
12,500	12,500

### Historical Map - Segment D9

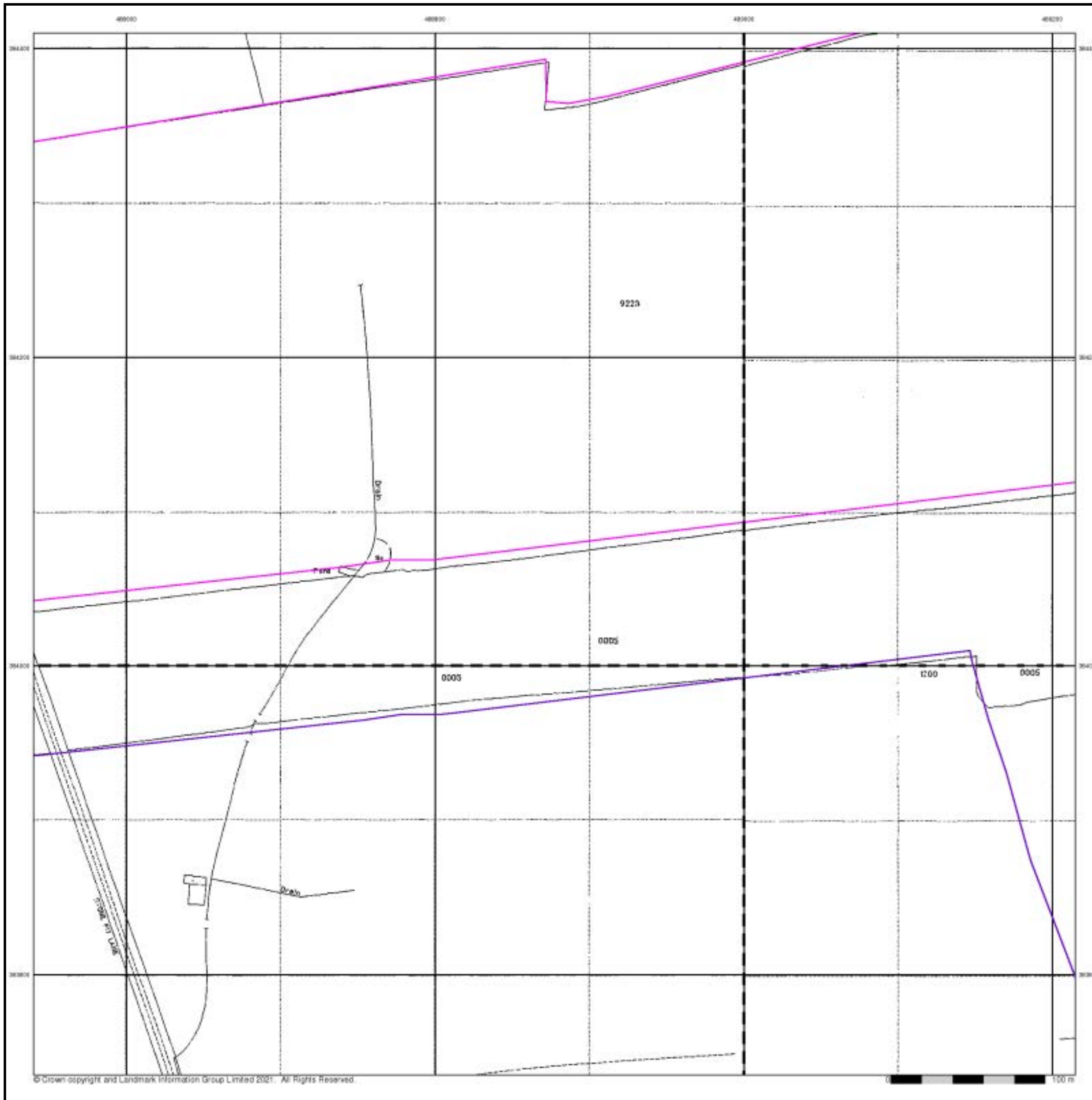


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

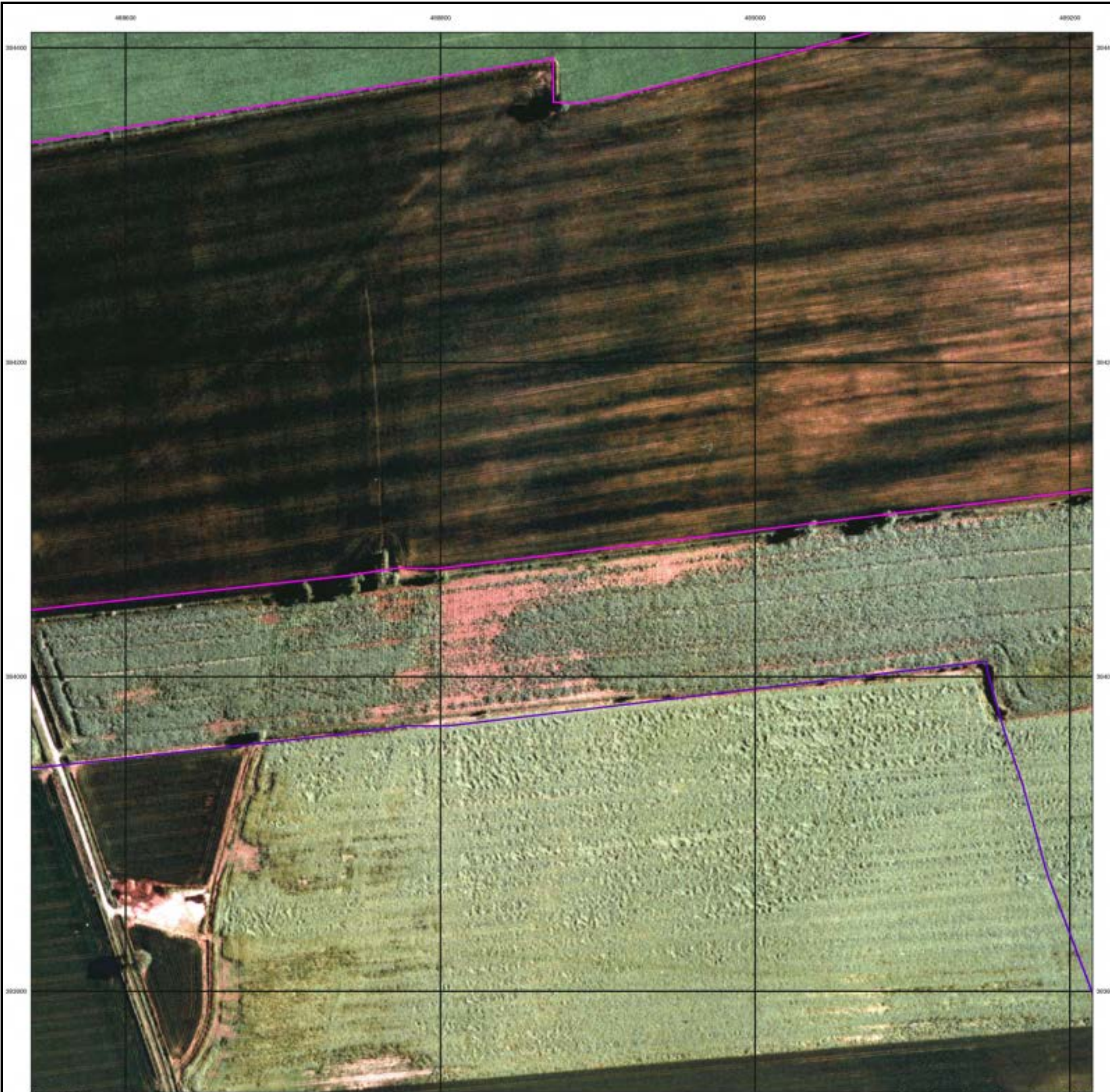
Cottam 1



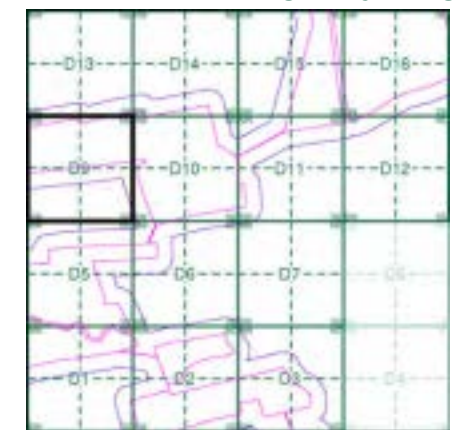
## Historical Aerial Photography

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 D9



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

# Historical Mapping Legends

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

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

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

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

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

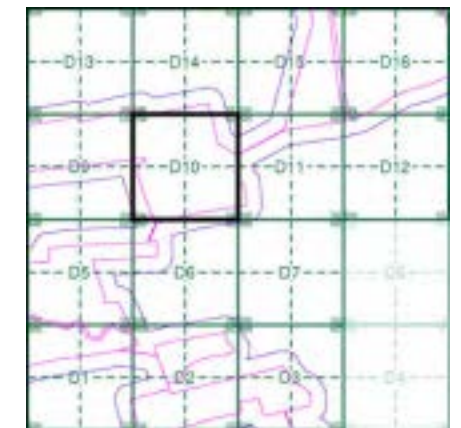
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
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**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
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**BM 231.60m** Bench Mark   **Buildings with Building Seed**  
**Roofed Building**   **Glazed Roof Building**  
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**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks** Barracks   **P** Pillar, Pole or Post  
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**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  
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**EI Sub Sta** Electricity Sub Station   **SP, SL** Signal Post or Light  
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**Fn / D Fn** Fountain / Drinking Ftn.   **Tk** Tank or Track  
**Gas Gov** Gas Valve Compound   **Tr** Trough  
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**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment D10



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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



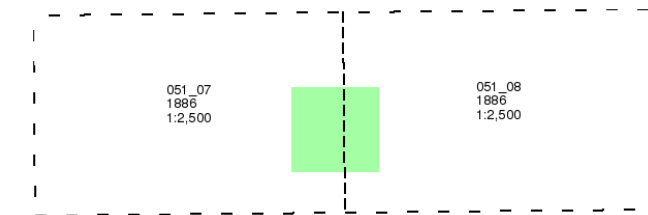
## Lincolnshire

Published 1886

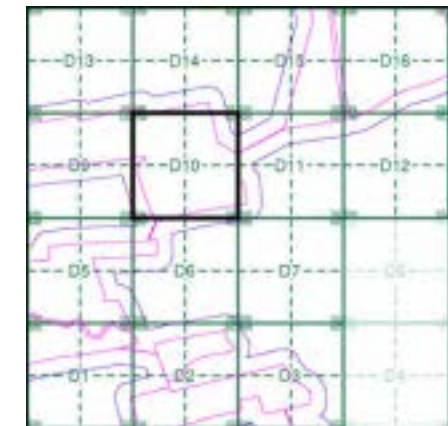
Source map scale - 1:2,500

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 D10

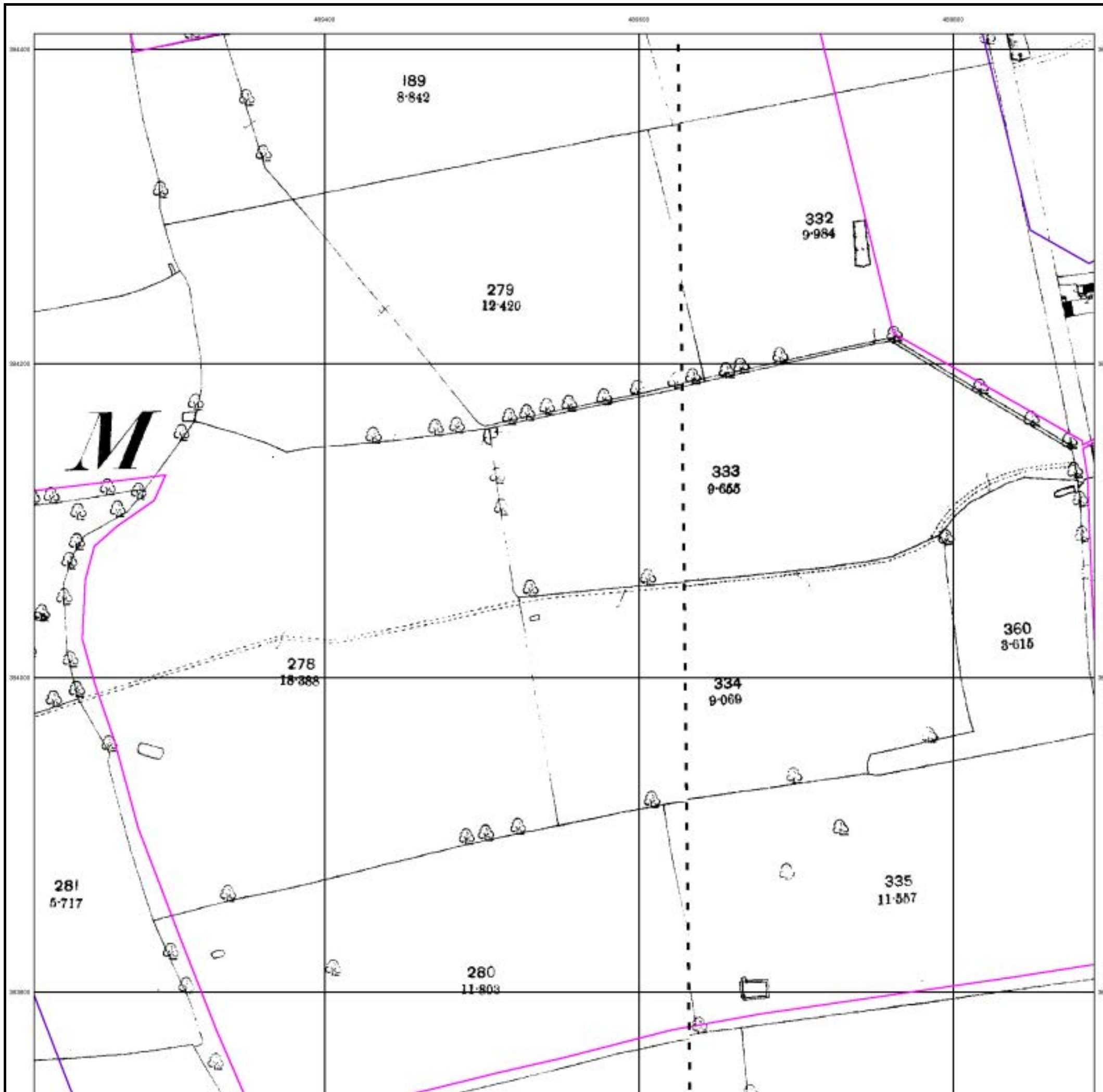


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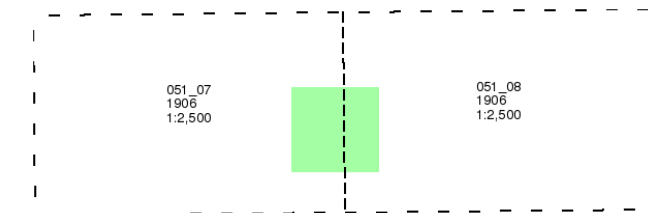
## Lincolnshire

Published 1906

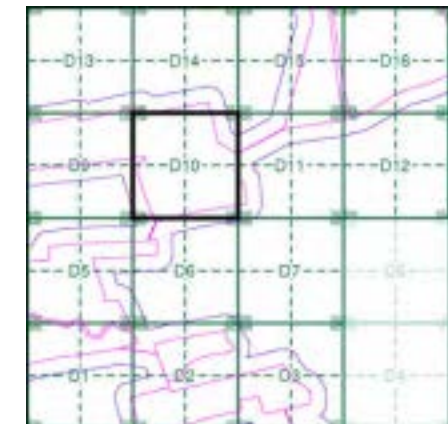
Source map scale - 1:2,500

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



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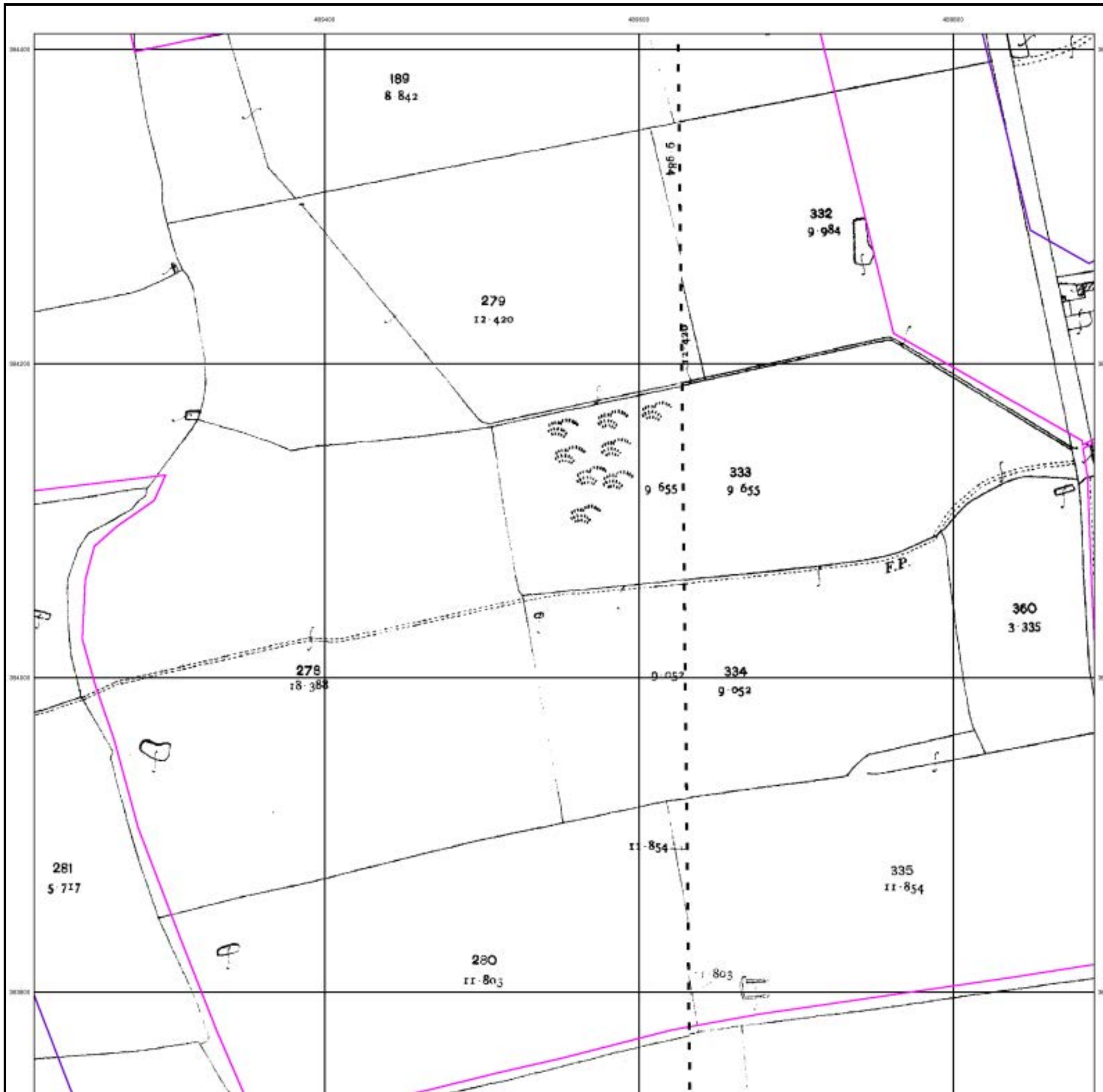


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### Site Details

Cottam 1



### Ordnance Survey Plan

Published 1975

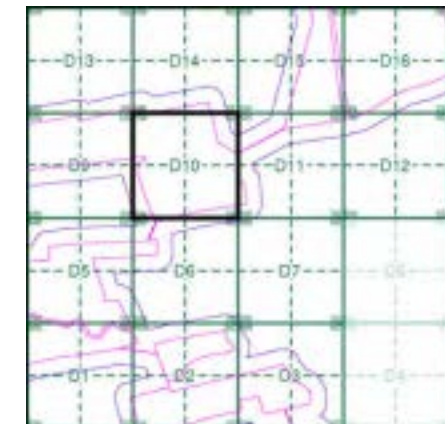
Source map scale - 1:2,500

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)

SK8984	1975	1:2,500
SK8983	1975	1:2,500

### Historical Map - Segment D10

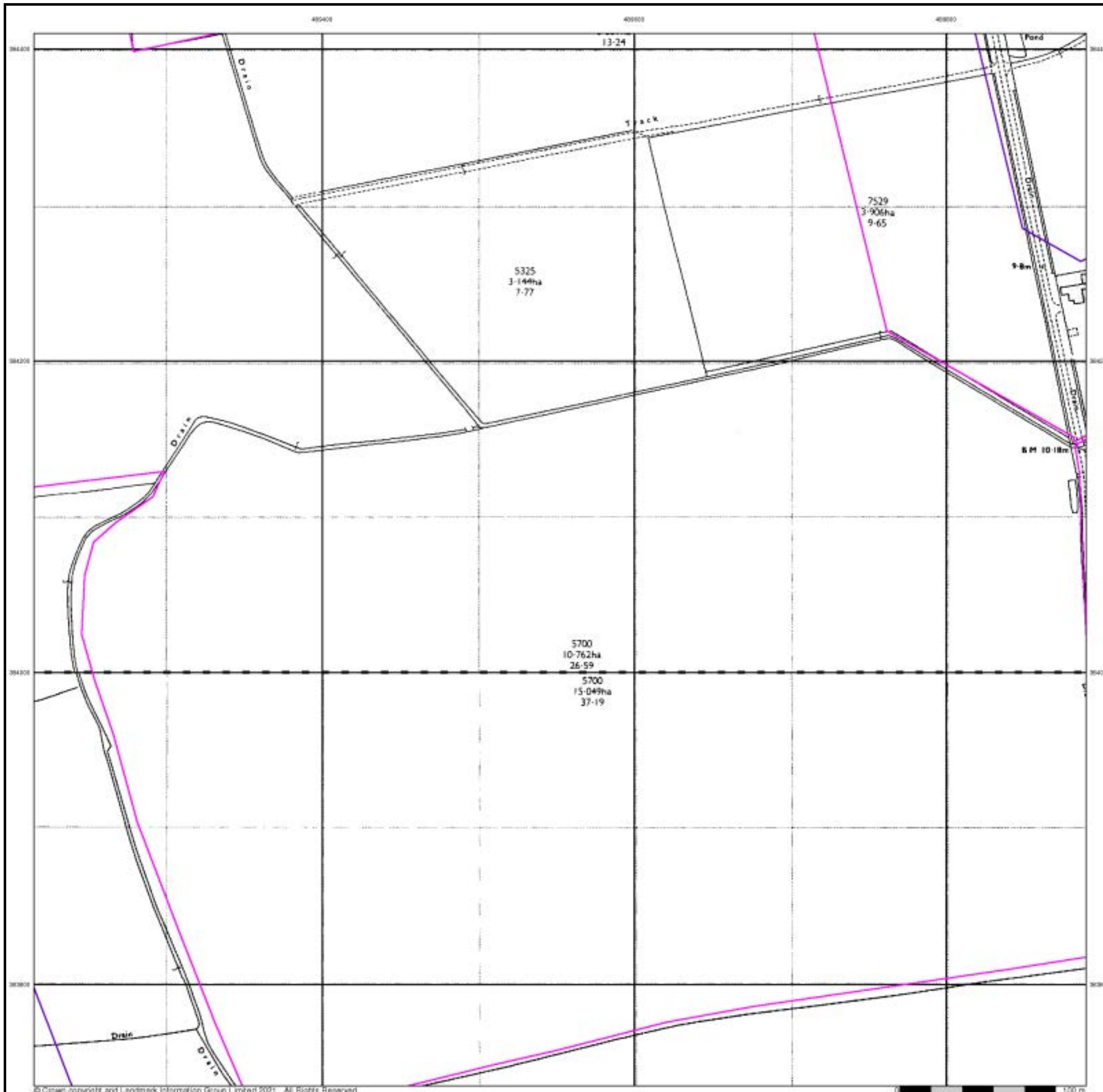


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### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

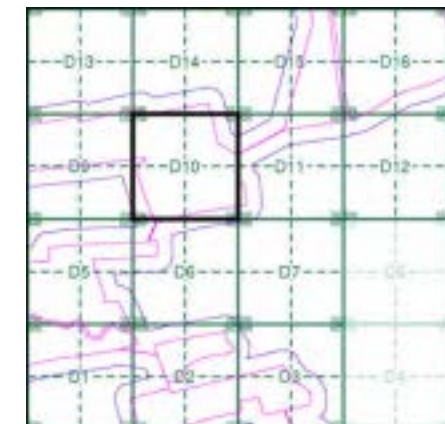
Source map scale - 1:2,500

'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)

SK8984	1994	1:2,500
SK8983	1994	1:2,500

### Historical Map - Segment D10

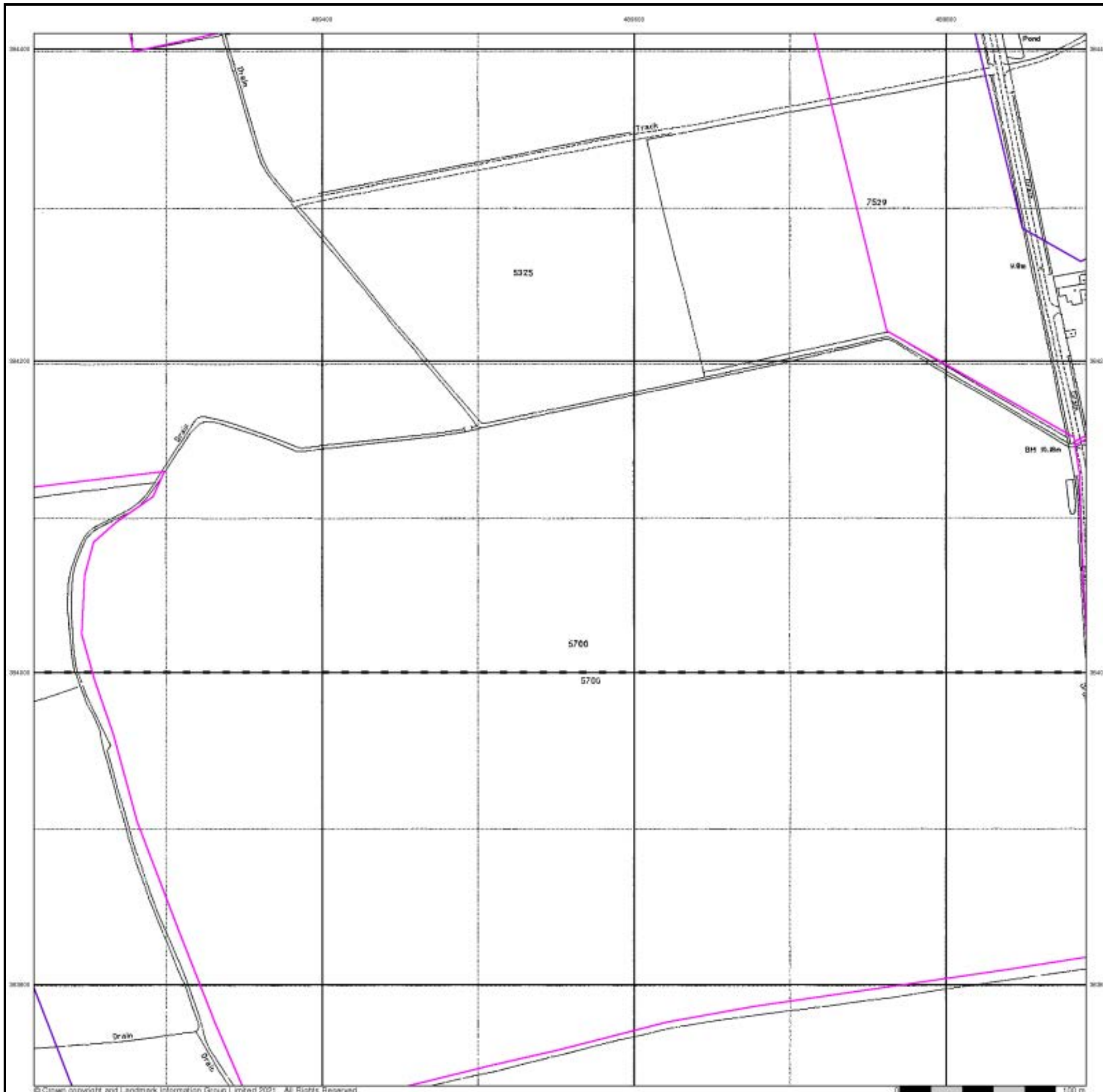


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### Site Details

Cottam 1

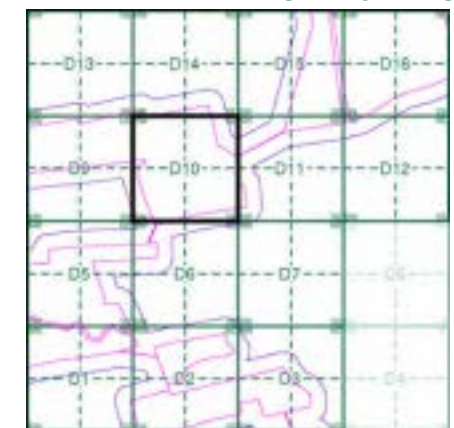


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Published 1999

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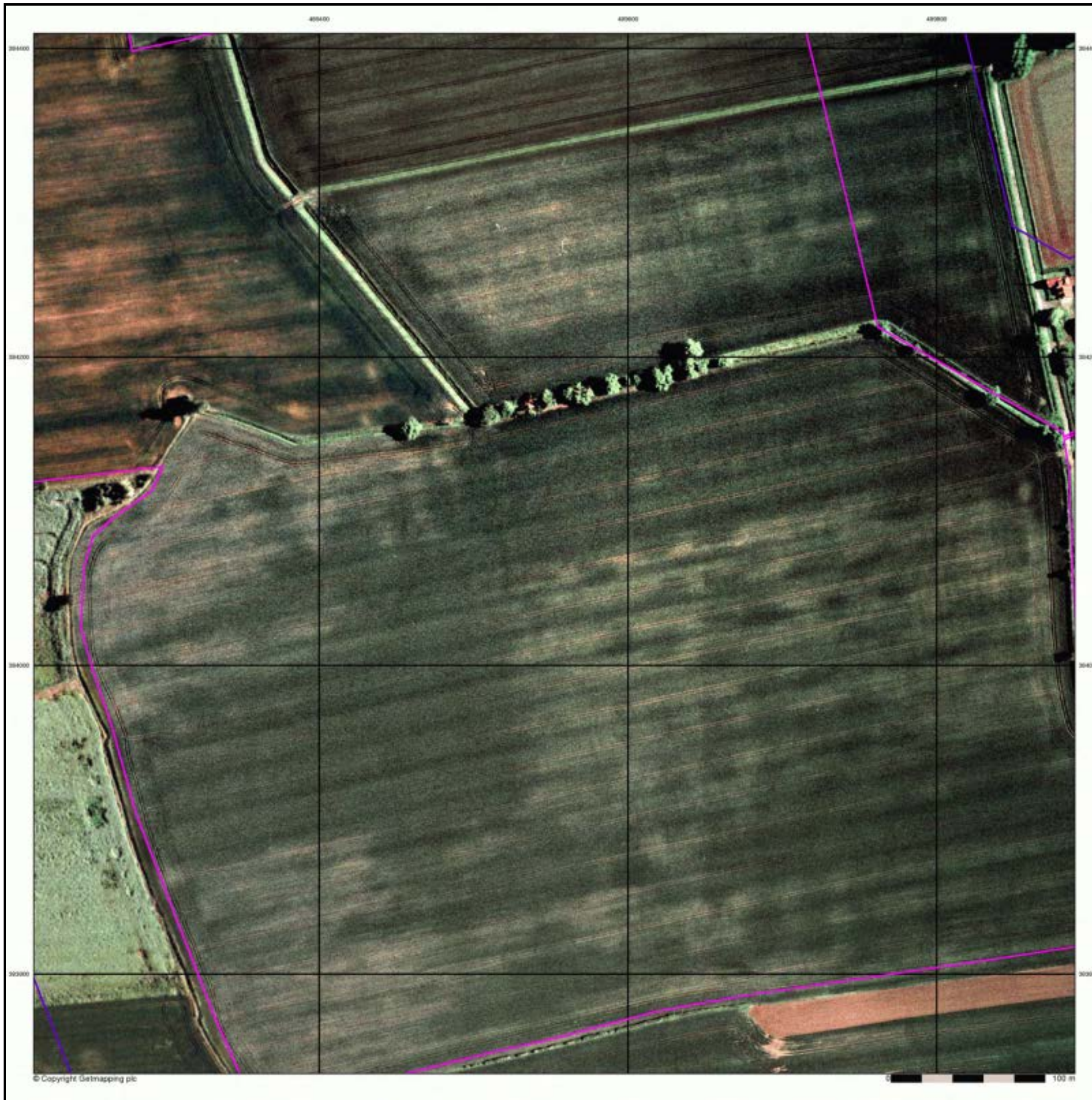


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Cottam 1



# Historical Mapping Legends

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

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

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**Electricity Transmission Line**  
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**Chy** Chimney   **PH** Public House  
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## Large-Scale National Grid Data 1:2,500 and 1:1,250

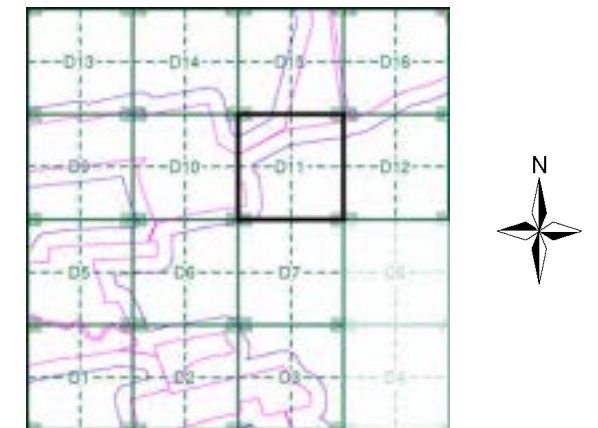
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
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**Cis** Cistern   **Ppg Sta** Pumping Station  
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## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974 - 1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment D11



## Order Details

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 Slice: D  
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 Search Buffer (m): 100

## Site Details

Cottam 1



Tel: 0844 844 9952  
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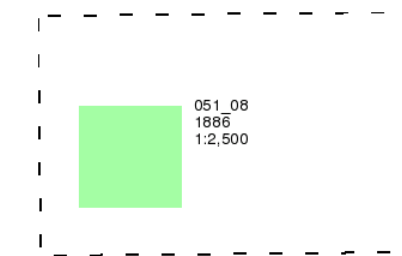
**Lincolnshire**

**Published 1886**

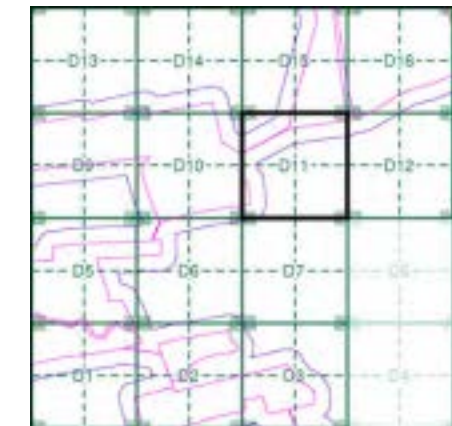
**Source map scale - 1:2,500**

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**Map Name(s) and Date(s)**



**Historical Map - Segment D11**

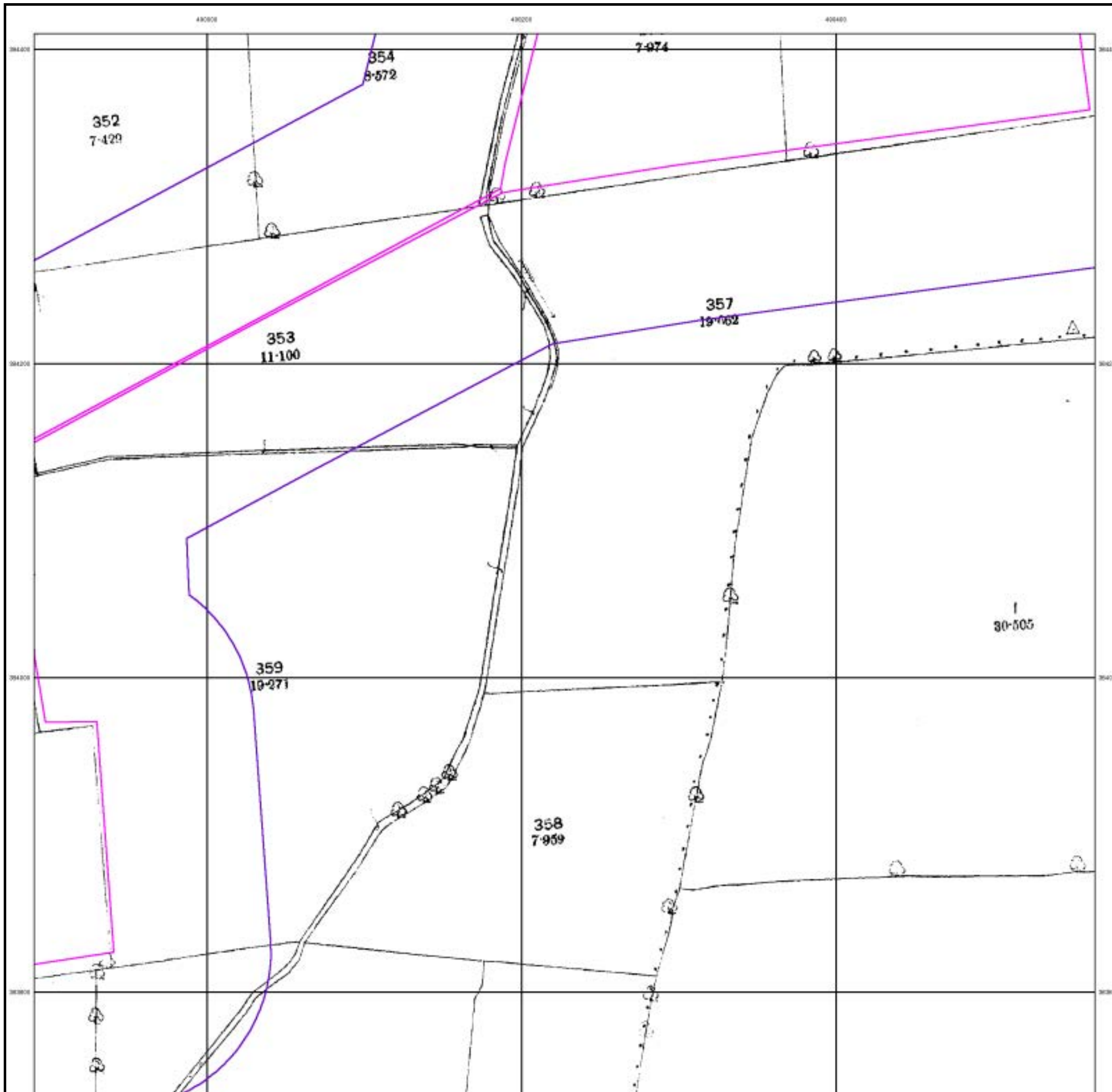


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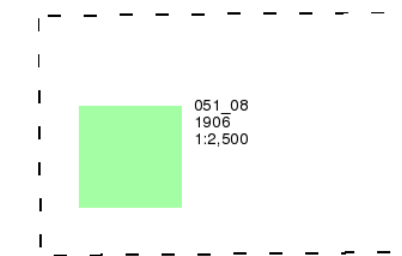
**Lincolnshire**

**Published 1906**

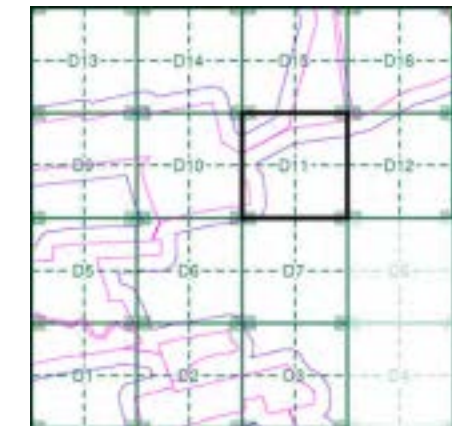
**Source map scale - 1:2,500**

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**Map Name(s) and Date(s)**



**Historical Map - Segment D11**

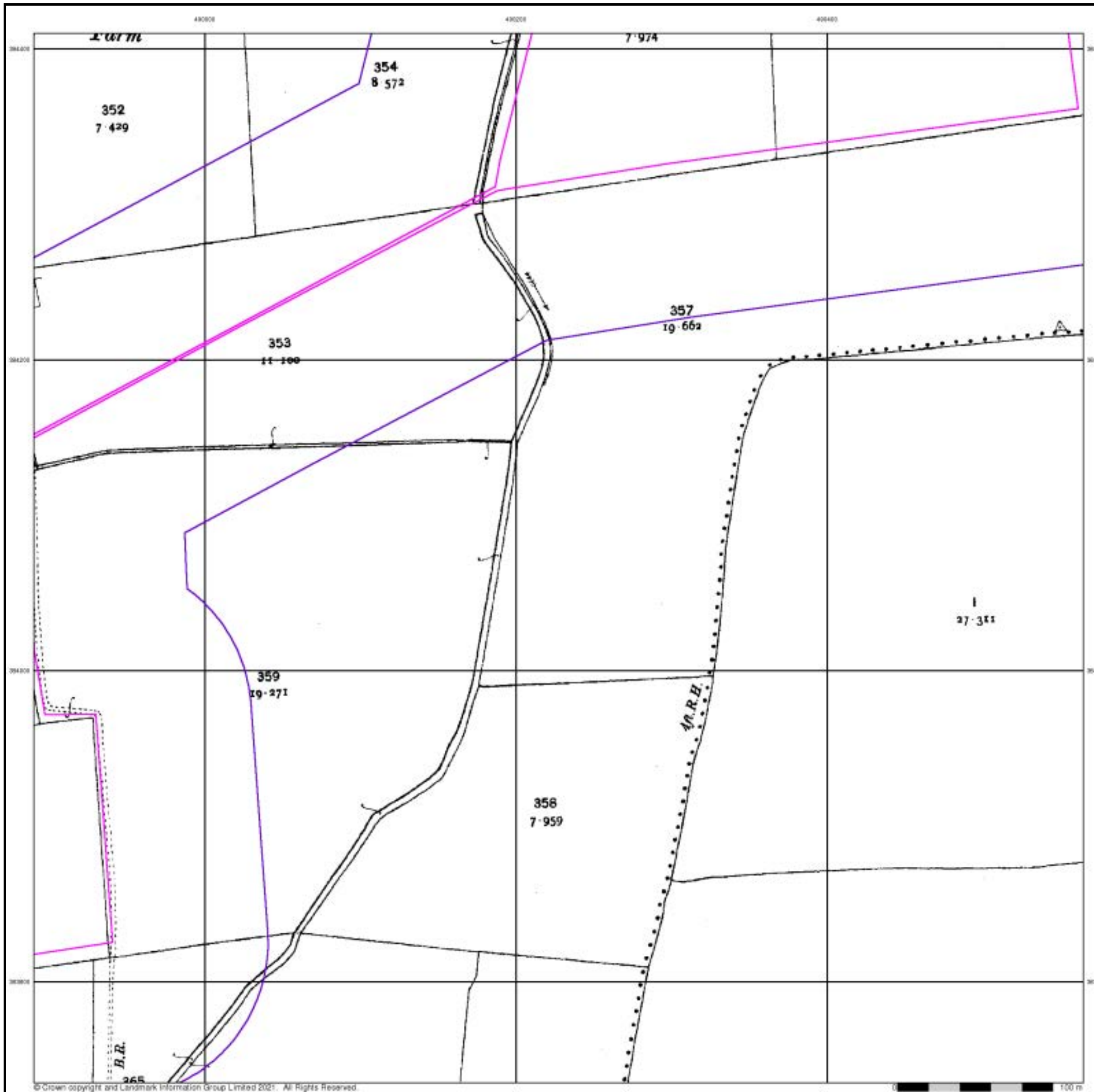


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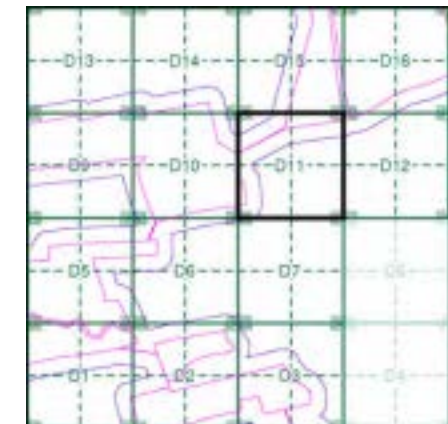
**Ordnance Survey Plan**  
**Published 1974 - 1975**  
**Source map scale - 1:2,500**

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**Map Name(s) and Date(s)**

SK8984 1975 1:2,500	SK9084 1974 1:2,500
SK8983 1975 1:2,500	SK9083 1974 1:2,500

**Historical Map - Segment D11**

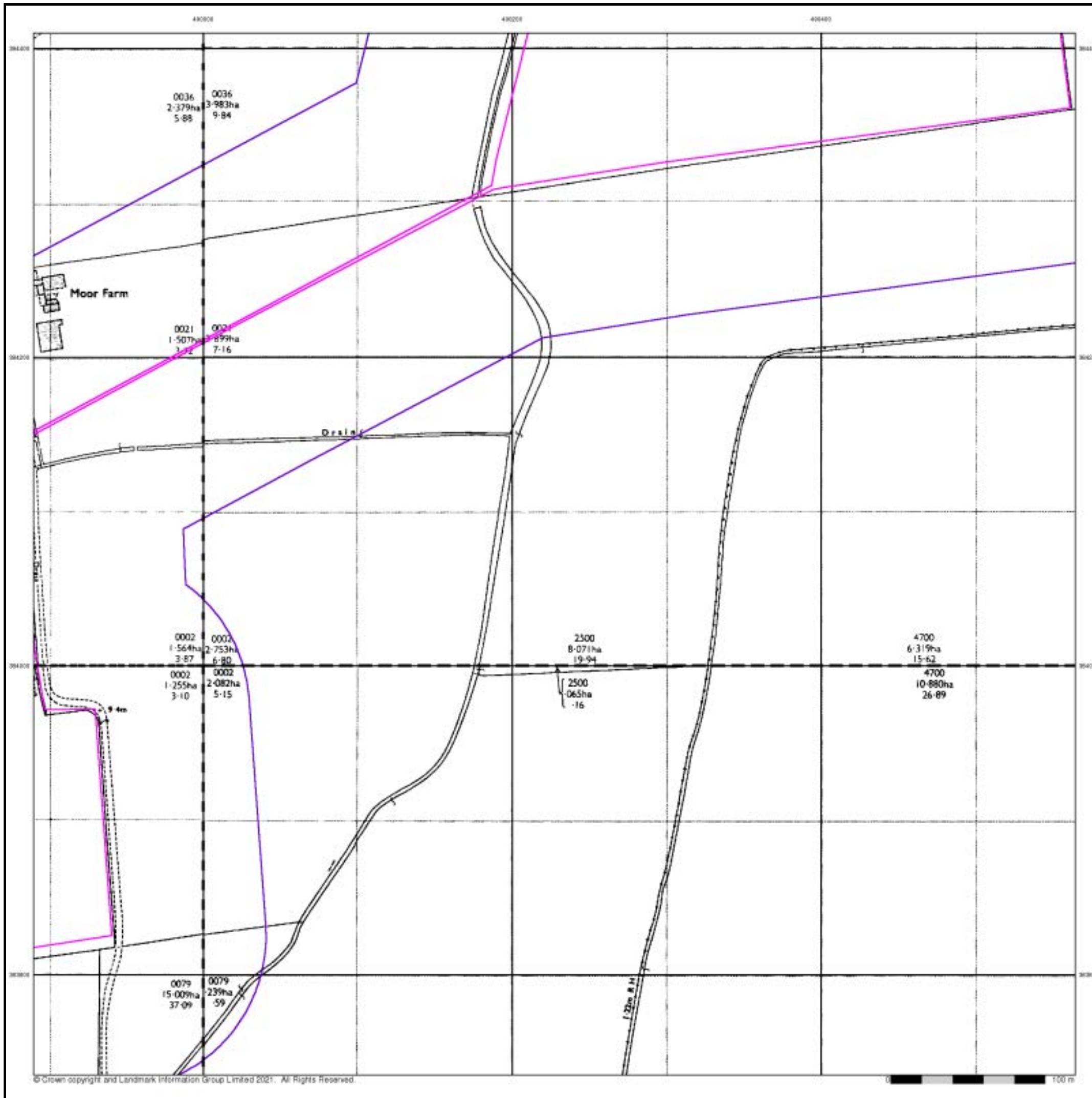


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**Site Details**

Cottam 1



## Large-Scale National Grid Data

Published 1994

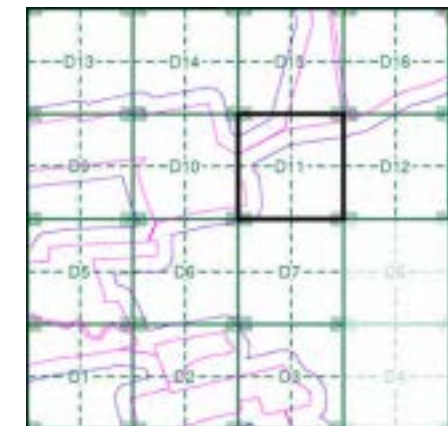
Source map scale - 1:2,500

'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)

SK8984	SK9084
1994	1994
12,500	12,500
SK8983	SK9083
1994	1994
12,500	12,500

### Historical Map - Segment D11

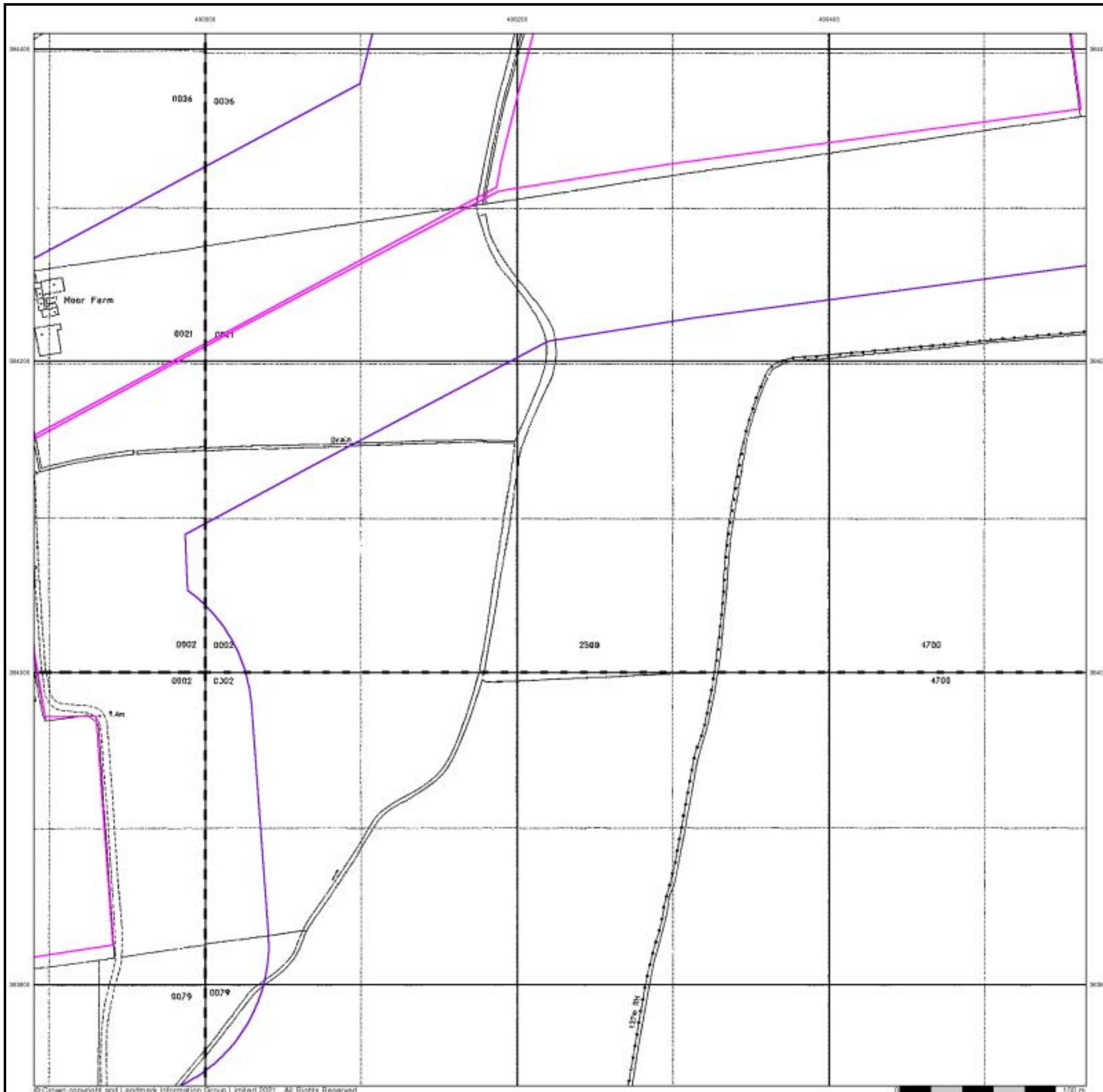


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

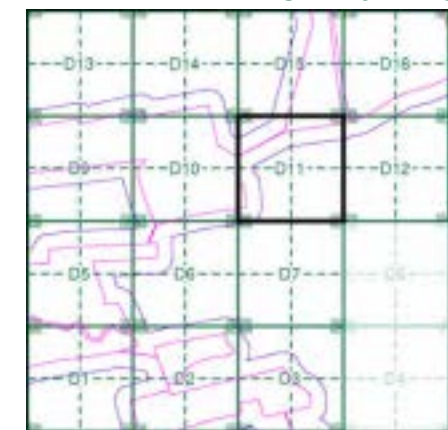
Cottam 1



## 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 D11



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# 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

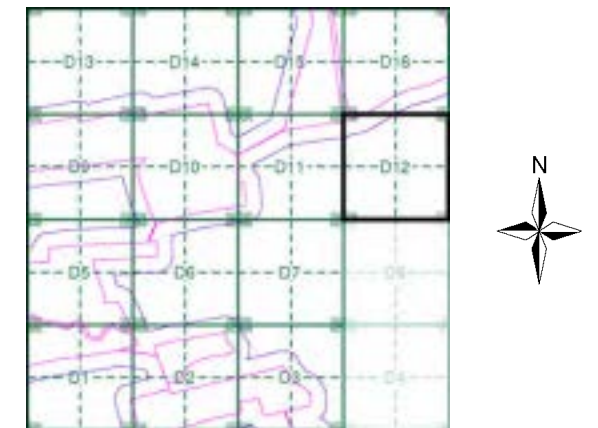
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment D12



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



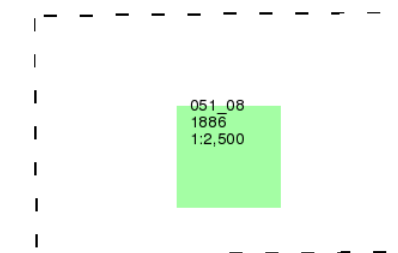
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

**Lincolnshire**  
**Published 1886**

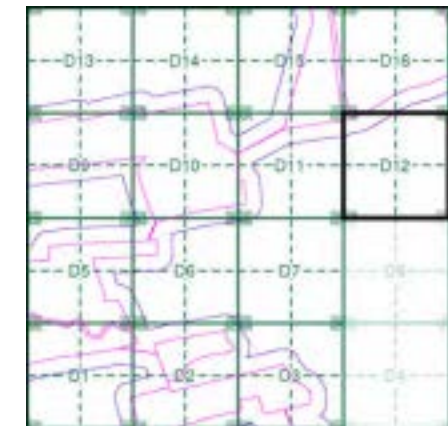
**Source map scale - 1:2,500**

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 D12**

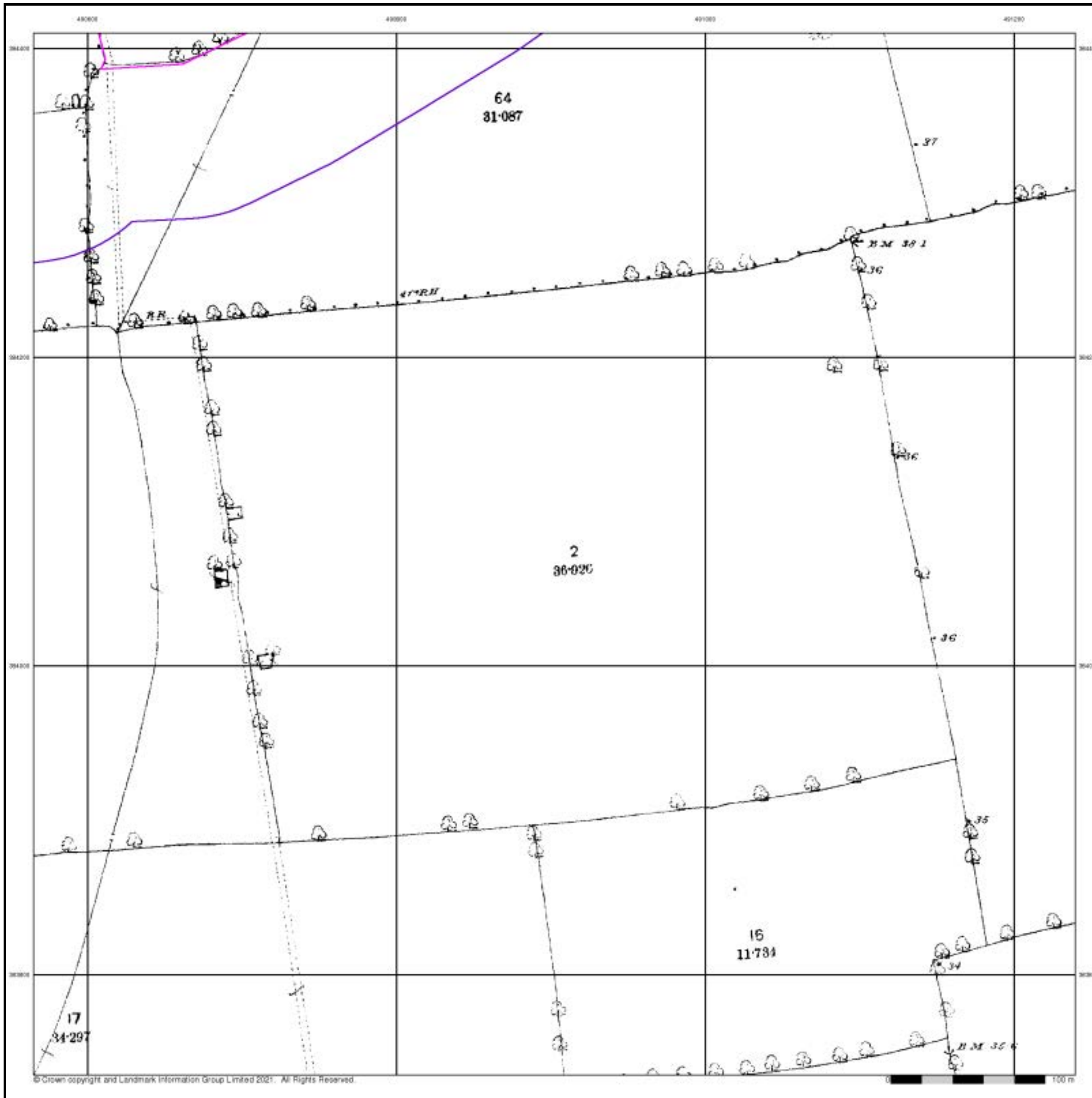


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



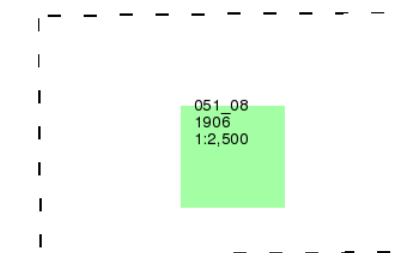
## Lincolnshire

Published 1906

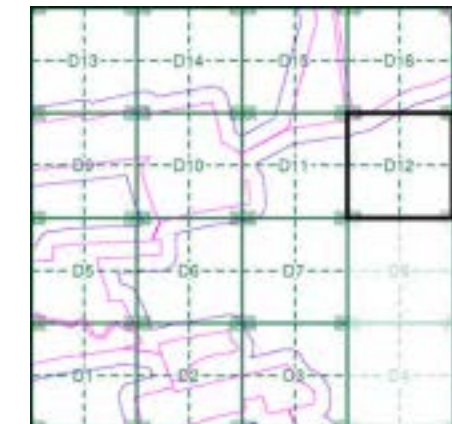
Source map scale - 1:2,500

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

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



### Historical Map - Segment D12

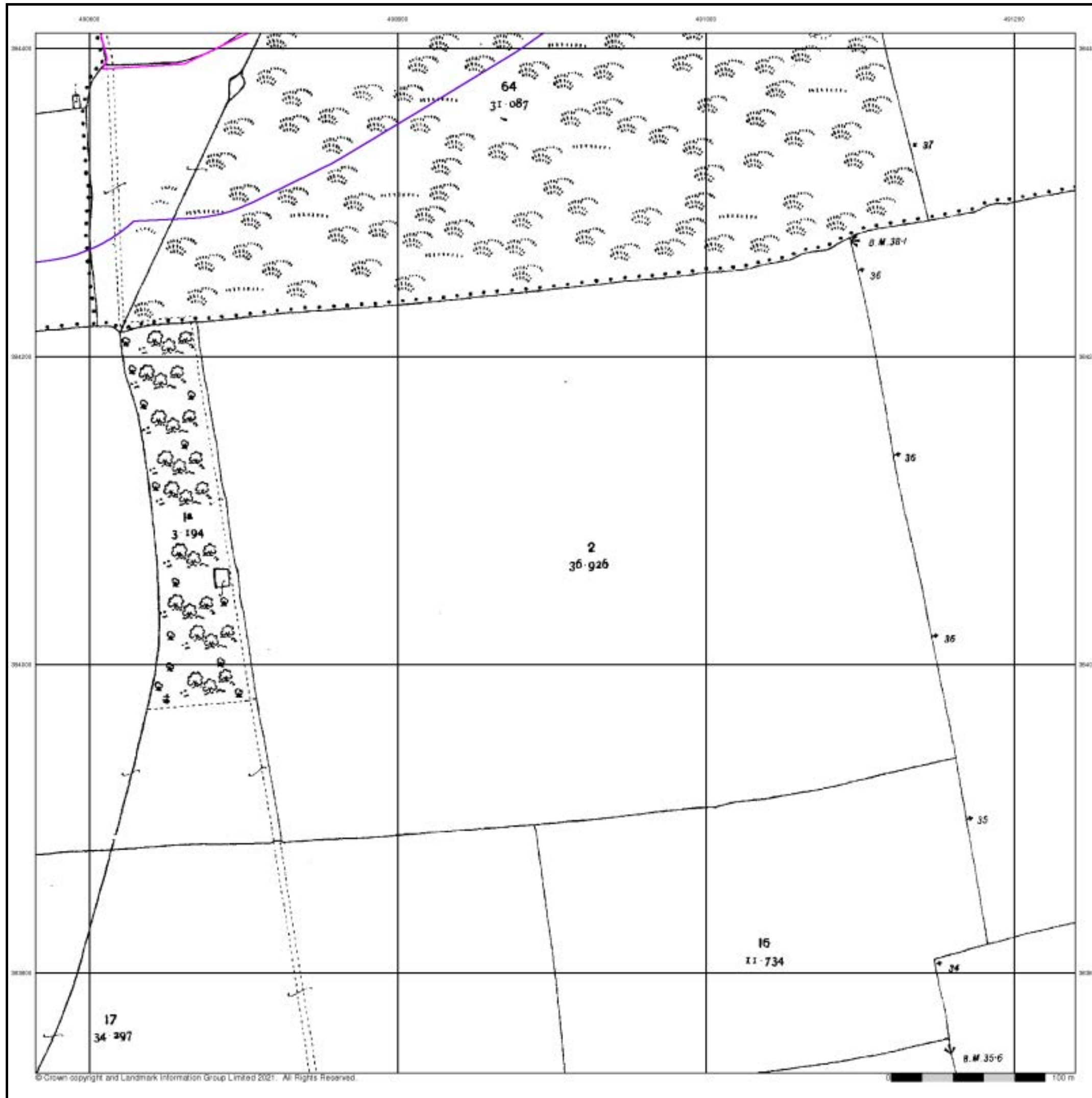


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Ordnance Survey Plan

Published 1974

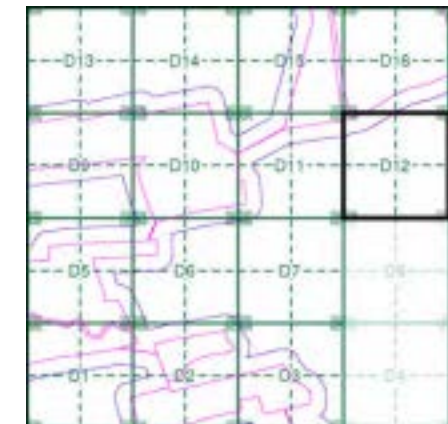
Source map scale - 1:2,500

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)

SK9084 1974 1:2,500	SK9184 1974 1:2,500
SK9083 1974 1:2,500	SK9183 1974 1:2,500

### Historical Map - Segment D12

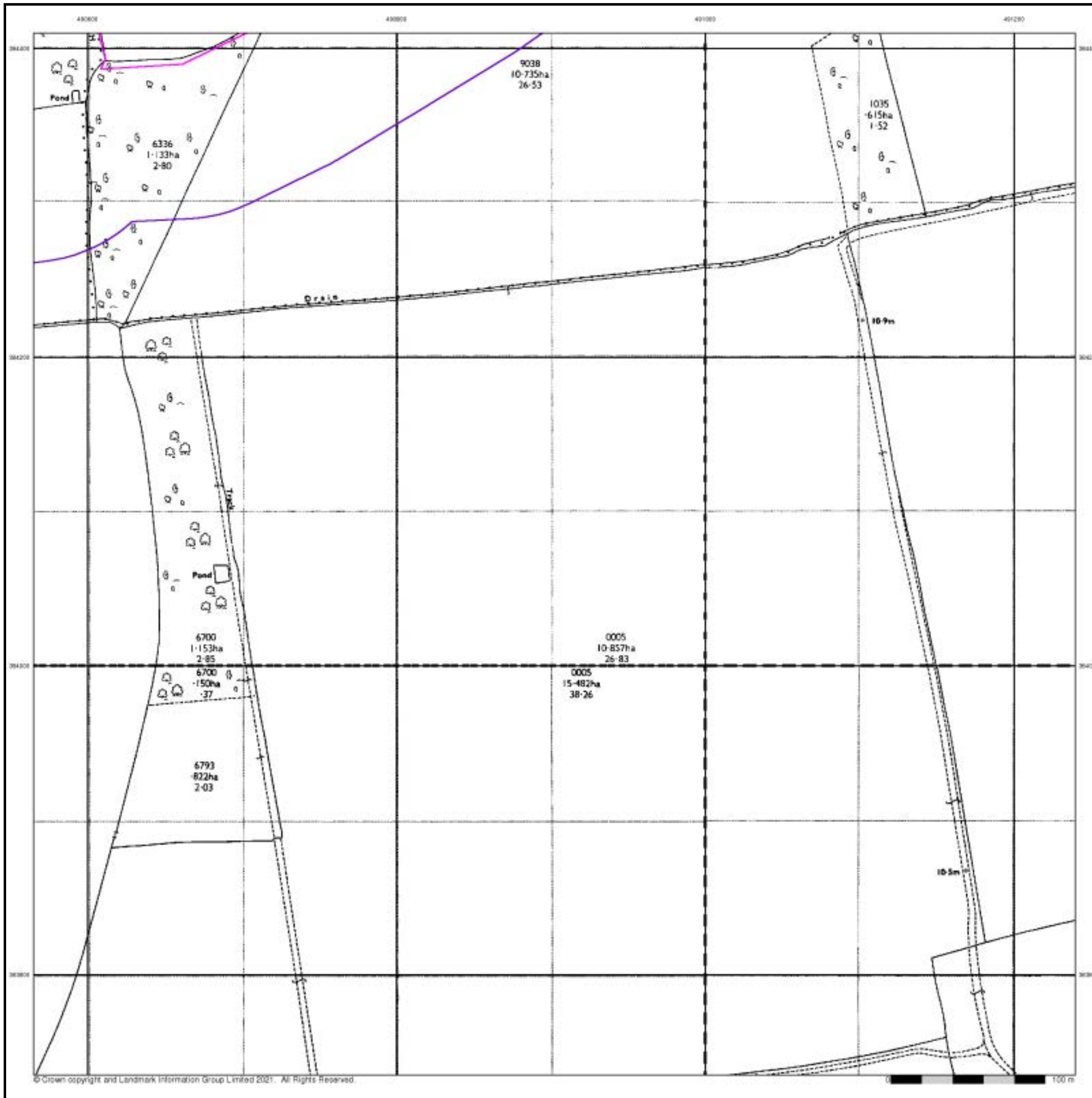


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

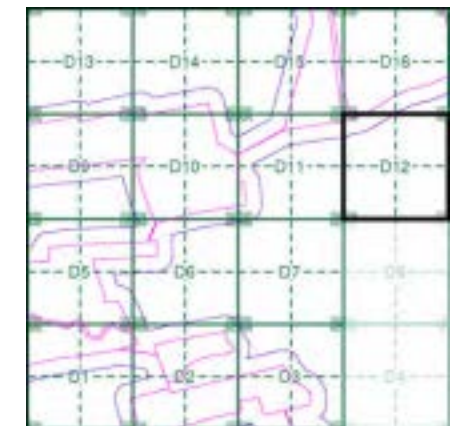
Source map scale - 1:2,500

'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)

SK9084	SK9184
1994	1994
12,500	12,500
SK9083	SK9183
1994	1994
12,500	12,500

### Historical Map - Segment D12

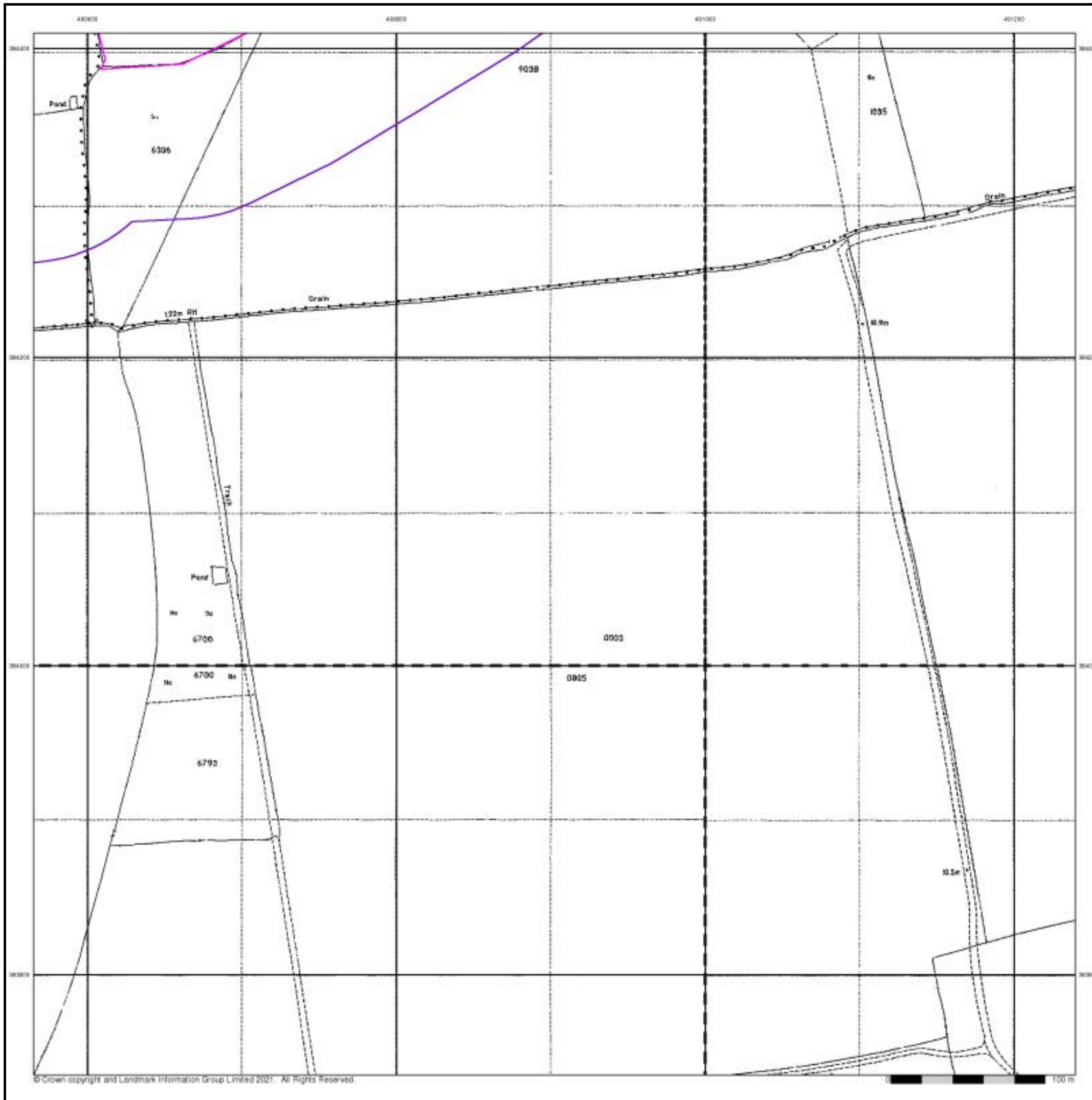


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

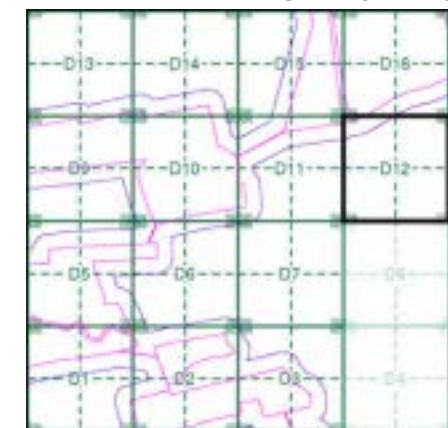




## Historical Aerial Photography Published 1999

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 D12

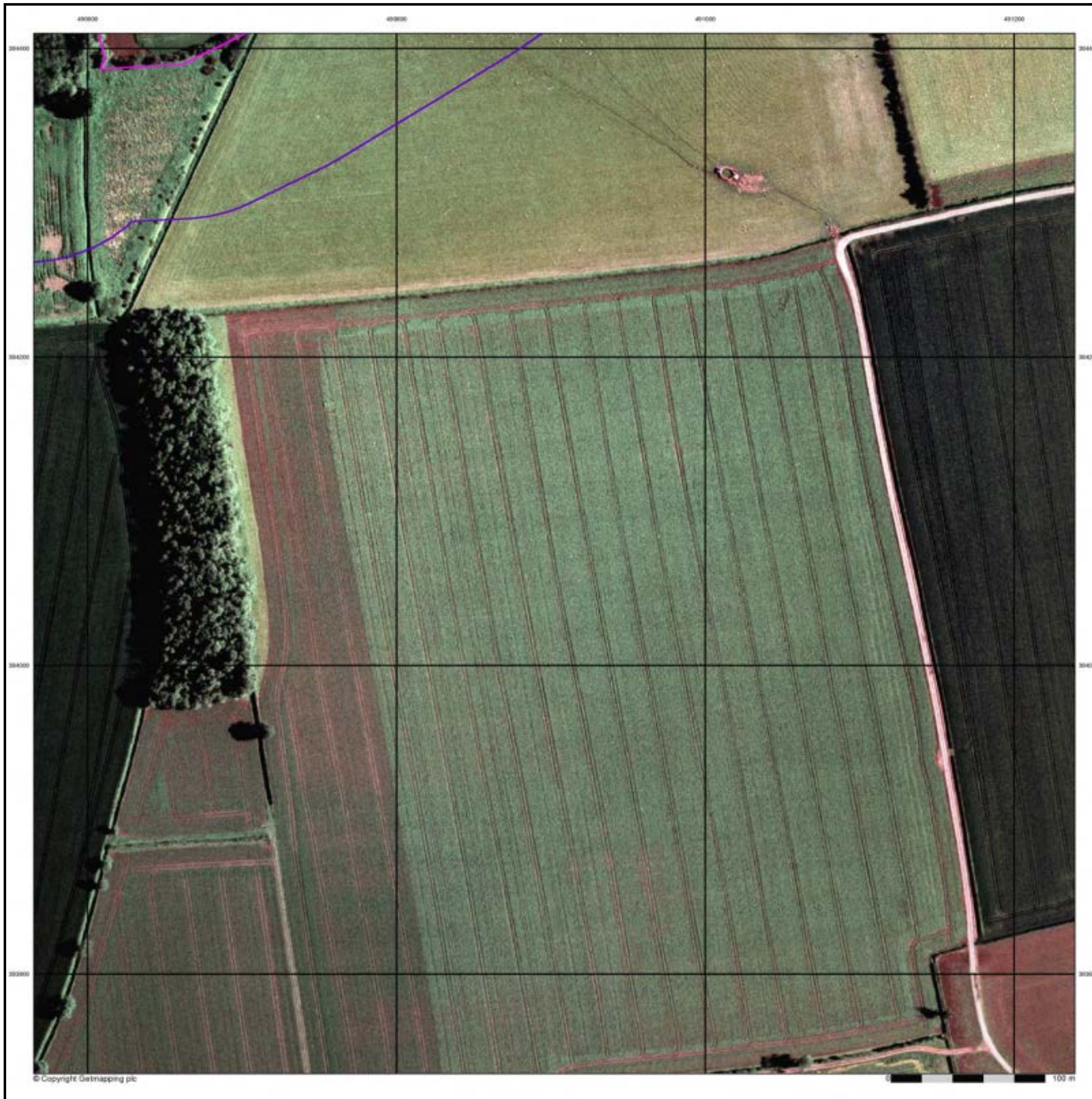


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# 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

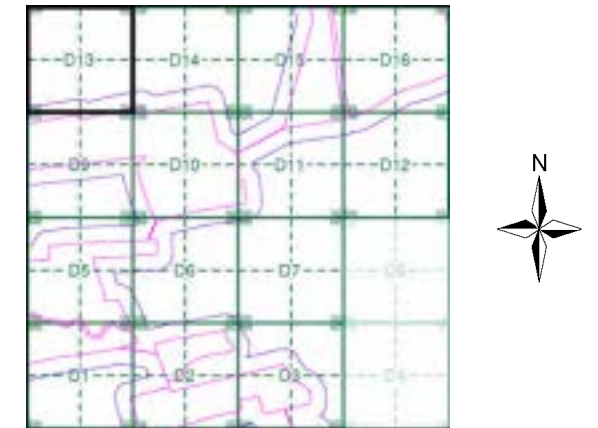
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1972 - 1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment D13



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

**Lincolnshire**  
**Published 1886**

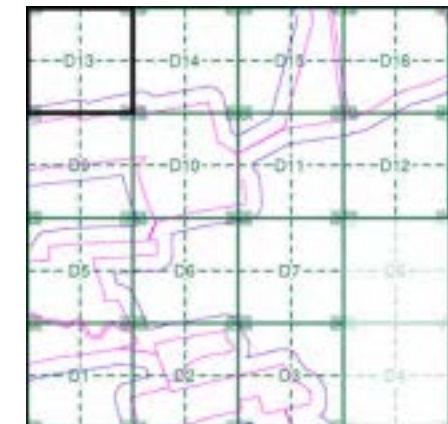
**Source map scale - 1:2,500**

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)**

051_03	1886	1:2,500
051_07	1886	1:2,500

**Historical Map - Segment D13**

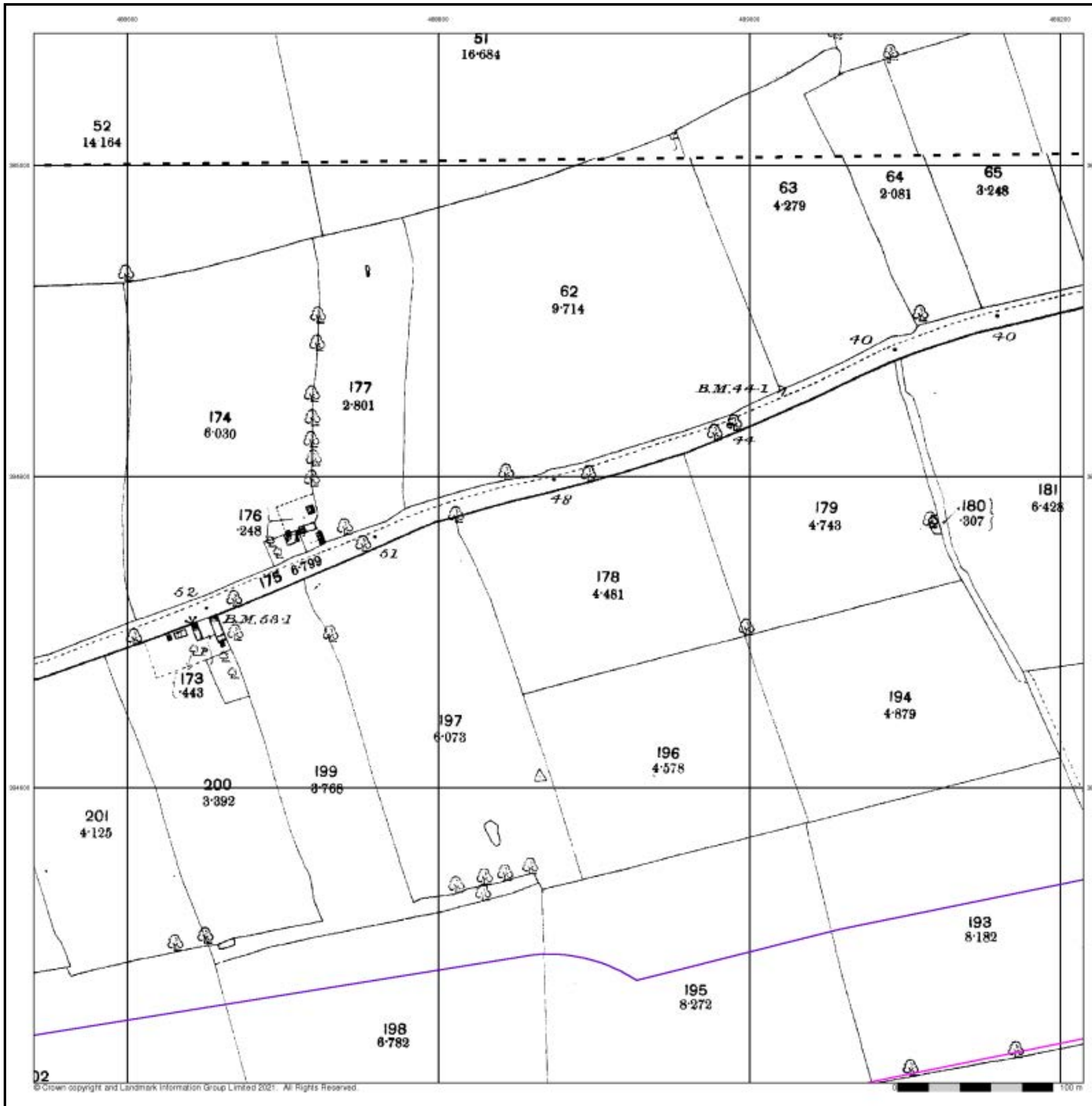


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



**Lincolnshire**  
**Published 1906**

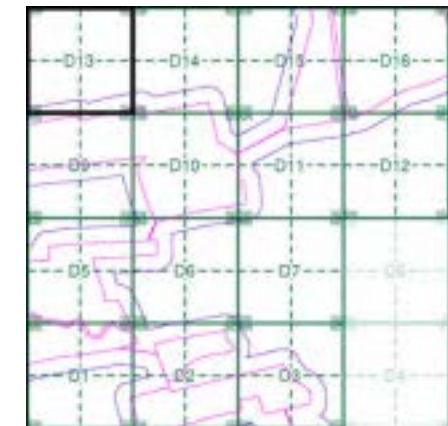
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**

051_03	1906	1:2,500
051_07	1906	1:2,500

**Historical Map - Segment D13**

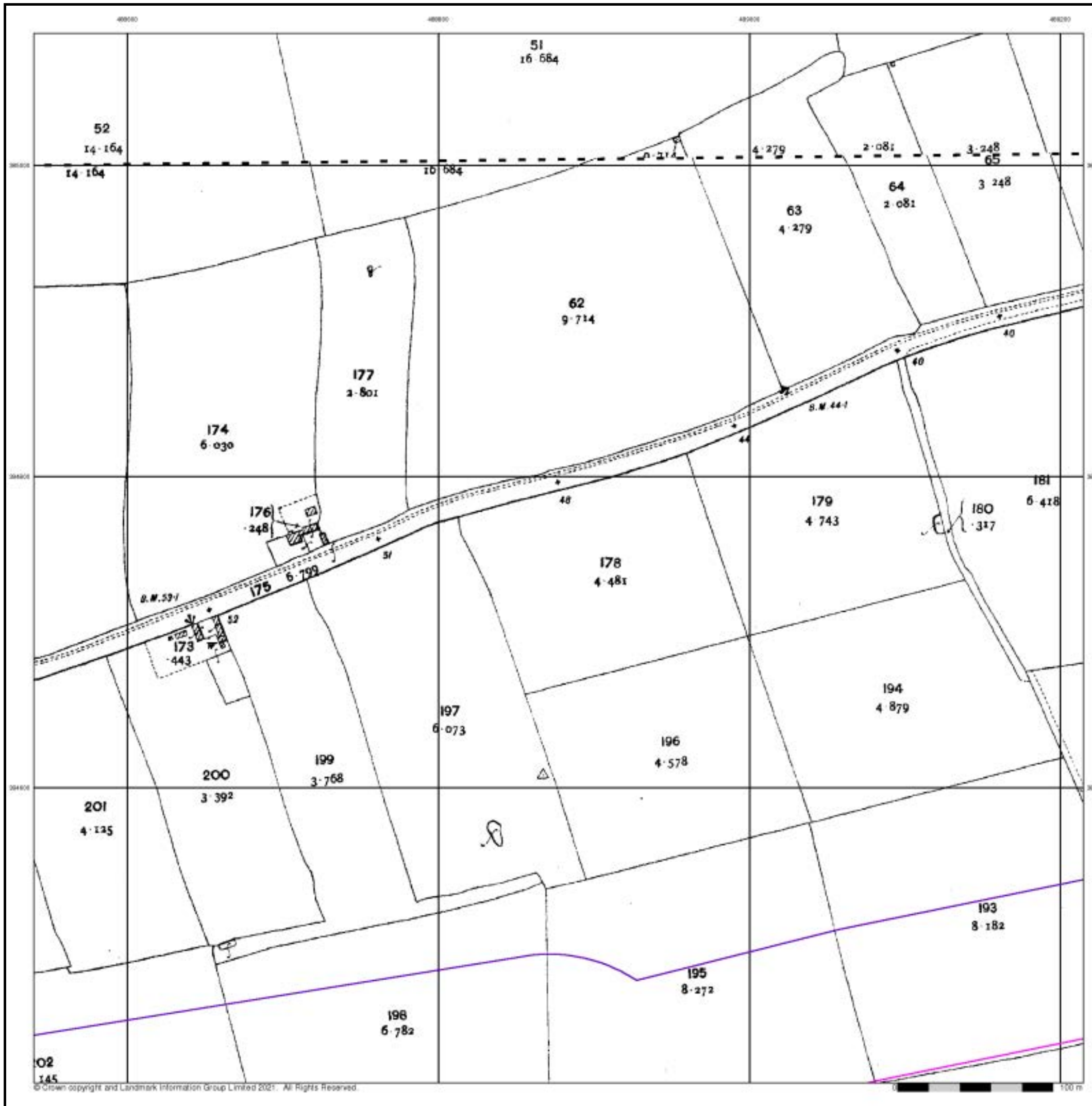


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



### Ordnance Survey Plan

Published 1972 - 1975

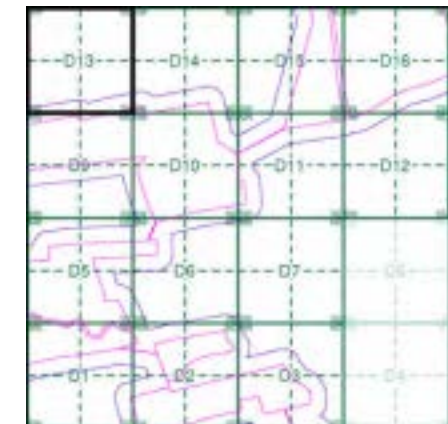
Source map scale - 1:2,500

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)

SK8885 1972 1:2,500	SK8985 1972 1:2,500
SK8884 1975 1:2,500	SK8984 1975 1:2,500

### Historical Map - Segment D13

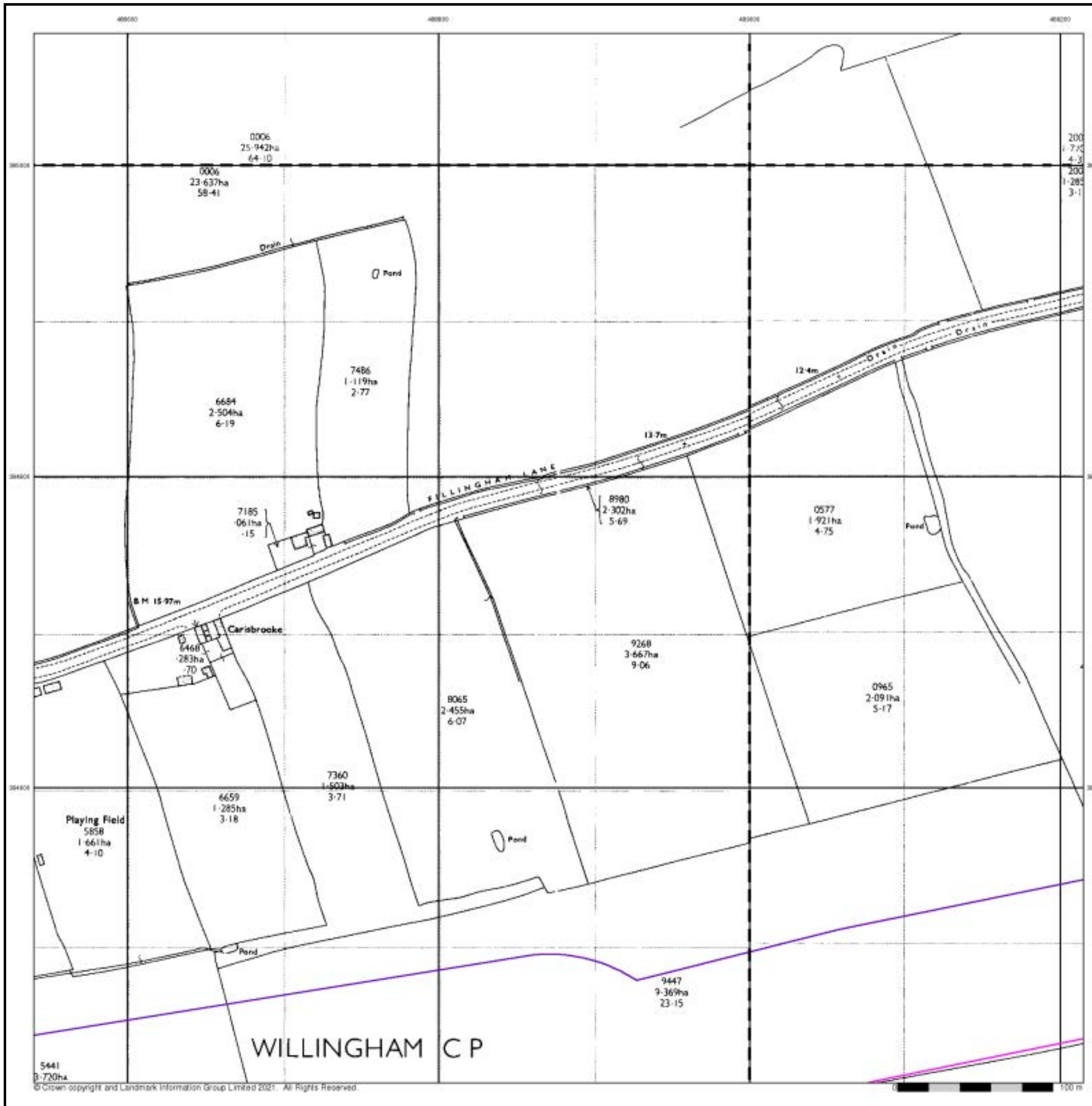


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

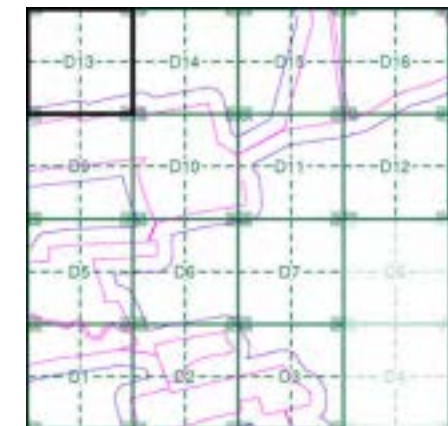
Source map scale - 1:2,500

'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)

SK8885	SK8985
1994	1994
12,500	12,500
SK8884	SK8984
1994	1994
12,500	12,500

### Historical Map - Segment D13



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

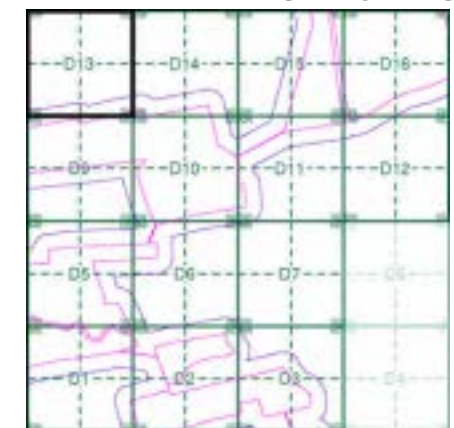
Cottam 1



## 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 D13



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# Historical Mapping Legends

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

**Quarry**   **Gravel Pit**   **Sand Pit**  
**Clay Pit**   **Shingle**   **Refuse Heap**  
**Sloping Masonry**   **Flat Rock**  
**Marsh**   **Reeds**   **Osiers**  
**Rough Pasture**   **Furze**   **Wood**  
**Mixed Wood**   **Brushwood**   **Orchard**  
**Fir**   **Ford**   **Stepping Stones**  
**Ferry**   **Waterfall**   **Lock**  
**Trig. Station**   **Altitude at Trig. Station**  
**B.M. 325.9**   **Bench Mark**   **Surface Level**  
**Arrow denotes flow of water**   **Antiquities (site of)**  
**Cutting**   **Embankment**  
**Railway crossing Road**   **Level Crossing**   **Road crossing Railway**  
**Railway crossing River or Canal**   **Road over single stream**   **Road over River or Canal**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Administrative County & Civil Parish Boundary**  
**County Borough Boundary (England)**  
**County Burgh Boundary (Scotland)**  
**Boundary Post or Stone**   **Police Call Box**  
**B.R. Bridle Road**   **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

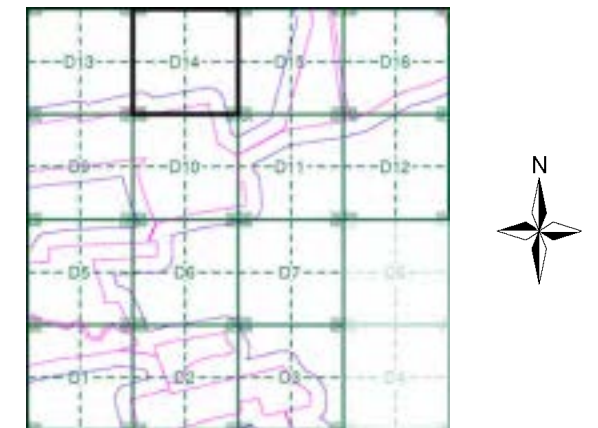
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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**  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1972 - 1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment D14



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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



## Lincolnshire

Published 1886

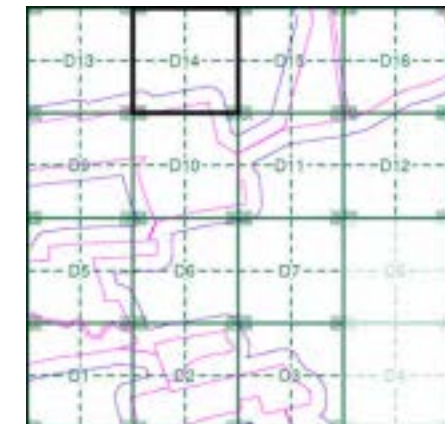
Source map scale - 1:2,500

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)

051_03 1886 1:2,500	051_04 1886 1:2,500
051_07 1886 1:2,500	051_08 1886 1:2,500

### Historical Map - Segment D14

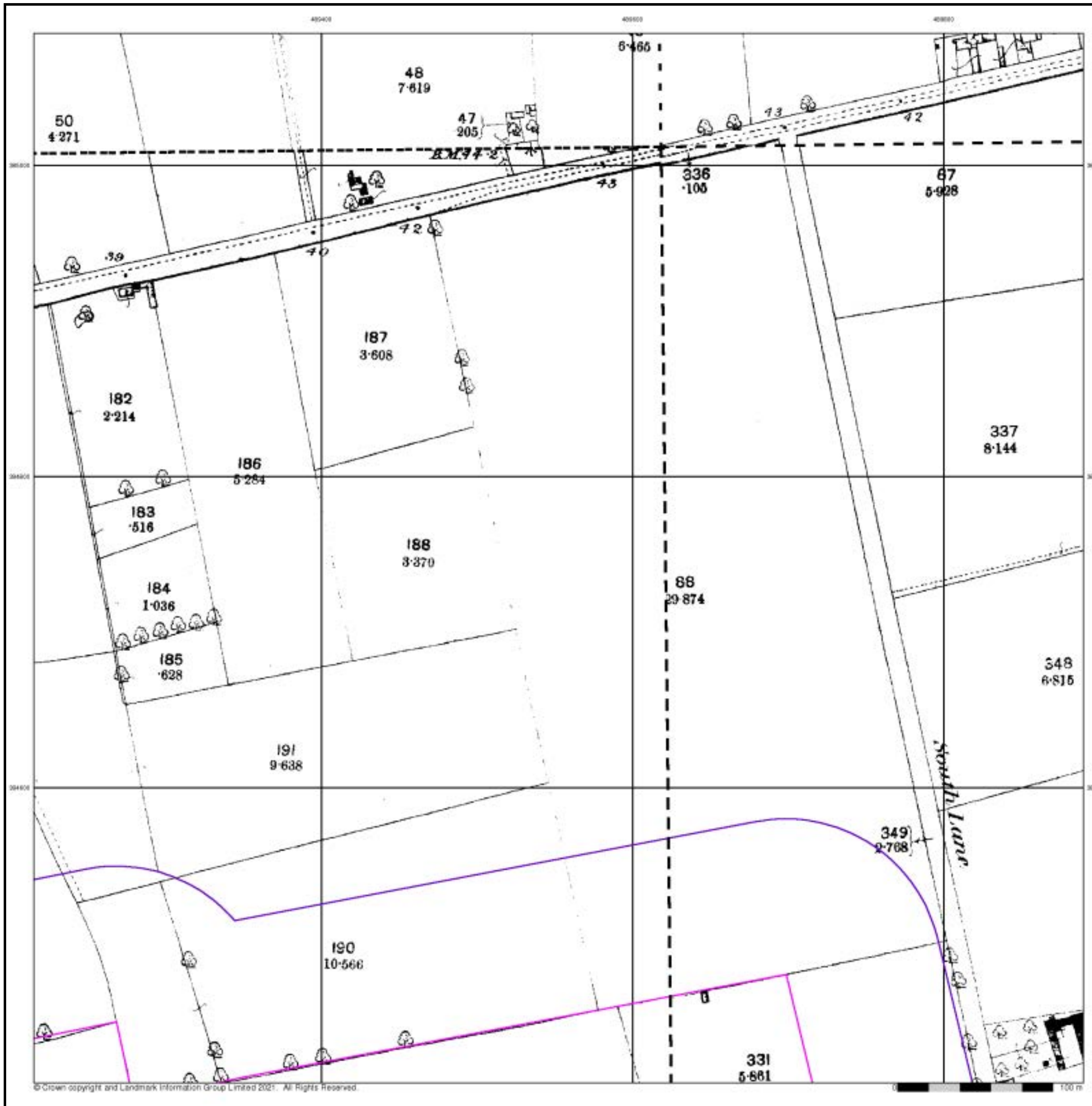


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Lincolnshire

Published 1906

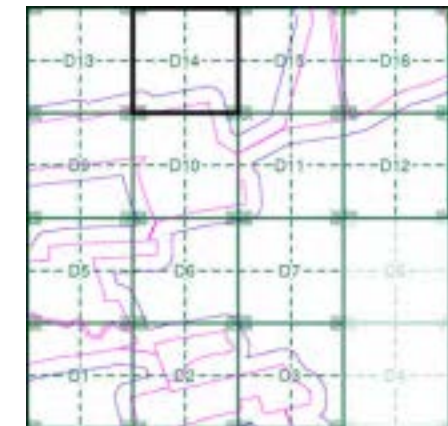
Source map scale - 1:2,500

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

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

051_03 1906 1:2,500	051_04 1906 1:2,500
051_07 1906 1:2,500	051_08 1906 1:2,500

### Historical Map - Segment D14

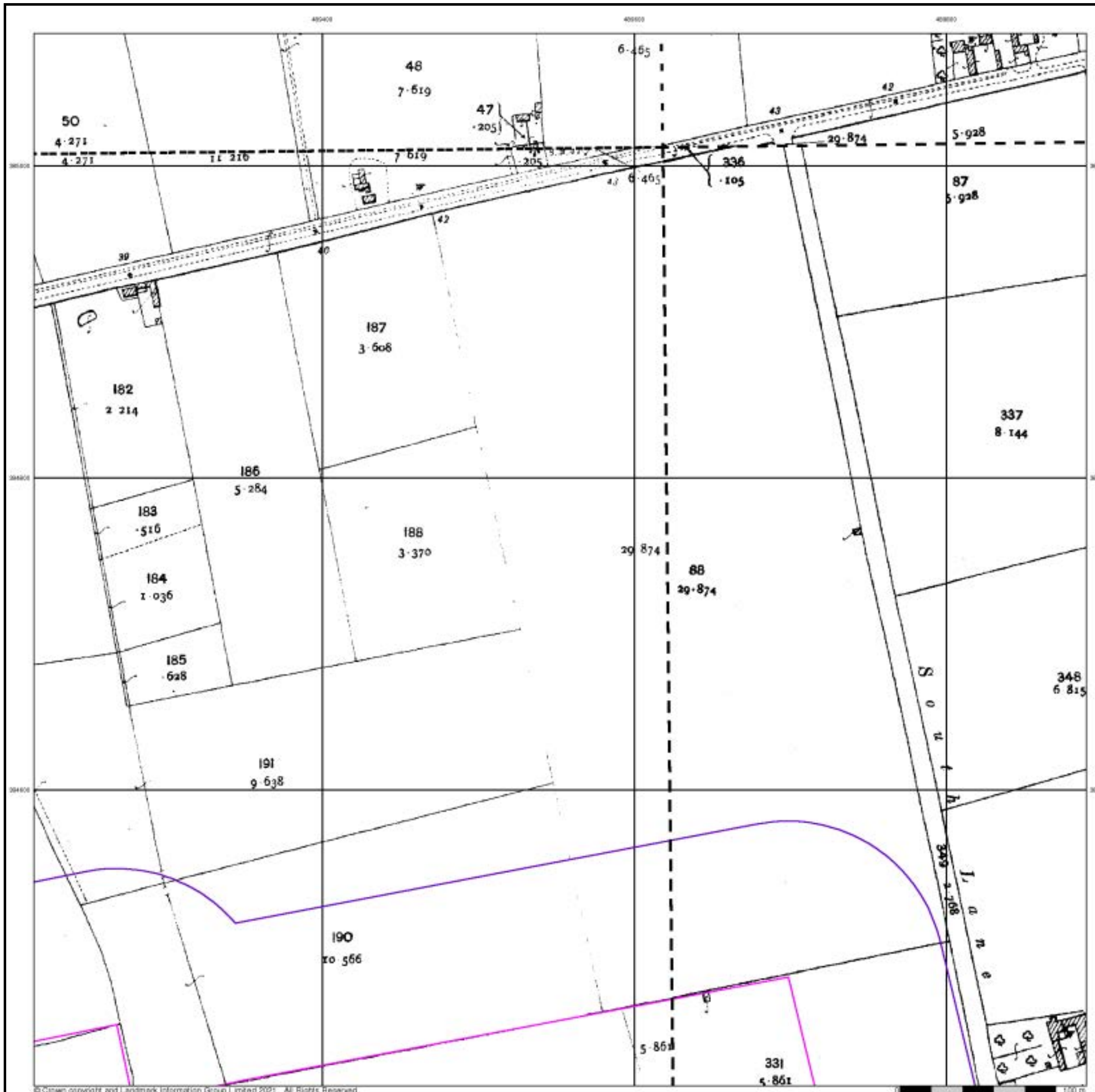


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



### Ordnance Survey Plan

Published 1972 - 1975

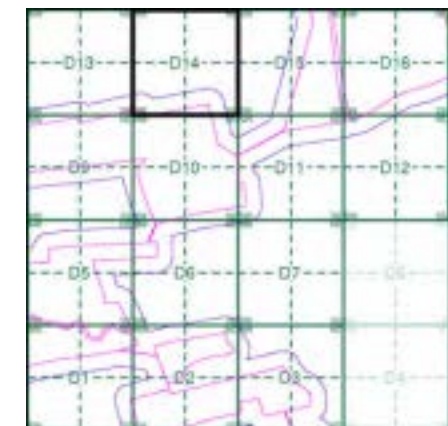
Source map scale - 1:2,500

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)

SK8985	1972	1:2,500
SK8984	1975	1:2,500

### Historical Map - Segment D14

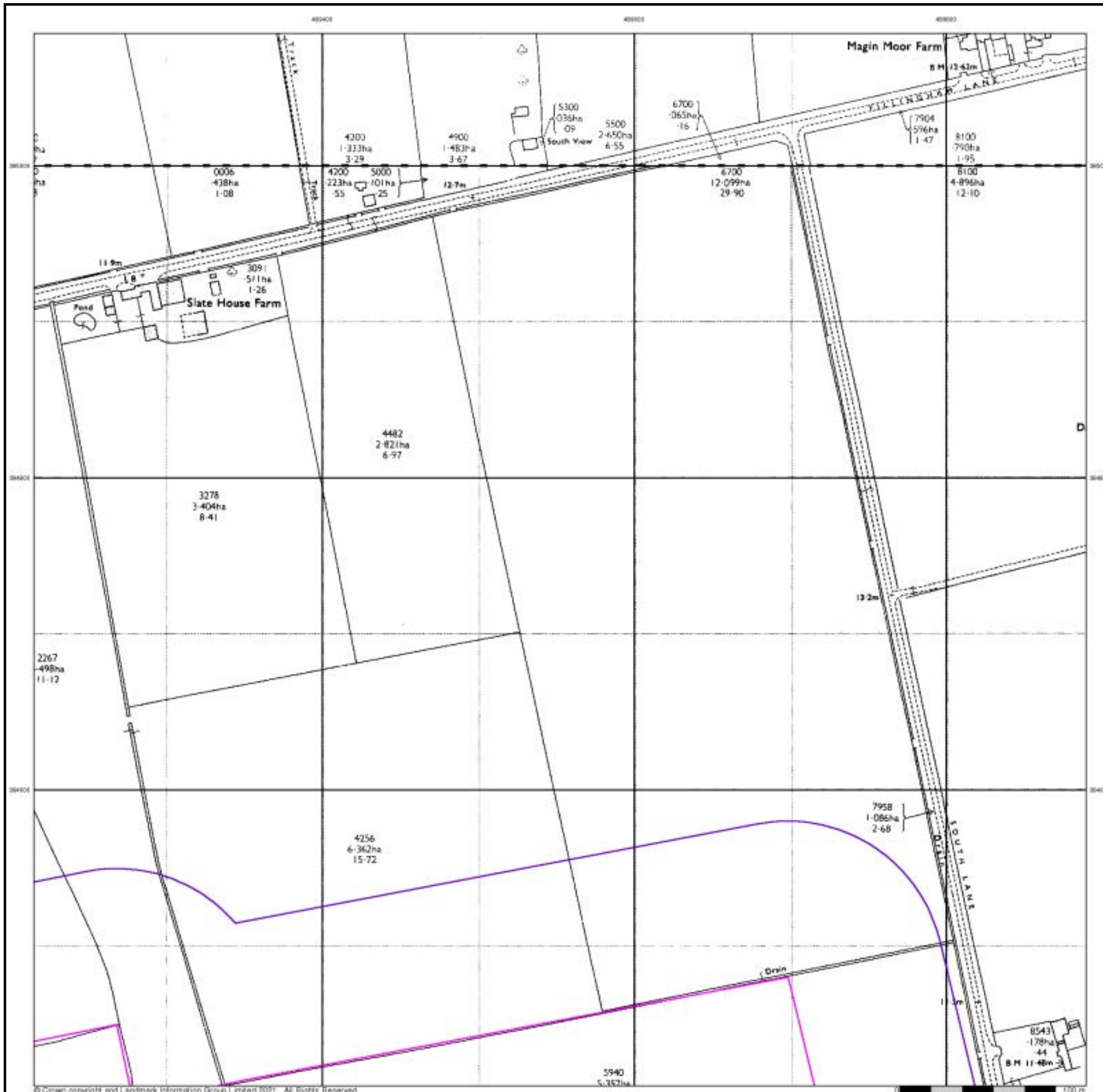


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

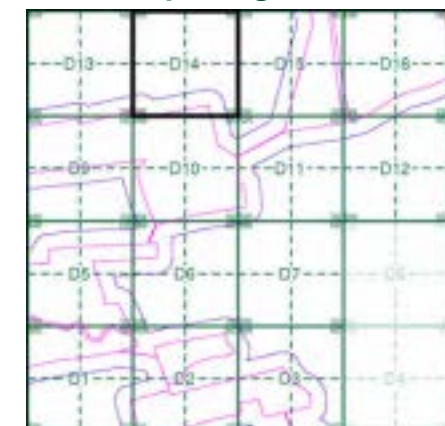
Source map scale - 1:2,500

'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)

SK8985	1994	1:2,500
SK8984	1994	1:2,500

### Historical Map - Segment D14

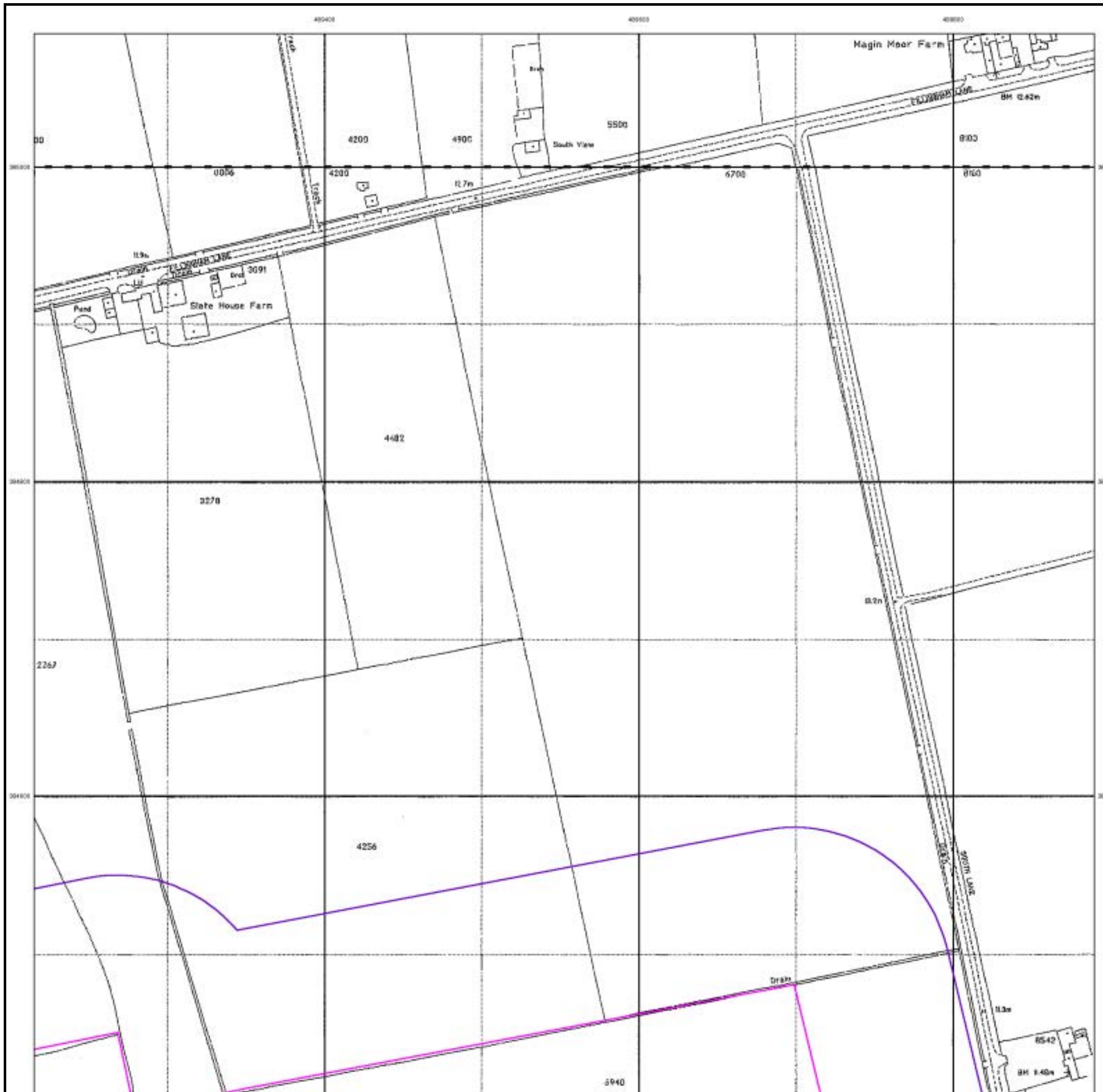


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

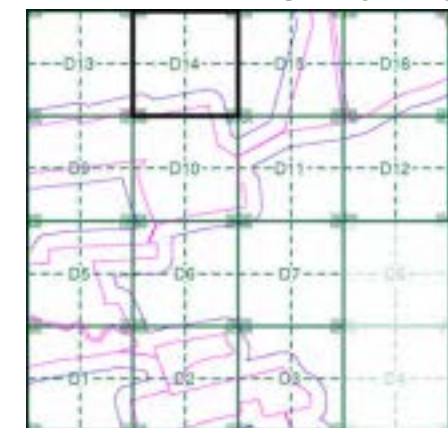
Cottam 1



## 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 D14

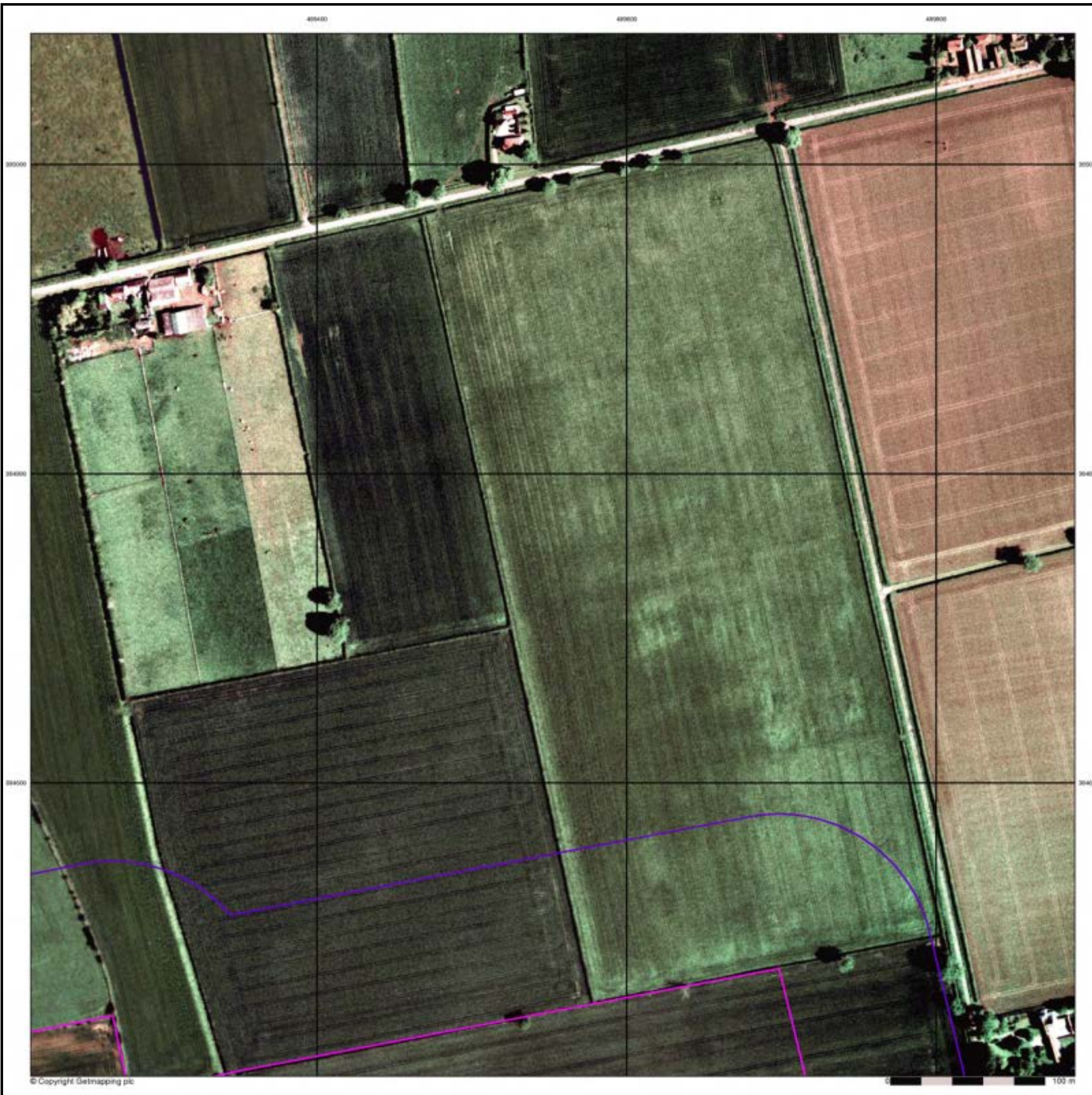


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# Historical Mapping Legends

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

**Quarry**   **Gravel Pit**   **Sand Pit**  
**Clay Pit**   **Shingle**   **Refuse Heap**  
**Sloping Masonry**   **Flat Rock**  
**Marsh**   **Reeds**   **Osiers**  
**Rough Pasture**   **Furze**   **Wood**  
**Mixed Wood**   **Brushwood**   **Orchard**  
**Fir**   **Ford**   **Stepping Stones**  
**Ferry**   **Waterfall**   **Lock**  
**Trig. Station**   **Altitude at Trig. Station**  
**B.M. 325.9**   **Bench Mark**   **Surface Level**  
**Arrow denotes flow of water**   **Antiquities (site of)**  
**Cutting**   **Embankment**  
**Railway crossing Road**   **Level Crossing**   **Road crossing Railway**  
**Railway crossing River or Canal**   **Road over single stream**   **Road over River or Canal**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Administrative County & Civil Parish Boundary**  
**County Borough Boundary (England)**  
**County Burgh Boundary (Scotland)**  
**Boundary Post or Stone**   **Police Call Box**  
**B.R. Bridle Road**   **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

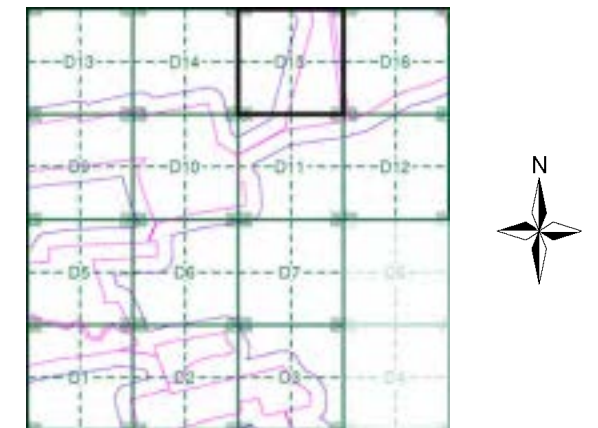
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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**  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1972 - 1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment D15



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

**Lincolnshire**  
**Published 1886**

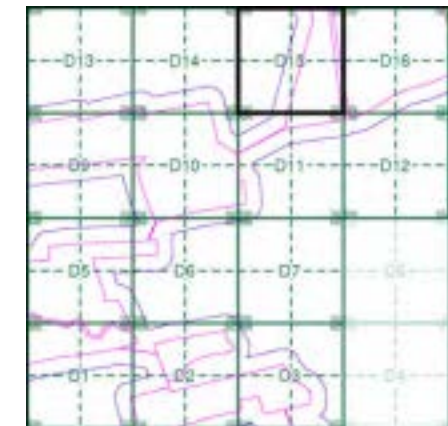
**Source map scale - 1:2,500**

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)**

051_04	1886	1:2,500
051_08	1886	1:2,500

**Historical Map - Segment D15**

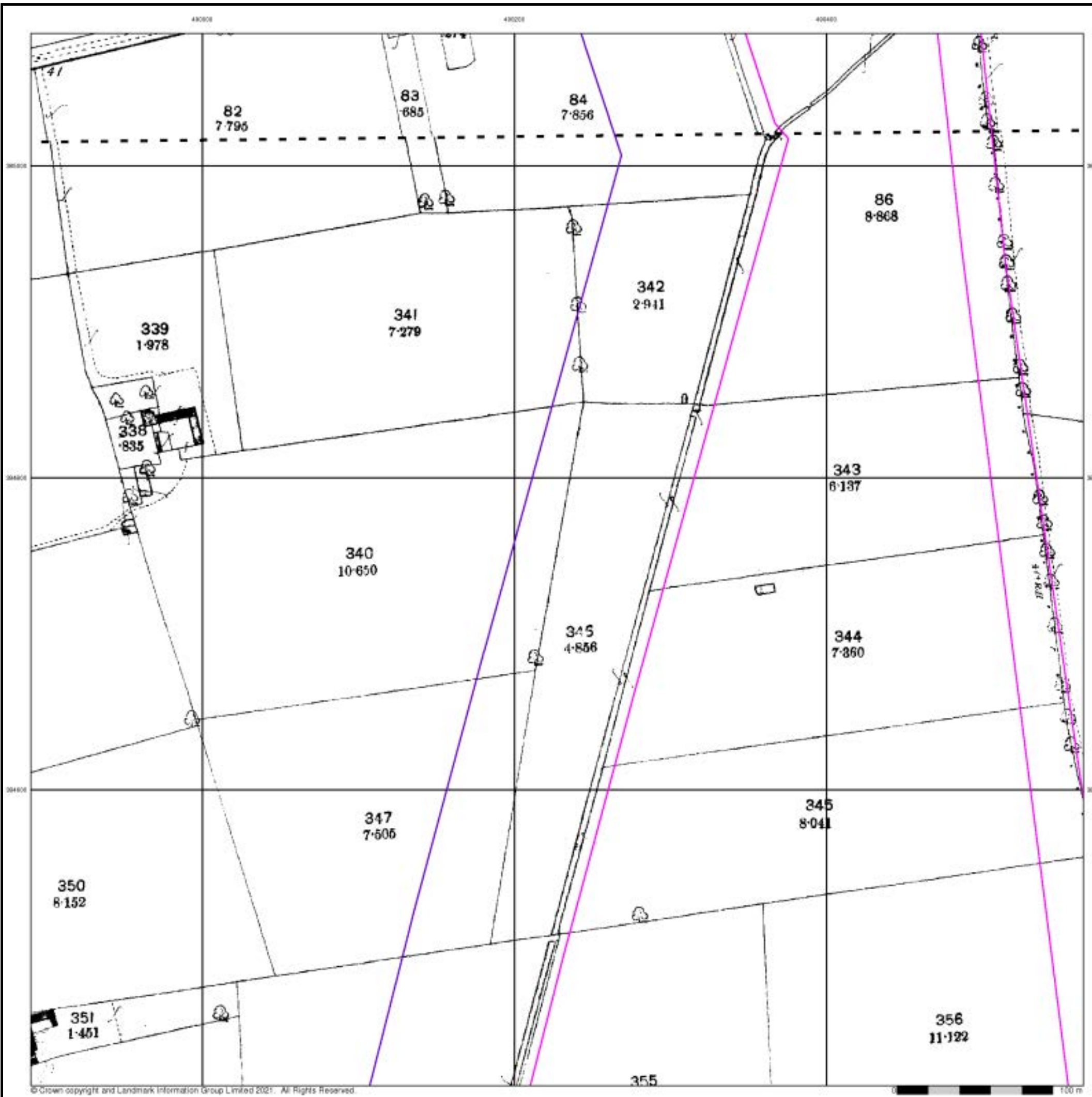


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



Lincolnshire

Published 1906

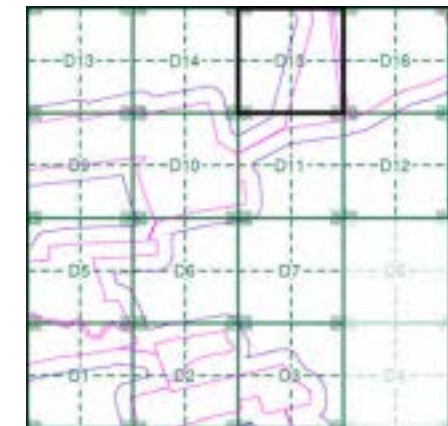
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

051_04	1906	1:2,500
051_08	1906	1:2,500

Historical Map - Segment D15



Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

Site Details

Cottam 1





## Ordnance Survey Plan

Published 1972 - 1975

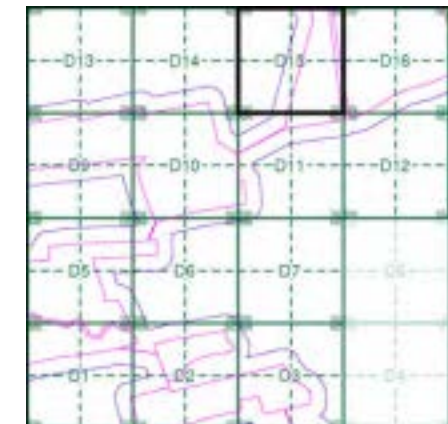
Source map scale - 1:2,500

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)

SK8985 1972 12,500	SK9085 1974 12,500
SK8984 1975 12,500	SK9084 1974 12,500

### Historical Map - Segment D15

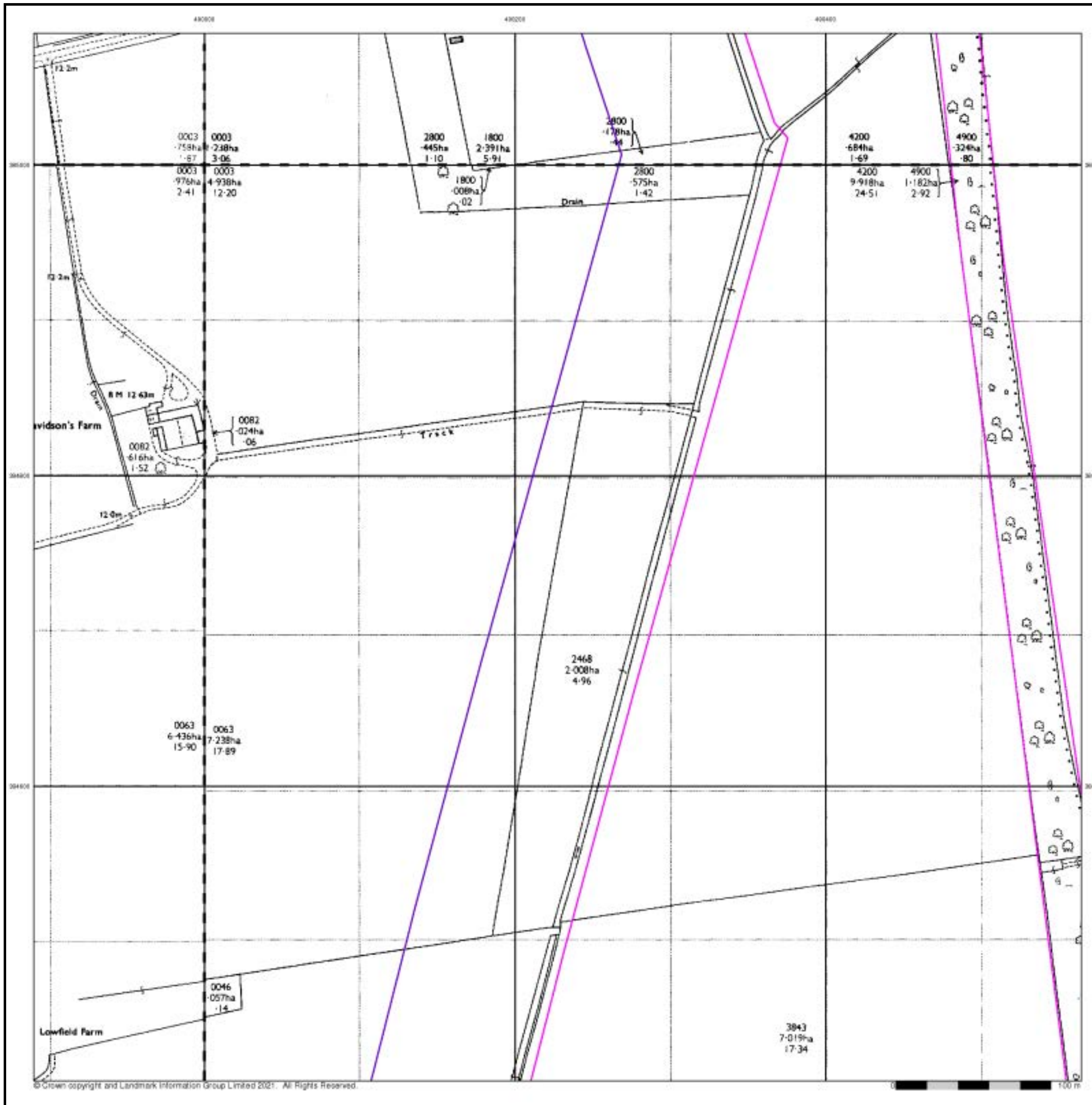


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

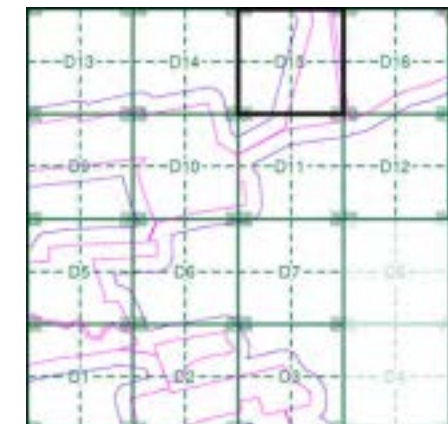
Source map scale - 1:2,500

'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)

SK8985 1994 1:2,500	SK9085 1994 1:2,500
SK8984 1994 1:2,500	SK9084 1994 1:2,500

### Historical Map - Segment D15

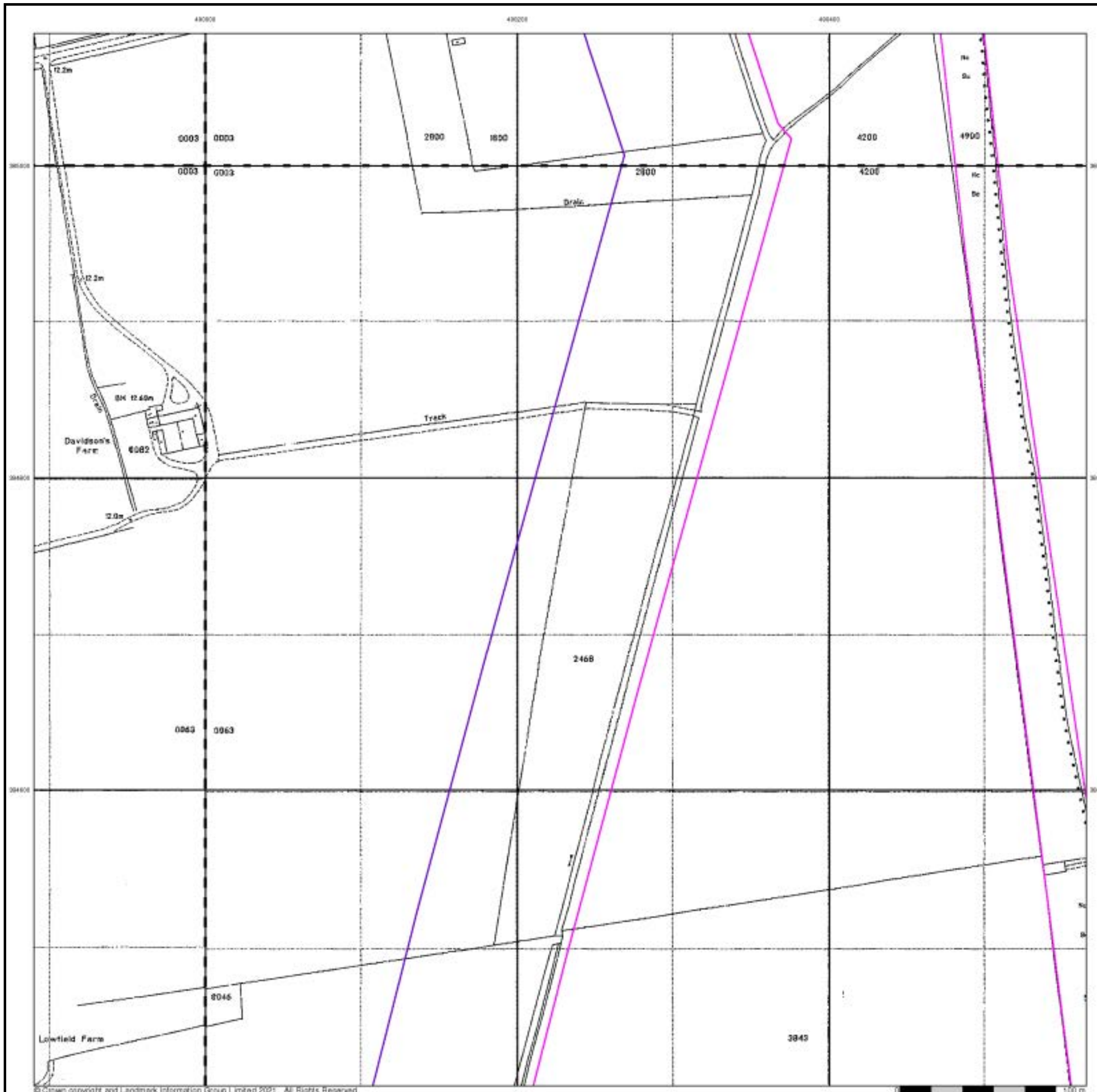


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

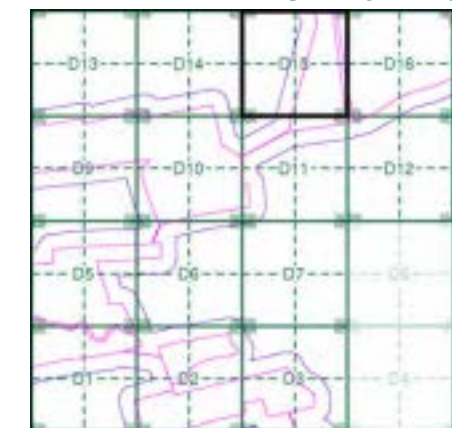
Cottam 1



## 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 D15

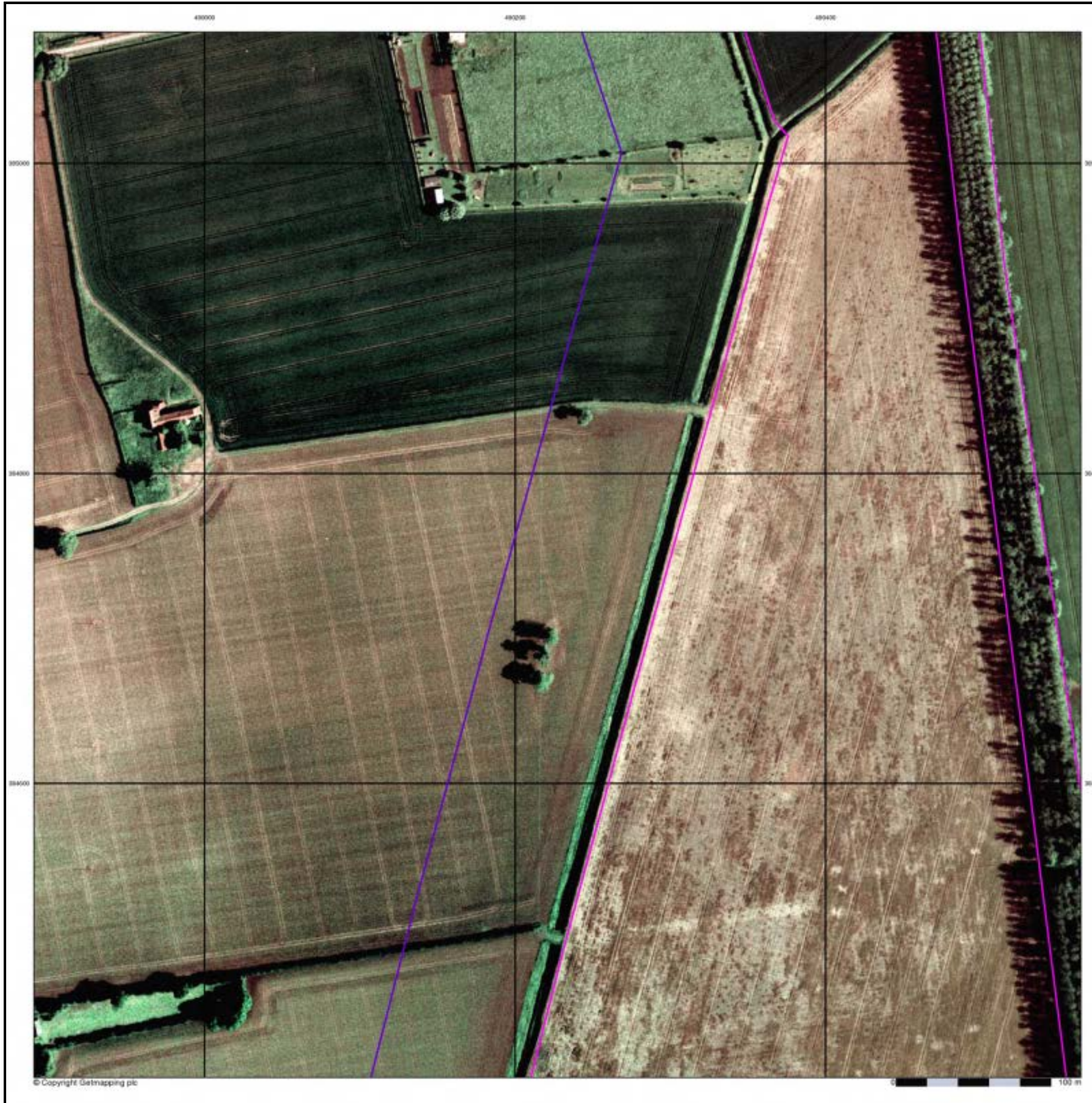


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# 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

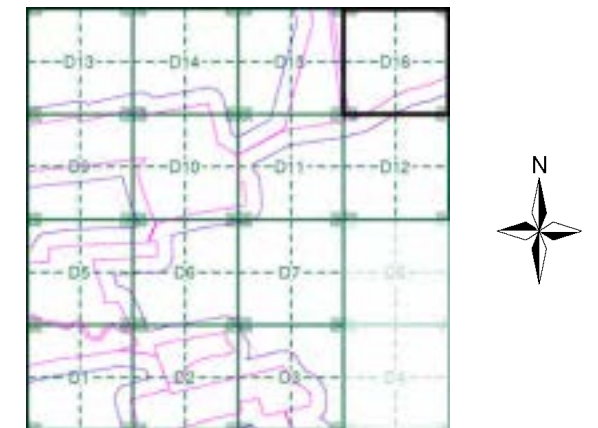
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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**  
**BM 231.60m** Bench Mark   **Buildings with Building Seed**  
**Roofed Building**   **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks** Barracks   **P** Pillar, Pole or Post  
**Bty** Battery   **PO** Post Office  
**Cemy** Cemetery   **PC** Public Convenience  
**Chy** Chimney   **Pp** Pump  
**Cis** Cistern   **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway   **PW** Place of Worship  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment D16



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

**Lincolnshire**

**Published 1886**

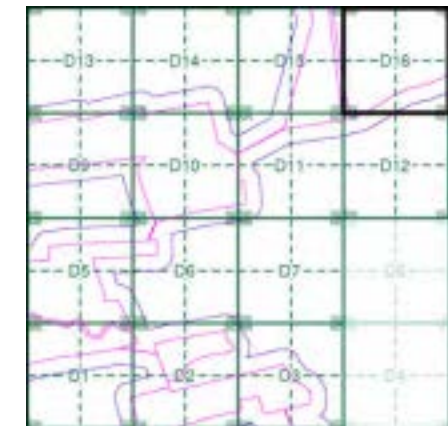
**Source map scale - 1:2,500**

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)**

051_04
1886
1:2,500
051_08
1886
1:2,500

**Historical Map - Segment D16**

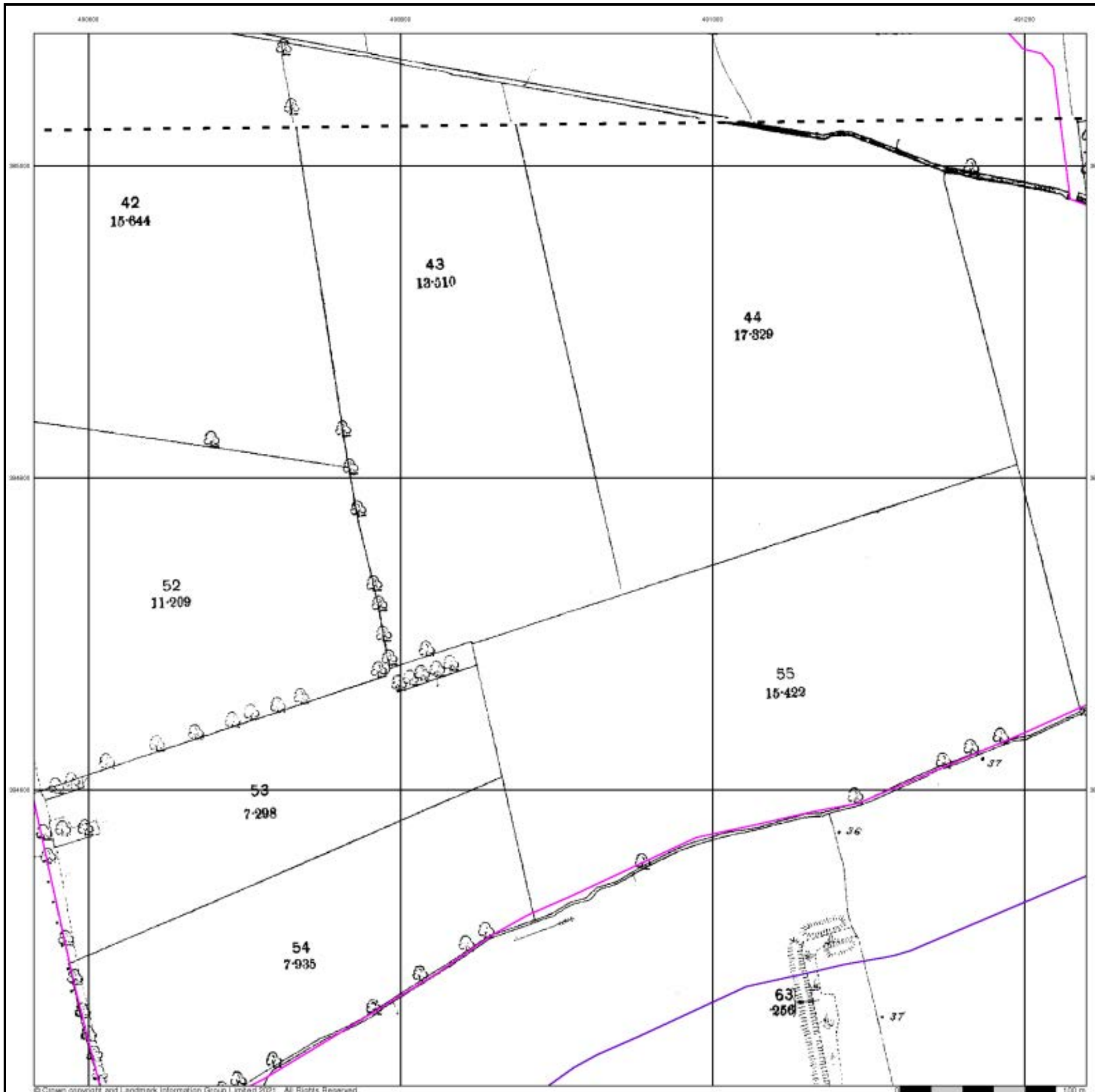


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Lincolnshire

Published 1906

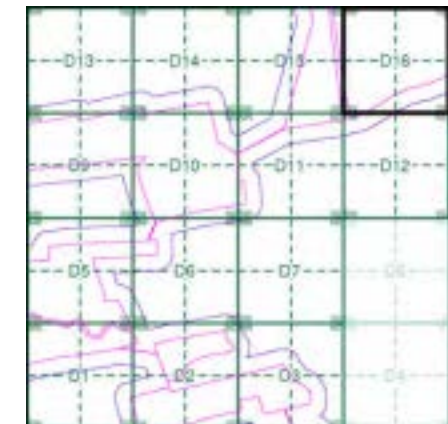
Source map scale - 1:2,500

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

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

051_04
1906
1:2,500
051_08
1906
1:2,500

### Historical Map - Segment D16

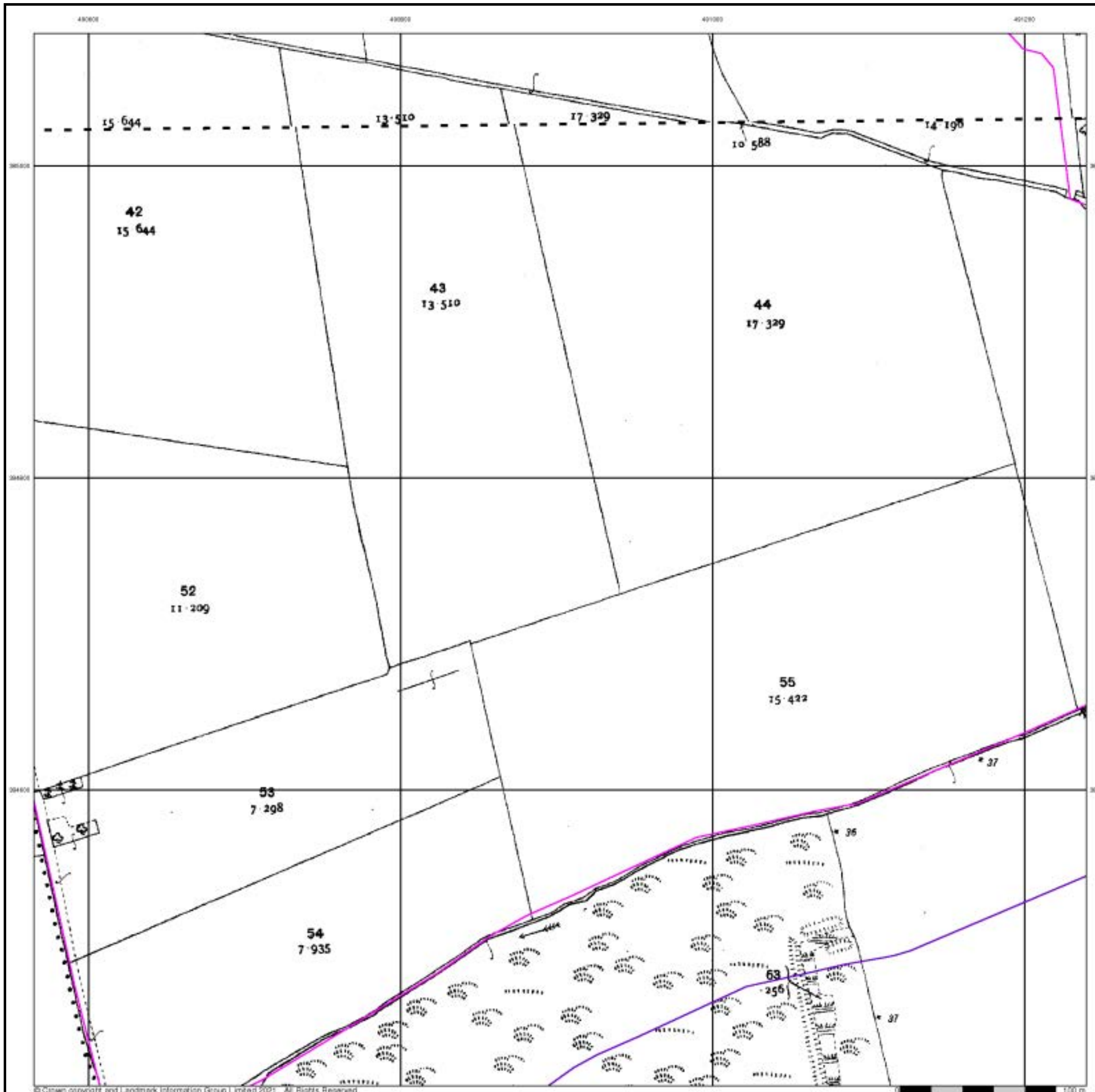


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Ordnance Survey Plan

Published 1974

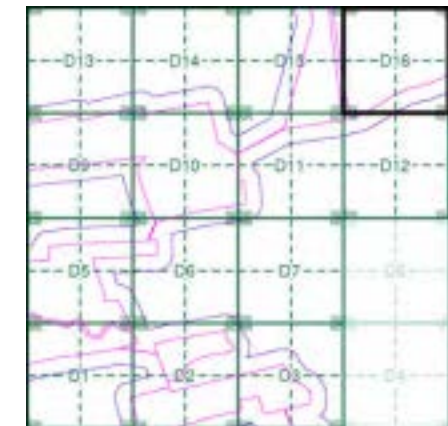
Source map scale - 1:2,500

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)

SK9085 1974 12,500	SK9185 1974 12,500
SK9084 1974 12,500	SK9184 1974 12,500

### Historical Map - Segment D16

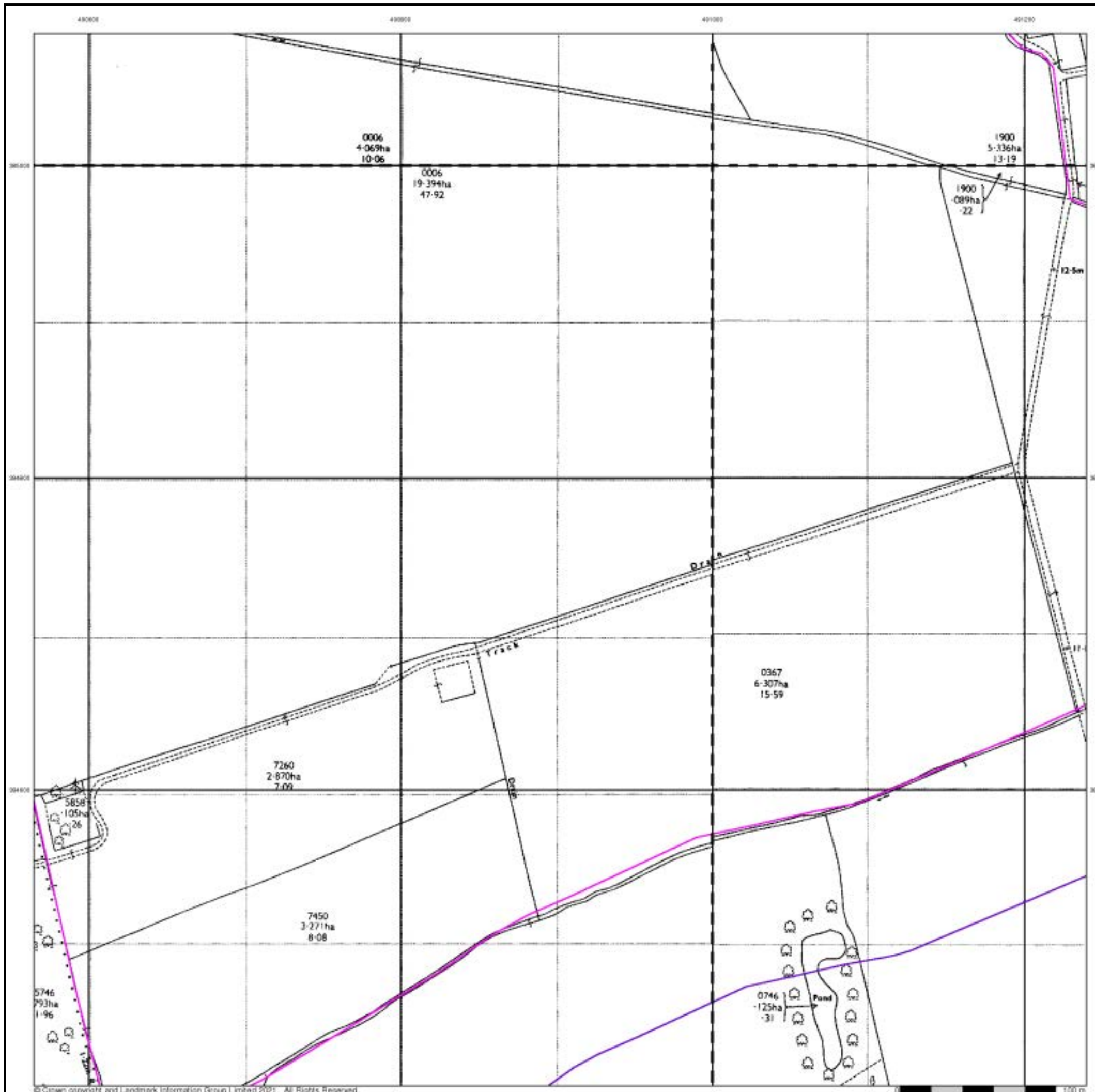


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

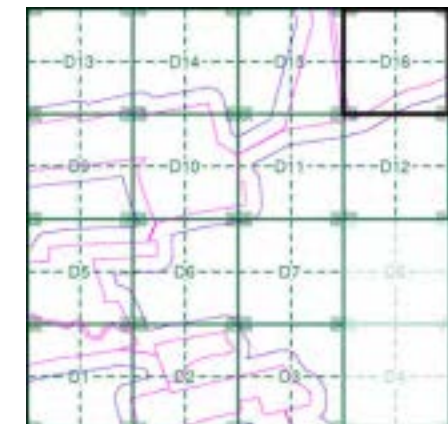
Source map scale - 1:2,500

'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)

SK9085 1994 1:2,500	SK9185 1994 1:2,500
SK9084 1994 1:2,500	SK9184 1994 1:2,500

### Historical Map - Segment D16

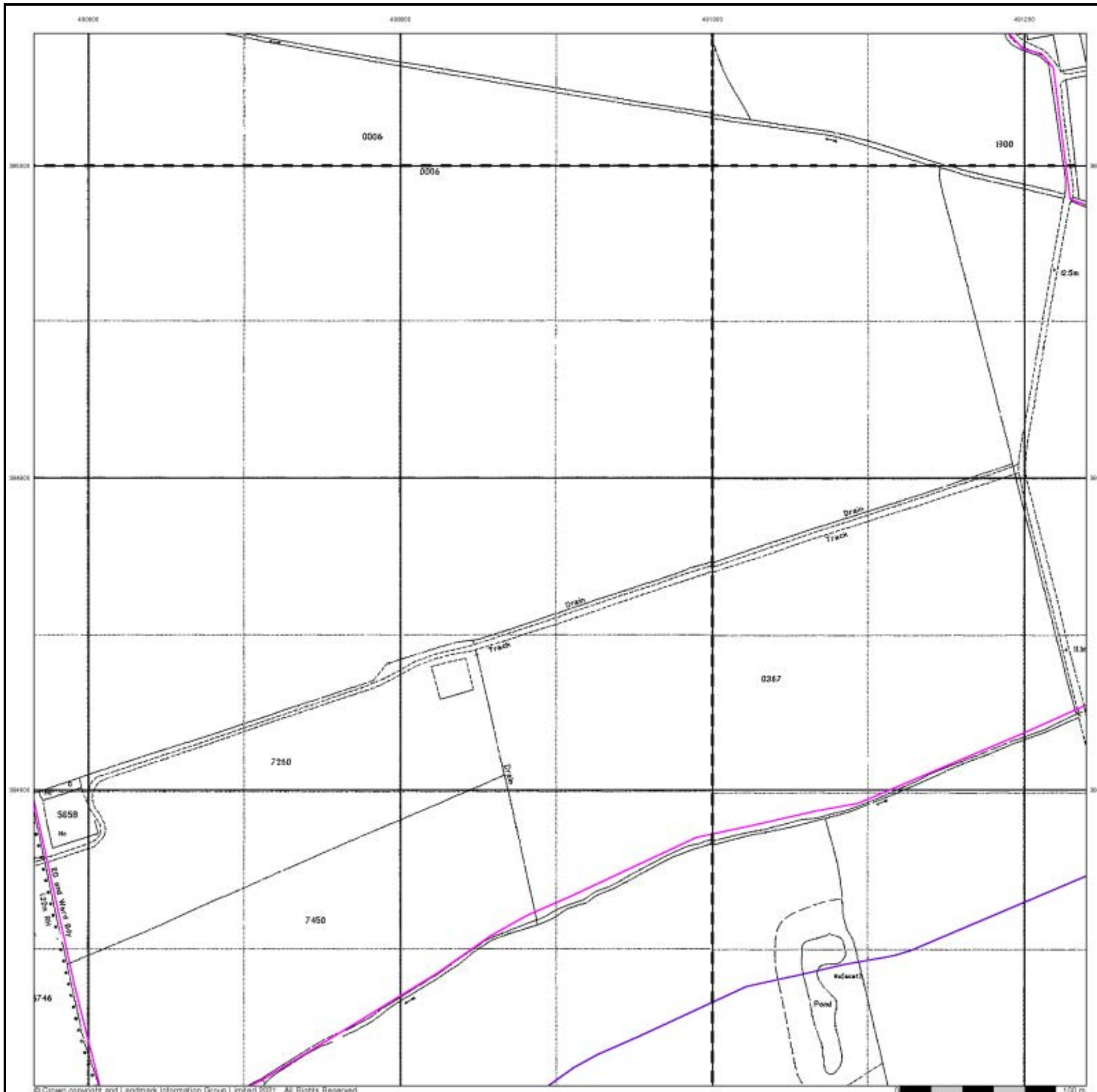


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

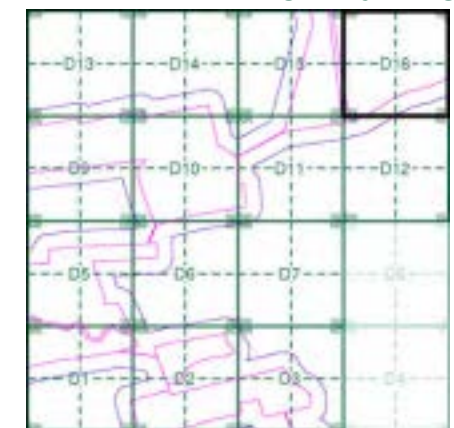




## Historical Aerial Photography Published 1999

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 D16

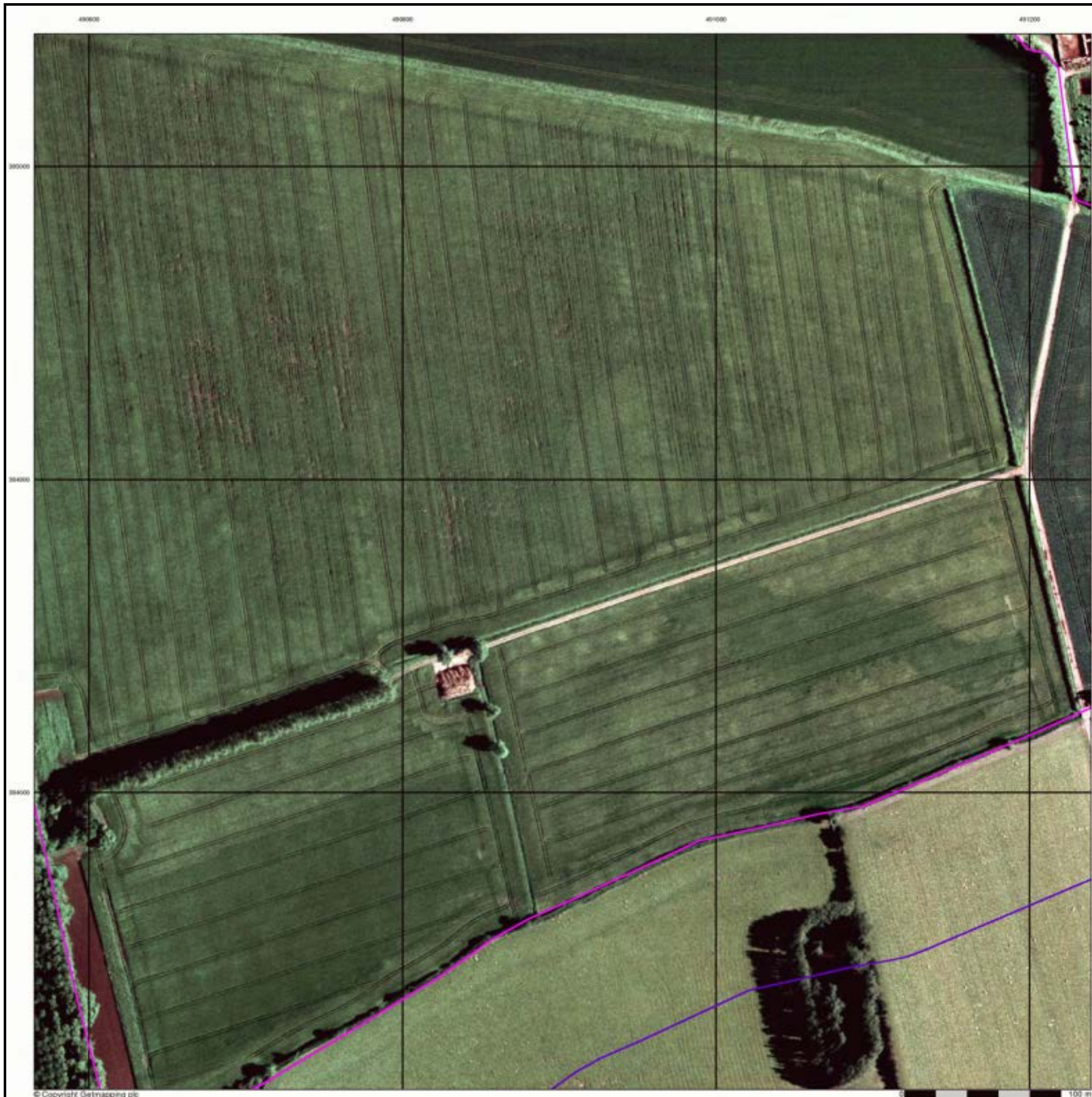


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

- Gravel Pit
- Sand Pit
- Other Pits
- Quarry
- Shingle
- Orchard
- Osiers
- Reeds
- Marsh
- Mixed Wood
- Deciduous
- Brushwood
- Fir
- Furze
- Rough Pasture
- Arrow denotes flow of water
- Trigonometrical Station
- Site of Antiquities
- Bench Mark
- Pump, Guide Post, Signal Post
- Well, Spring, Boundary Post
- 285** Surface Level
- Sketched Contour
- Instrumental Contour
- Main Roads (Fenced/Un-Fenced)
- Minor Roads (Fenced/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
- Direction of Flow of Water
- Shingle
- Sand
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Geographical County
- Administrative County, County Borough or County of City
- Municipal Borough, Urban or Rural District, Burgh or District Council
- Borough, Burgh or County Constituency (Shown only when not coincident with other boundaries)
- Civil Parish (Shown alternately when coincidence of boundaries occurs)
- BP, BS Boundary Post or Stone
- 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

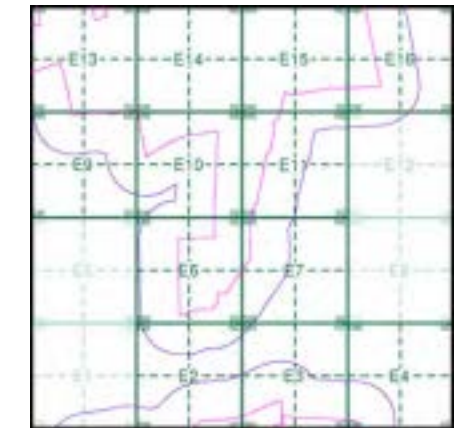
- Gravel Pit
- Refuse tip or slag heap
- Rock
- Rock (scattered)
- Boulders
- Boulders (scattered)
- Shingle
- Mud
- Mud
- Sand Pit
- Sand
- Sand
- Slopes
- Top of cliff
- General detail
- Underground detail
- Overhead detail
- Narrow gauge railway
- Multi-track railway
- Single track railway
- County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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1885 - 1886	2
Lincolnshire	1:10,560	1907	3
Lincolnshire	1:10,560	1907	4
Lincolnshire	1:10,560	1947 - 1948	5
Ordnance Survey Plan	1:10,000	1956	6
Ordnance Survey Plan	1:10,000	1979	7
10K Raster Mapping	1:10,000	2000	8
10K Raster Mapping	1:10,000	2006	9
VectorMap Local	1:10,000	2021	10

## Historical Map - Slice E



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

## Site Details

Cottam 1



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

## Lincolnshire

Published 1885 - 1886

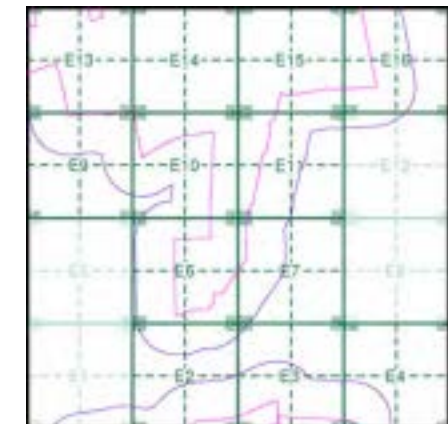
Source map scale - 1:10,560

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)

051NE 1885 1:10,560	052NW 1886 1:10,560
051SE 1885 1:10,560	052SW 1885 1:10,560

### Historical Map - Slice E

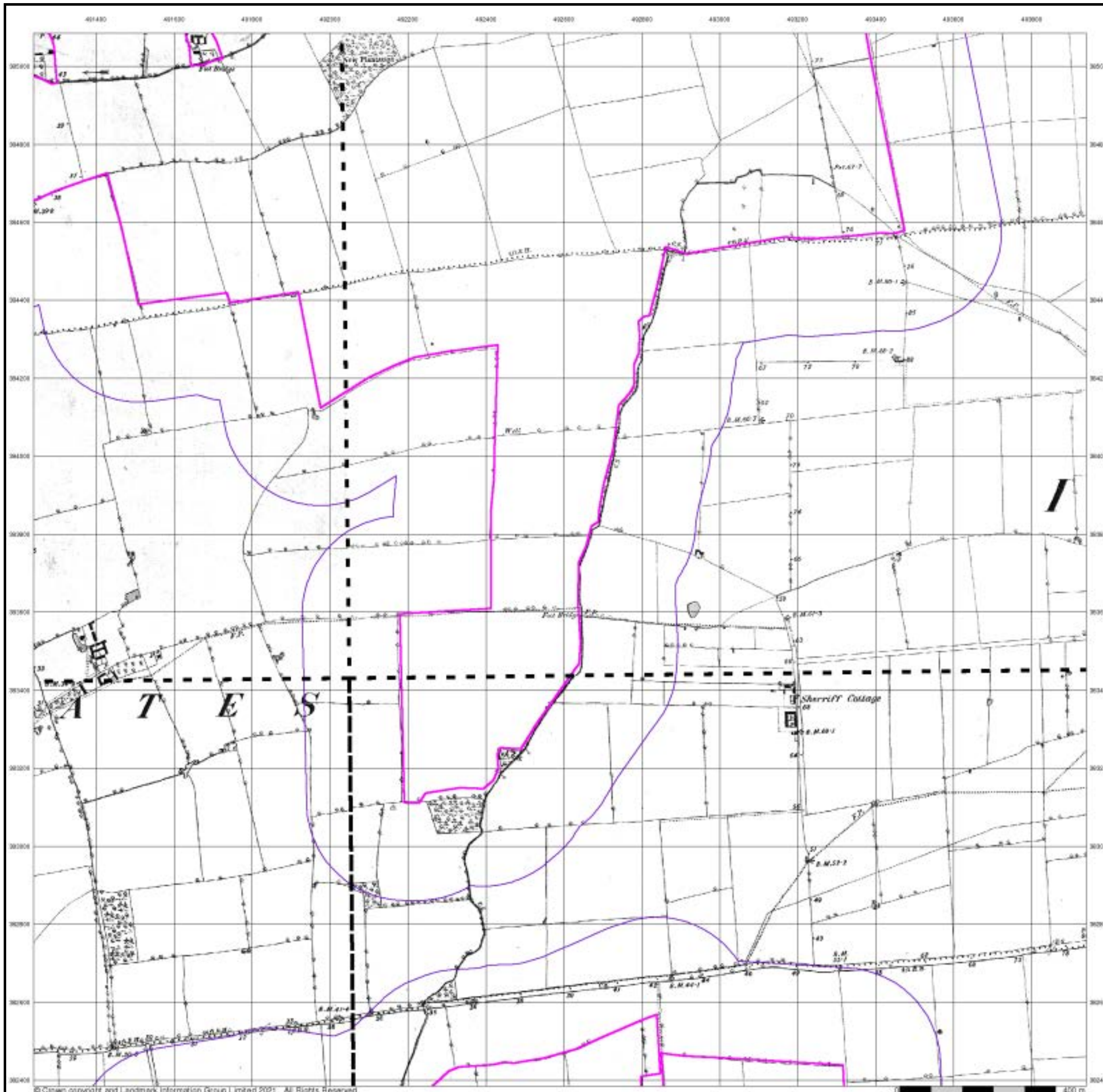


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1907

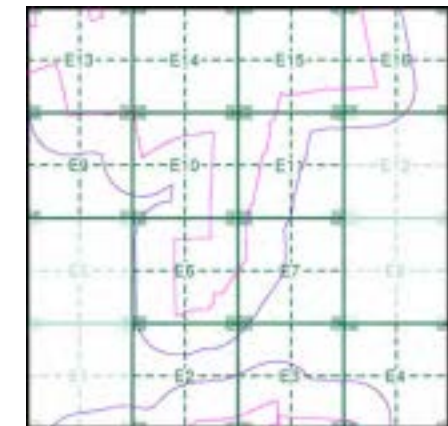
Source map scale - 1:10,560

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

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

051NE 1907 1:10,560	052NW 1907 1:10,560
051SE 1907 1:10,560	052SW 1907 1:10,560

### Historical Map - Slice E

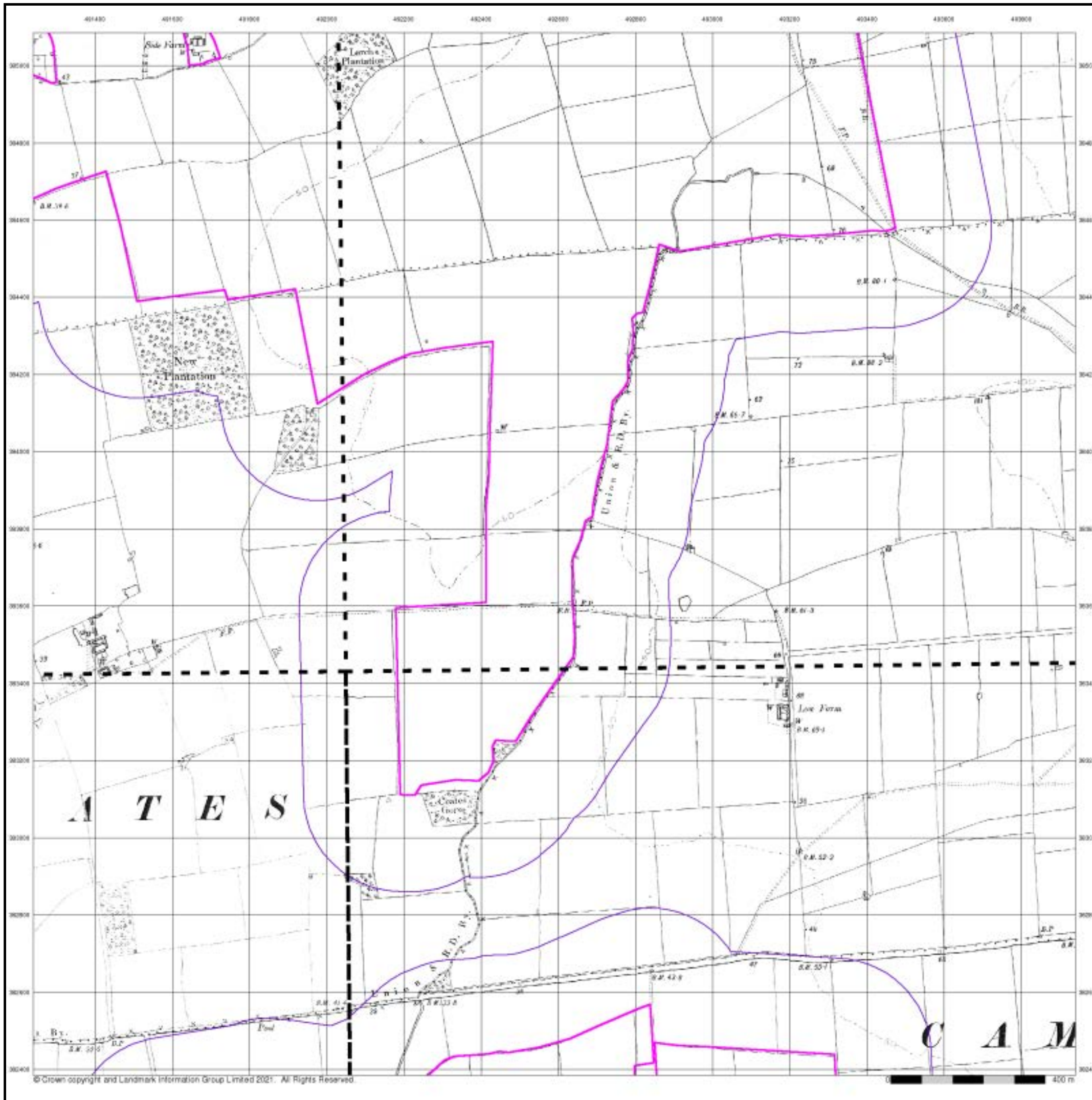


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1907

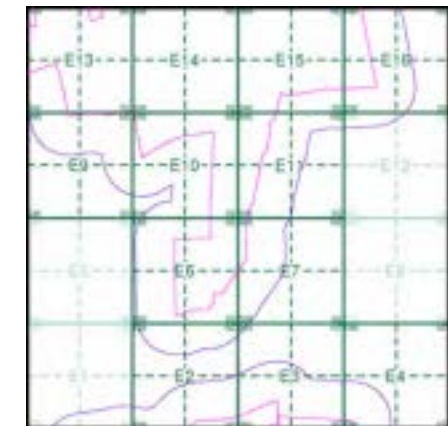
Source map scale - 1:10,560

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

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

	052NW 1907 1:10,560
051SE 1907 1:10,560	052SW 1907 1:10,560

### Historical Map - Slice E

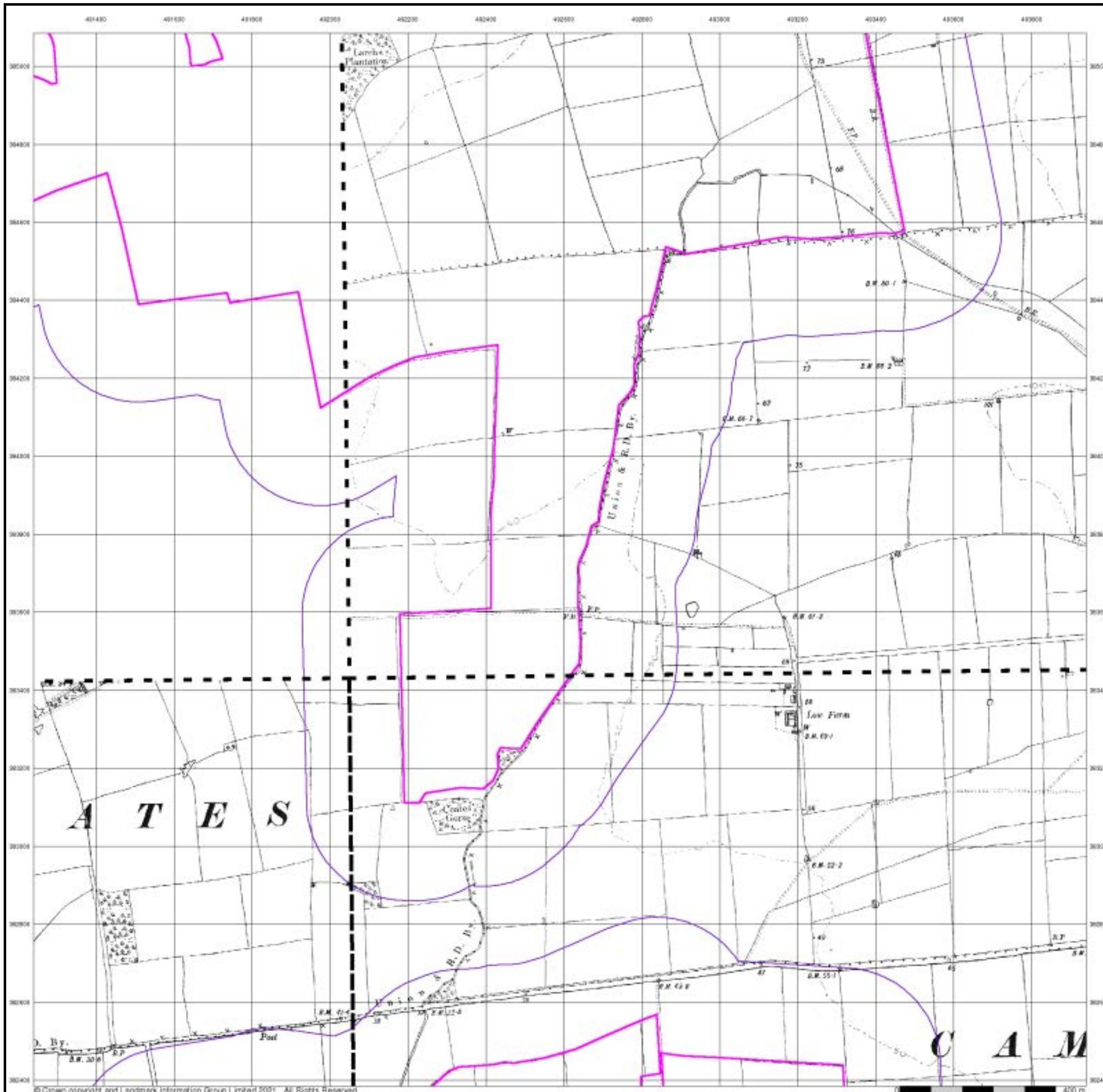


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1947 - 1948

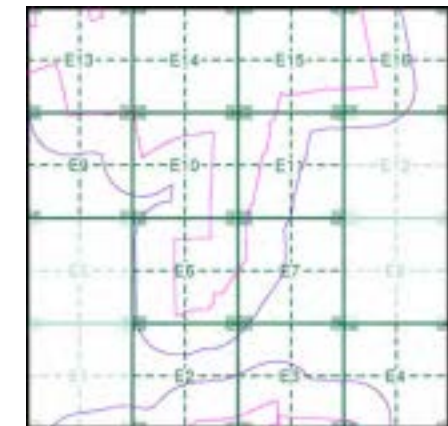
Source map scale - 1:10,560

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

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

051NE 1947 1:10,560	052NW 1947 1:10,560
051SE 1947 1:10,560	052SW 1948 1:10,560

### Historical Map - Slice E

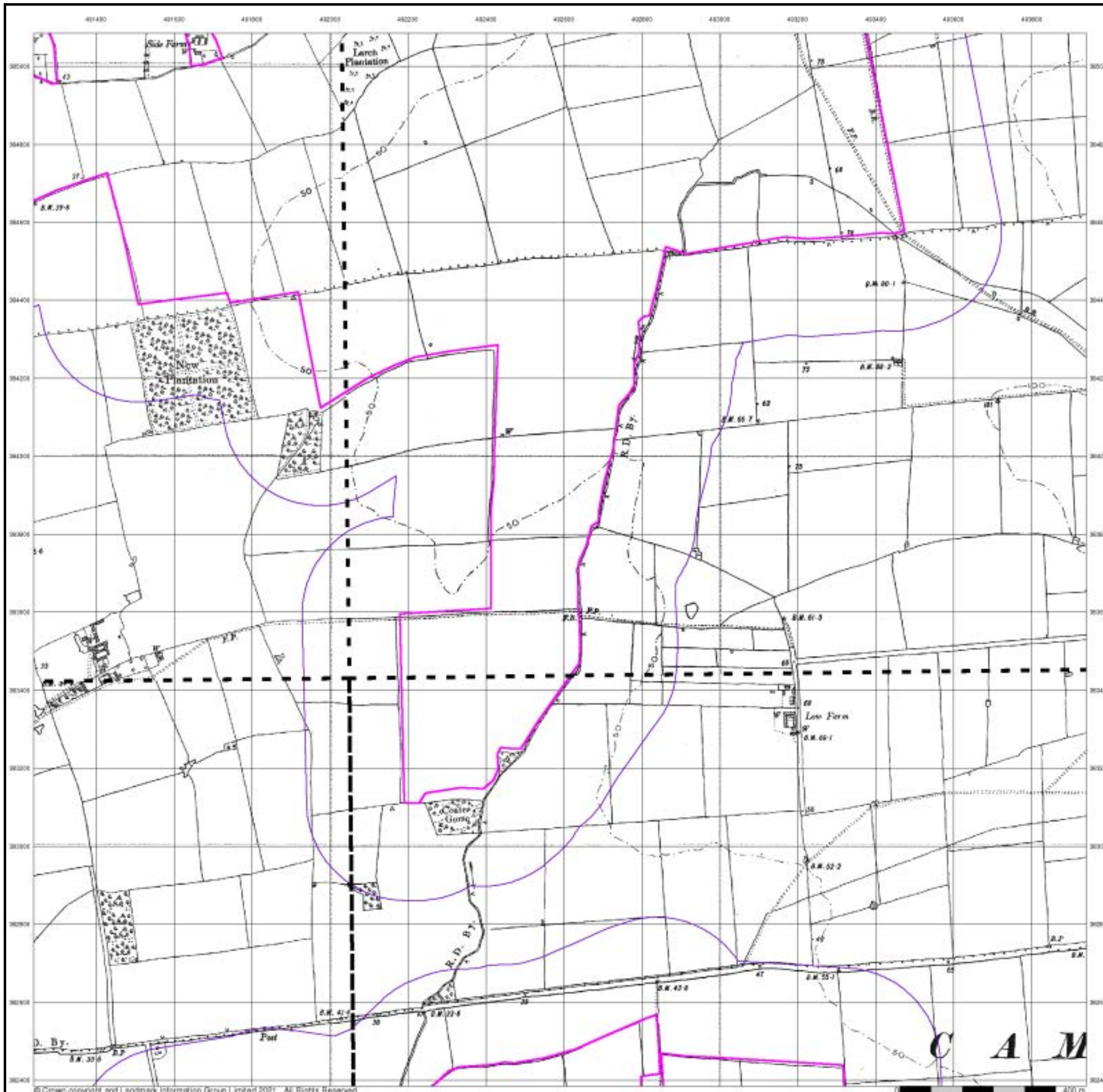


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Ordnance Survey Plan

Published 1956

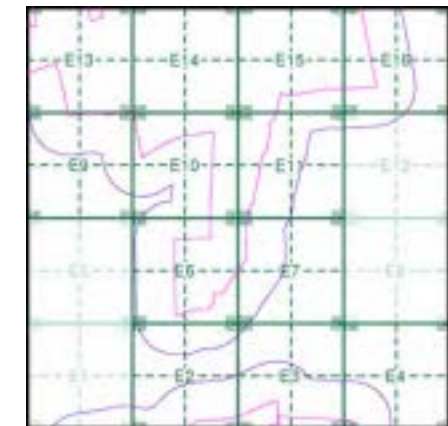
Source map scale - 1:10,000

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

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

SK98NW	1956	1:10,560
SK98SW	1956	1:10,560

### Historical Map - Slice E

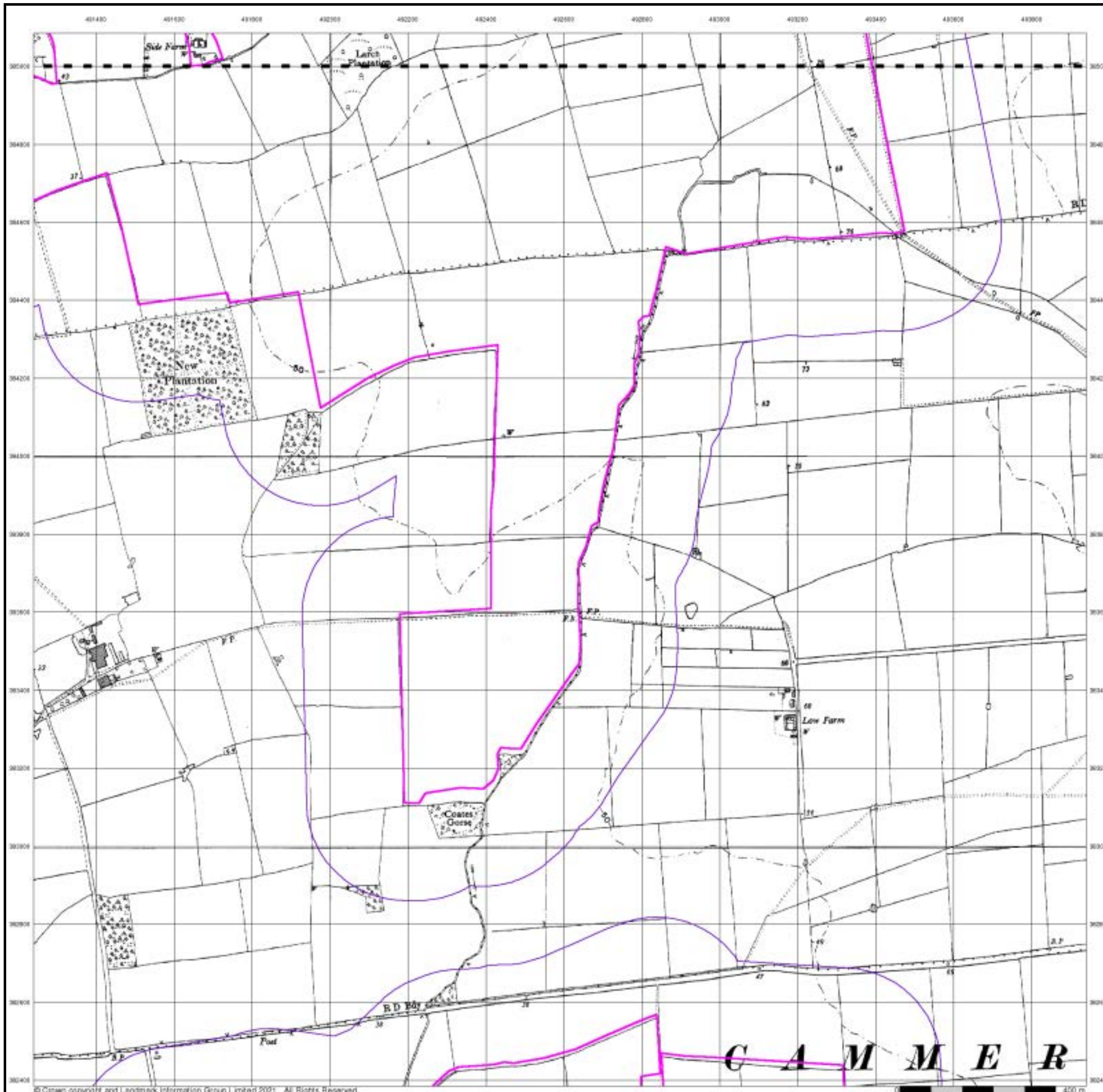


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Ordnance Survey Plan

Published 1979

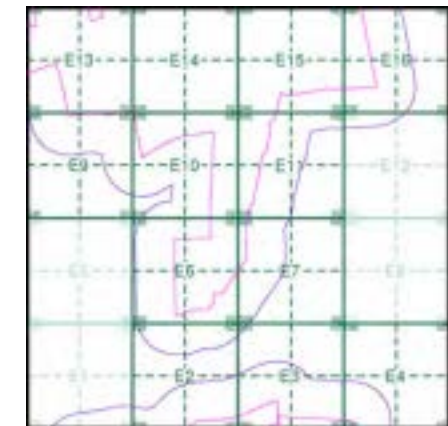
Source map scale - 1:10,000

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)

SK98NW	1979	1:10,000
SK98SW	1979	1:10,000

### Historical Map - Slice E

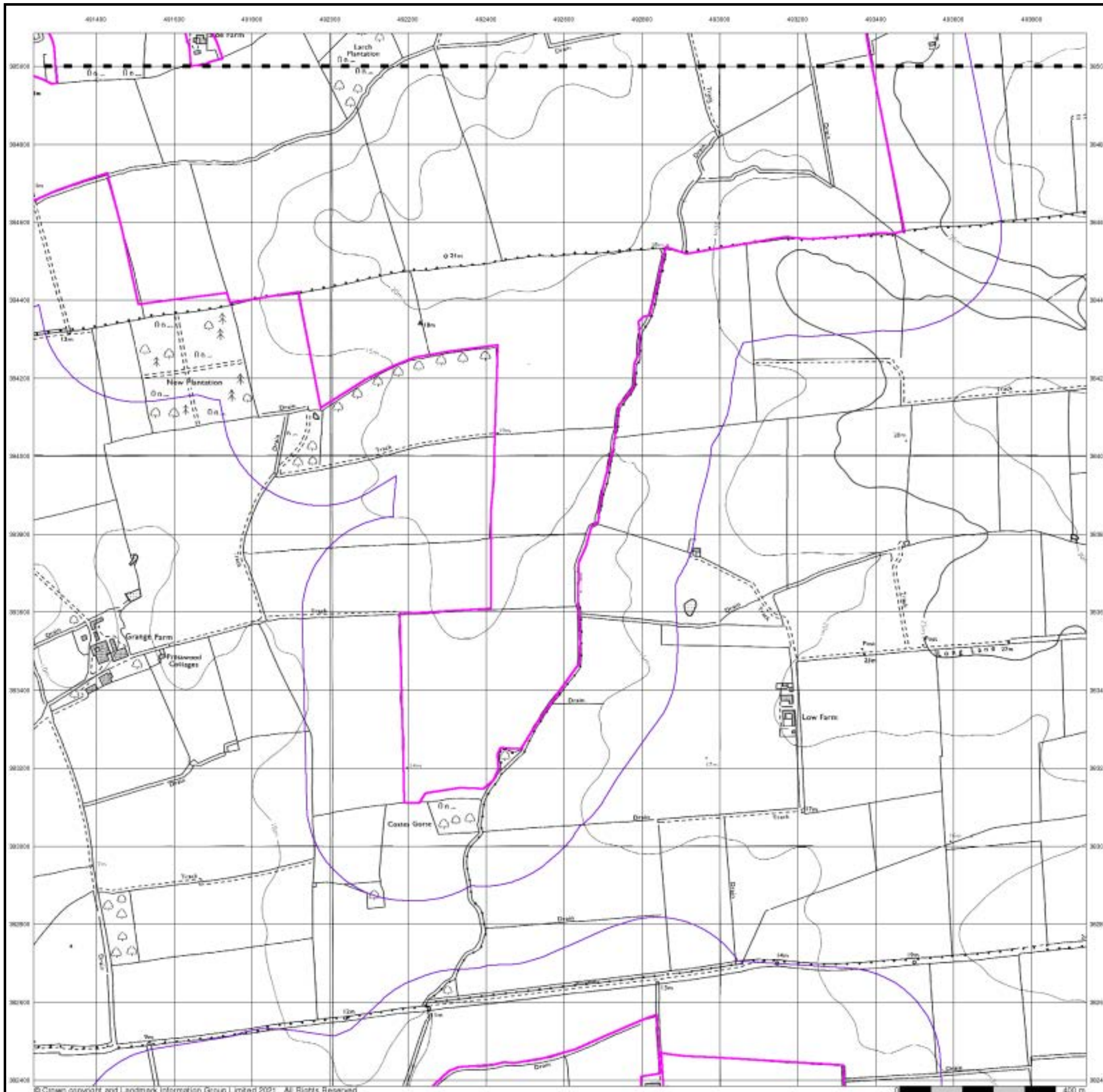


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1





## 10k Raster Mapping

Published 2000

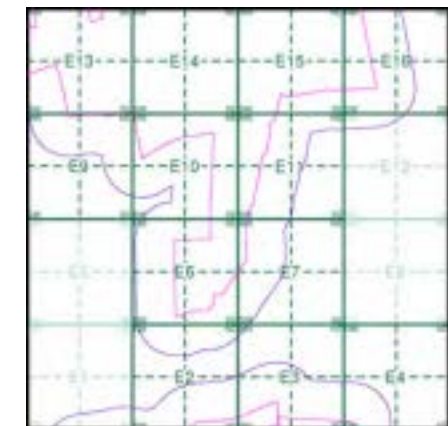
Source map scale - 1:10,000

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

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

SK98NW	2000	1:10,000
SK98SW	2000	1:10,000

### Historical Map - Slice E

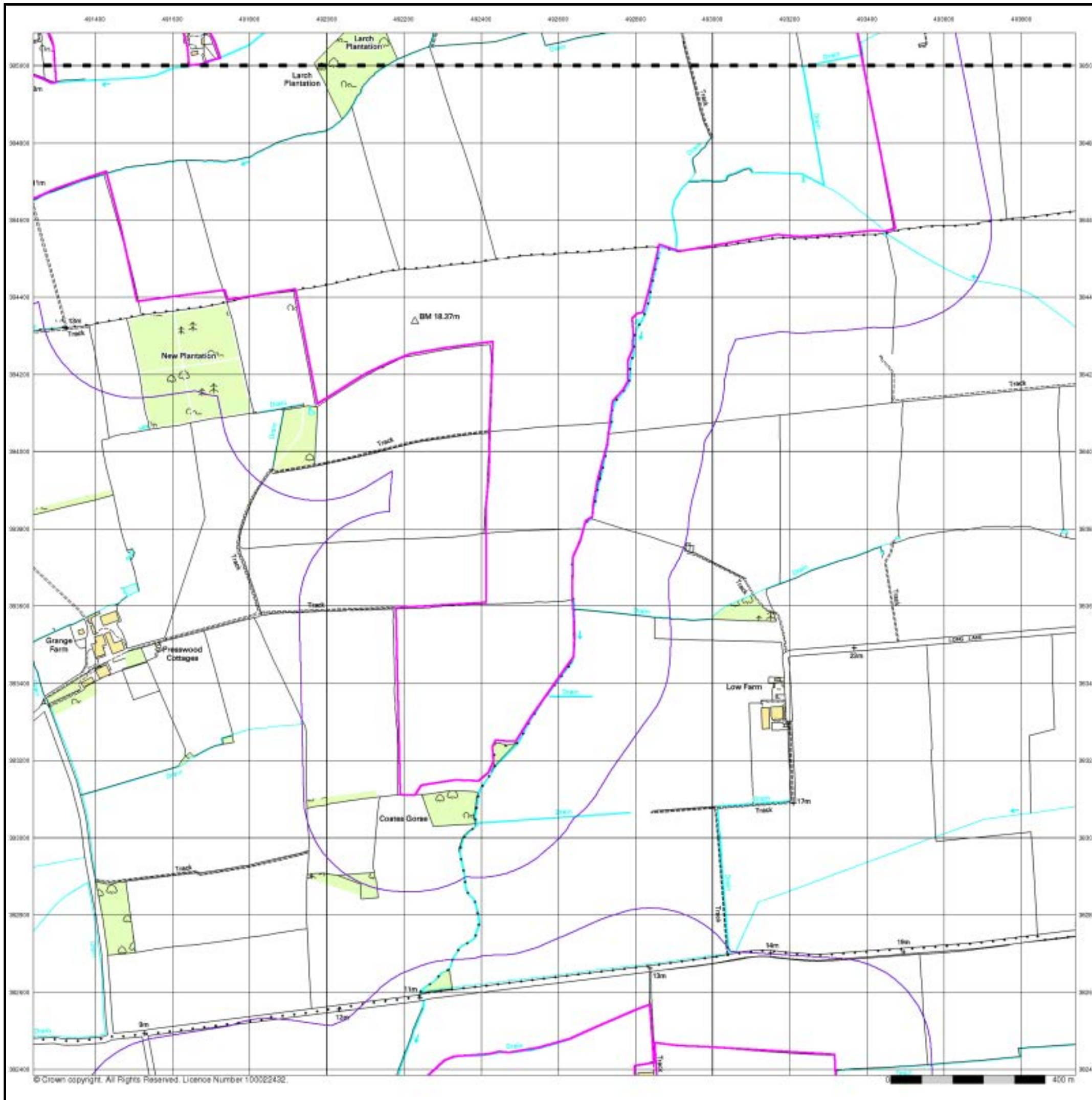


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## 10k Raster Mapping

Published 2006

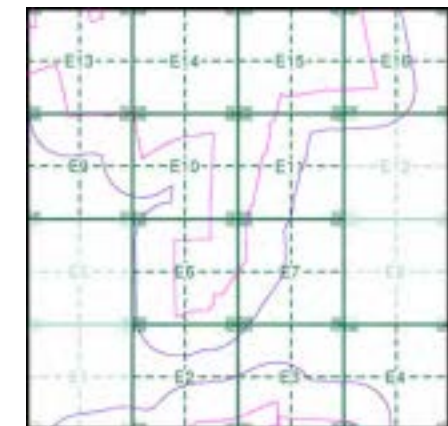
Source map scale - 1:10,000

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)

SK98NW	2006	1:10,000
SK98SW	2006	1:10,000

### Historical Map - Slice E

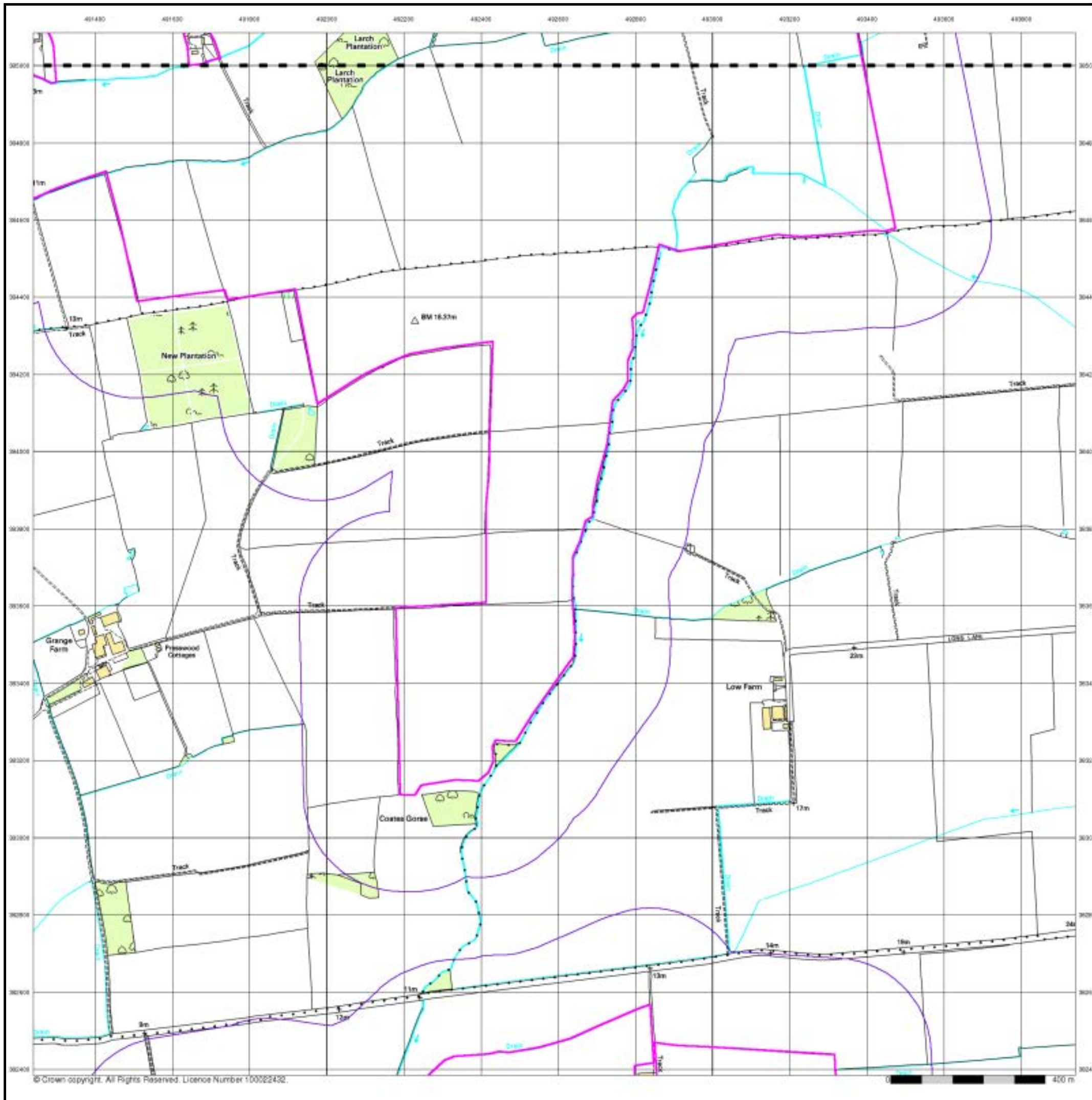


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## VectorMap Local

Published 2021

Source map scale - 1:10,000

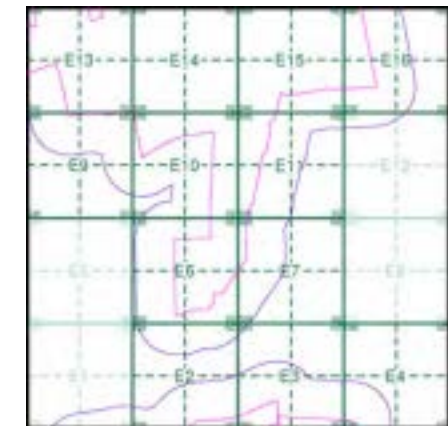
VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap 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)

SK98NW  
2021  
Variable

SK98SW  
2021  
Variable

### Historical Map - Slice E

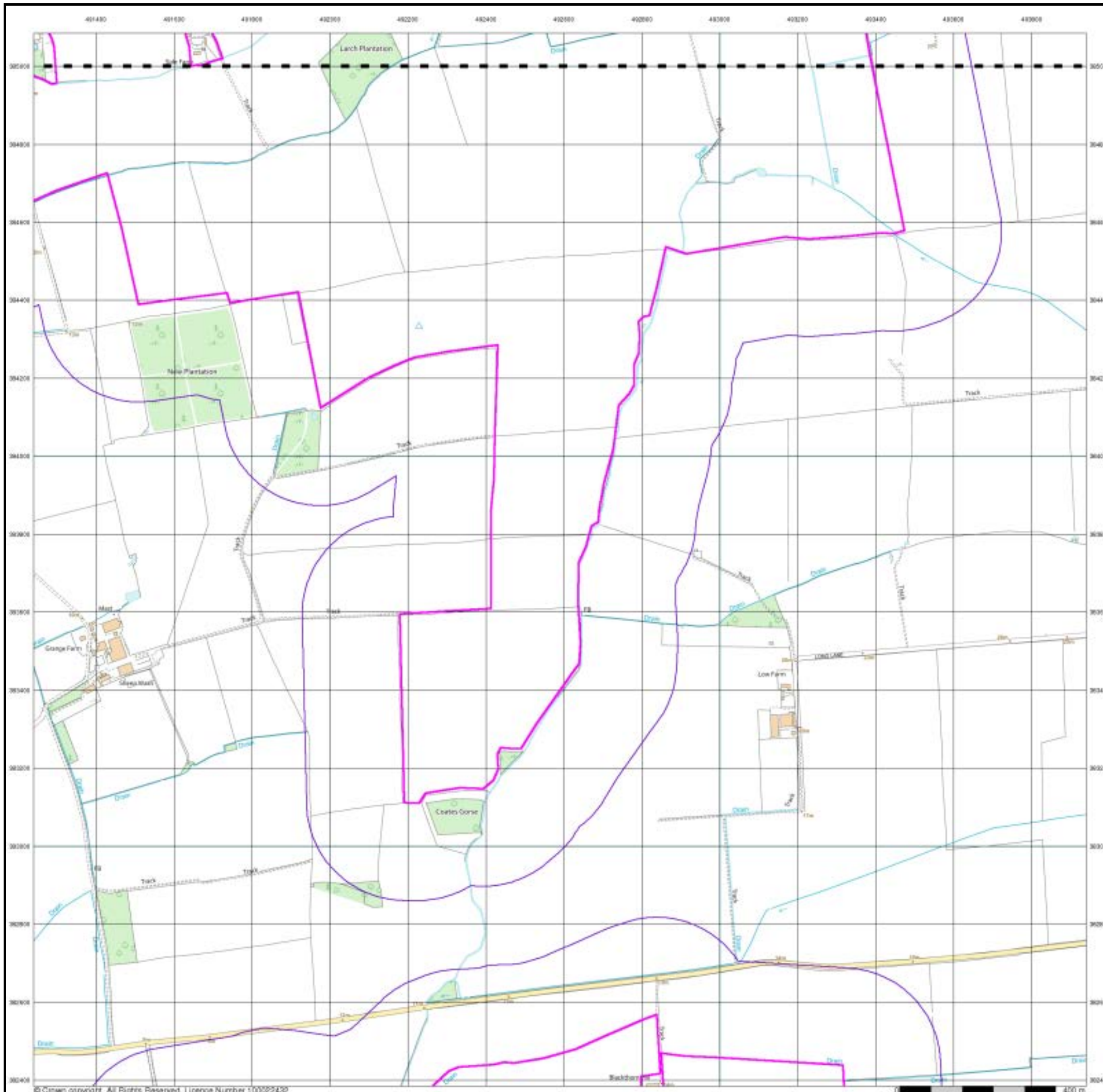


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



# Historical Mapping Legends

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

**Quarry**   **Gravel Pit**   **Sand Pit**  
**Clay Pit**   **Shingle**   **Refuse Heap**  
**Sloping Masonry**   **Flat Rock**  
**Marsh**   **Reeds**   **Osiers**  
**Rough Pasture**   **Furze**   **Wood**  
**Mixed Wood**   **Brushwood**   **Orchard**  
**Fir**   **Ford**   **Stepping Stones**  
**Ferry**   **Waterfall**   **Lock**  
**Trig. Station**   **Altitude at Trig. Station**  
**B.M. 325.9**   **Bench Mark**   **Surface Level**  
**Arrow denotes flow of water**   **Antiquities (site of)**  
**Cutting**   **Embankment**  
**Railway crossing Road**   **Level Crossing**   **Road crossing Railway**  
**Railway crossing River or Canal**   **Road over single stream**   **Road over River or Canal**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Administrative County & Civil Parish Boundary**  
**County Borough Boundary (England)**  
**County Burgh Boundary (Scotland)**  
**Boundary Post or Stone**   **Police Call Box**  
**B.R. Bridle Road**   **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**  
**Beer House**   **Pillar, Pole or Post**  
**Boundary Post or Stone**   **Post Office**  
**Capstan, Crane**   **Public Convenience**  
**Chimney**   **Public House**  
**Drinking Fountain**   **Pump**  
**Electricity Pillar or Post**   **Signal Box or Bridge**  
**Fire Alarm Pillar**   **Signal Post or Light**  
**Foot Bridge**   **Spring**  
**Guide Post**   **Tank or Track**  
**Hydrant or Hydraulic**   **Telephone Call Box**  
**Level Crossing**   **Telephone Call Post**  
**Manhole**   **Trough**  
**Mile Post or Mooring Post**   **Water Point, Water Tap**  
**Mile Stone**   **Well**  
**Normal Tidal Limit**   **Wind Pump**

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

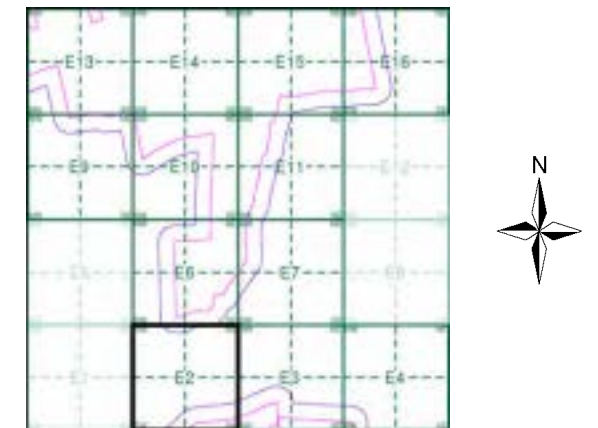
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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**  
**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)**  
**Barracks**   **Pillar, Pole or Post**  
**Battery**   **Post Office**  
**Cemetery**   **Public Convenience**  
**Chimney**   **Pump**  
**Cistern**   **Pumping Station**  
**Dismtd Rly**   **Place of Worship**  
**Electricity Generating Station**   **Sewage Pumping Station**  
**Electricity Pole, Pillar**   **Signal Box or Bridge**  
**Electricity Sub Station**   **Signal Post or Light**  
**Filter Bed**   **Spring**  
**Fountain / Drinking Ftn.**   **Tank or Track**  
**Gas Valve Compound**   **Trough**  
**Gas Governor**   **Wind Pump**  
**Guide Post**   **Water Point, Water Tap**  
**Manhole**   **Works (building or area)**  
**Mile Post or Mile Stone**   **Well**



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment E2



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

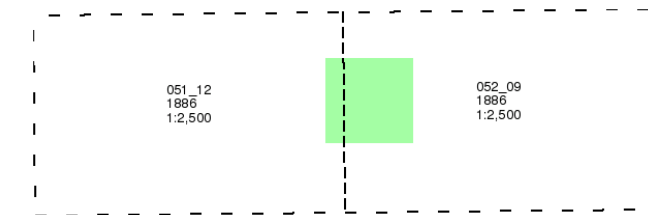
## Lincolnshire

Published 1886

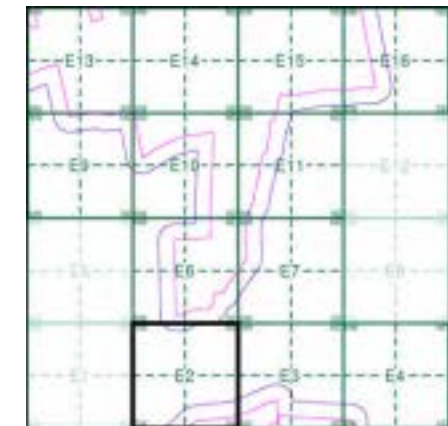
Source map scale - 1:2,500

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 E2

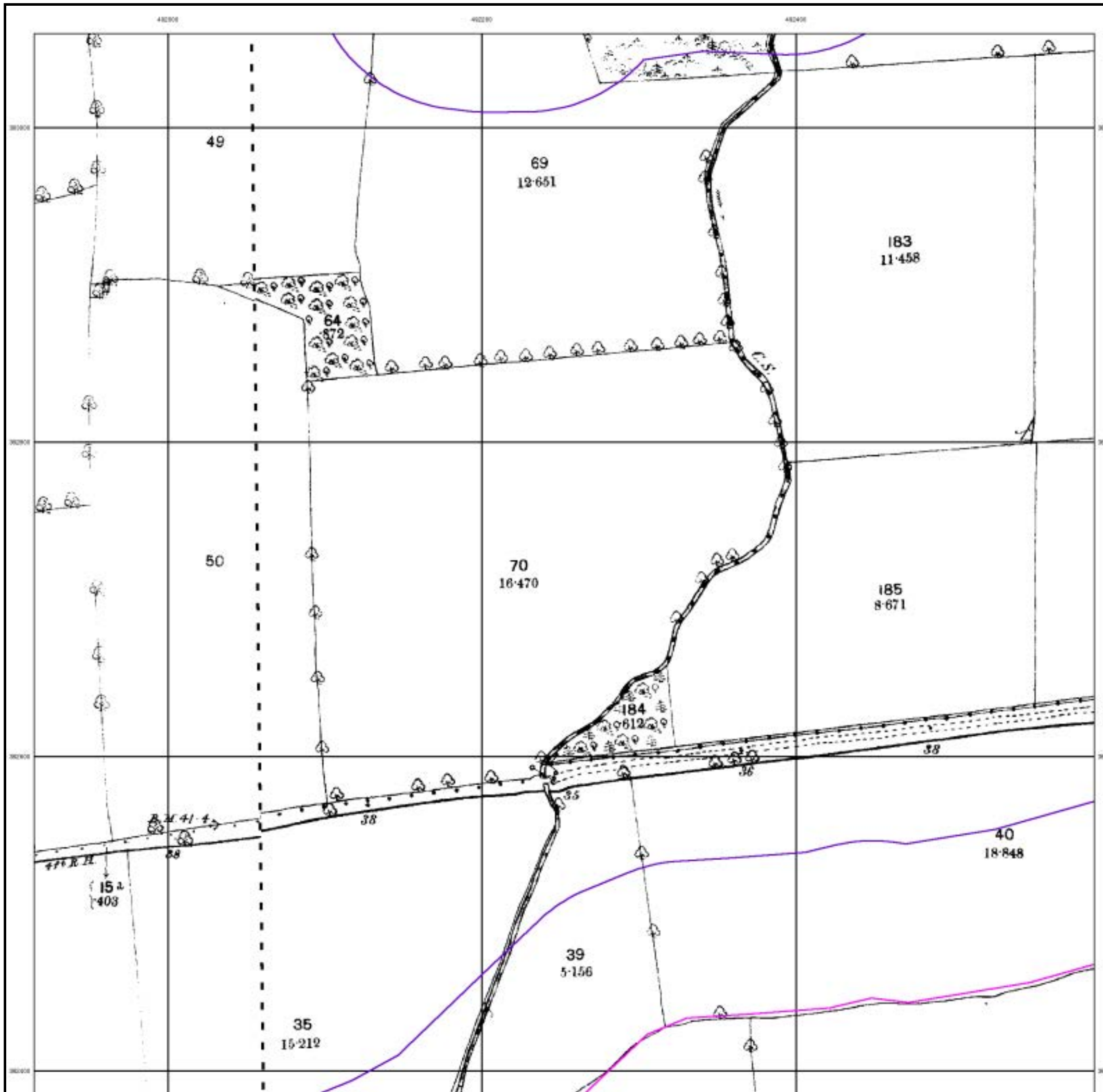


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



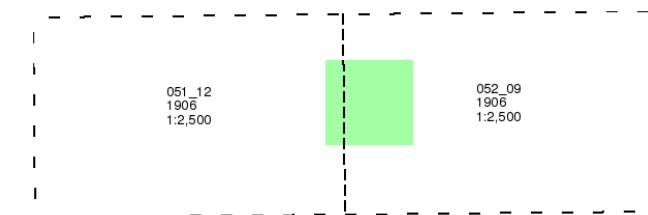
## Lincolnshire

Published 1906

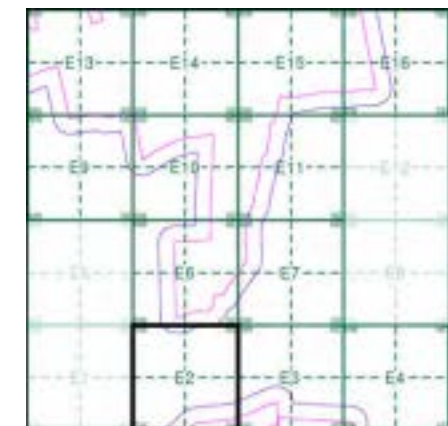
Source map scale - 1:2,500

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

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



### Historical Map - Segment E2

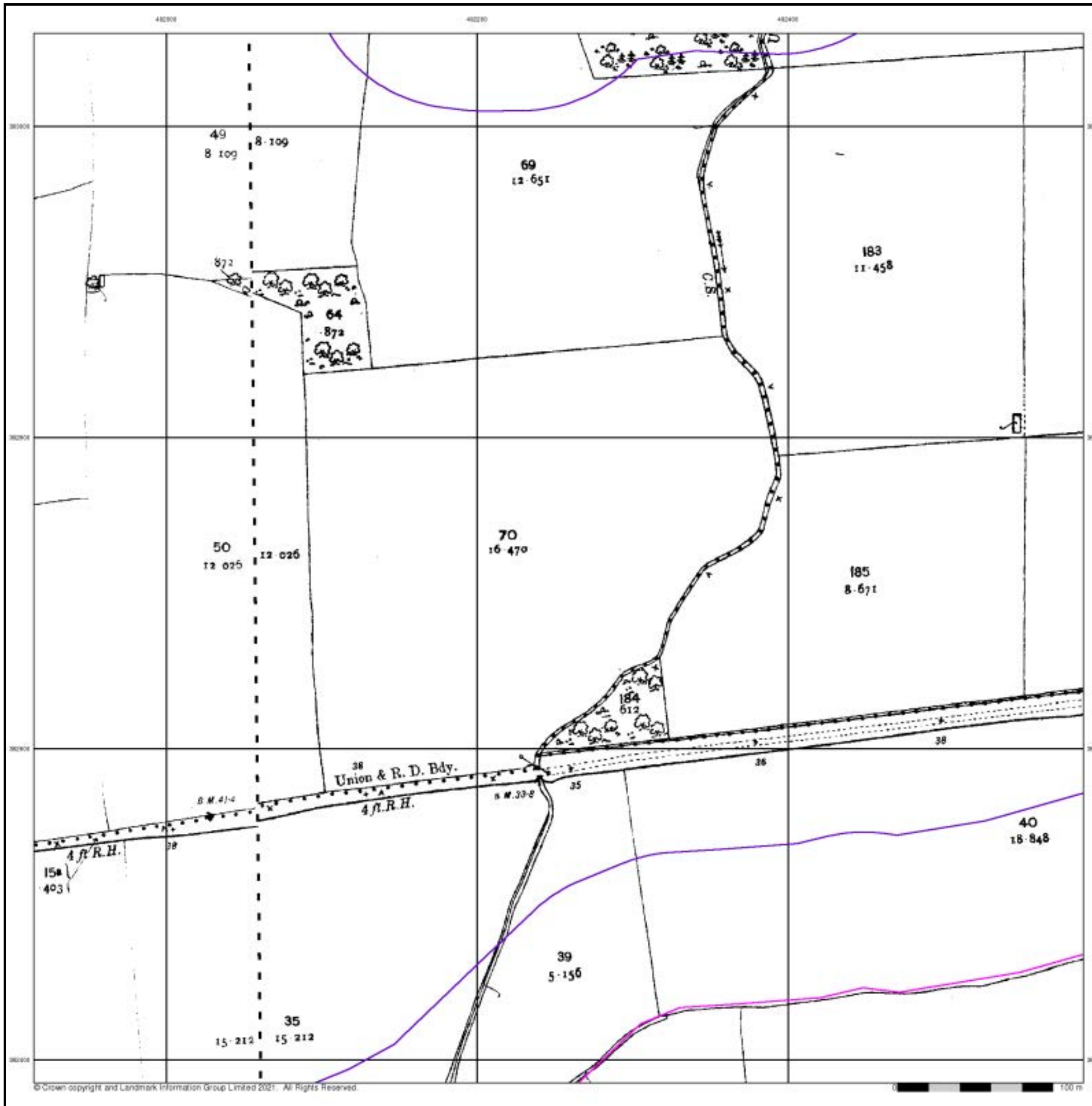


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Ordnance Survey Plan

Published 1974

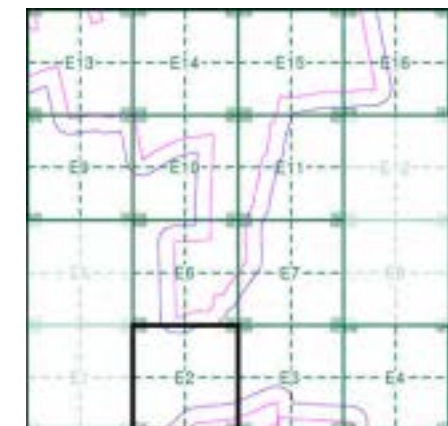
Source map scale - 1:2,500

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)

SK9183 1974 1:2,500	SK9283 1974 1:2,500
SK9182 1974 1:2,500	SK9282 1974 1:2,500

### Historical Map - Segment E2

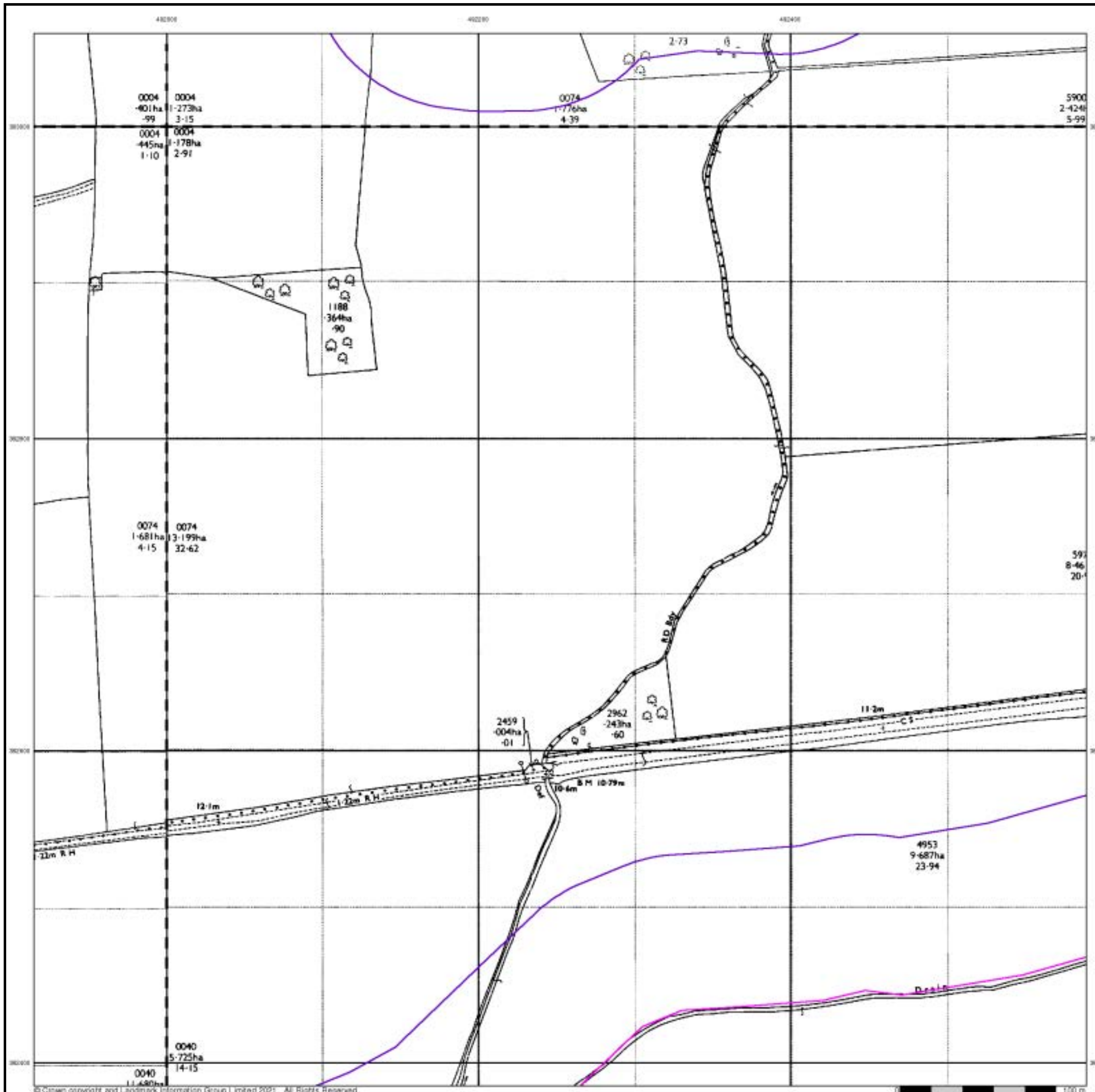


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

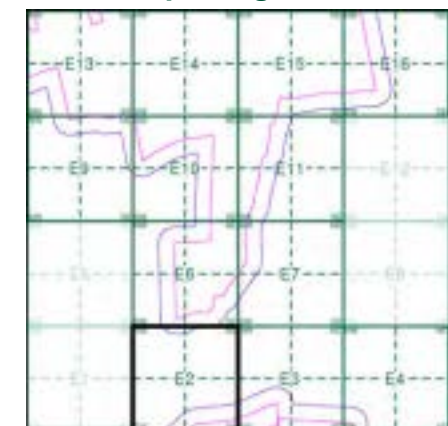
Source map scale - 1:2,500

'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)

SK9183 1994 1:2,500	SK9283 1994 1:2,500
SK9182 1994 1:2,500	SK9282 1994 1:2,500

### Historical Map - Segment E2

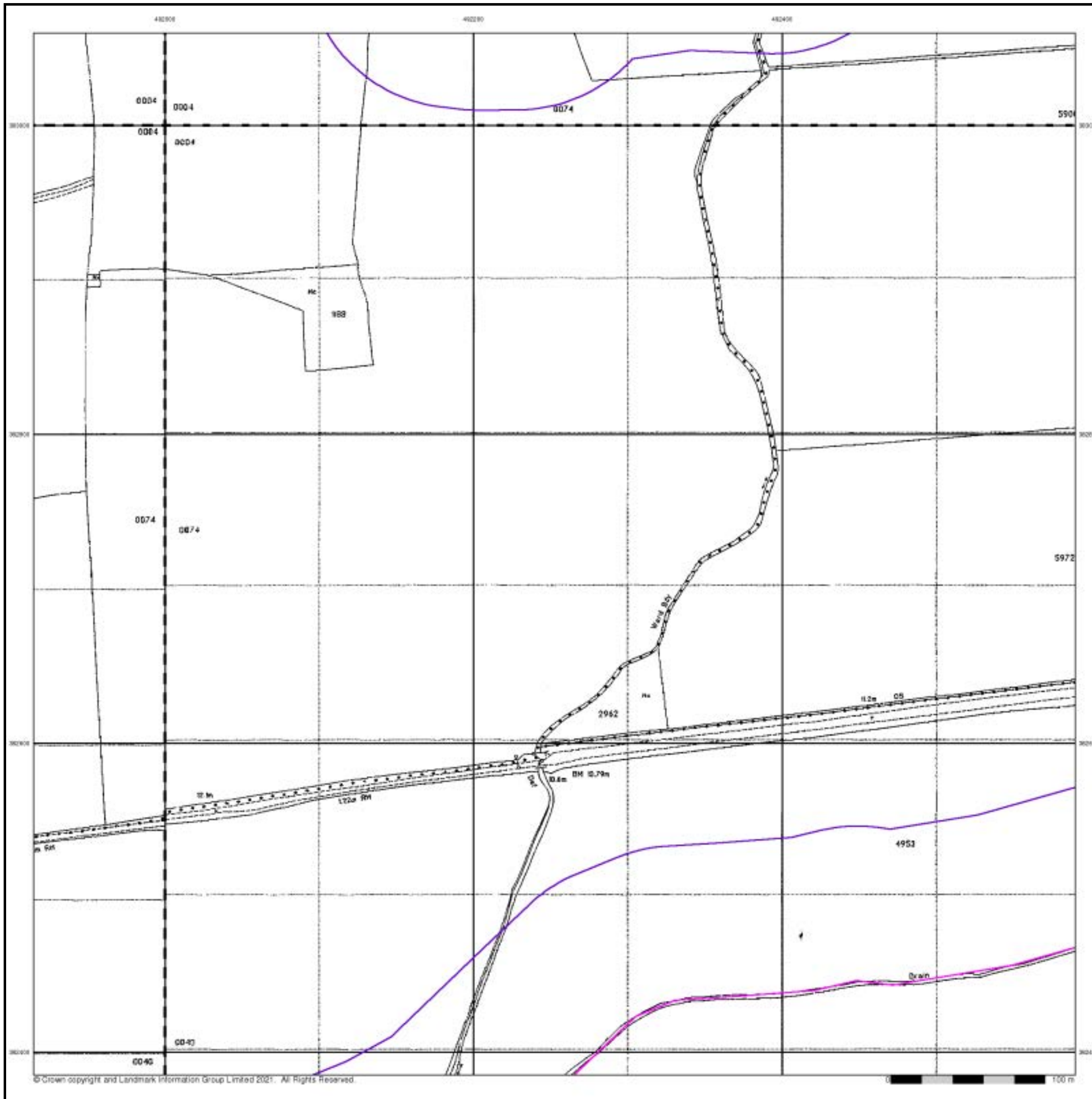


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



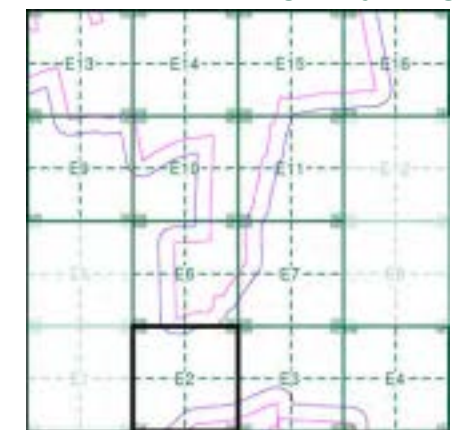


## Historical Aerial Photography

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 E2



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

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

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

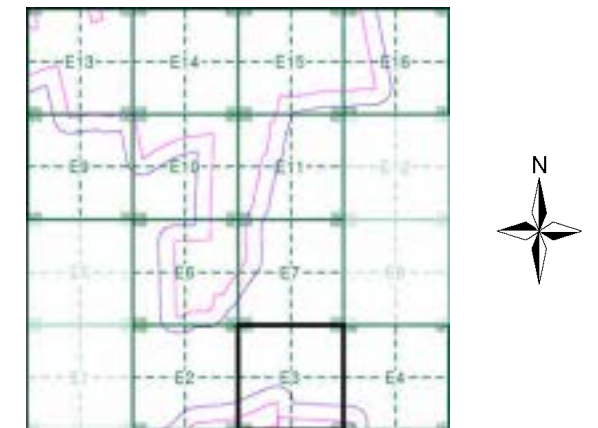
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment E3



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

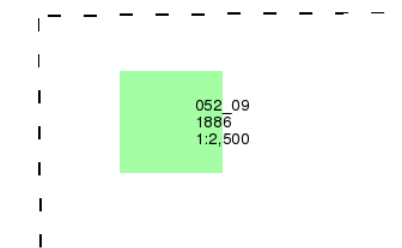
## Lincolnshire

Published 1886

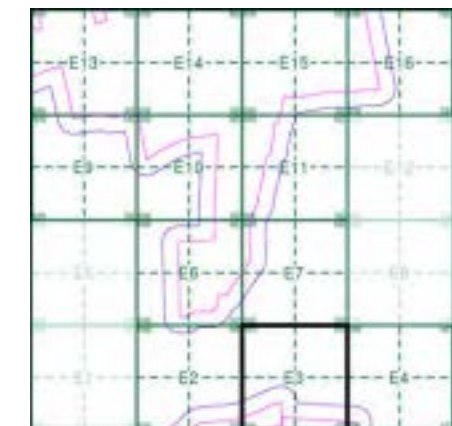
Source map scale - 1:2,500

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 E3

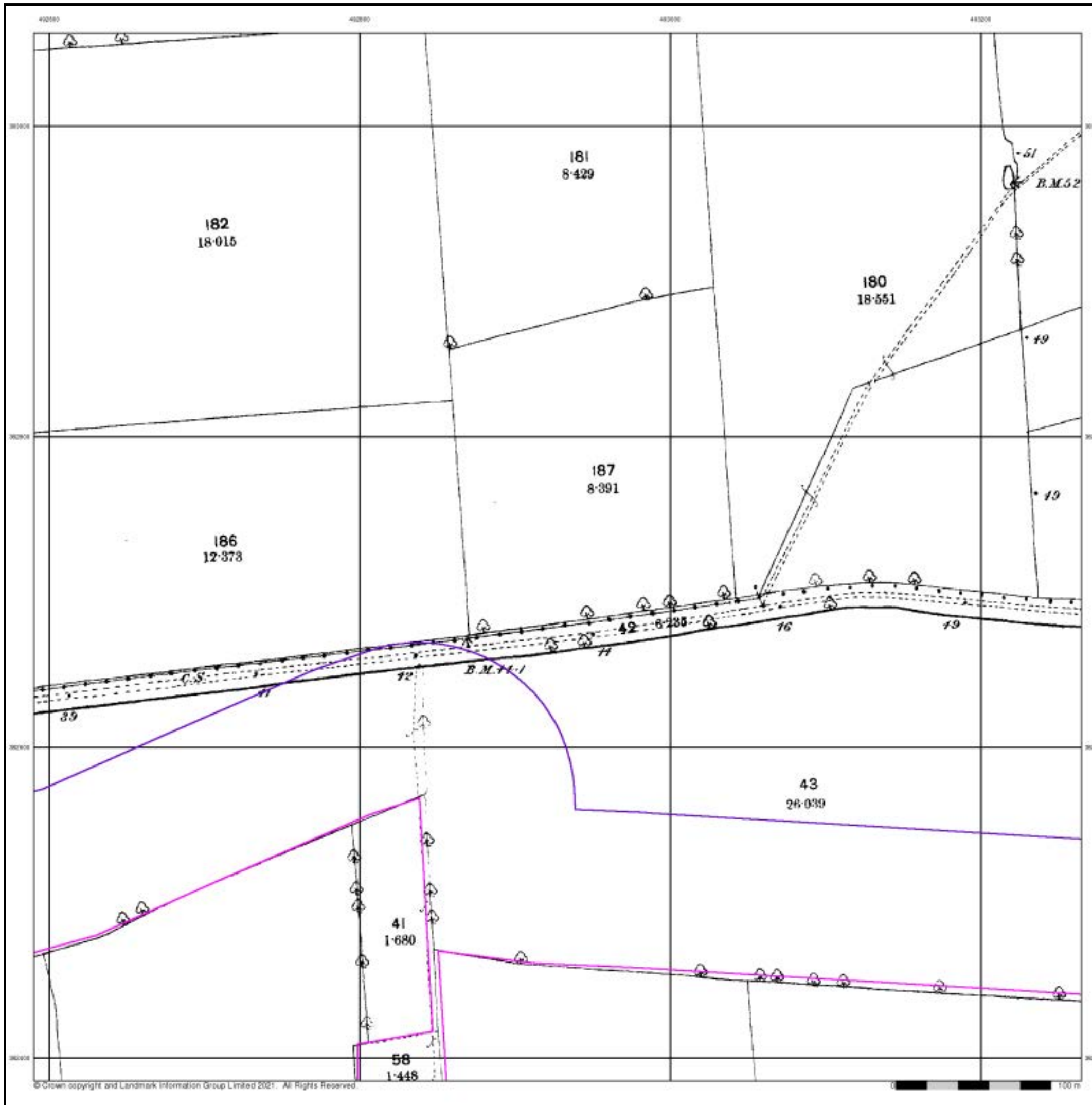


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



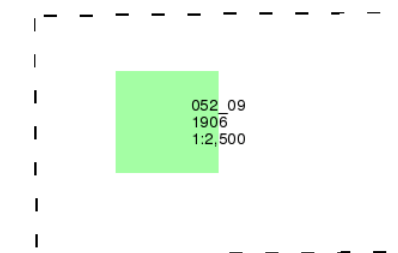
### Lincolnshire

Published 1906

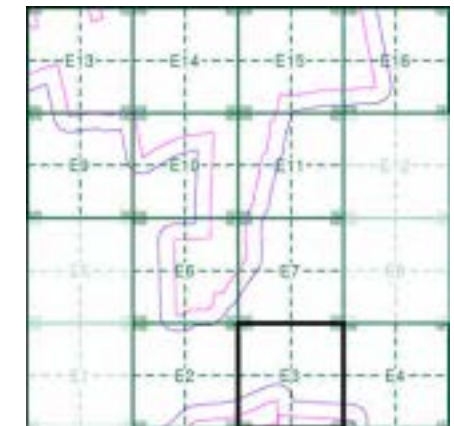
Source map scale - 1:2,500

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

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



### Historical Map - Segment E3

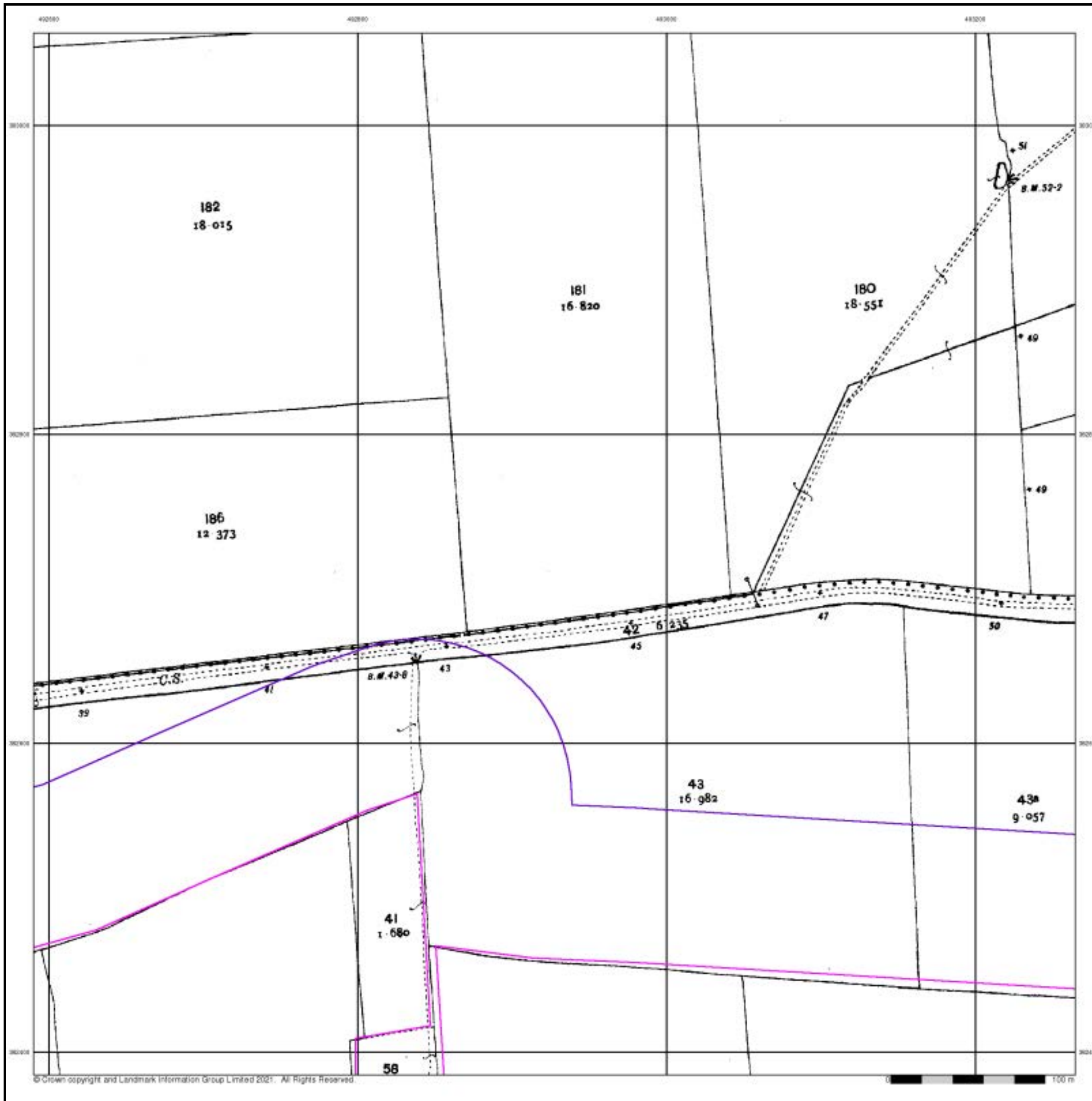


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Ordnance Survey Plan

Published 1974

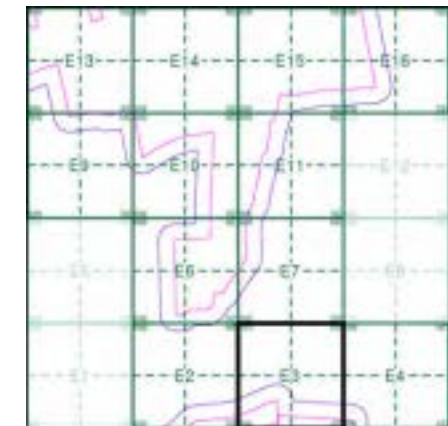
Source map scale - 1:2,500

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)

SK9283 1974 12,500	SK9383 1974 12,500
SK9282 1974 12,500	SK9382 1974 12,500

### Historical Map - Segment E3

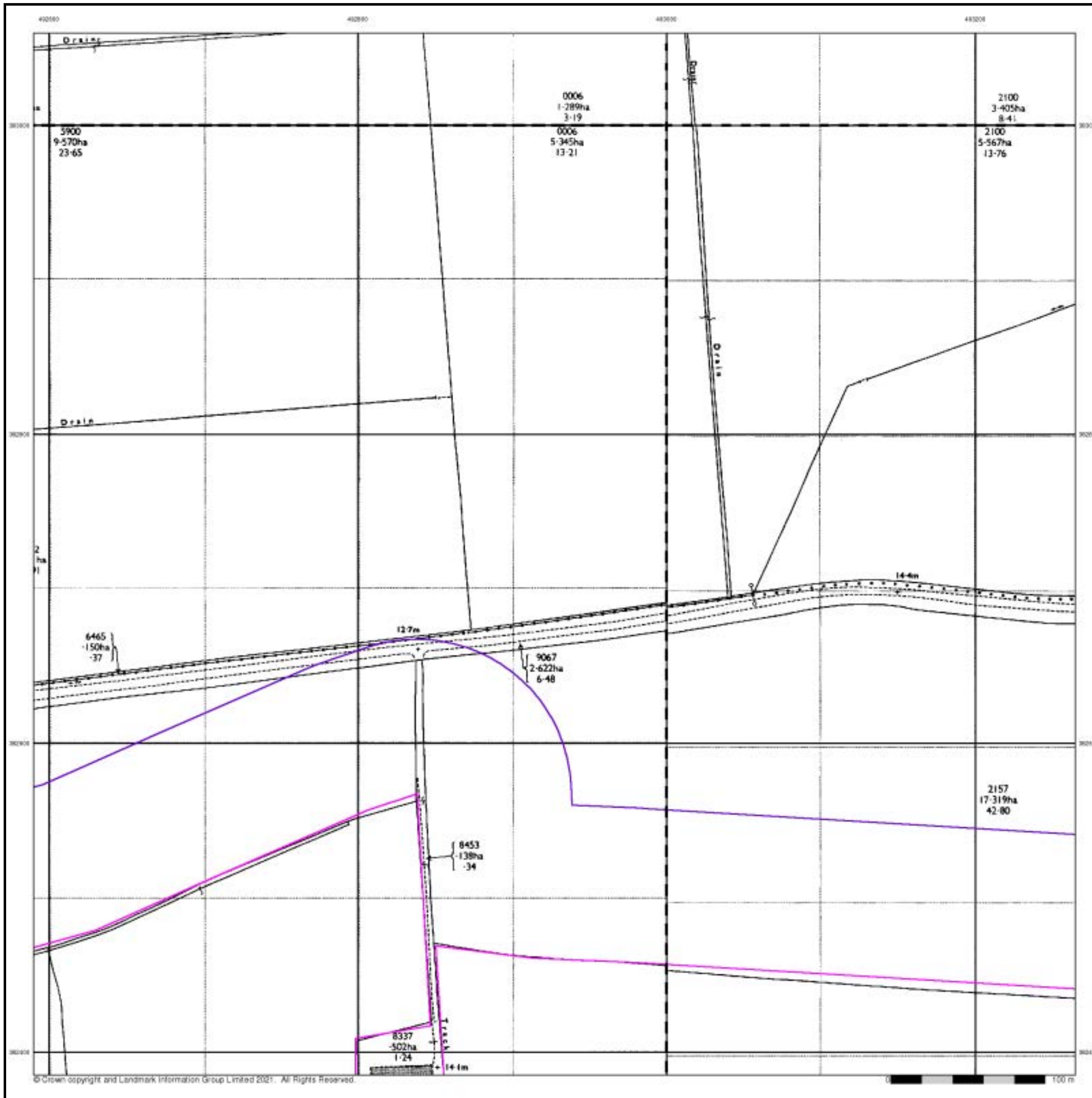


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

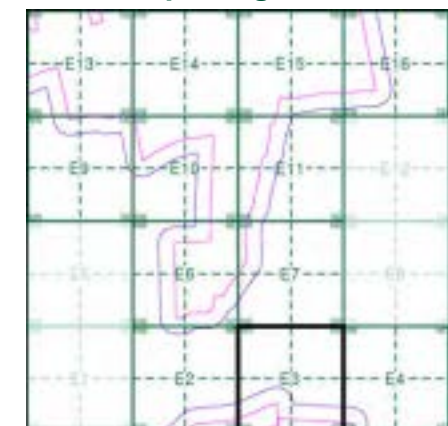
Source map scale - 1:2,500

'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)

SK9283	SK9383
1994	1994
1:2,500	1:2,500
SK9282	SK9382
1994	1994
1:2,500	1:2,500

### Historical Map - Segment E3

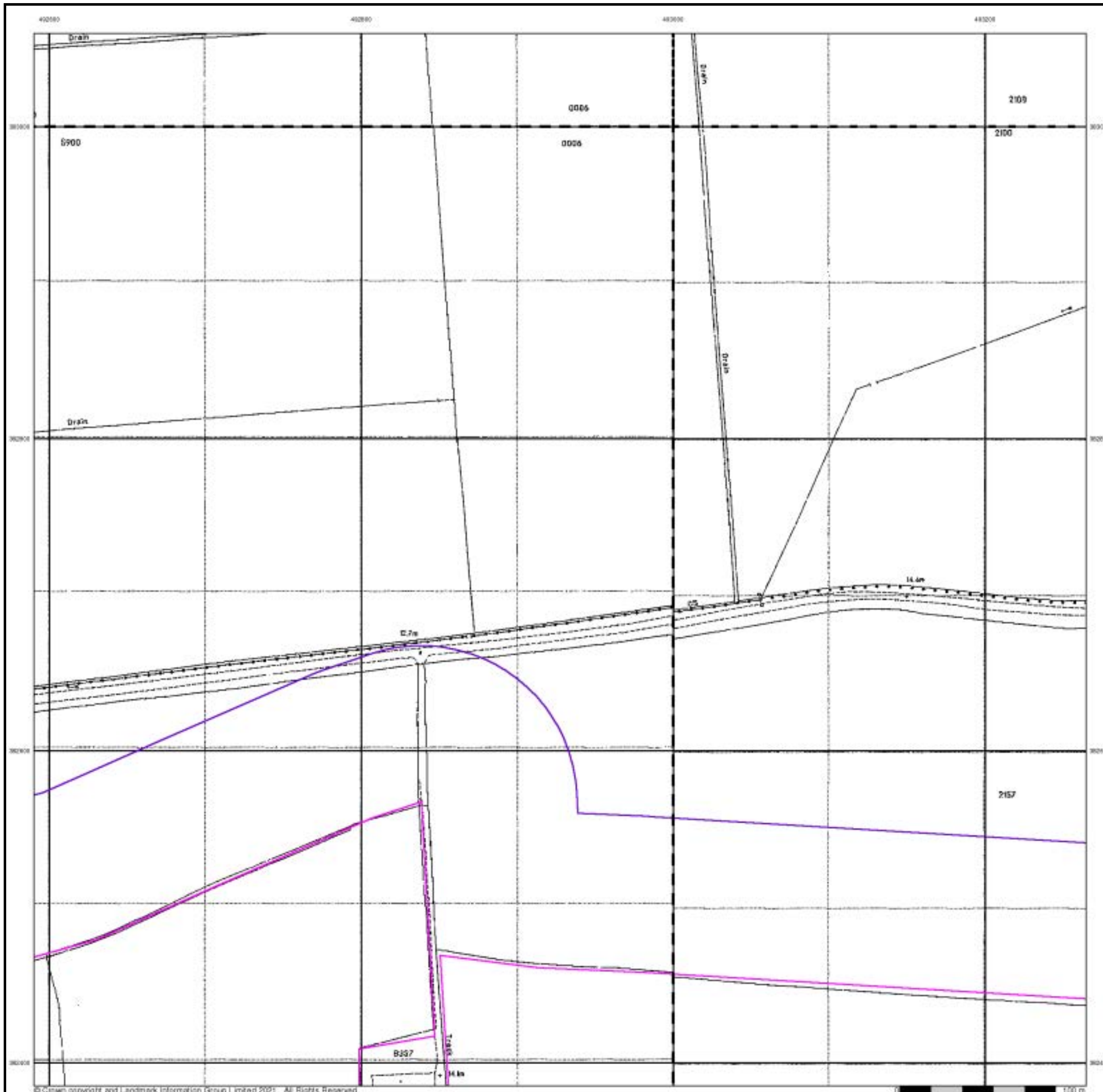


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

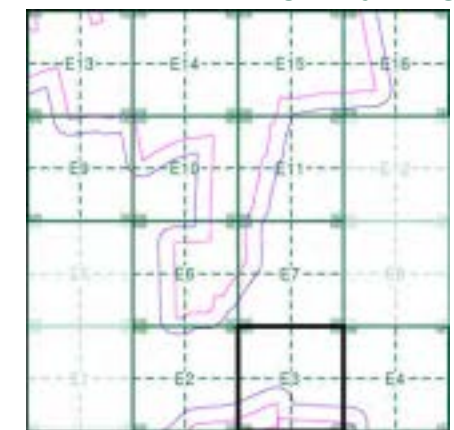


## Historical Aerial Photography

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 E3



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

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

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

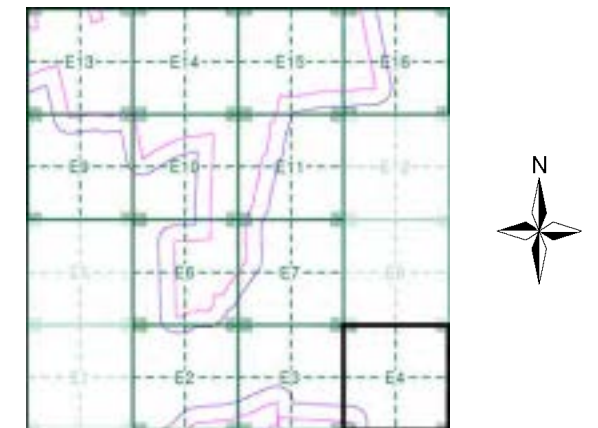
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **Bracken**  
**Coppice, Osier**   **Reeds**   **Marsh, Saltings**  
**Rough Grassland**   **Heath**   **Culvert**  
**Direction of water flow**   **Triangulation Station**   **Antiquity (site of)**  
**Electricity Transmission Line**   **Electricity Pylon**  
**BM 231.60m** Bench Mark   **Buildings with Building Seed**  
**Roofed Building**   **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks** Barracks   **P** Pillar, Pole or Post  
**Bty** Battery   **PO** Post Office  
**Cemy** Cemetery   **PC** Public Convenience  
**Chy** Chimney   **Pp** Pump  
**Cis** Cistern   **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway   **PW** Place of Worship  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment E4



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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



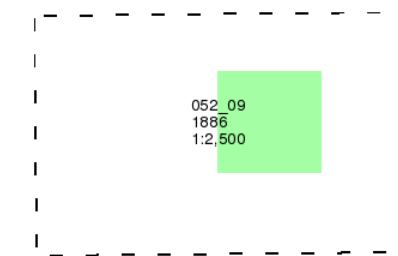
**Lincolnshire**

**Published 1886**

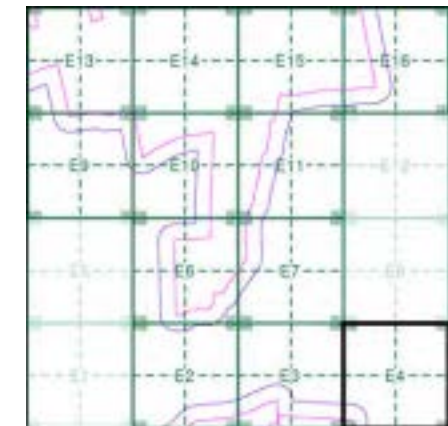
**Source map scale - 1:2,500**

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 E4**

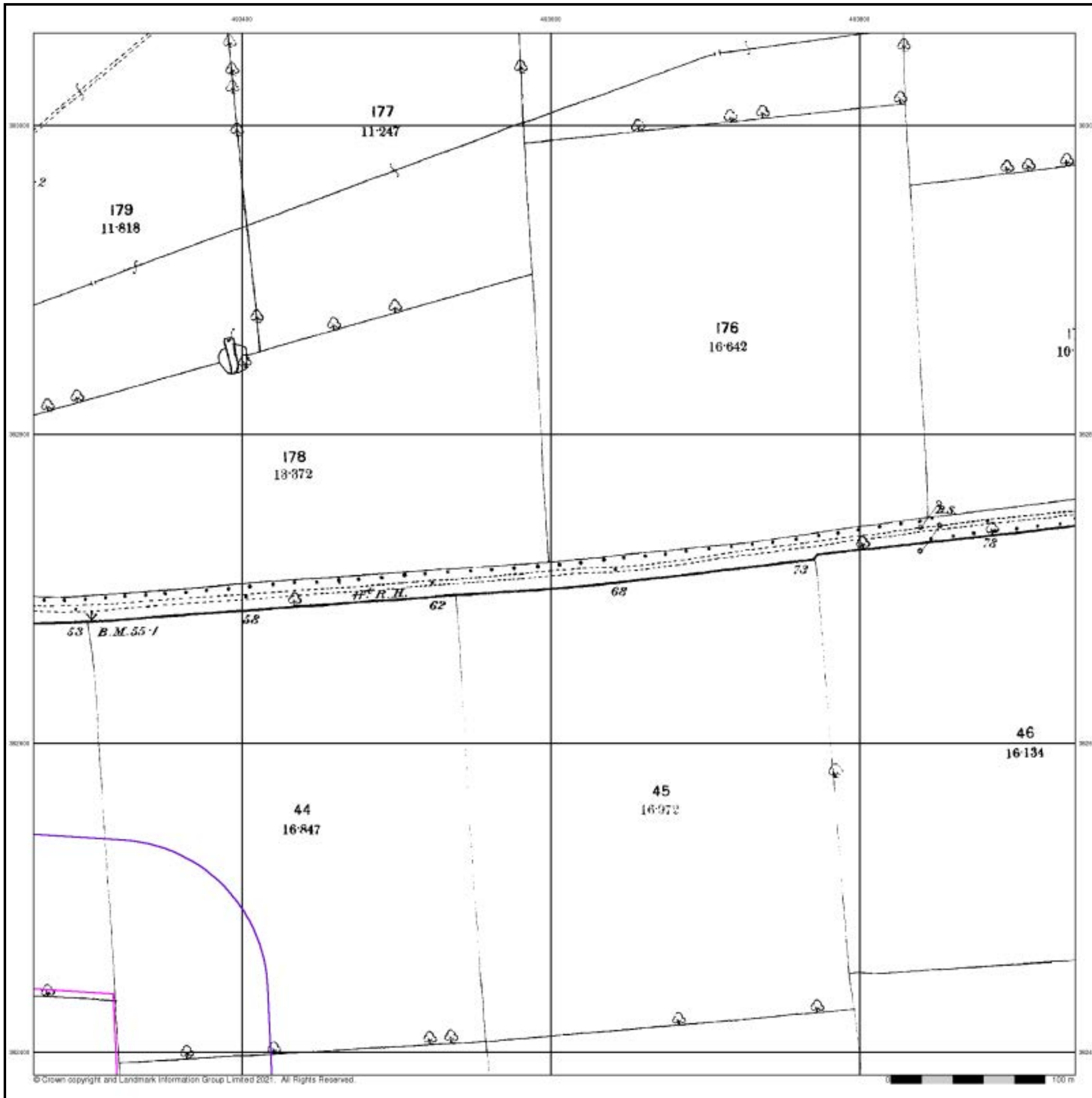


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



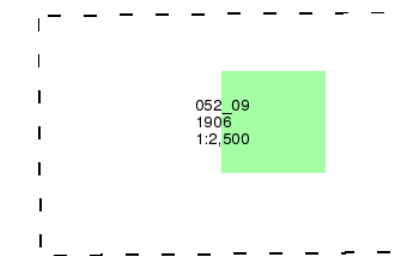
**Lincolnshire**

**Published 1906**

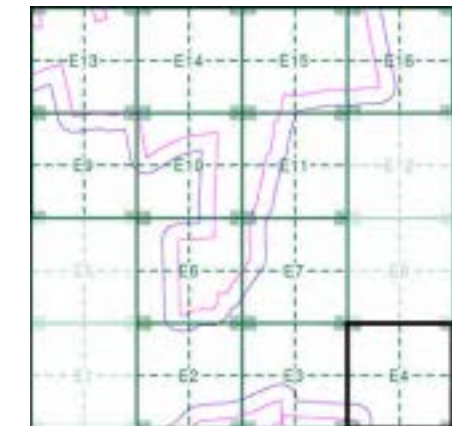
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment E4**

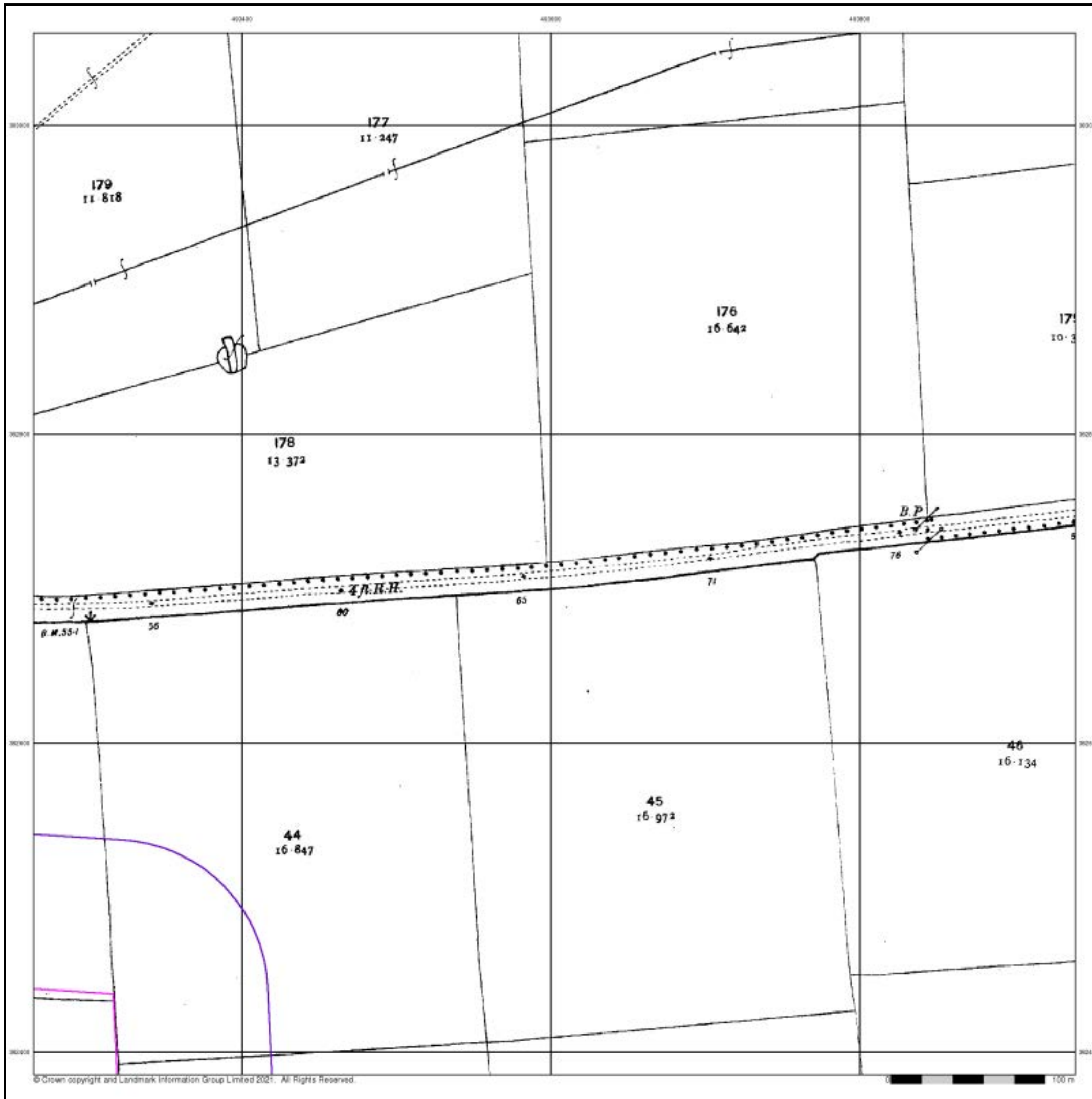


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Ordnance Survey Plan

Published 1974

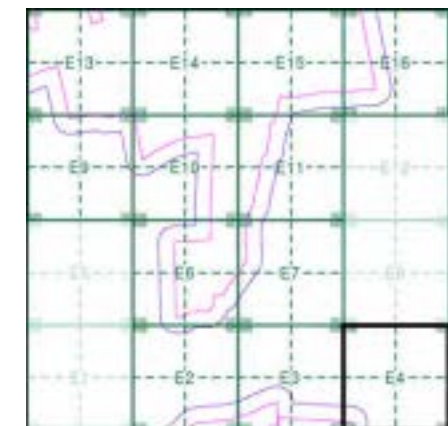
Source map scale - 1:2,500

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)

SK9383
1974
1:2,500
SK9382
1974
1:2,500

### Historical Map - Segment E4

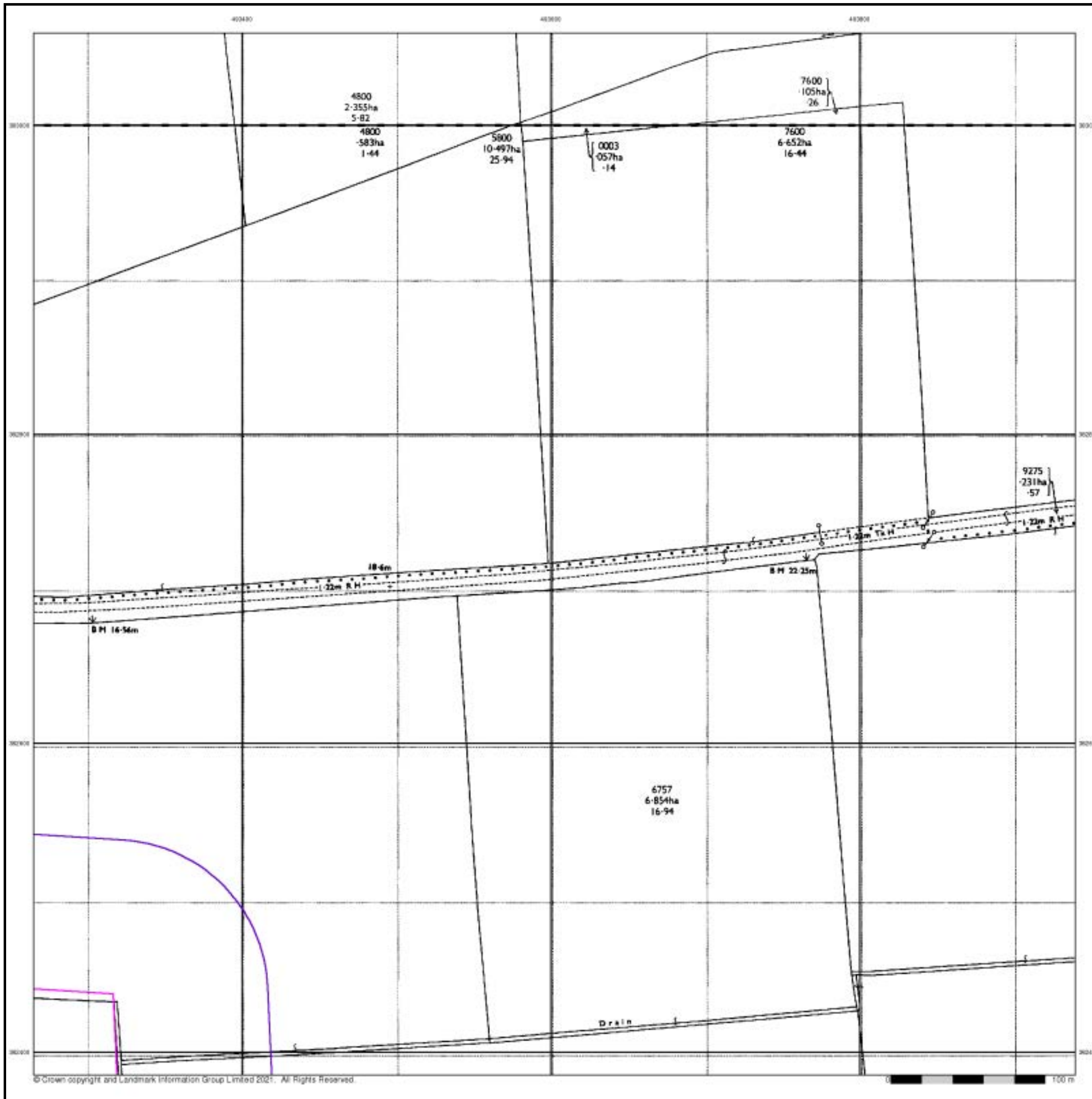


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

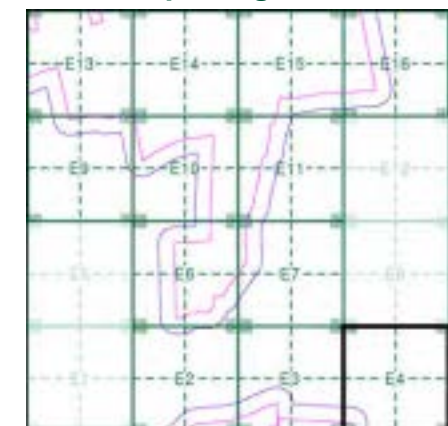
Source map scale - 1:2,500

'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)

SK9383	1994	1:2,500
SK9382	1994	1:2,500

### Historical Map - Segment E4

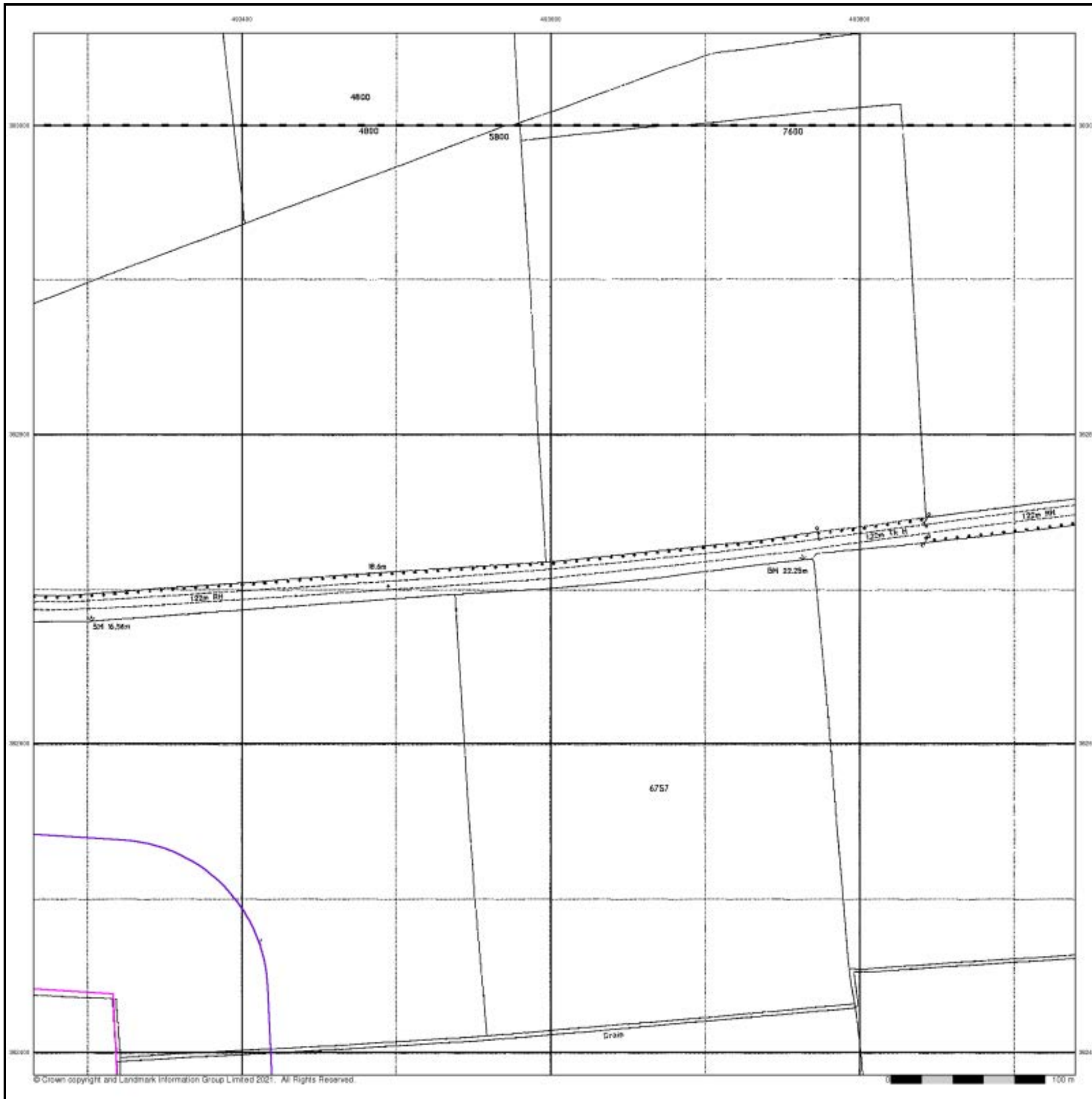


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

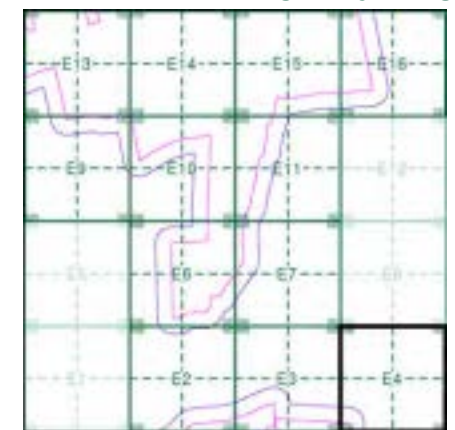


## Historical Aerial Photography

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 E4

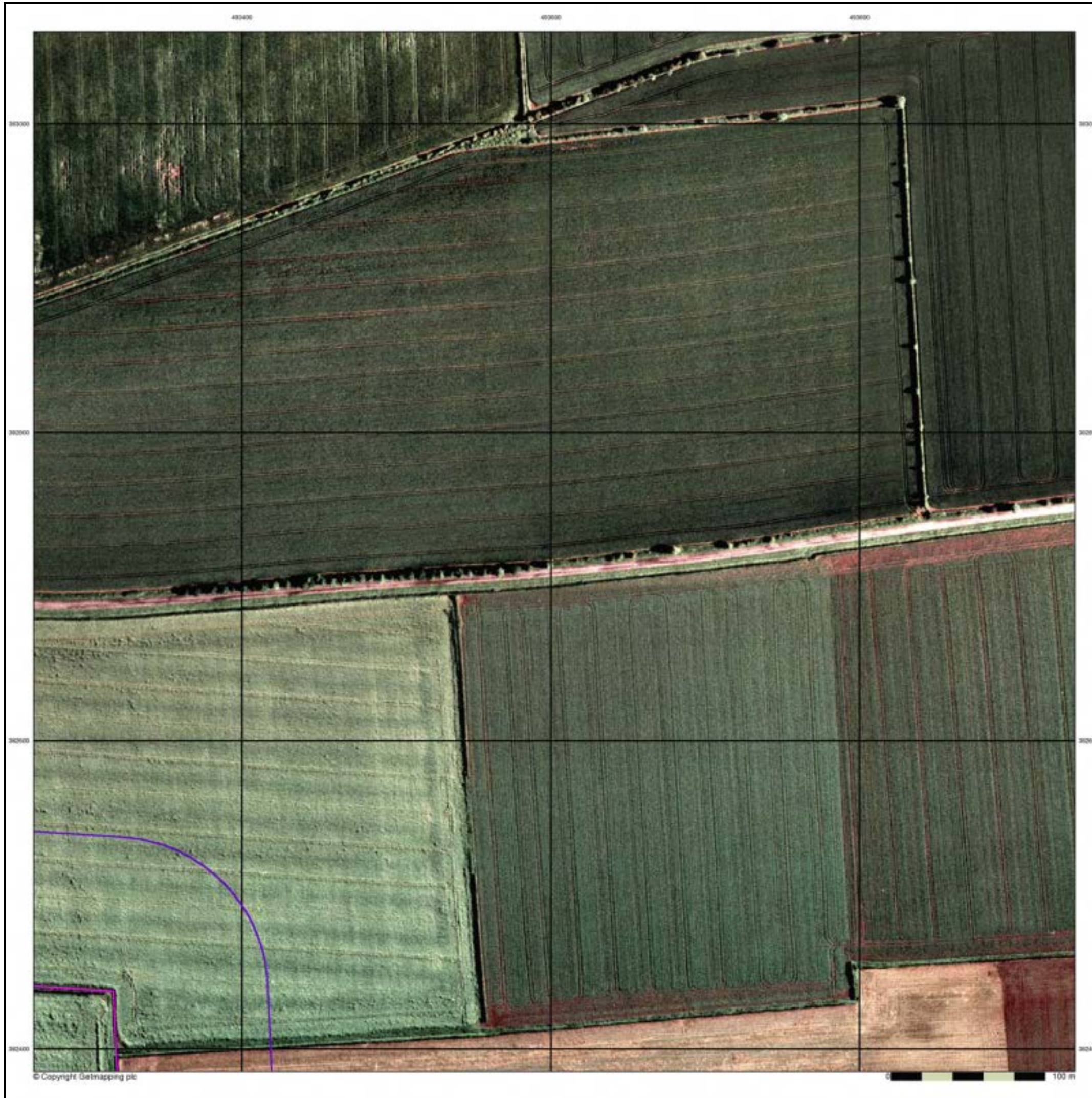


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# 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**

**Roofed Building**      **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**      **↑ B.M.** 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  
- x - - - 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 Fm** 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. 231.50m** Bench Mark      **Buildings with Building Seed**

**Roofed Building**      **Glazed Roof Building**

. . . . . Civil parish/community boundary  
- - - - - District boundary  
- . - - - County boundary  
. . . . . Boundary post/stone  
o . . . . . Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

**Bks** Barracks      **P** Pillar, Pole or Post  
**Bty** Battery      **PO** Post Office  
**Cemy** Cemetery      **PC** Public Convenience  
**Chy** Chimney      **Pp** Pump  
**Cis** Cistern      **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway      **PW** Place of Worship  
**El Gen Sta** Electricity Generating Station      **Sewage Ppg Sta** Sewage Pumping Station

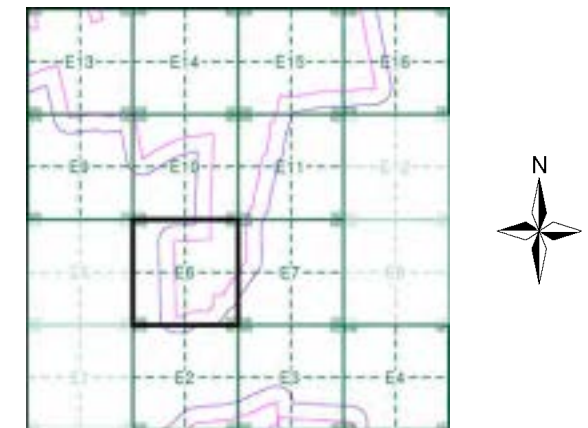
**EI P** Electricity Pole, Pillar      **SB, S Br** Signal Box or Bridge  
**EI Sub Sta** Electricity Sub Station      **SP, SL** Signal Post or Light  
**FB** Filter Bed      **Spr** Spring  
**Fn / D Fn** Fountain / Drinking Ftn.      **Tk** Tank or Track  
**Gas Gov** Gas Valve Compound      **Tr** 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment E6



## Order Details

Order Number: 287330989\_1\_1  
Customer Ref: 21-1088.02  
National Grid Reference: 492450, 384020  
Slice: E  
Site Area (Ha): 884.45  
Search Buffer (m): 100

## Site Details

Cottam 1



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

**Lincolnshire**  
**Published 1886**

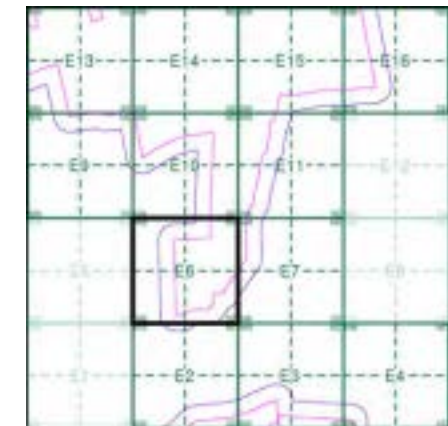
**Source map scale - 1:2,500**

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)**

051_08 1886 1:2,500	052_05 1886 1:2,500
051_12 1886 1:2,500	052_09 1886 1:2,500

**Historical Map - Segment E6**

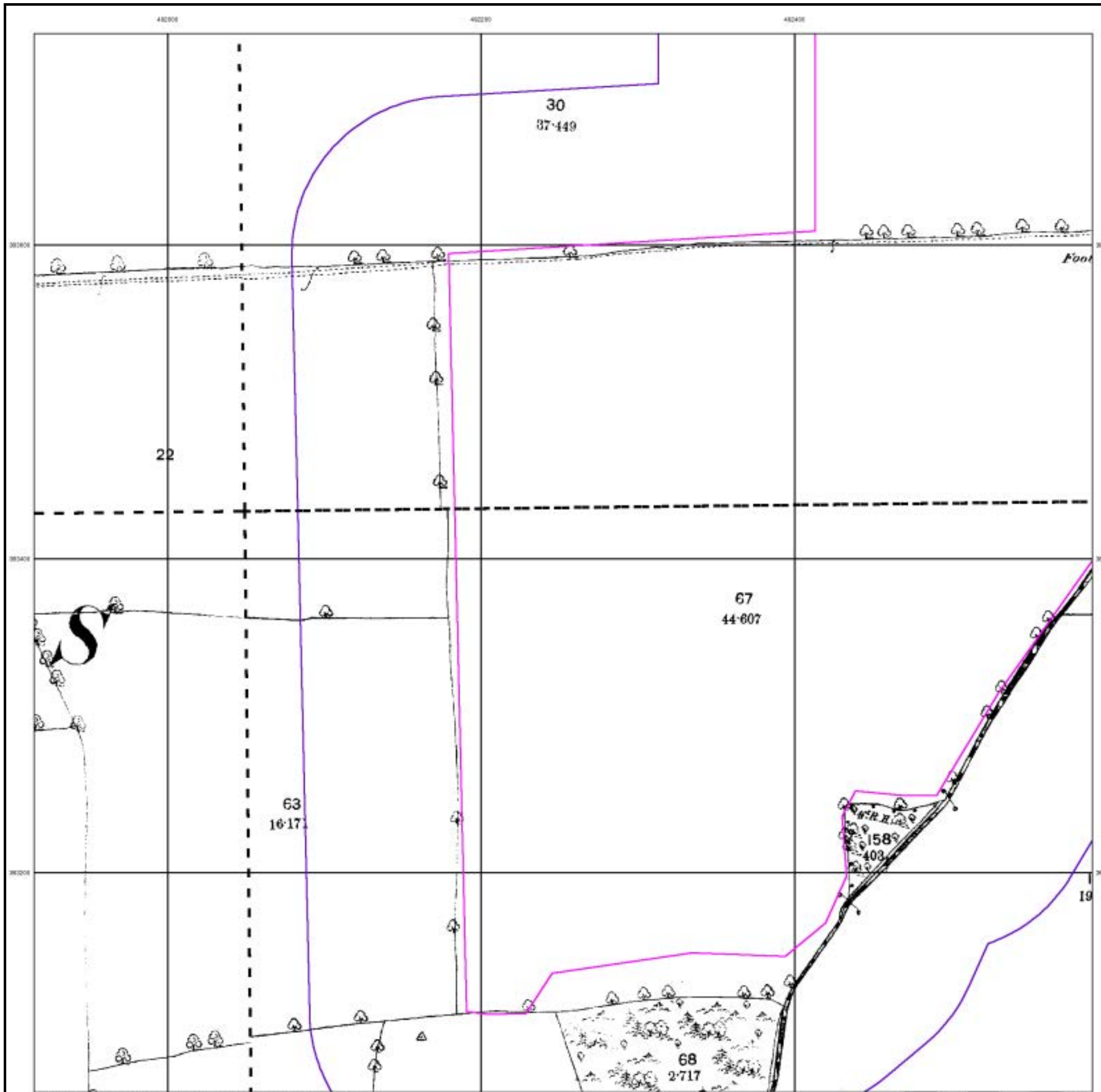


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Lincolnshire

Published 1906

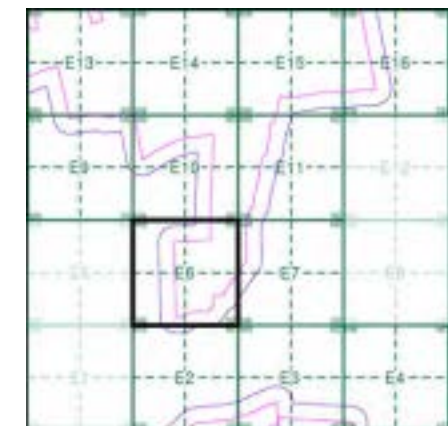
Source map scale - 1:2,500

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

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

051_08 1906 1:2,500	052_05 1906 1:2,500
051_12 1906 1:2,500	052_09 1906 1:2,500

### Historical Map - Segment E6

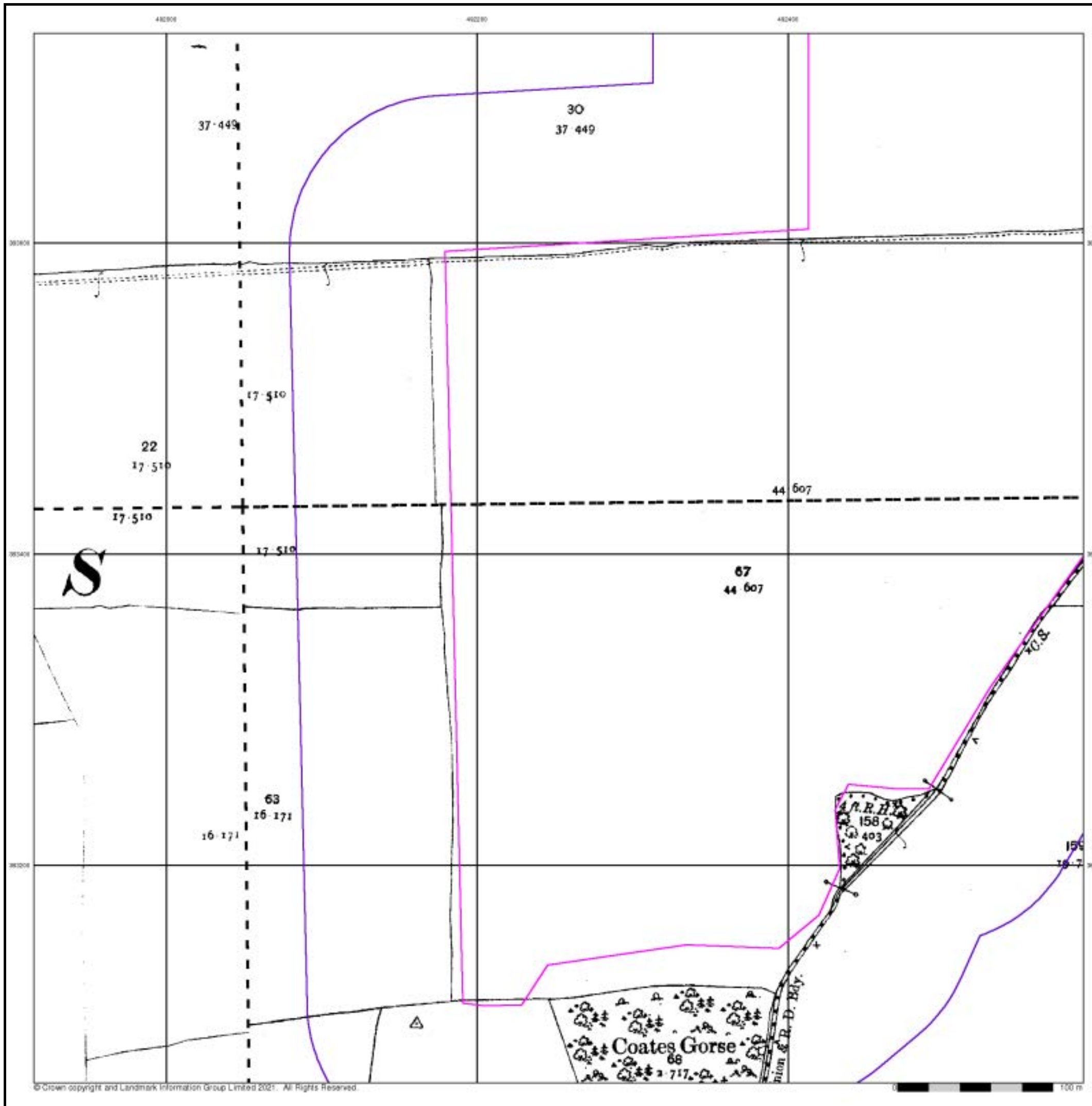


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





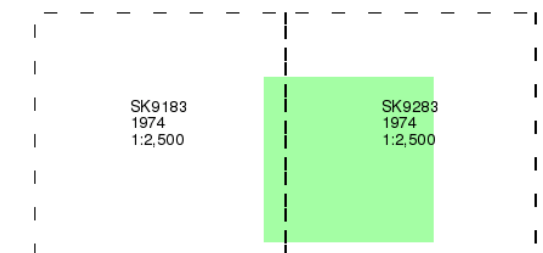
## Ordnance Survey Plan

Published 1974

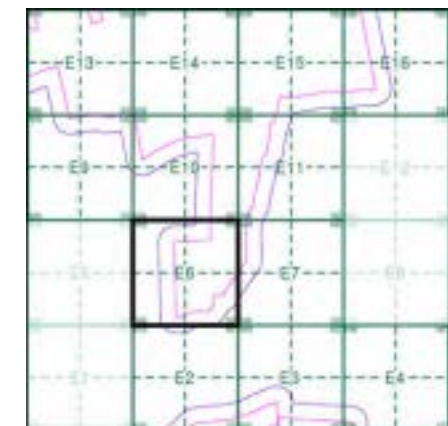
Source map scale - 1:2,500

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 E6

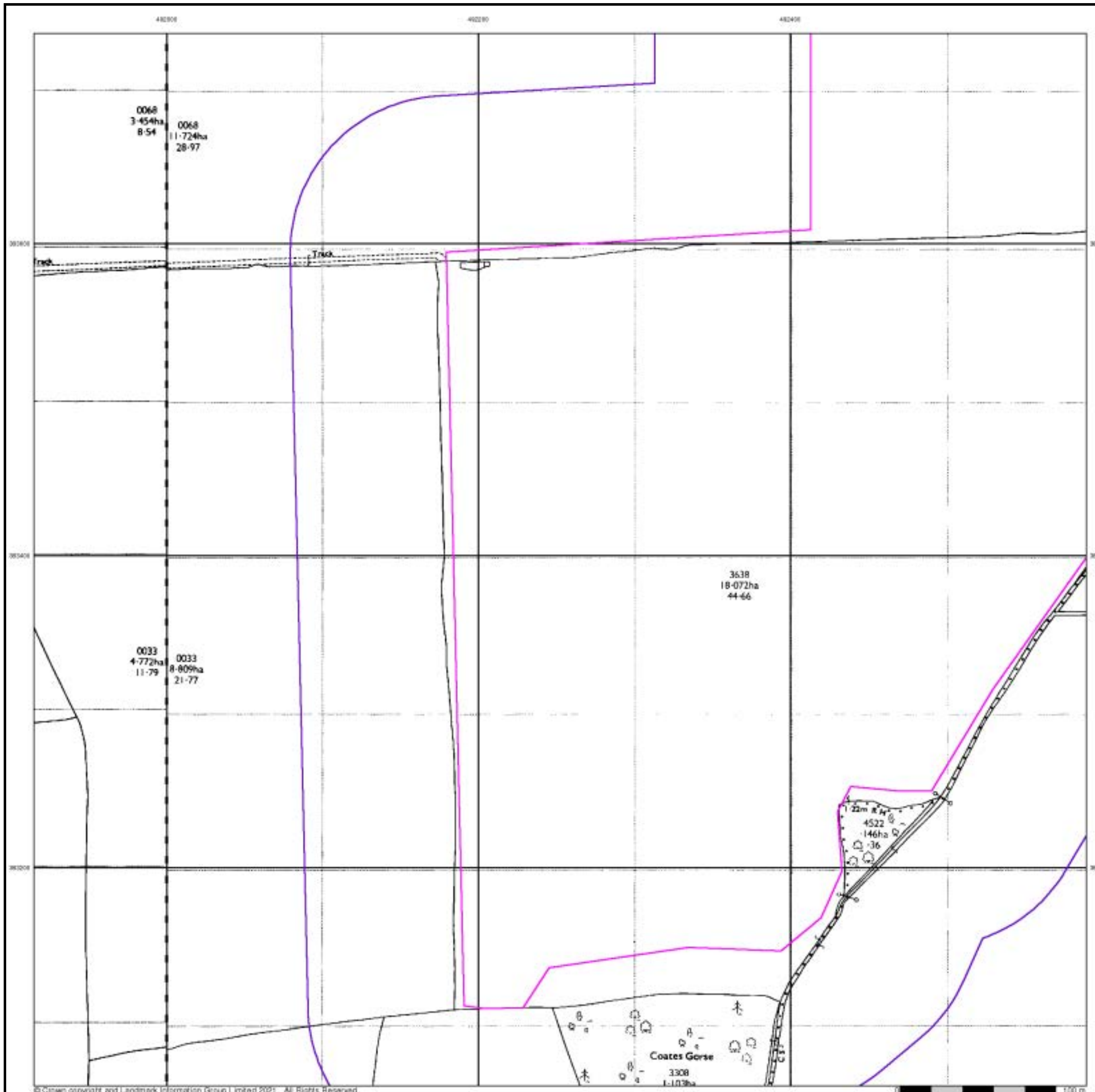


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



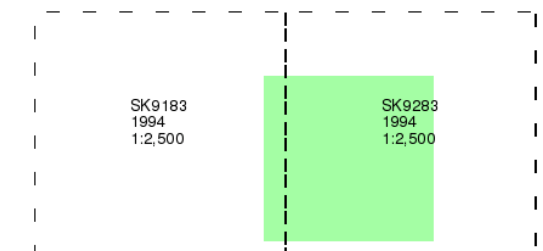
## Large-Scale National Grid Data

Published 1994

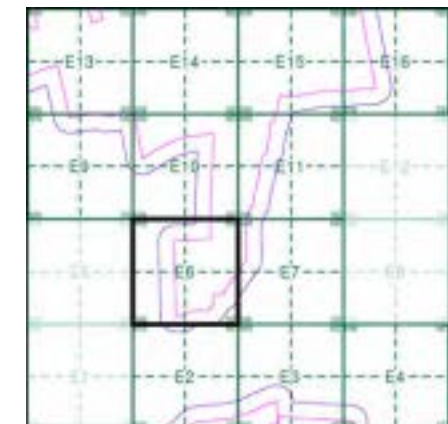
Source map scale - 1:2,500

'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 E6

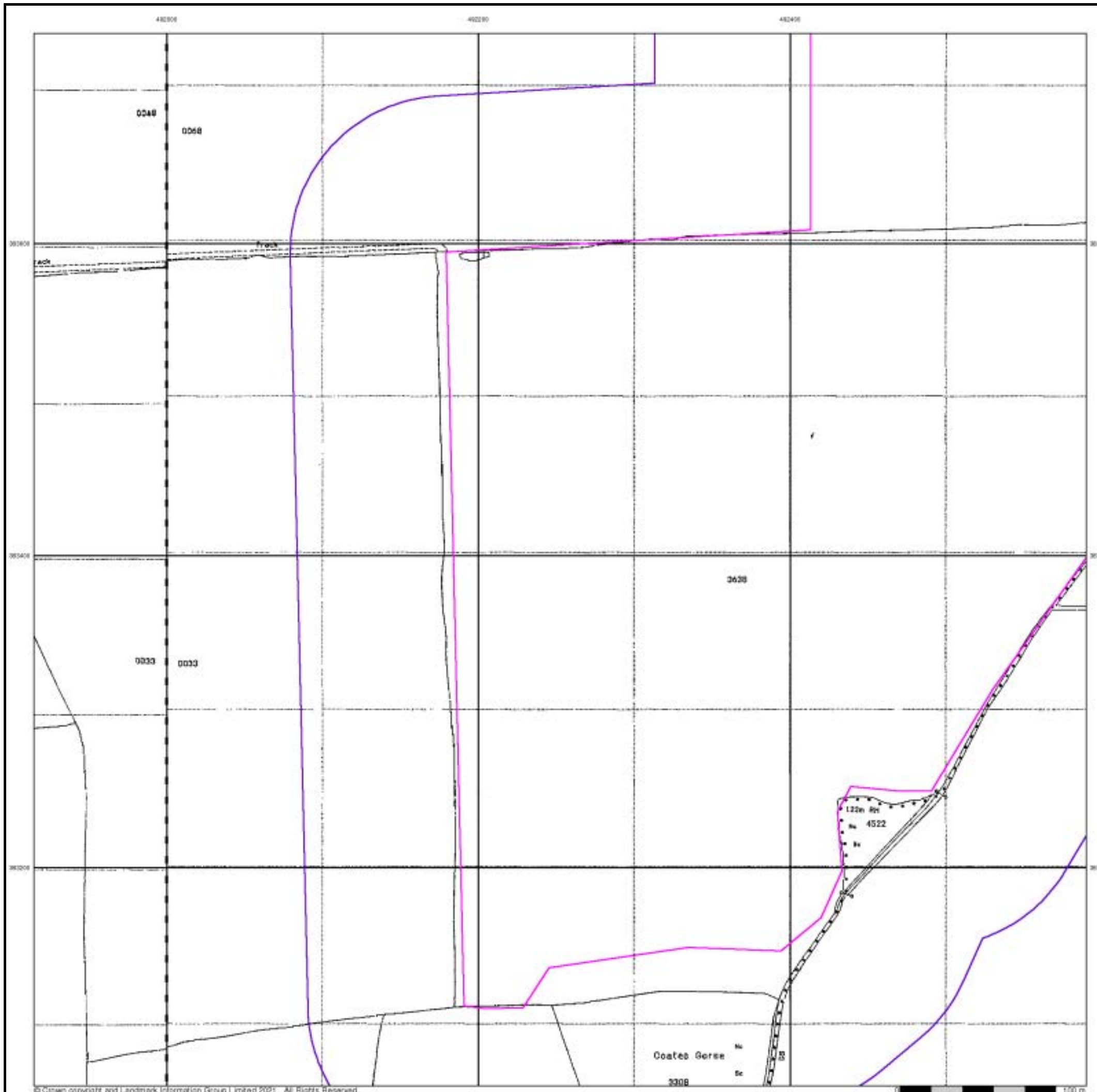


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

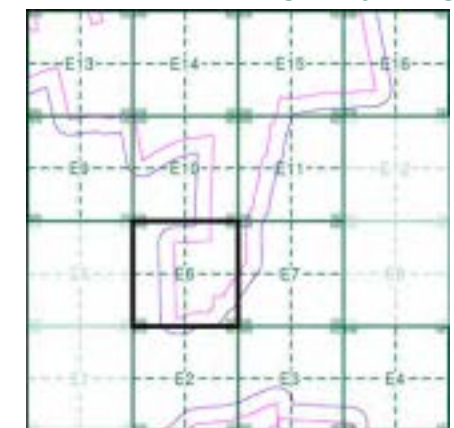


## Historical Aerial Photography

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 E6

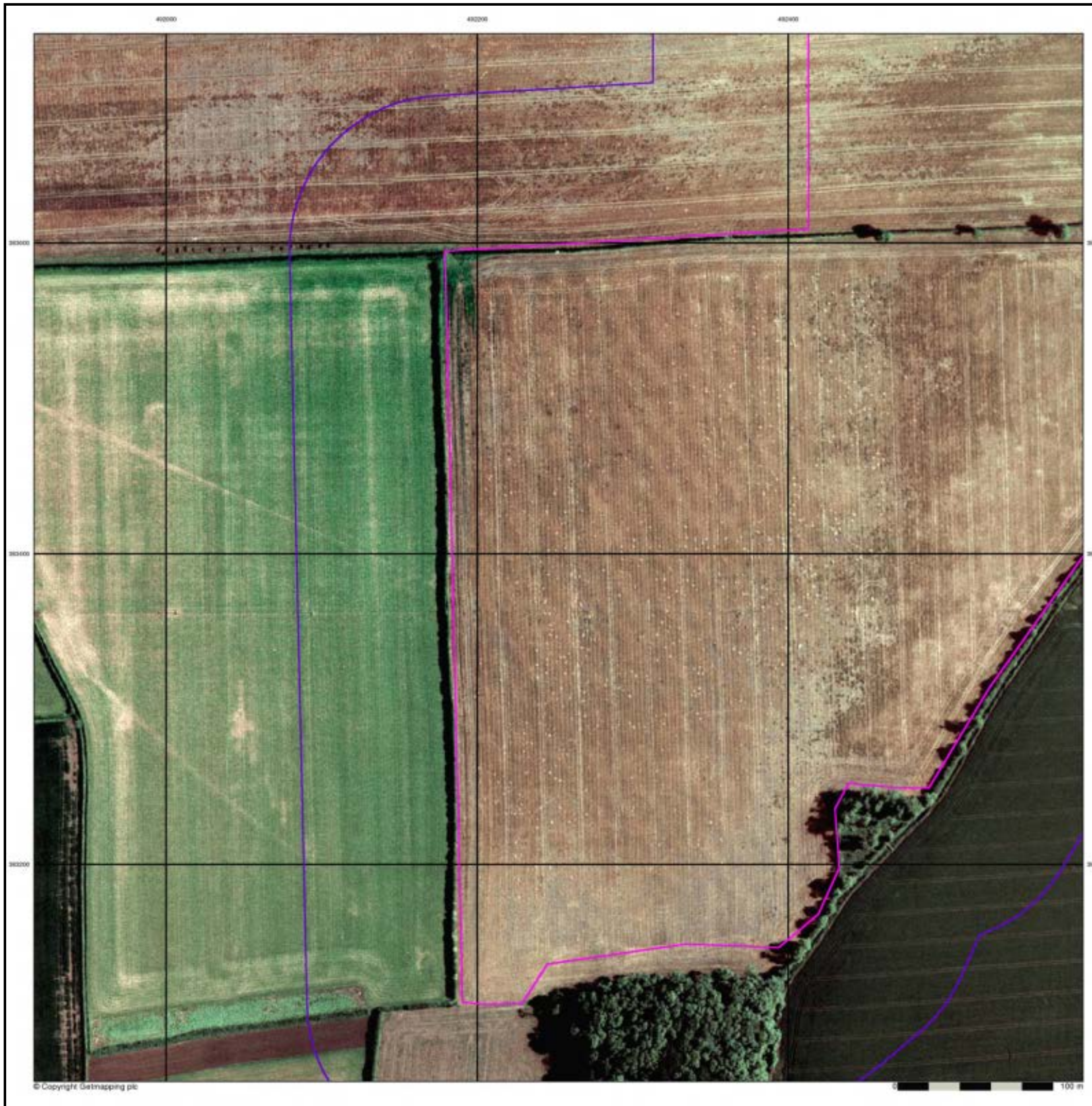


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

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

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

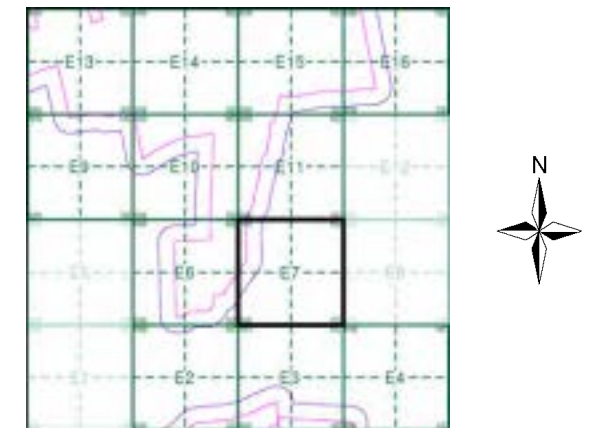
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **Bracken**  
**Coppice, Osier**   **Reeds**   **Marsh, Saltings**  
**Rough Grassland**   **Heath**   **Culvert**  
**Direction of water flow**   **Triangulation Station**   **Antiquity (site of)**  
**Electricity Transmission Line**   **Electricity Pylon**  
**BM 231.60m** Bench Mark   **Buildings with Building Seed**  
**Roofed Building**   **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks** Barracks   **P** Pillar, Pole or Post  
**Bty** Battery   **PO** Post Office  
**Cemy** Cemetery   **PC** Public Convenience  
**Chy** Chimney   **Pp** Pump  
**Cis** Cistern   **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway   **PW** Place of Worship  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment E7



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

## Lincolnshire

Published 1886

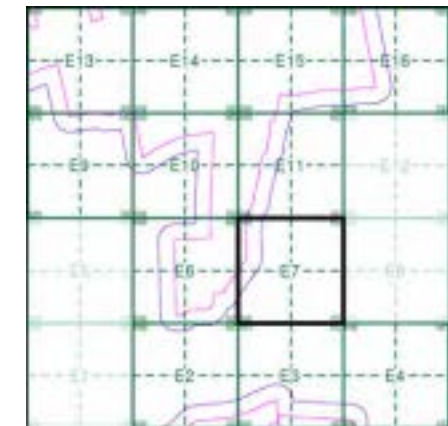
Source map scale - 1:2,500

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)

052_05
1886
1:2,500
052_09
1886
1:2,500

### Historical Map - Segment E7

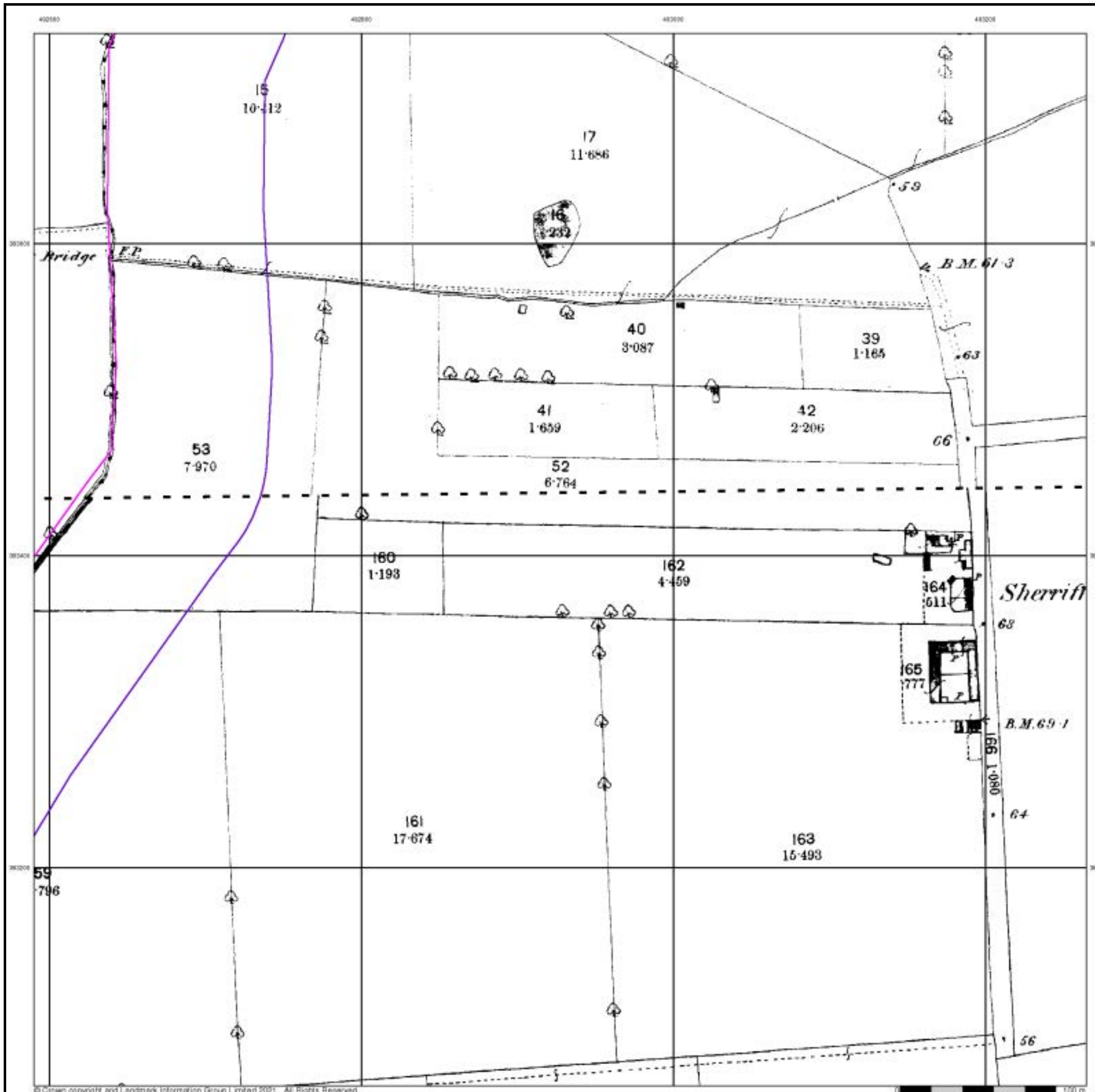


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Lincolnshire

Published 1906

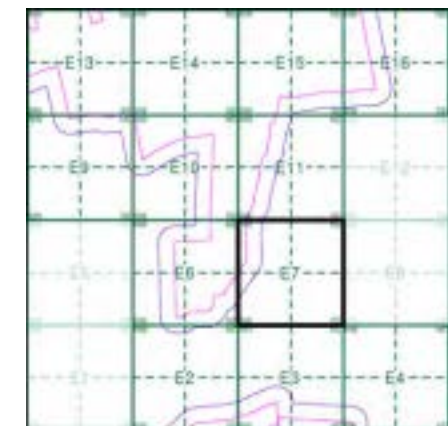
Source map scale - 1:2,500

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

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

052_05
1906
1:2,500
052_09
1906
1:2,500

### Historical Map - Segment E7

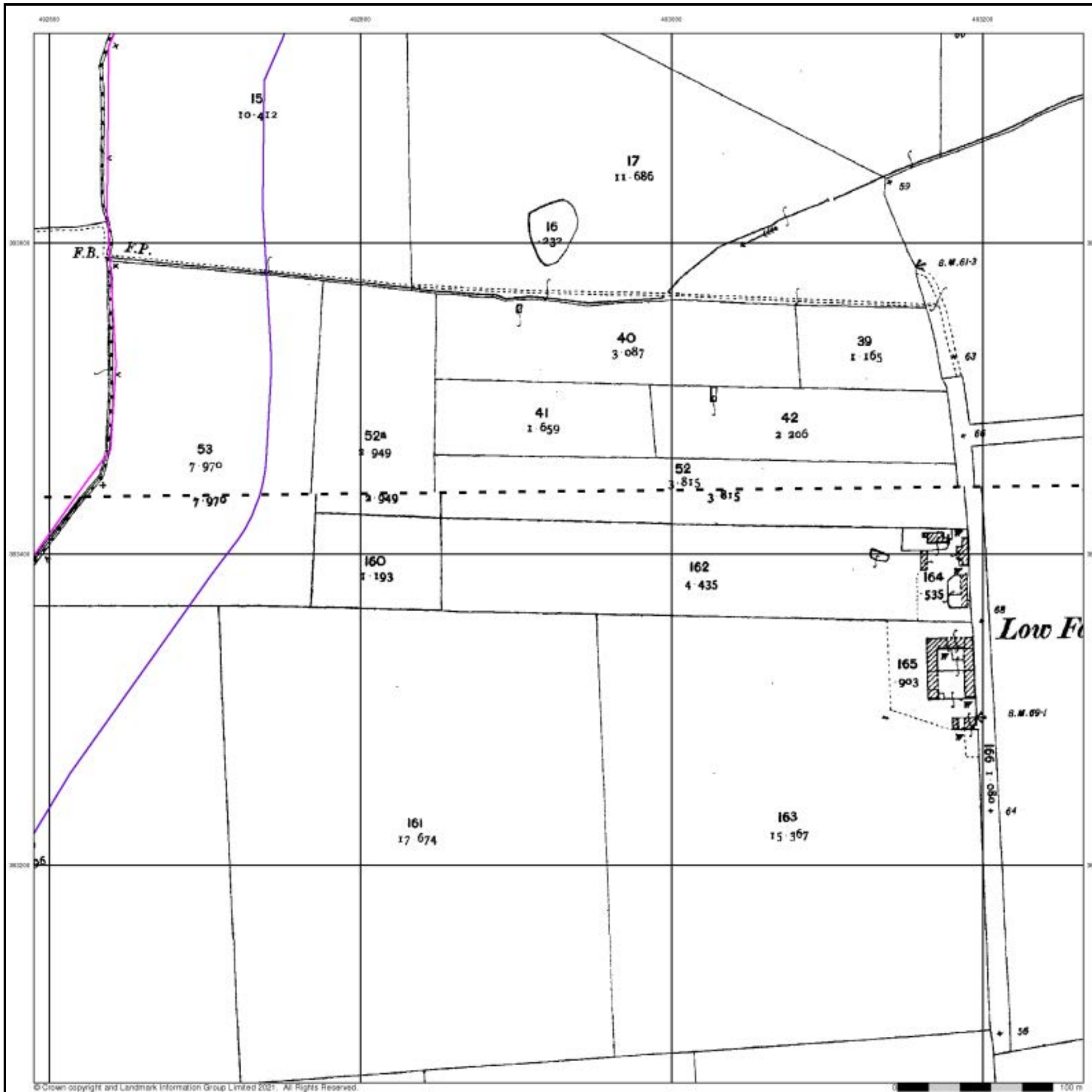


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



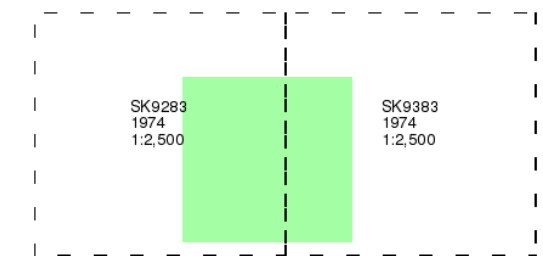
## Ordnance Survey Plan

Published 1974

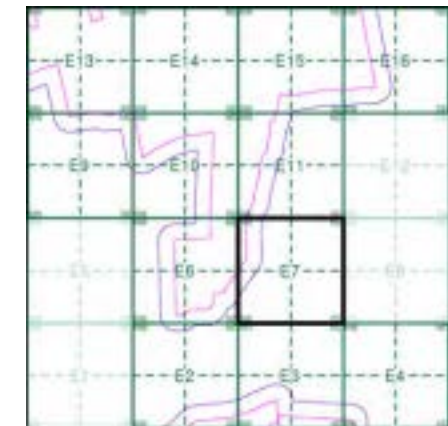
Source map scale - 1:2,500

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 E7

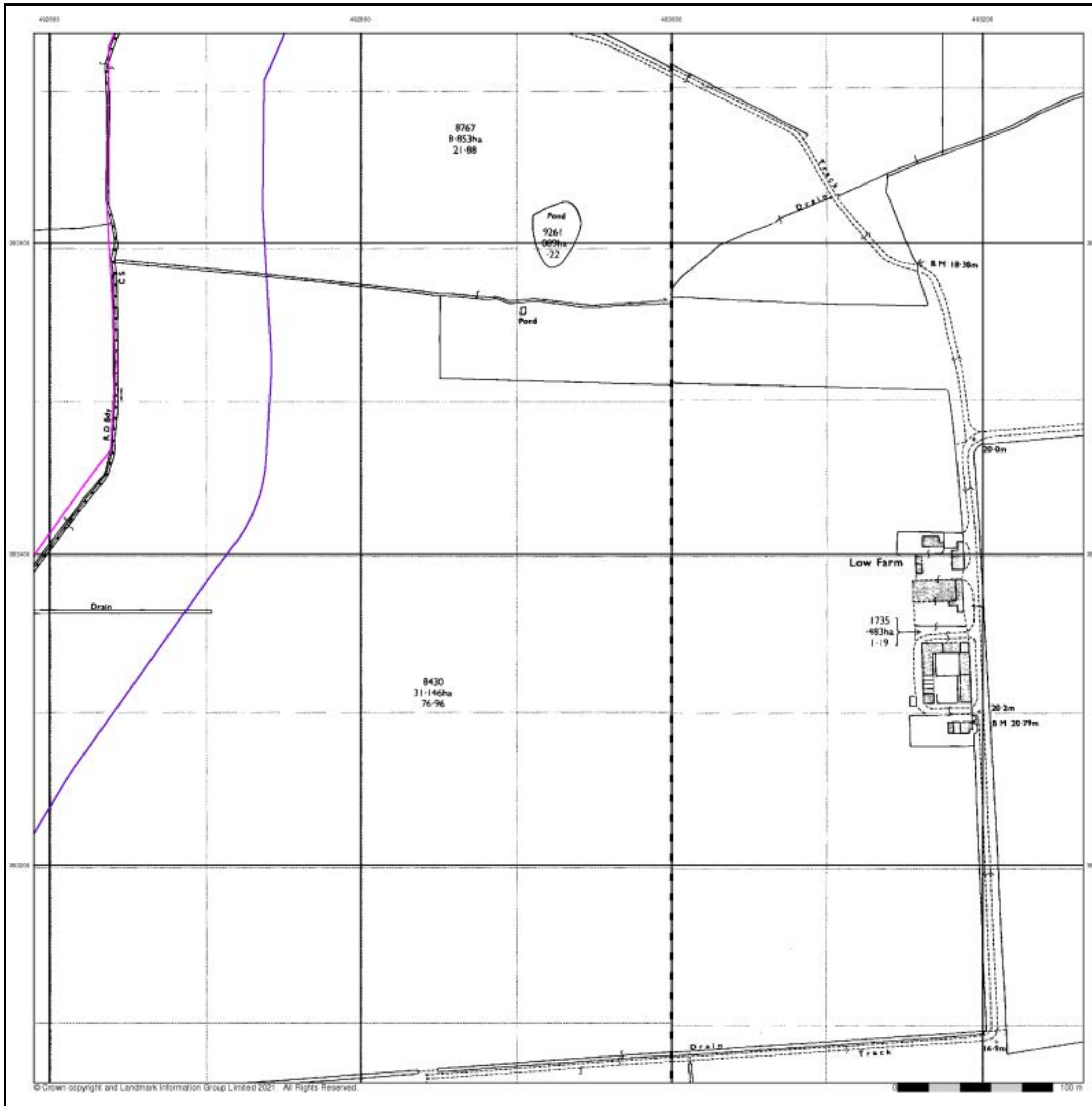


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



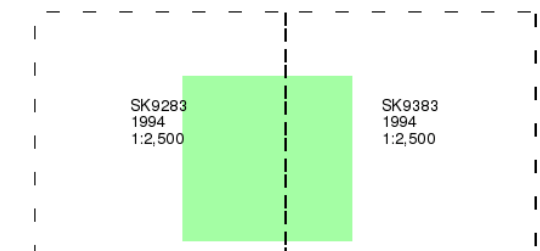
## Large-Scale National Grid Data

Published 1994

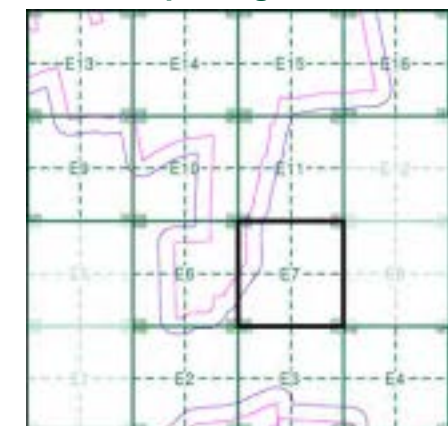
Source map scale - 1:2,500

'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 E7

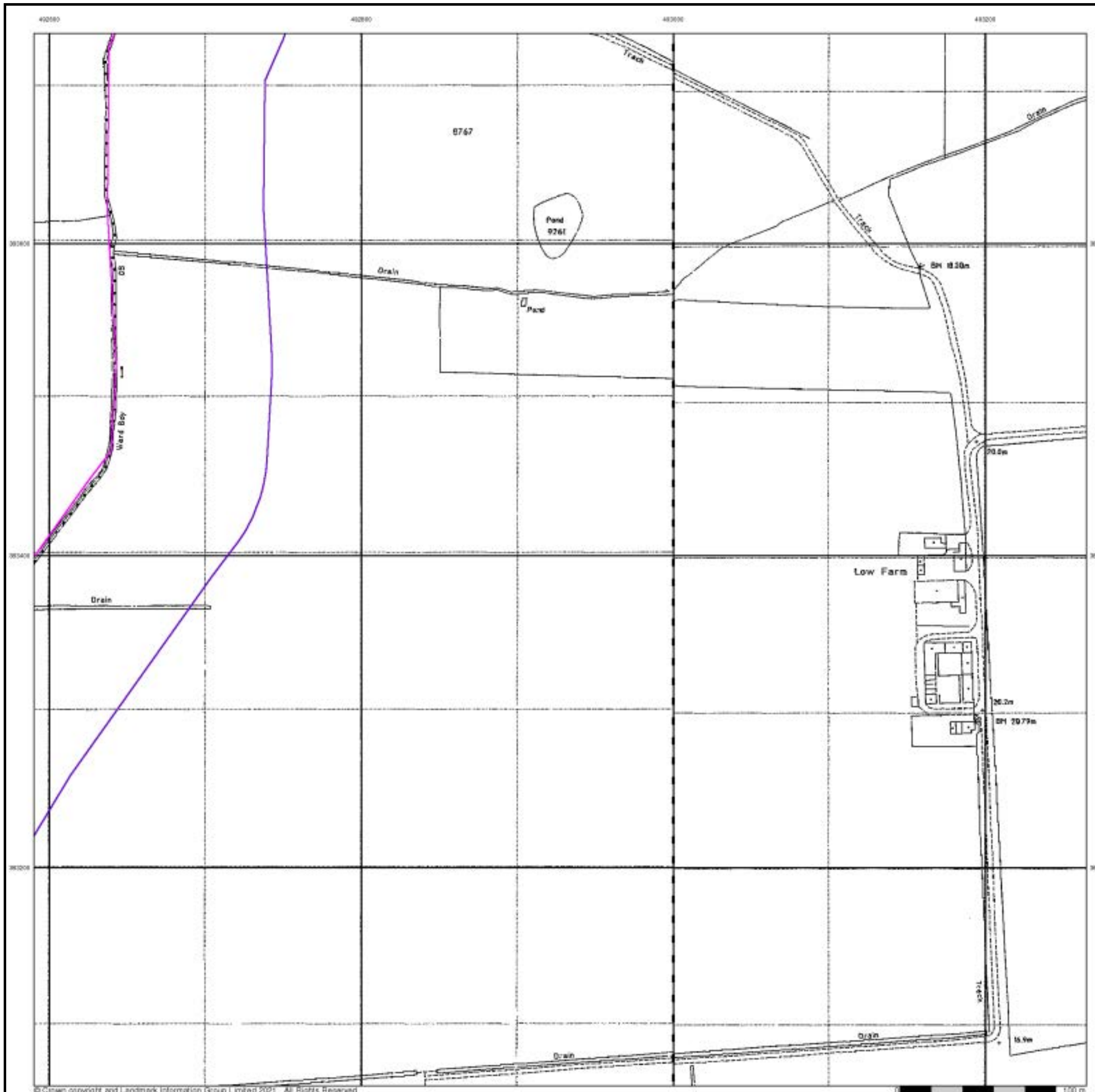


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



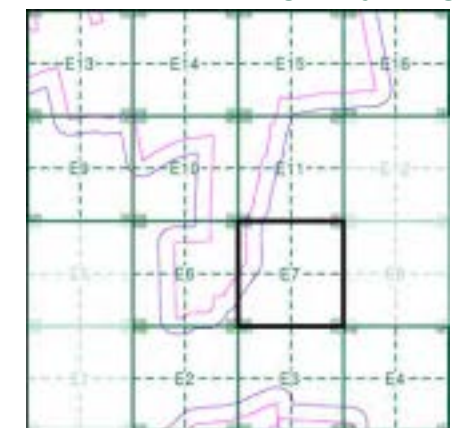


## Historical Aerial Photography

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 E7



#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

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

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

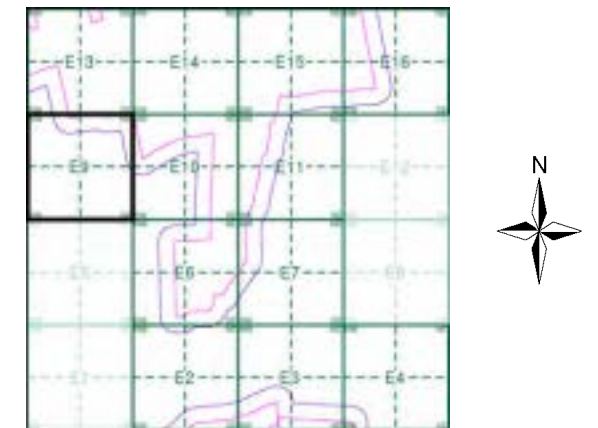
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment E9



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

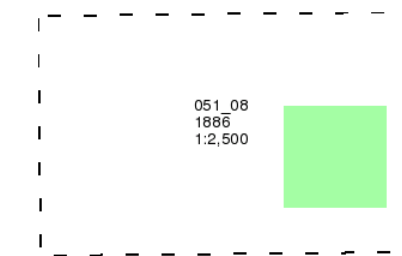
**Lincolnshire**

**Published 1886**

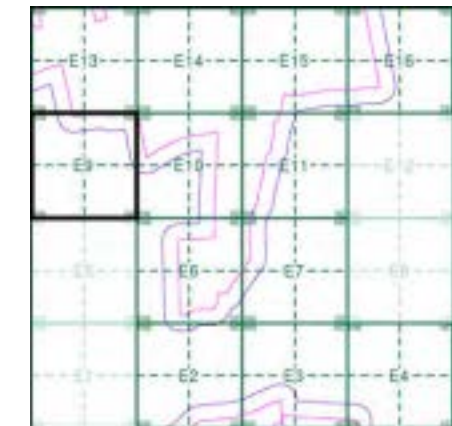
**Source map scale - 1:2,500**

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 E9**

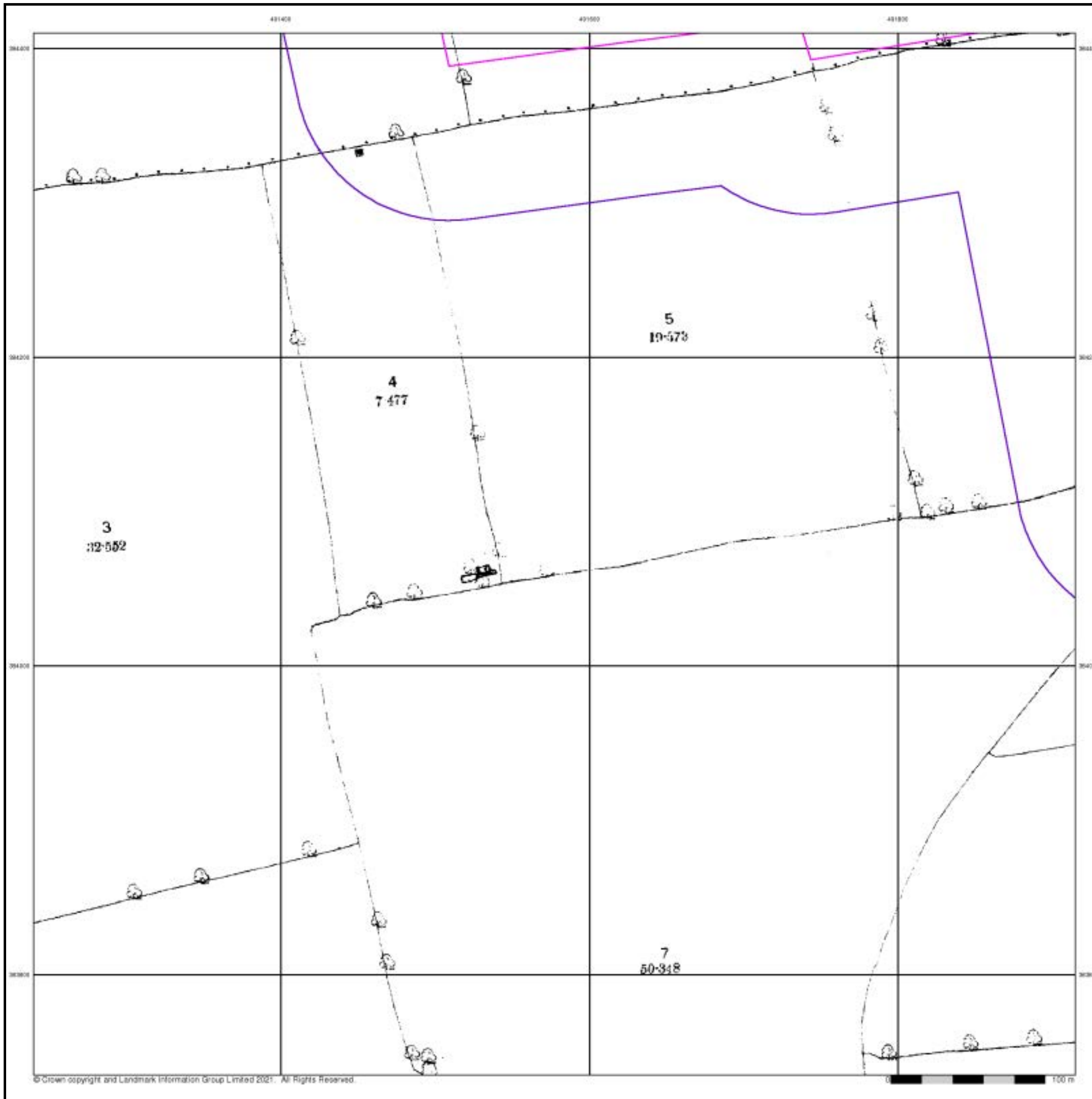


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



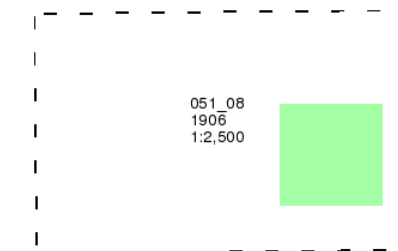
**Lincolnshire**

**Published 1906**

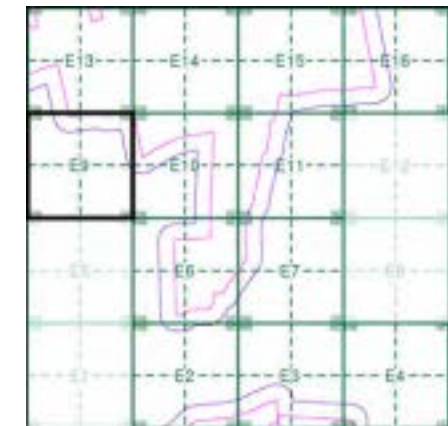
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment E9**

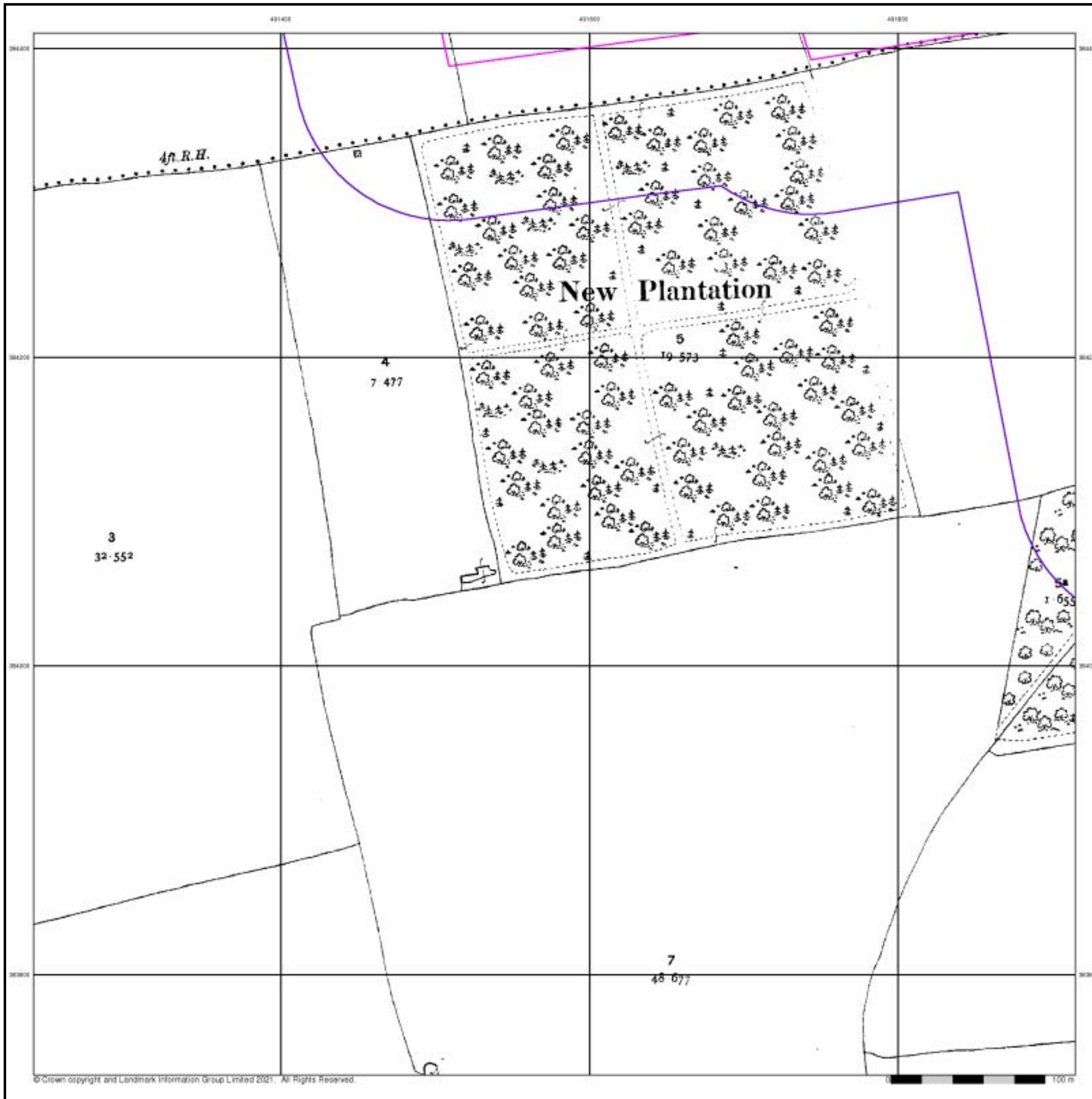


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



### Ordnance Survey Plan

Published 1974

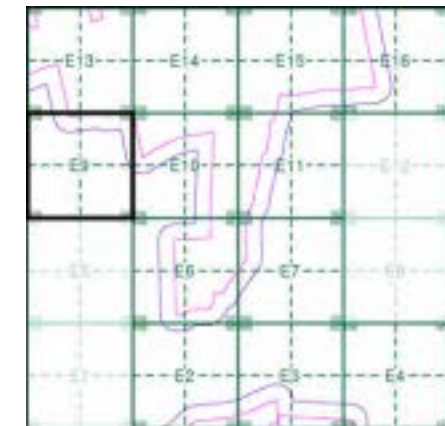
Source map scale - 1:2,500

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)

SK9184	1974	1:2,500
SK9183	1974	1:2,500

### Historical Map - Segment E9

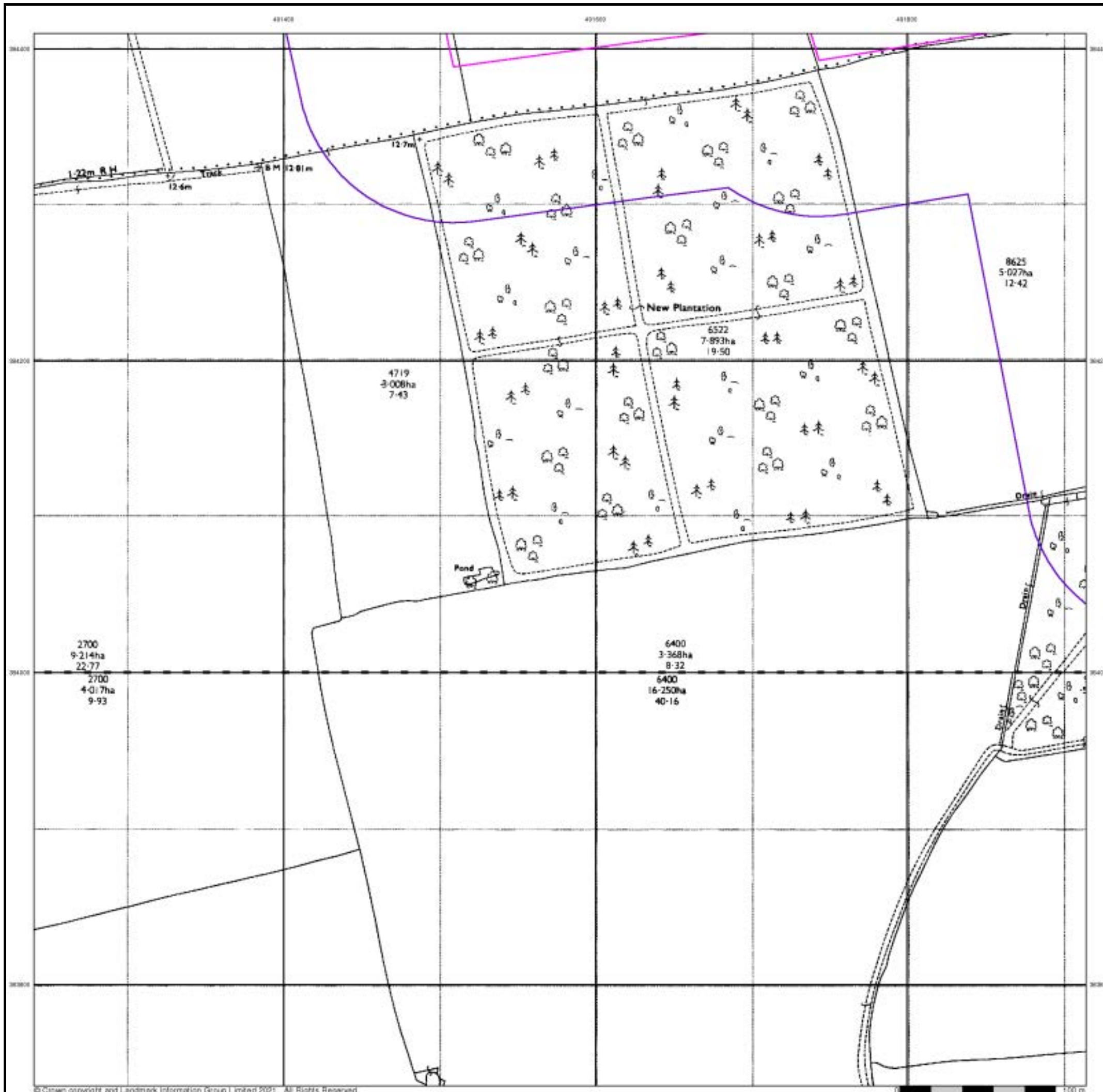


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

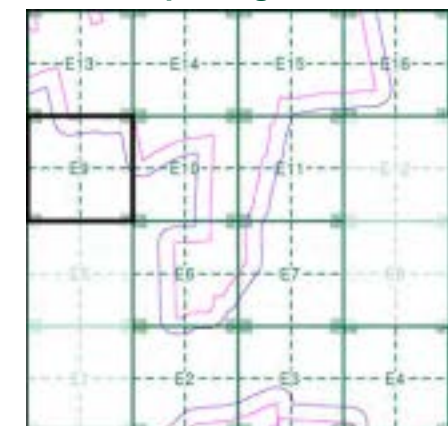
Source map scale - 1:2,500

'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)

SK9184	1994	1:2,500
SK9183	1994	1:2,500

### Historical Map - Segment E9

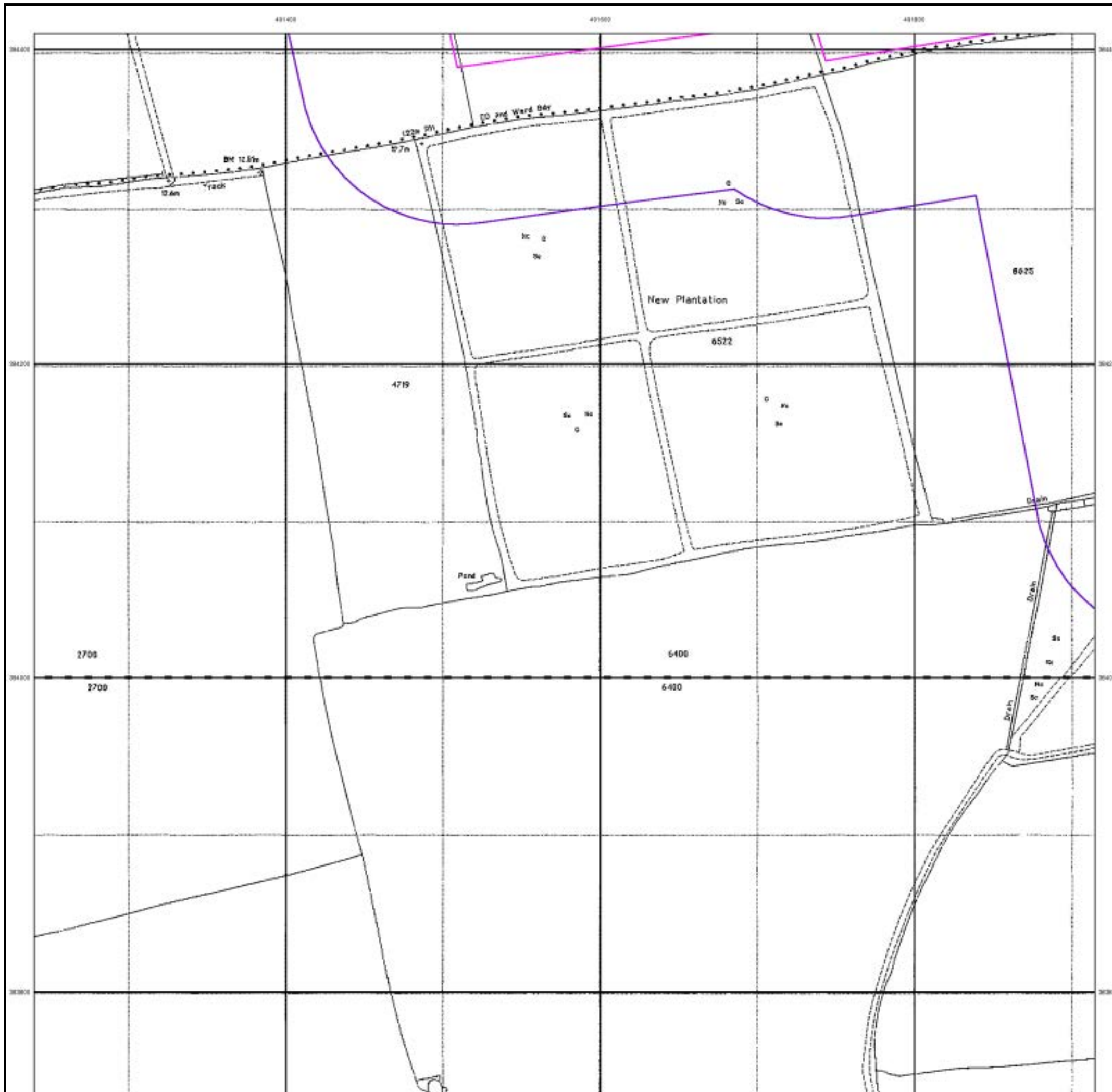


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

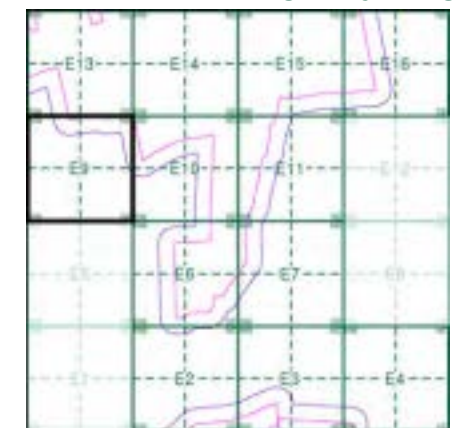


## Historical Aerial Photography

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 E9

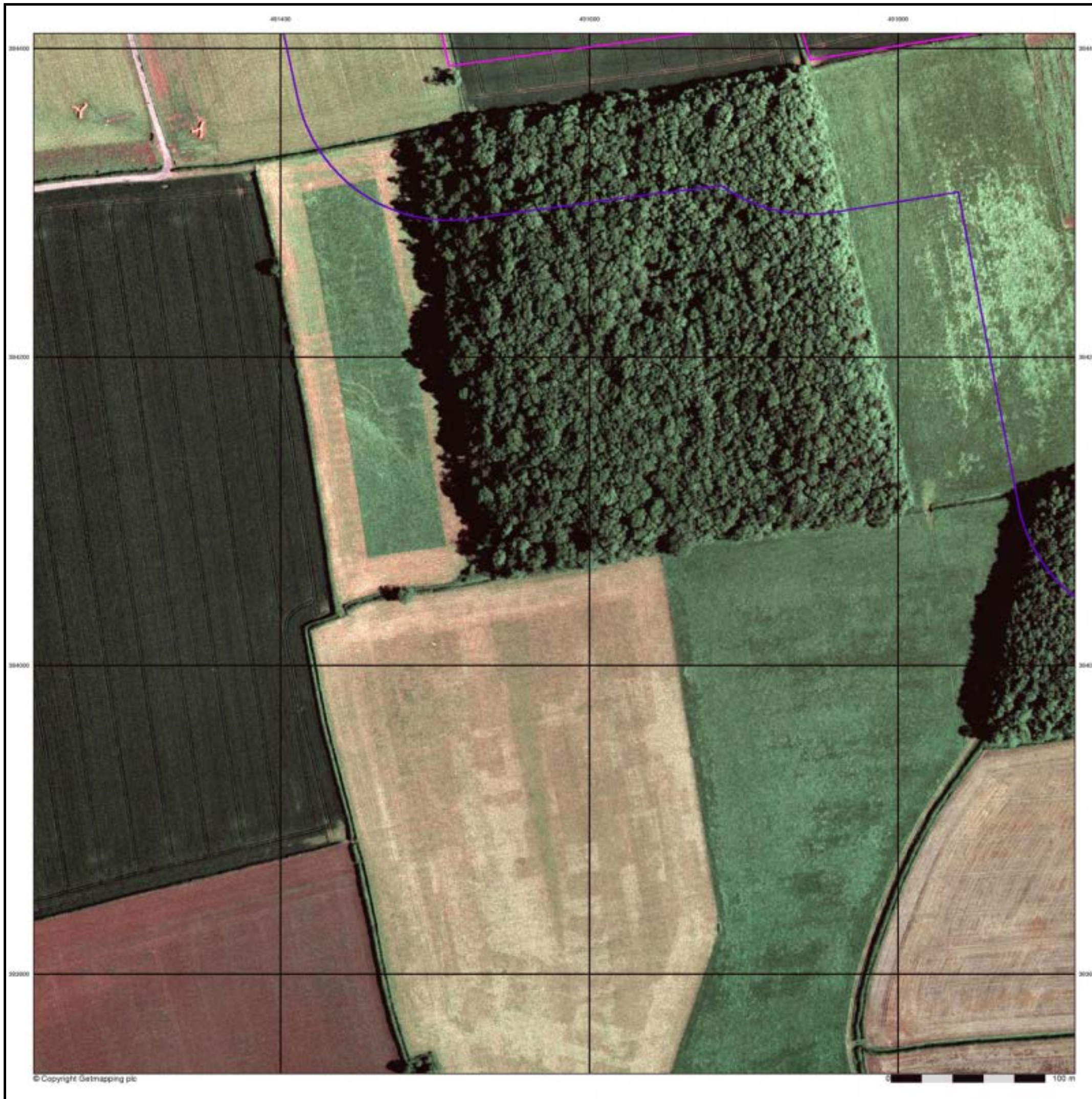


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

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

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

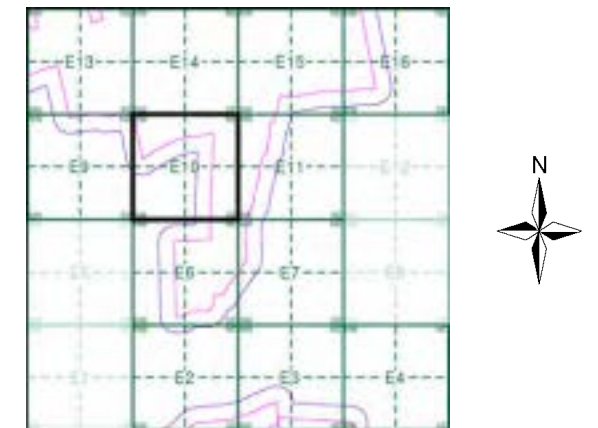
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment E10



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

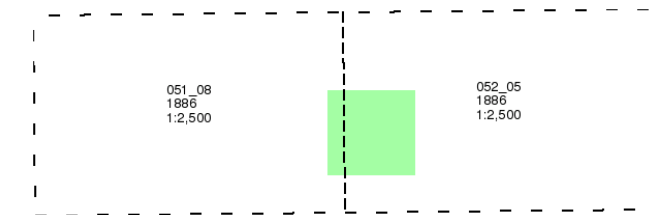


**Lincolnshire**  
**Published 1886**

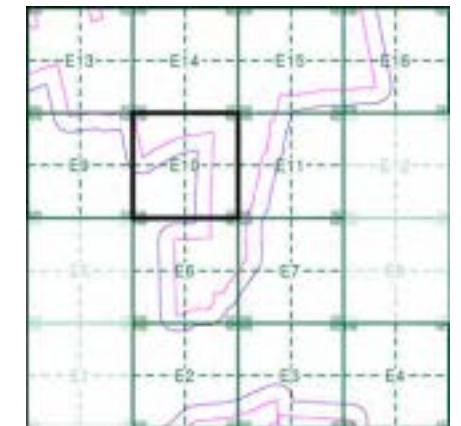
**Source map scale - 1:2,500**

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 E10**

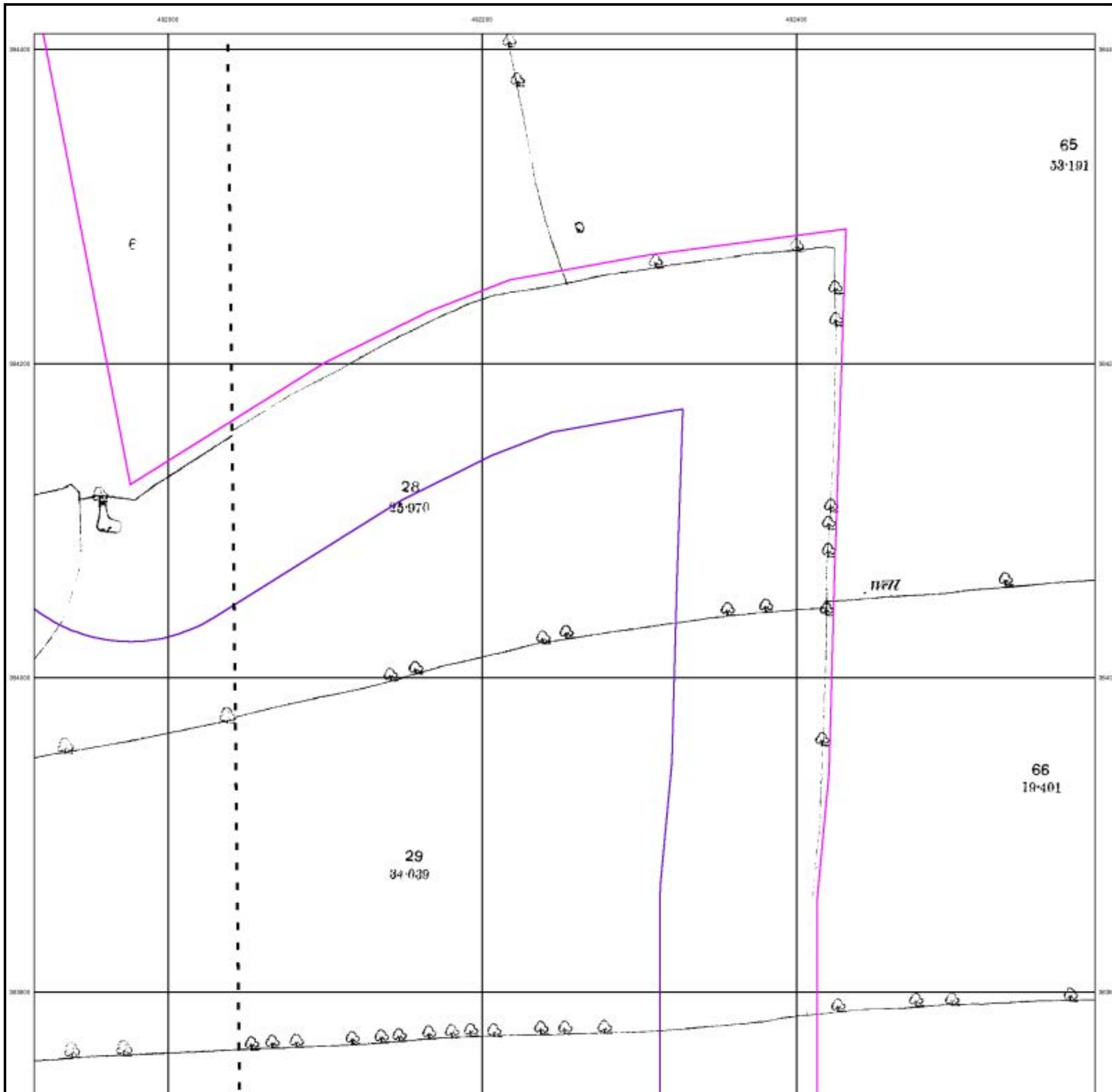


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1

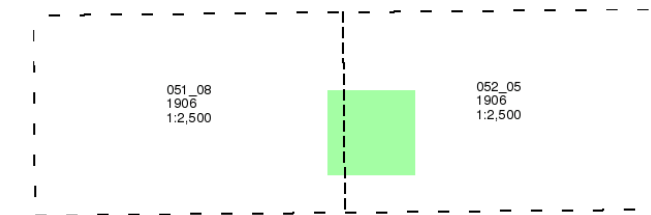


**Lincolnshire**  
**Published 1906**

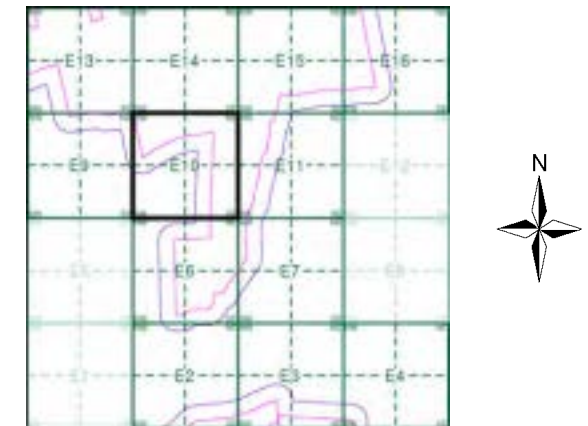
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment E10**

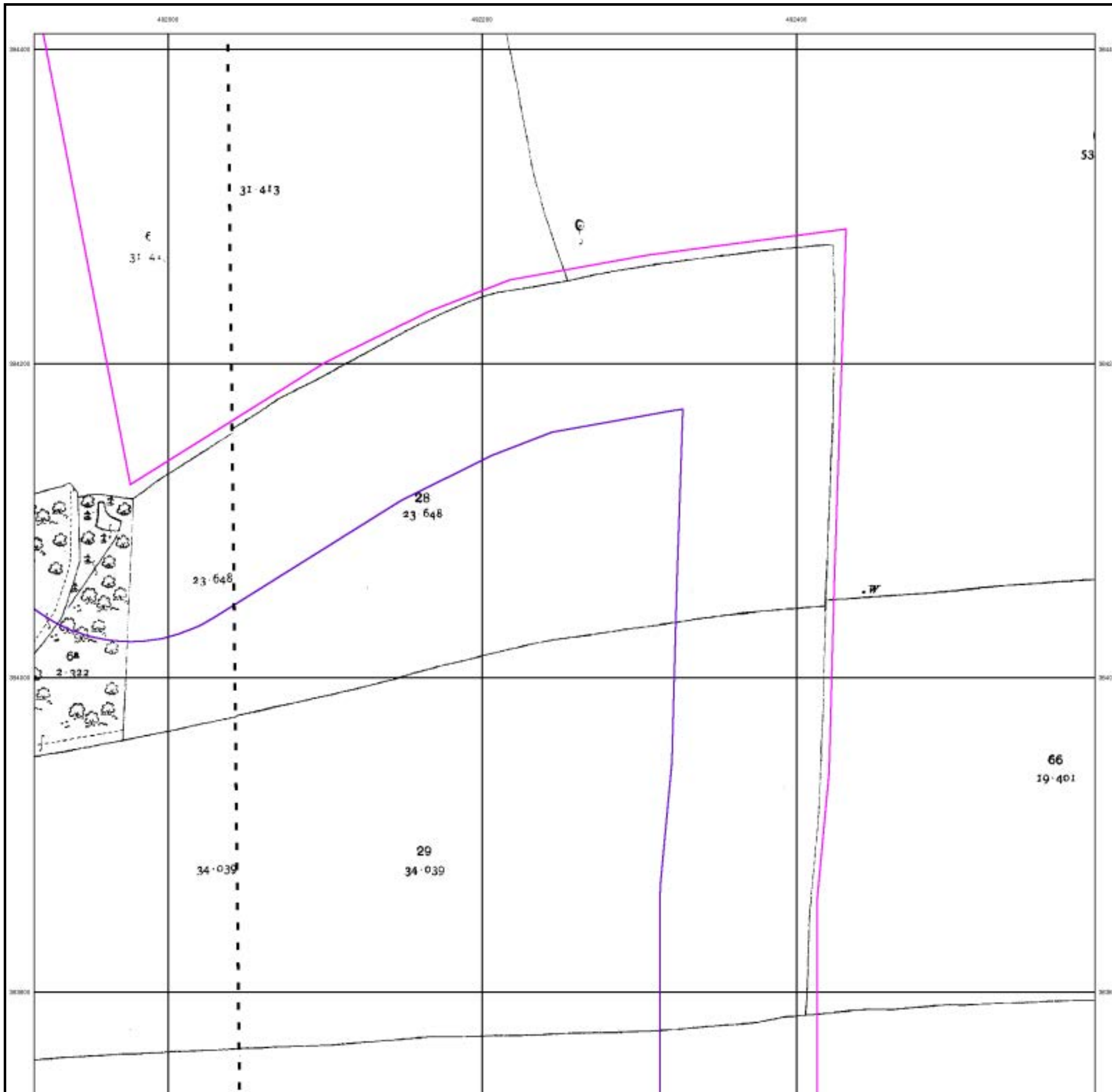


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Ordnance Survey Plan

Published 1974

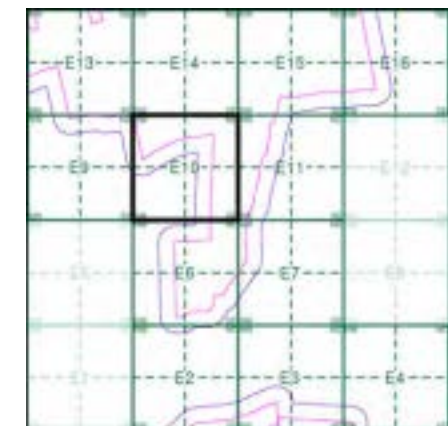
Source map scale - 1:2,500

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)

SK9184 1974 1:2,500	SK9284 1974 1:2,500
SK9183 1974 1:2,500	SK9283 1974 1:2,500

### Historical Map - Segment E10

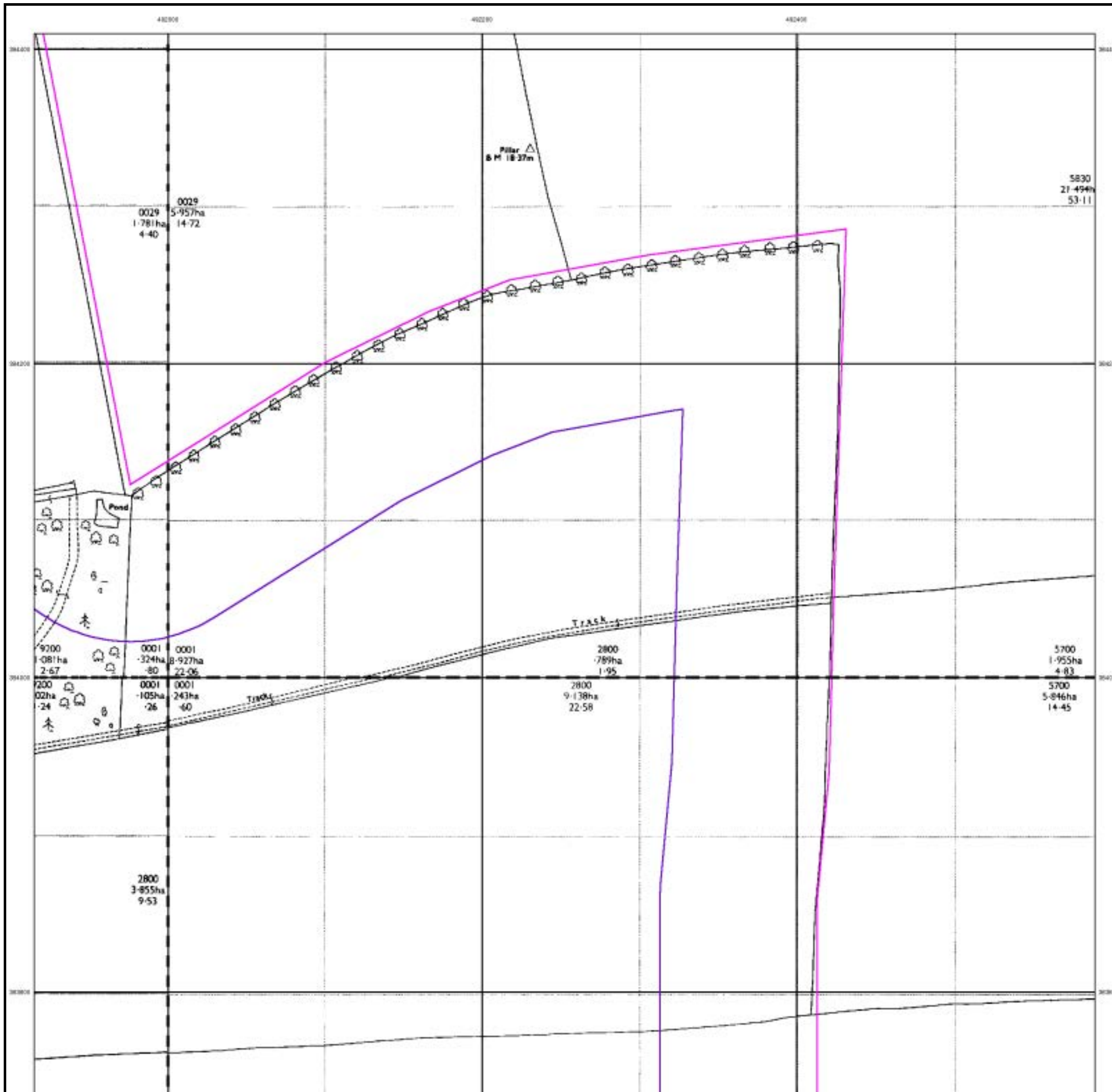


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

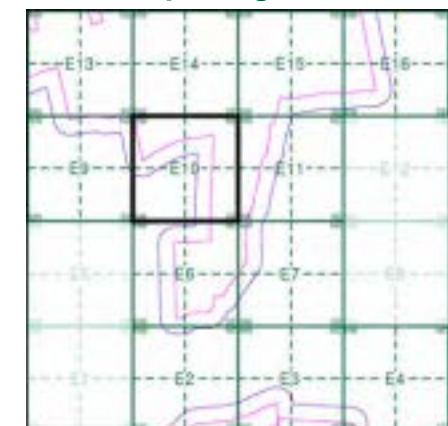
Source map scale - 1:2,500

'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)

SK9184	SK9284
1994	1994
1:2,500	1:2,500
SK9183	SK9283
1994	1994
1:2,500	1:2,500

### Historical Map - Segment E10

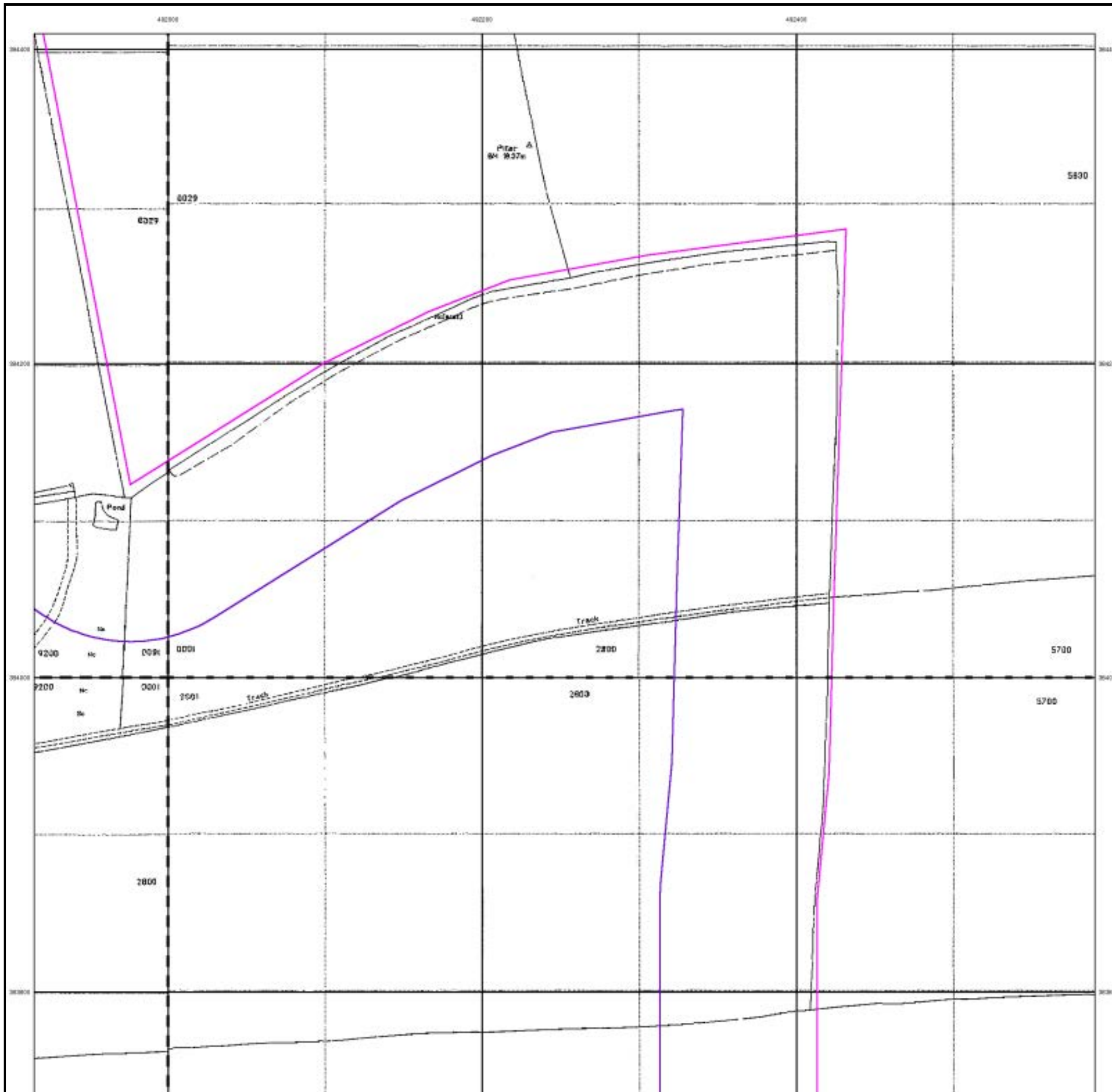


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

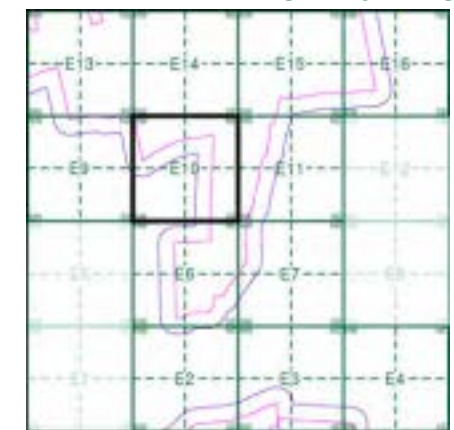


## Historical Aerial Photography

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 E10

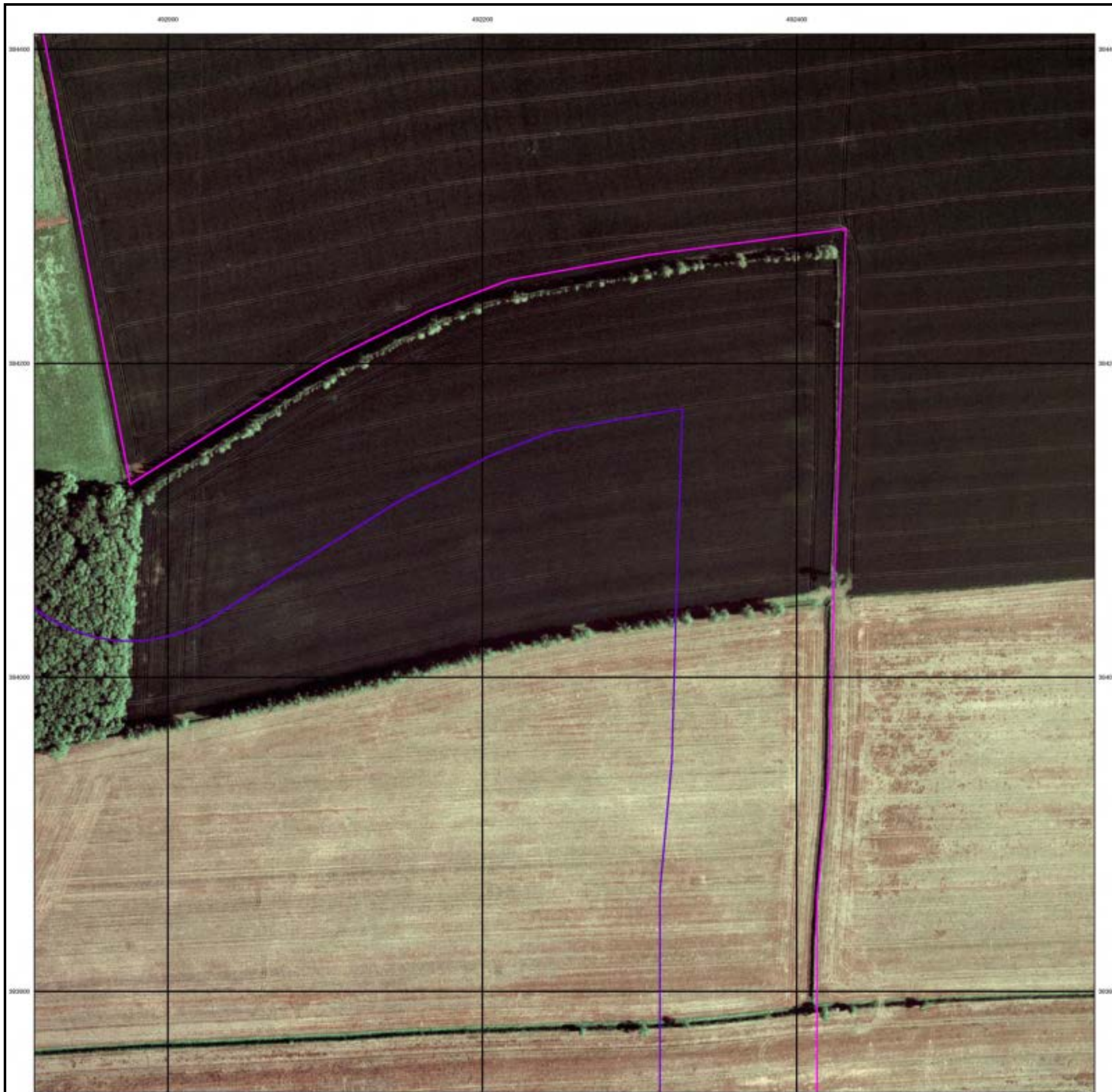


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# 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**  
**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

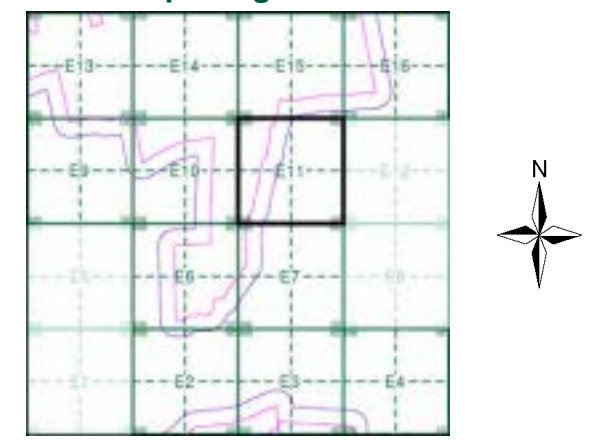
**Cliff** **Slopes** **Top**  
**Rock** **Rock (scattered)**  
**Boulders** **Boulders (scattered)**  
**Positioned Boulder** **Scree**  
**Non-Coniferous Tree (surveyed)** **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)** **Coniferous Trees (not surveyed)**  
**Orchard Tree** **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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment E11



**Order Details**  
 Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**  
 Cottam 1

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

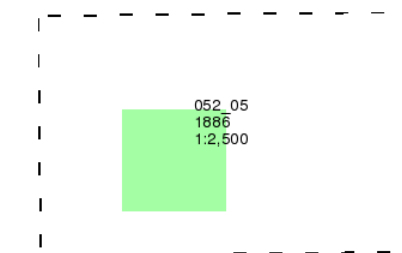
## Lincolnshire

Published 1886

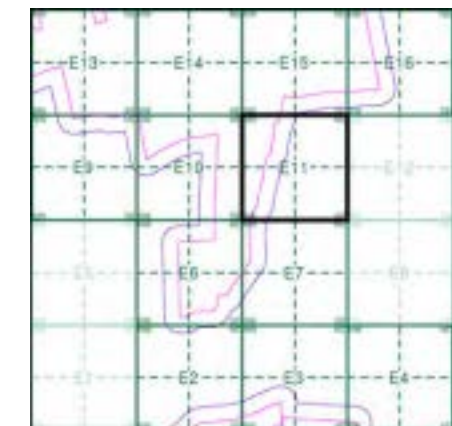
Source map scale - 1:2,500

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 E11

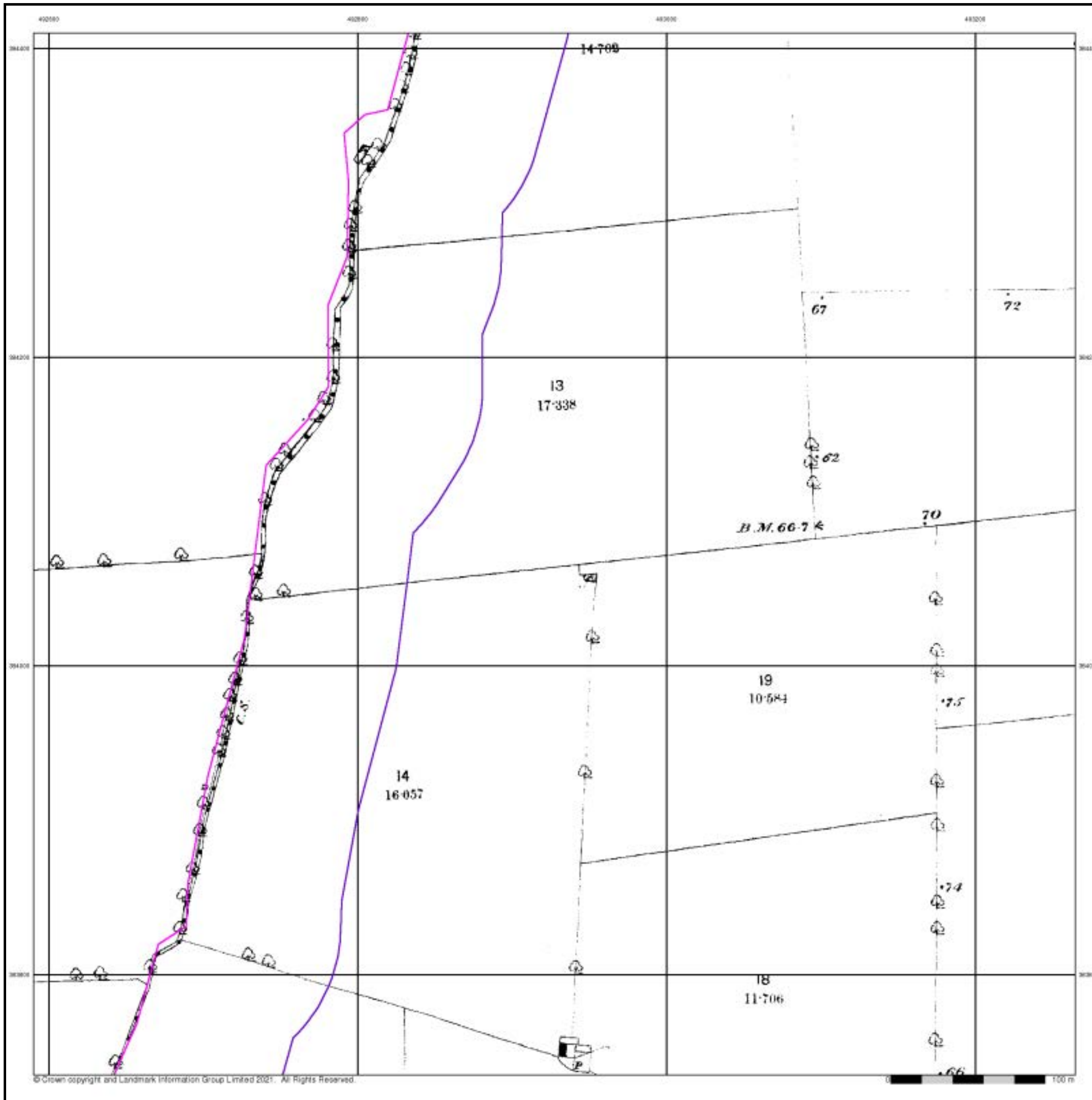


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



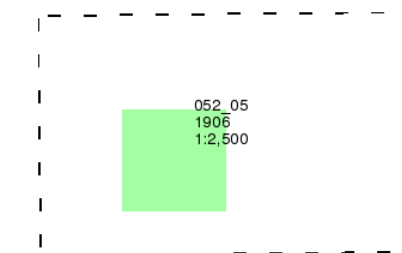
## Lincolnshire

Published 1906

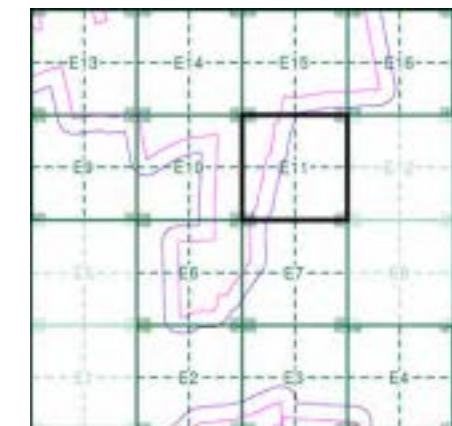
Source map scale - 1:2,500

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

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



### Historical Map - Segment E11

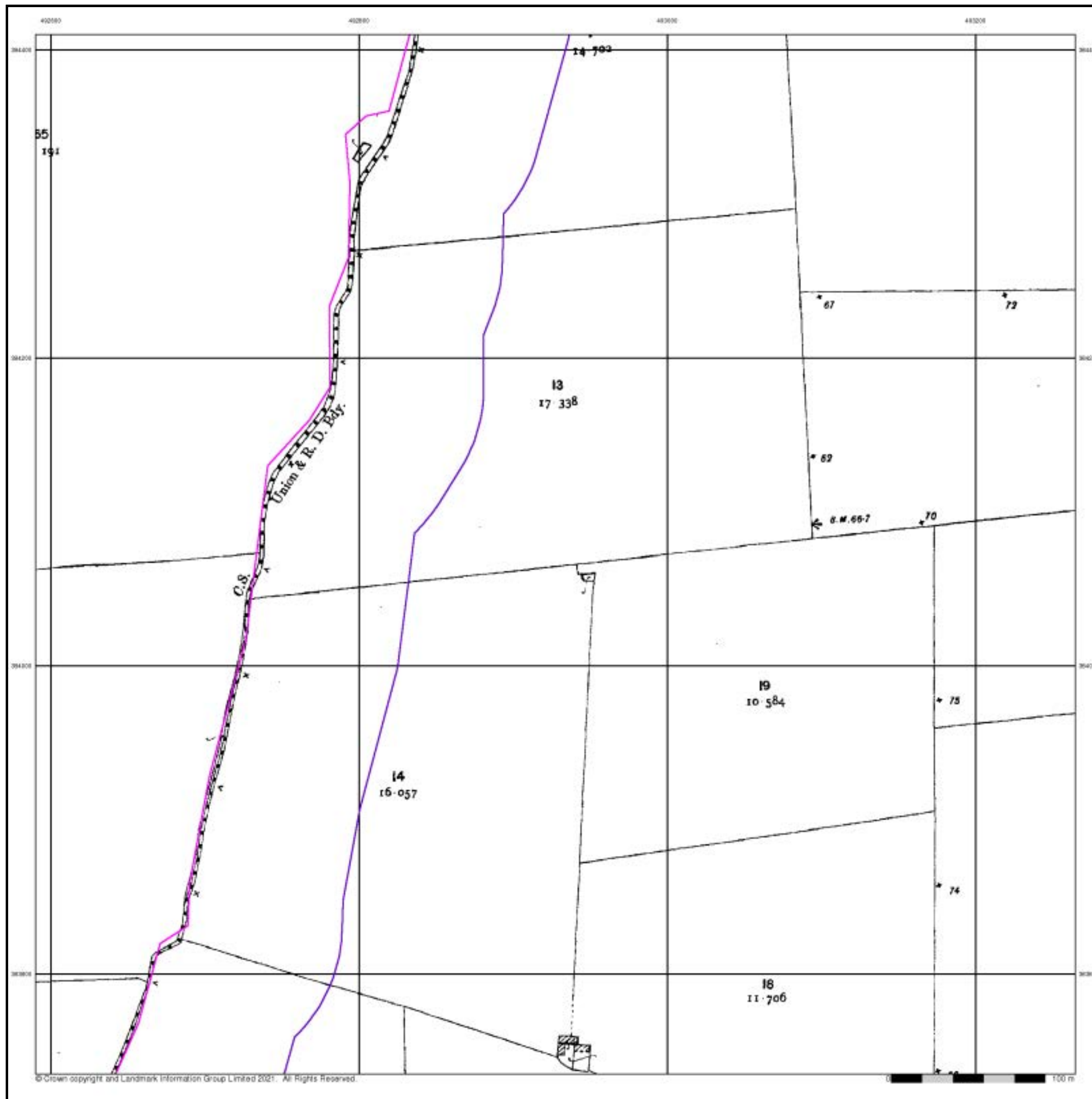


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





## Ordnance Survey Plan

Published 1974

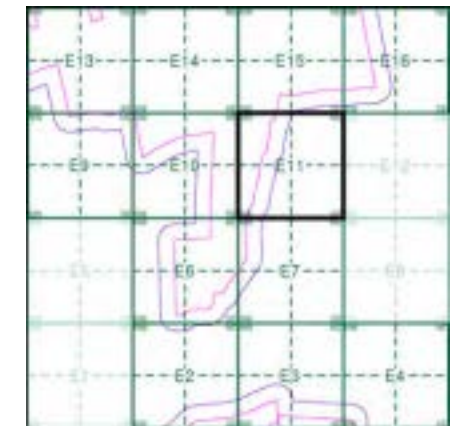
Source map scale - 1:2,500

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)

SK9284 1974 1:2,500	SK9384 1974 1:2,500
SK9283 1974 1:2,500	SK9383 1974 1:2,500

### Historical Map - Segment E11

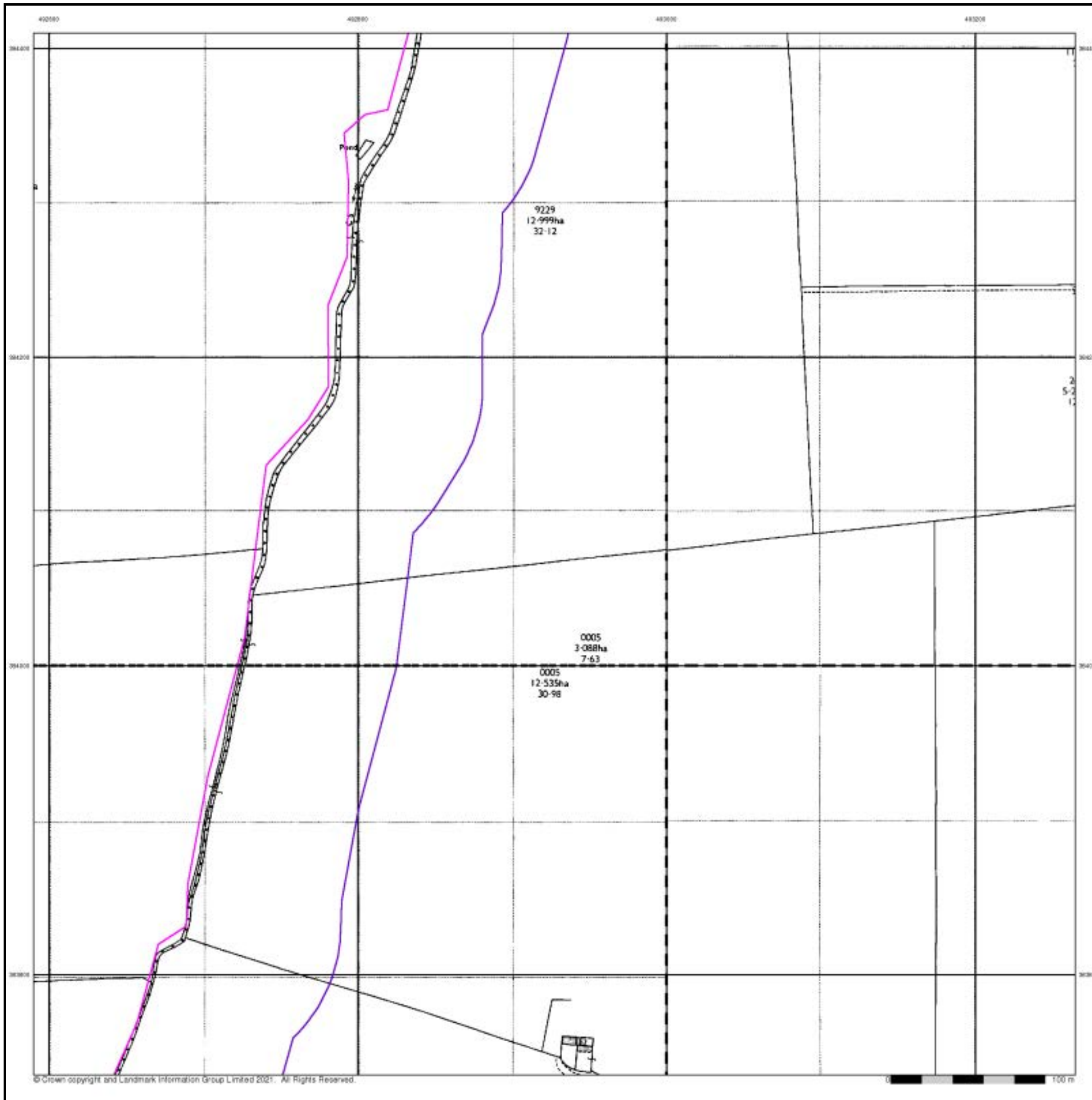


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

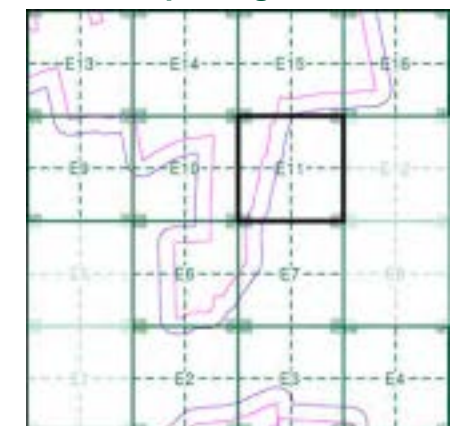
Source map scale - 1:2,500

'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)

SK9284	SK9384
1994	1994
1:2,500	1:2,500
SK9283	SK9383
1994	1994
1:2,500	1:2,500

### Historical Map - Segment E11

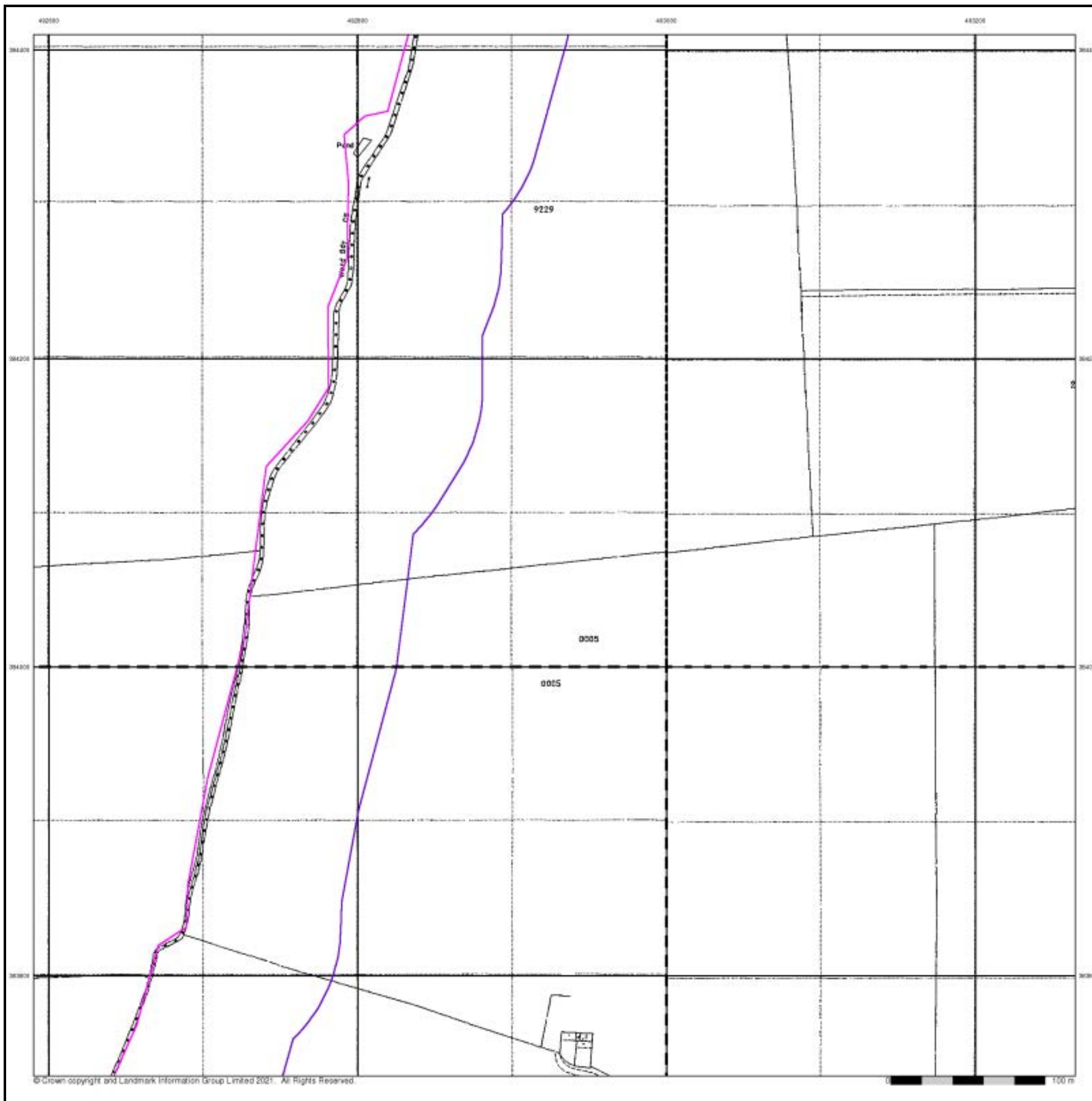


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

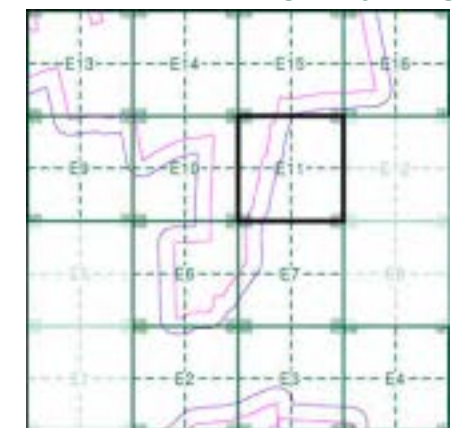


## Historical Aerial Photography

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 E11

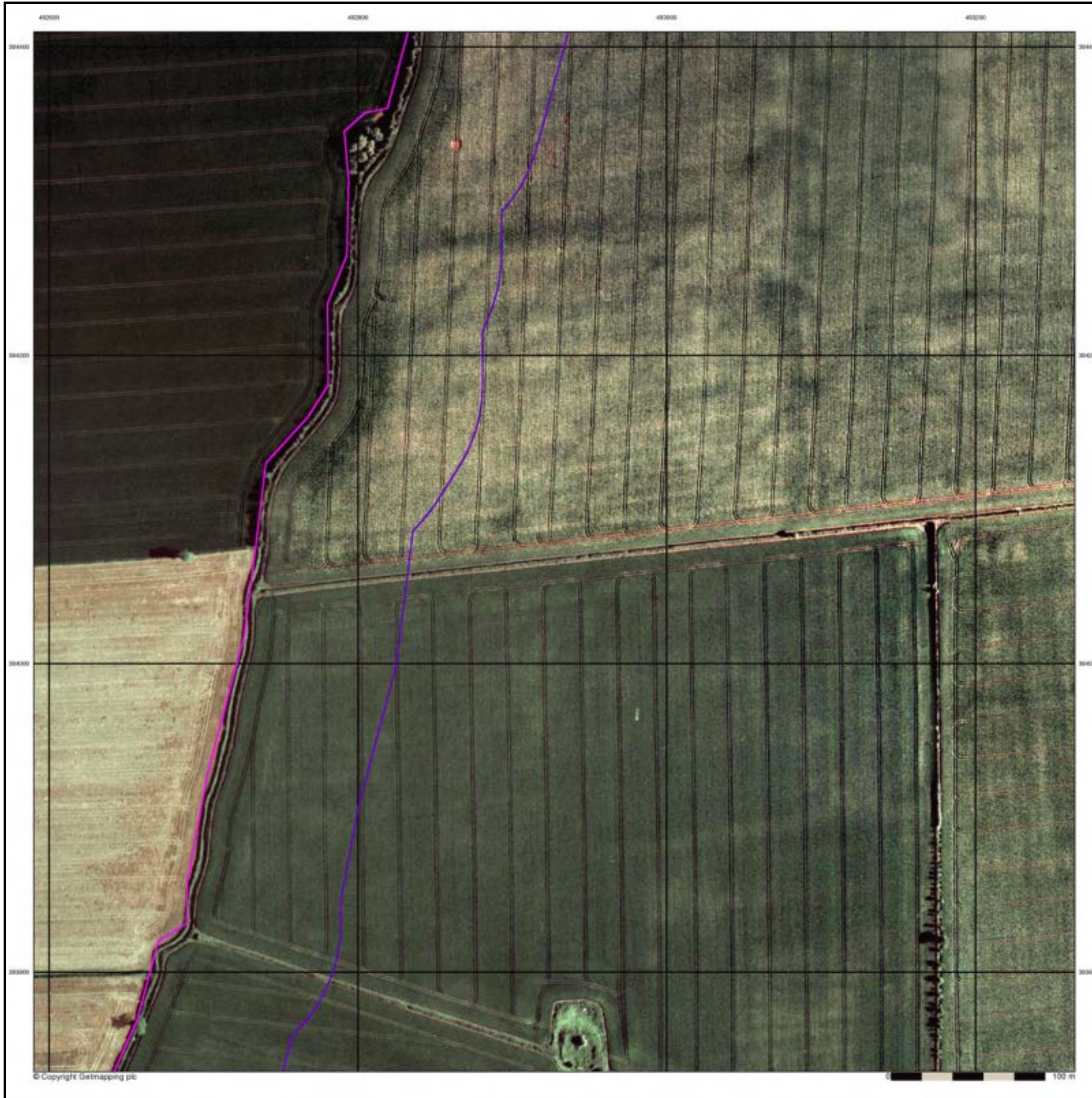


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# Historical Mapping Legends

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

Quarry, Gravel Pit, Sand Pit, Clay Pit, Shingle, Refuse Heap, Sloping Masonry, Flat Rock, Marsh, Reeds, Osiers, Rough Pasture, Furze, Wood, Mixed Wood, Brushwood, Orchard, Fir, Ford, Stepping Stones, Ferry, Waterfall, Lock, Trig. Station, Altitude at Trig. Station, B.M. 325.9, Bench Mark, Surface Level, Arrow denotes flow of water, Antiquities (site of), Cutting, Embankment, Railway crossing Road, Level Crossing, Road crossing Railway, Railway crossing River or Canal, Road over single stream, Road over River or Canal, County Boundary (Geographical), County & Civil Parish Boundary, Administrative County & Civil Parish Boundary, County Borough Boundary (England), County Burgh Boundary (Scotland), 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, S.L. Sluice, F.P. Foot Path, S.P. 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, 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

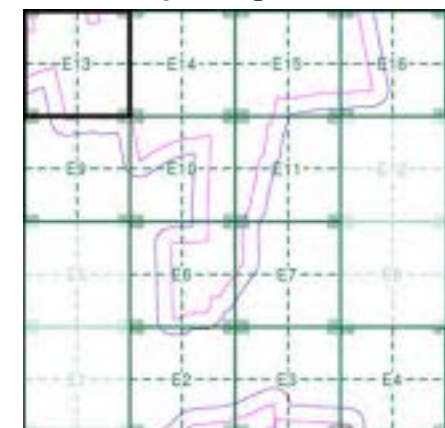
Cliff, Slopes, Top, Rock, Boulders, Positioned Boulder, Non-Coniferous Tree (surveyed), Coniferous Tree (surveyed), Non-Coniferous Trees (not surveyed), Coniferous Trees (not surveyed), Orchard Tree, Scrub, Bracken, Coppice, Osier, Reeds, Marsh, Saltings, Rough Grassland, Heath, Culvert, Direction of water flow, Triangulation Station, Antiquity (site of), Electricity Transmission Line, Electricity Pylon, 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, Cem 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

### Historical Map - Segment E13



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



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

**Lincolnshire**  
**Published 1886**

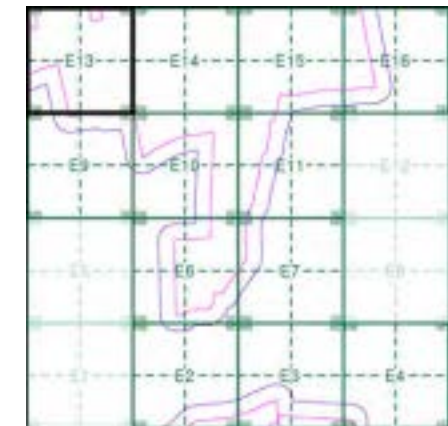
**Source map scale - 1:2,500**

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)**

051_04	1886	1:2,500
051_08	1886	1:2,500

**Historical Map - Segment E13**

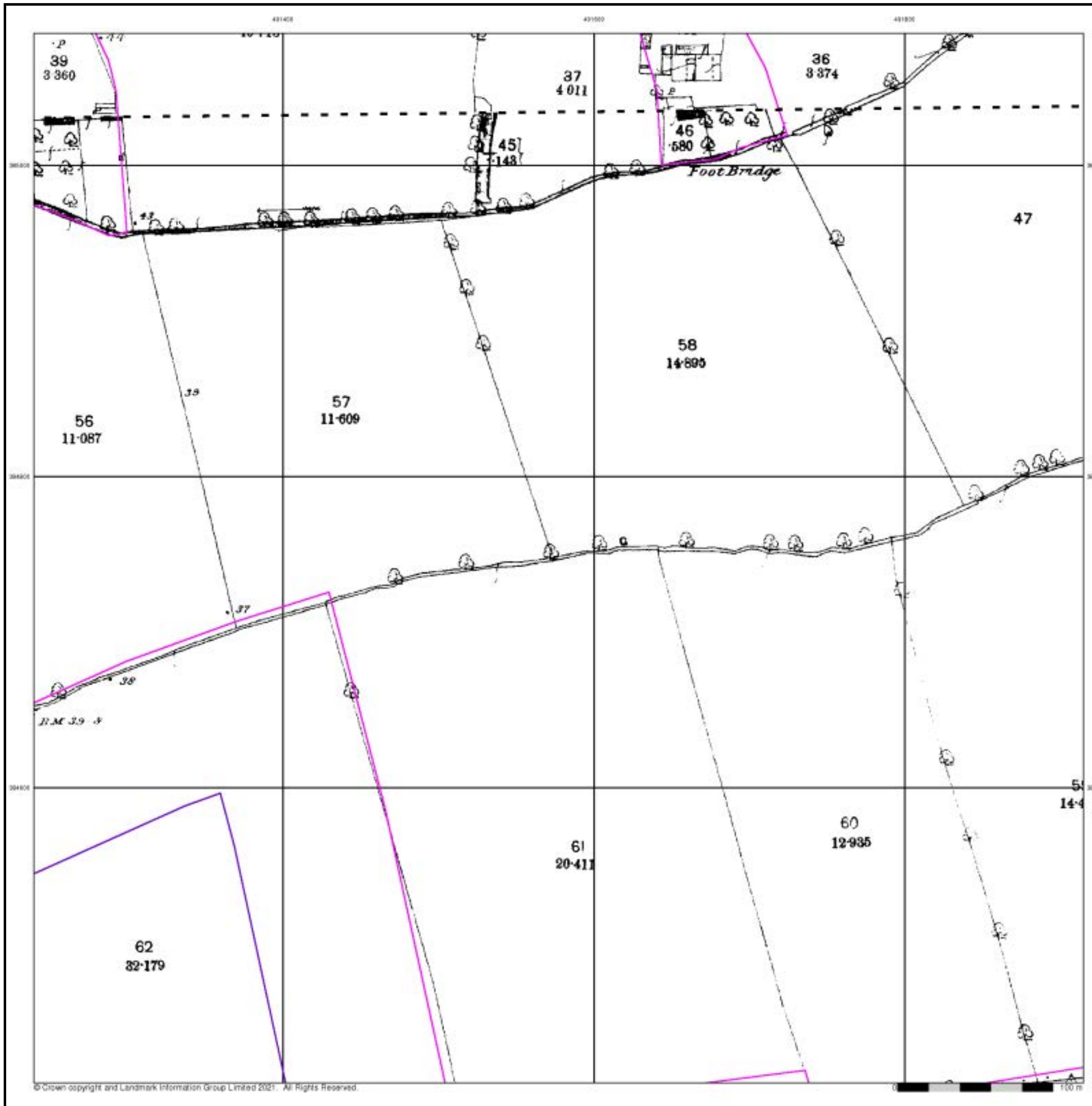


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



**Lincolnshire**  
**Published 1906**

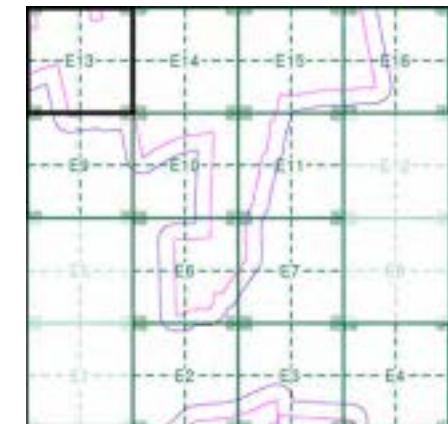
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**

051_04	1906	1:2,500
051_08	1906	1:2,500

**Historical Map - Segment E13**

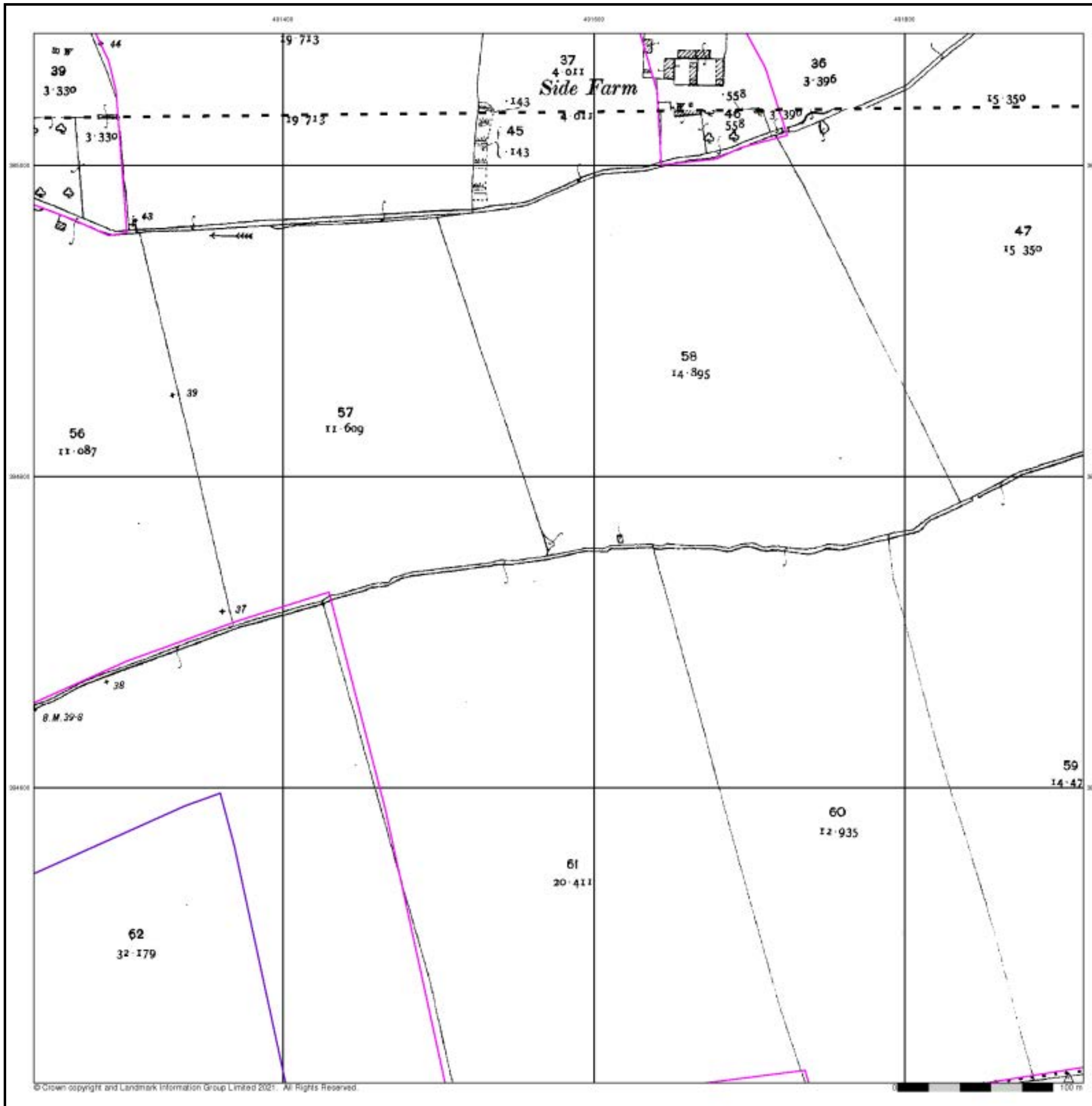


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Ordnance Survey Plan

Published 1974

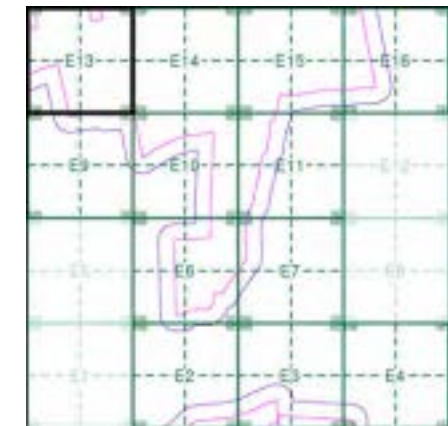
Source map scale - 1:2,500

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)

SK9185
1974
1:2,500
SK9184
1974
1:2,500

### Historical Map - Segment E13

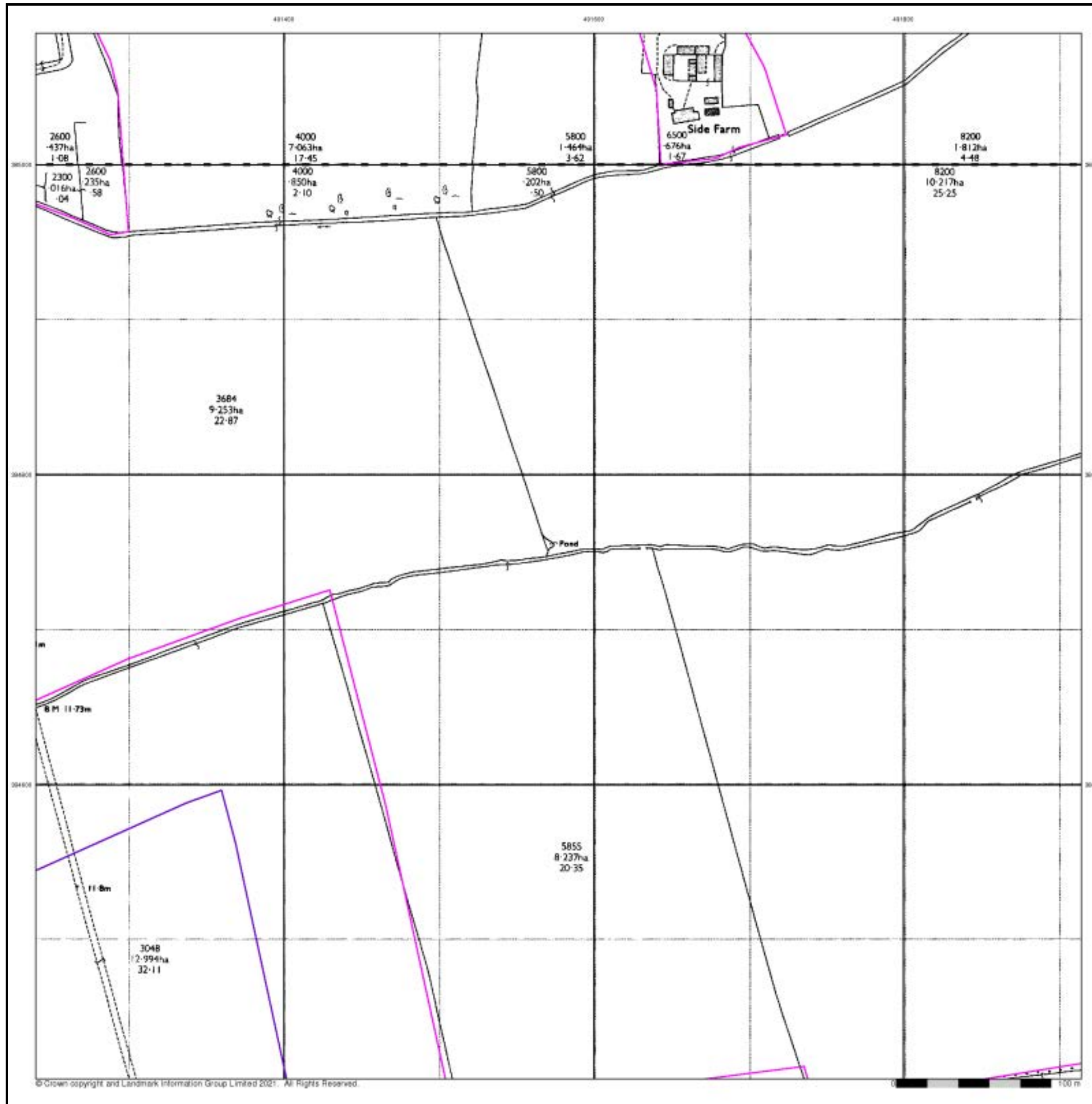


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

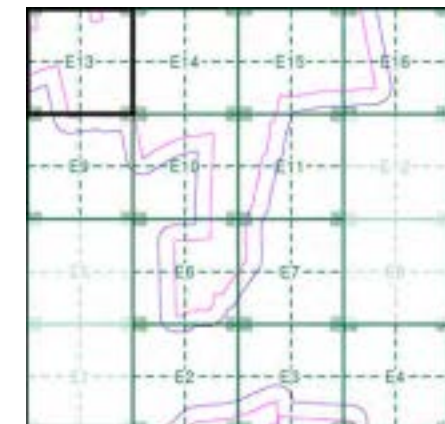
Source map scale - 1:2,500

'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)

SK9185	1994	1:2,500
SK9184	1994	1:2,500

### Historical Map - Segment E13

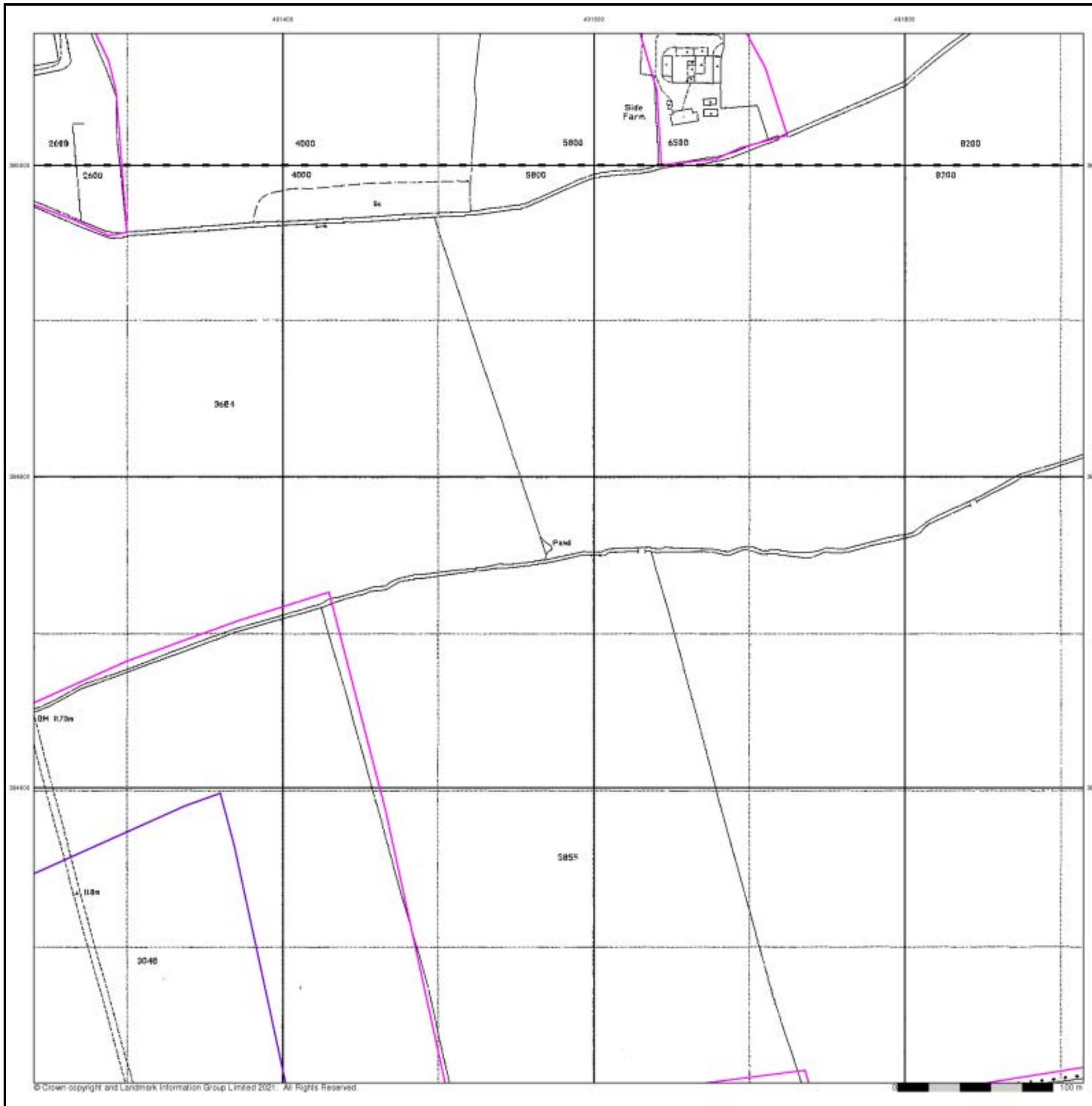


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

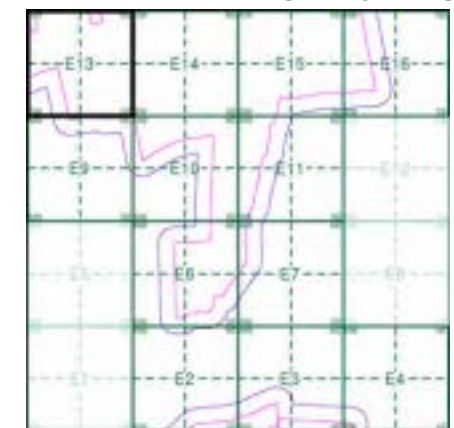




## Historical Aerial Photography Published 1999

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 E13

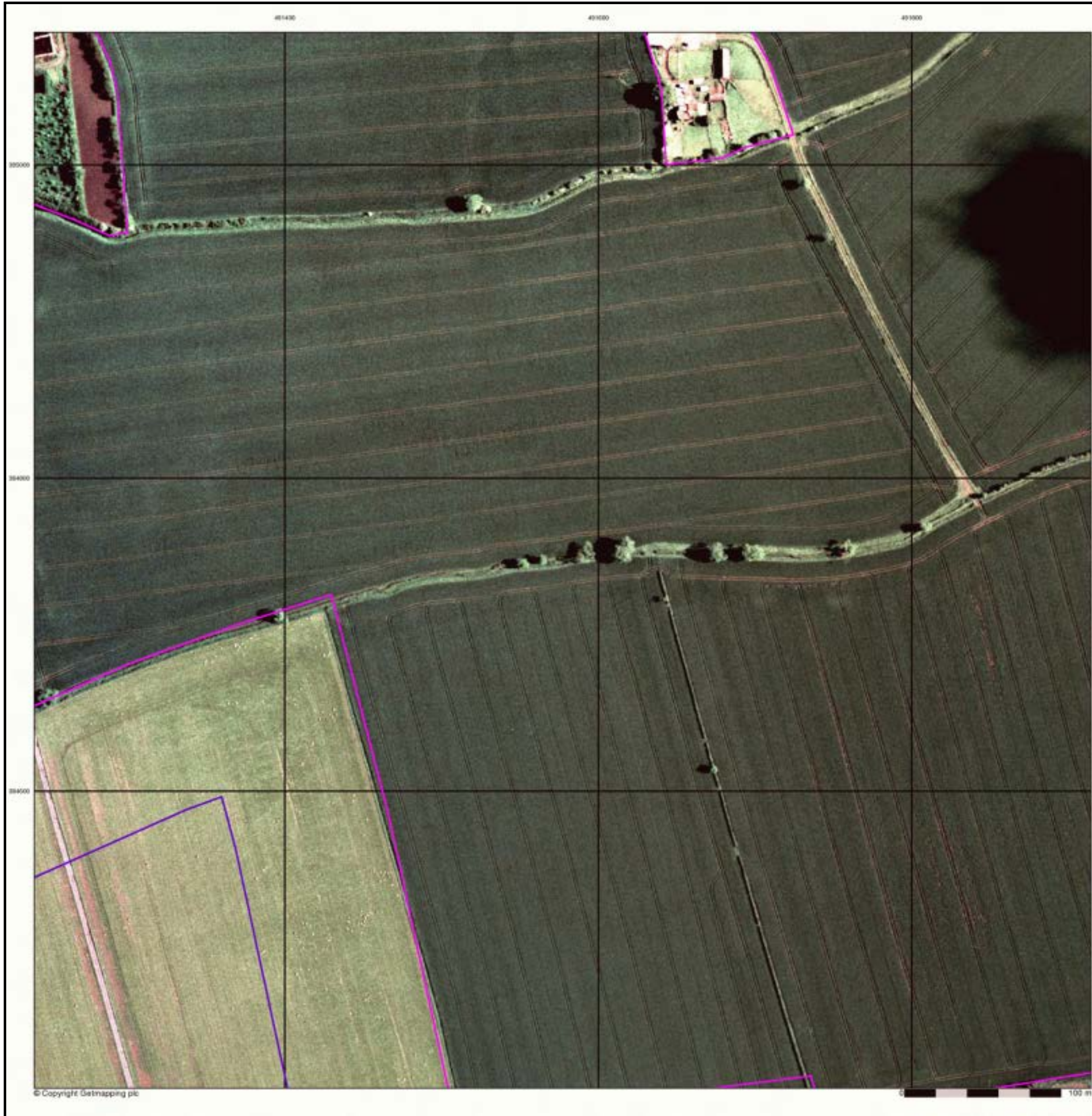


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# Historical Mapping Legends

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

**Quarry**   **Gravel Pit**   **Sand Pit**  
**Clay Pit**   **Shingle**   **Refuse Heap**  
**Sloping Masonry**   **Flat Rock**  
**Marsh**   **Reeds**   **Osiers**  
**Rough Pasture**   **Furze**   **Wood**  
**Mixed Wood**   **Brushwood**   **Orchard**  
**Fir**   **Ford**   **Stepping Stones**  
**Ferry**   **Waterfall**   **Lock**  
**Trig. Station**   **Altitude at Trig. Station**  
**B.M. 325.9**   **Bench Mark**   **Surface Level**  
**Arrow denotes flow of water**   **Antiquities (site of)**  
**Cutting**   **Embankment**  
**Railway crossing Road**   **Level Crossing**   **Road crossing Railway**  
**Railway crossing River or Canal**   **Road over single stream**   **Road over River or Canal**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Administrative County & Civil Parish Boundary**  
**County Borough Boundary (England)**  
**County Burgh Boundary (Scotland)**  
**Boundary Post or Stone**   **Police Call Box**  
**B.R. Bridle Road**   **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

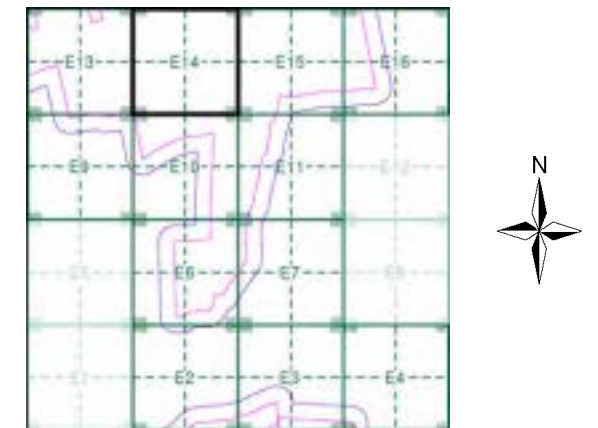
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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**  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment E14



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

**Lincolnshire**  
**Published 1886**

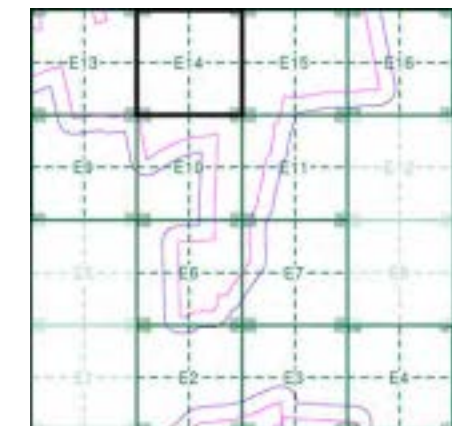
**Source map scale - 1:2,500**

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)**

051_04 1886 1:2,500	052_01 1886 1:2,500
051_08 1886 1:2,500	052_05 1886 1:2,500

**Historical Map - Segment E14**

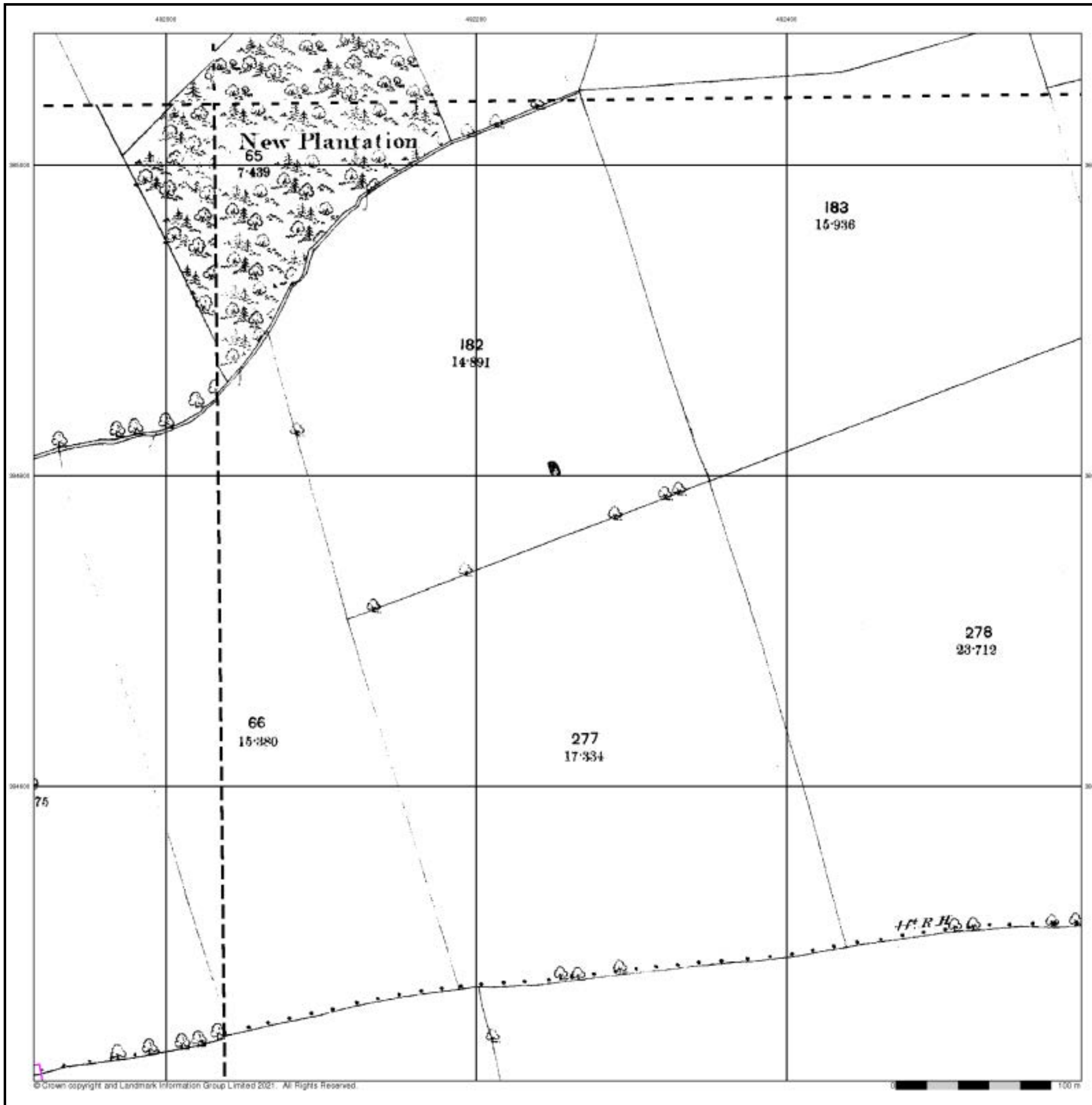


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



**Lincolnshire**  
**Published 1906**

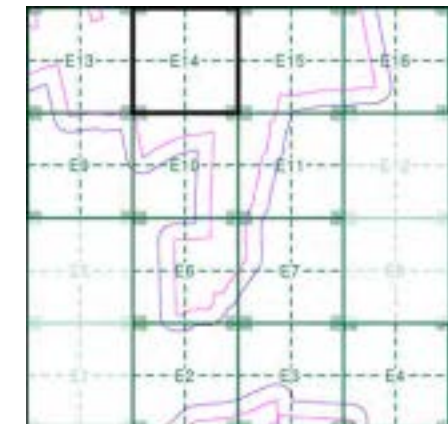
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**

051_04 1906 1:2,500	052_01 1906 1:2,500
051_08 1906 1:2,500	052_05 1906 1:2,500

**Historical Map - Segment E14**

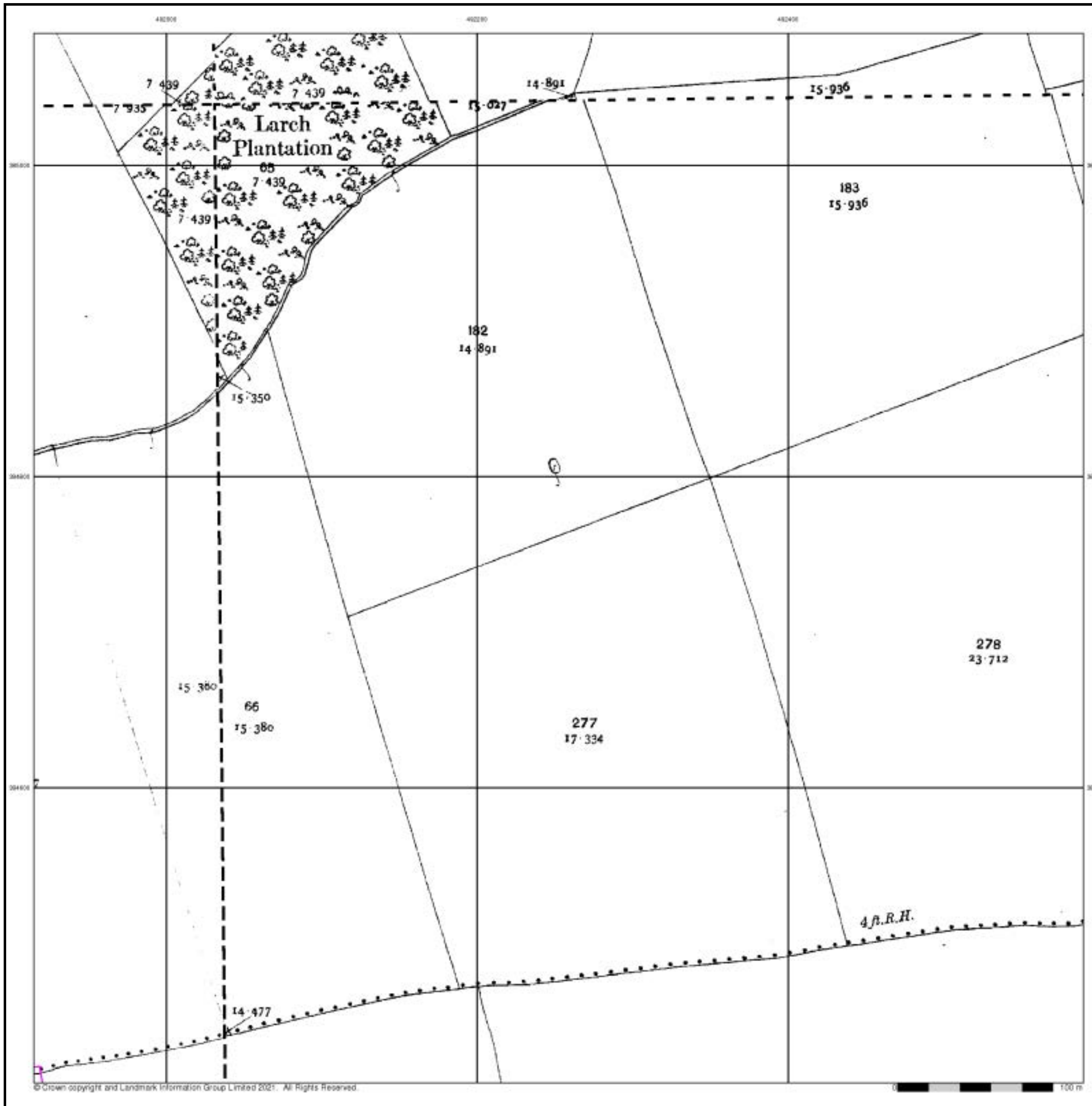


**Order Details**

Order Number: 287330989\_1\_1  
Customer Ref: 21-1088.02  
National Grid Reference: 492450, 384020  
Slice: E  
Site Area (Ha): 884.45  
Search Buffer (m): 100

**Site Details**

Cottam 1



## Ordnance Survey Plan

Published 1974

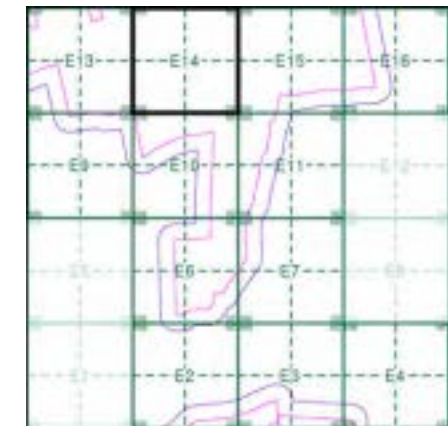
Source map scale - 1:2,500

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)

SK9185 1974 12,500	SK9285 1974 12,500
SK9184 1974 12,500	SK9284 1974 12,500

### Historical Map - Segment E14

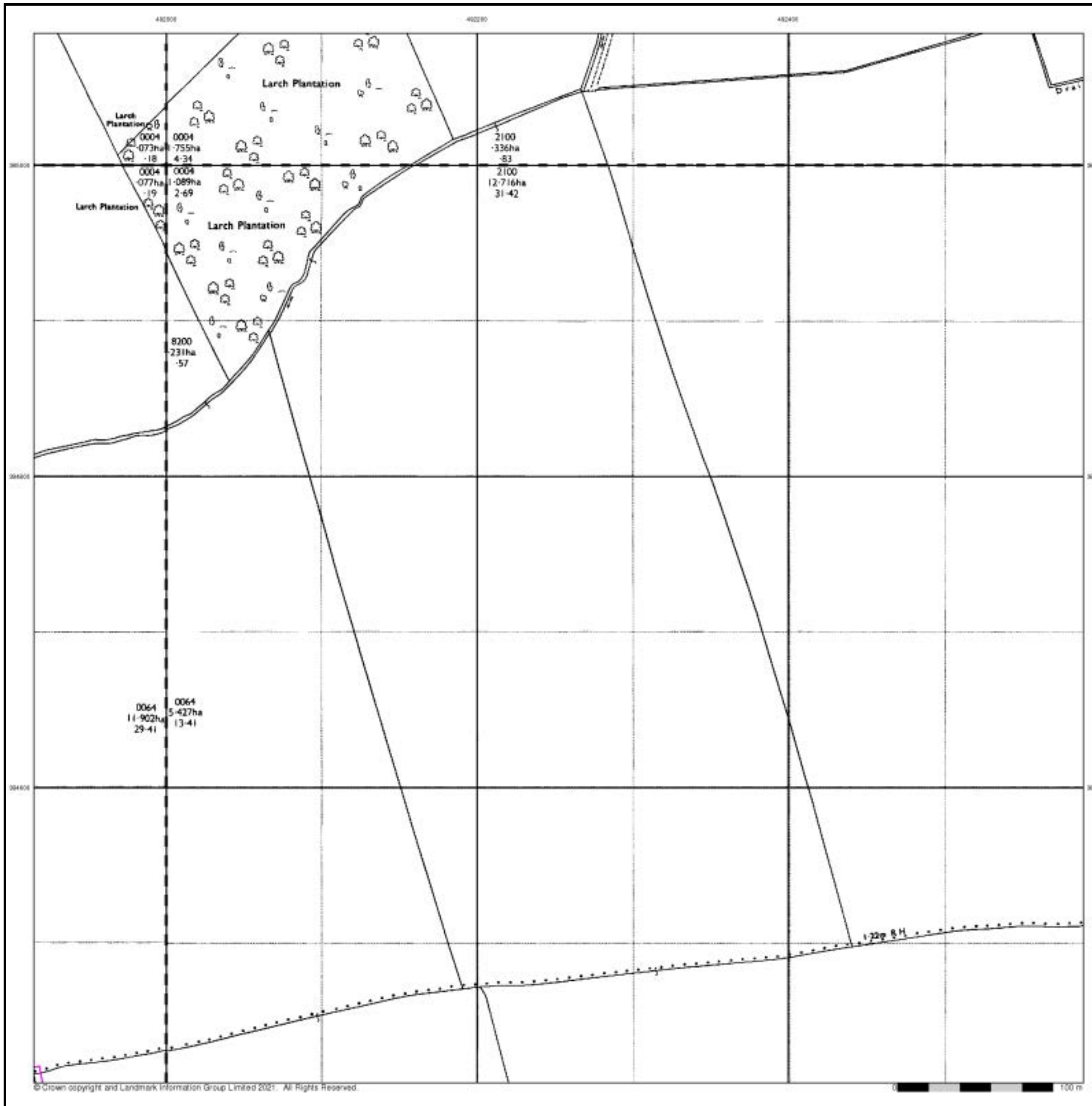


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

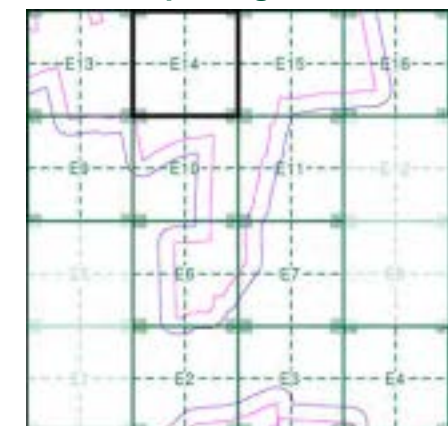
Source map scale - 1:2,500

'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)

SK9185 1994 1:2,500	SK9285 1994 1:2,500
SK9184 1994 1:2,500	SK9284 1994 1:2,500

### Historical Map - Segment E14

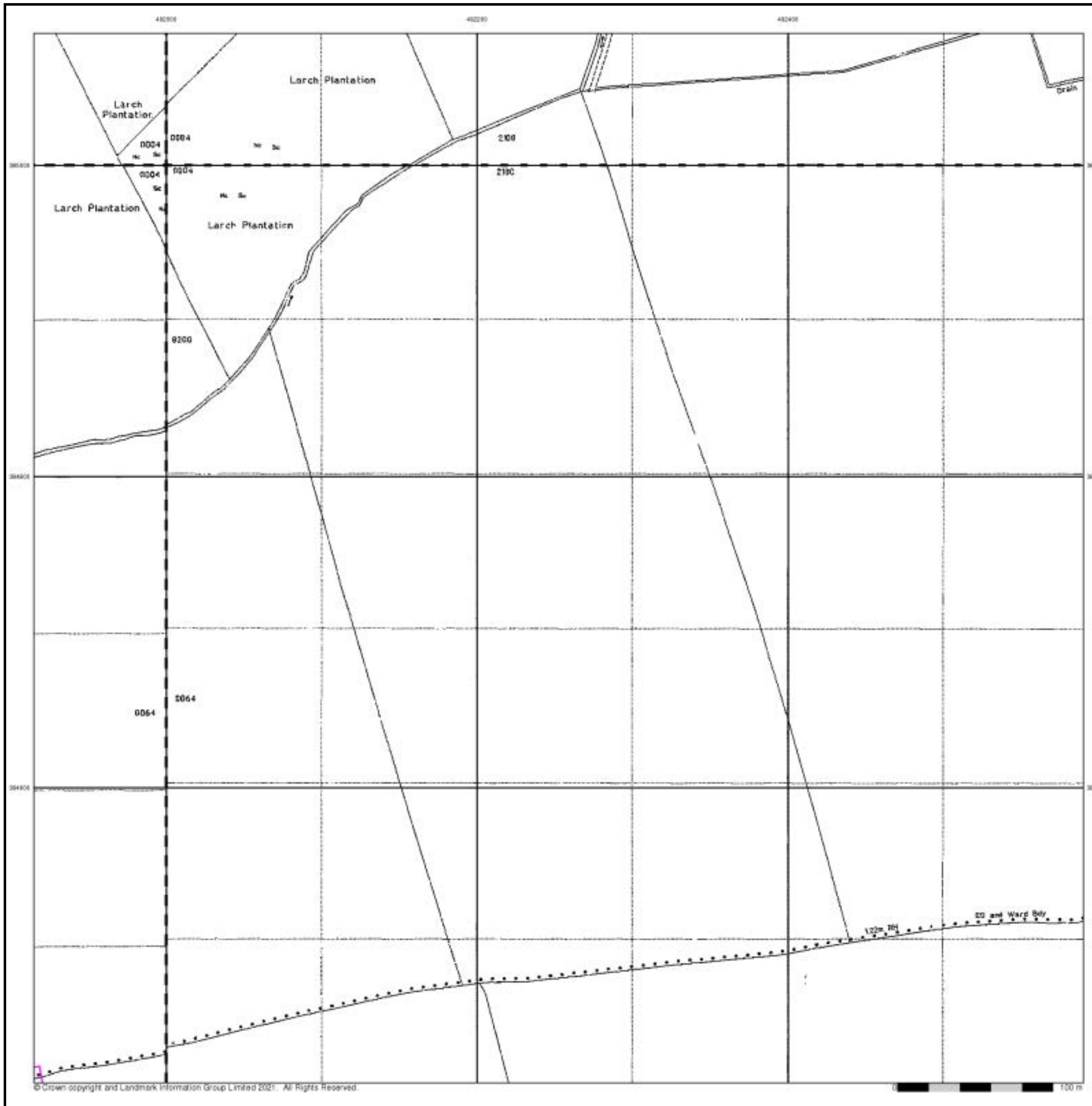


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

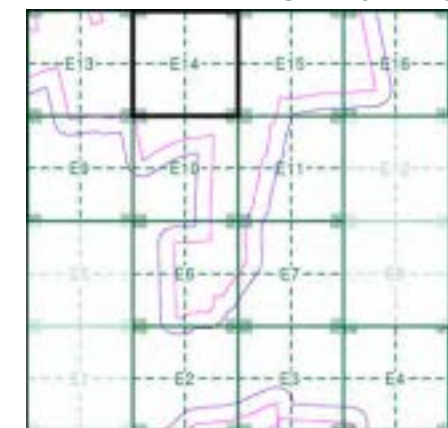
Cottam 1



## 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 E14

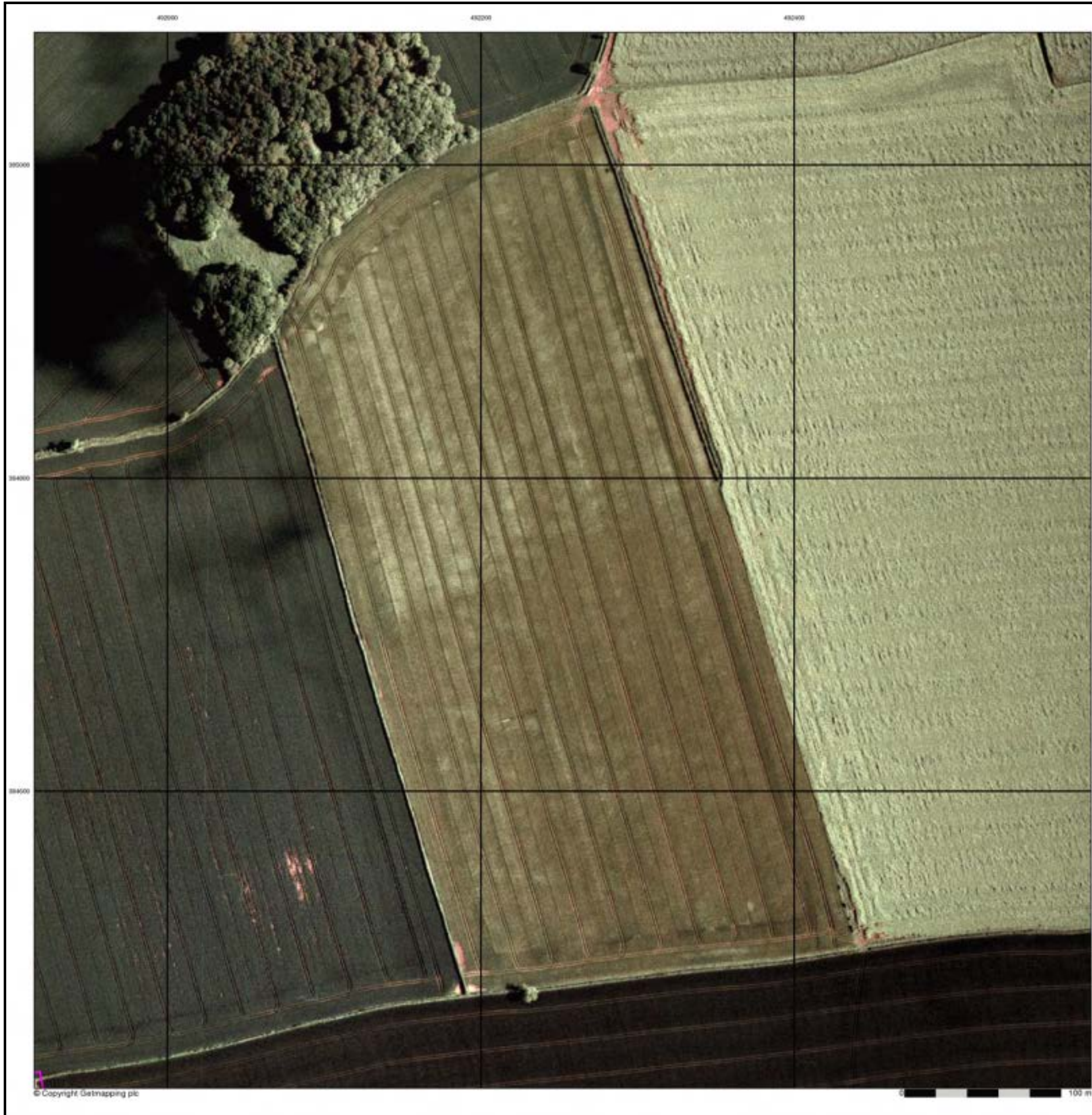


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# Historical Mapping Legends

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

**Quarry**   **Gravel Pit**   **Sand Pit**  
**Clay Pit**   **Shingle**   **Refuse Heap**  
**Sloping Masonry**   **Flat Rock**  
**Marsh**   **Reeds**   **Osiers**  
**Rough Pasture**   **Furze**   **Wood**  
**Mixed Wood**   **Brushwood**   **Orchard**  
**Fir**   **Ford**   **Stepping Stones**  
**Ferry**   **Waterfall**   **Lock**  
**Trig. Station**   **Altitude at Trig. Station**  
**B.M. 325.9**   **Bench Mark**   **Surface Level**  
**Arrow denotes flow of water**   **Antiquities (site of)**  
**Cutting**   **Embankment**  
**Railway crossing Road**   **Level Crossing**   **Road crossing Railway**  
**Railway crossing River or Canal**   **Road over single stream**   **Road over River or Canal**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Administrative County & Civil Parish Boundary**  
**County Borough Boundary (England)**  
**County Burgh Boundary (Scotland)**  
**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

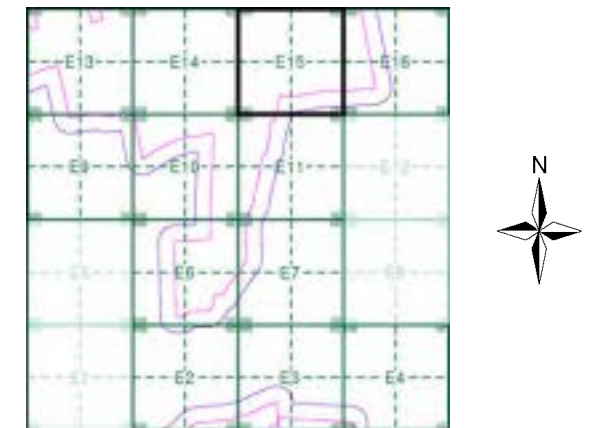
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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**  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment E15



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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



**Lincolnshire**  
**Published 1886**

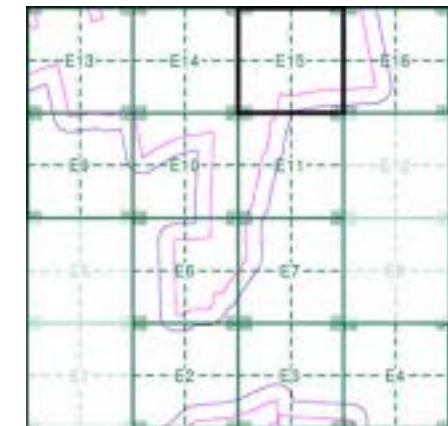
**Source map scale - 1:2,500**

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)**

052_01
1886
1:2,500
052_05
1886
1:2,500

**Historical Map - Segment E15**

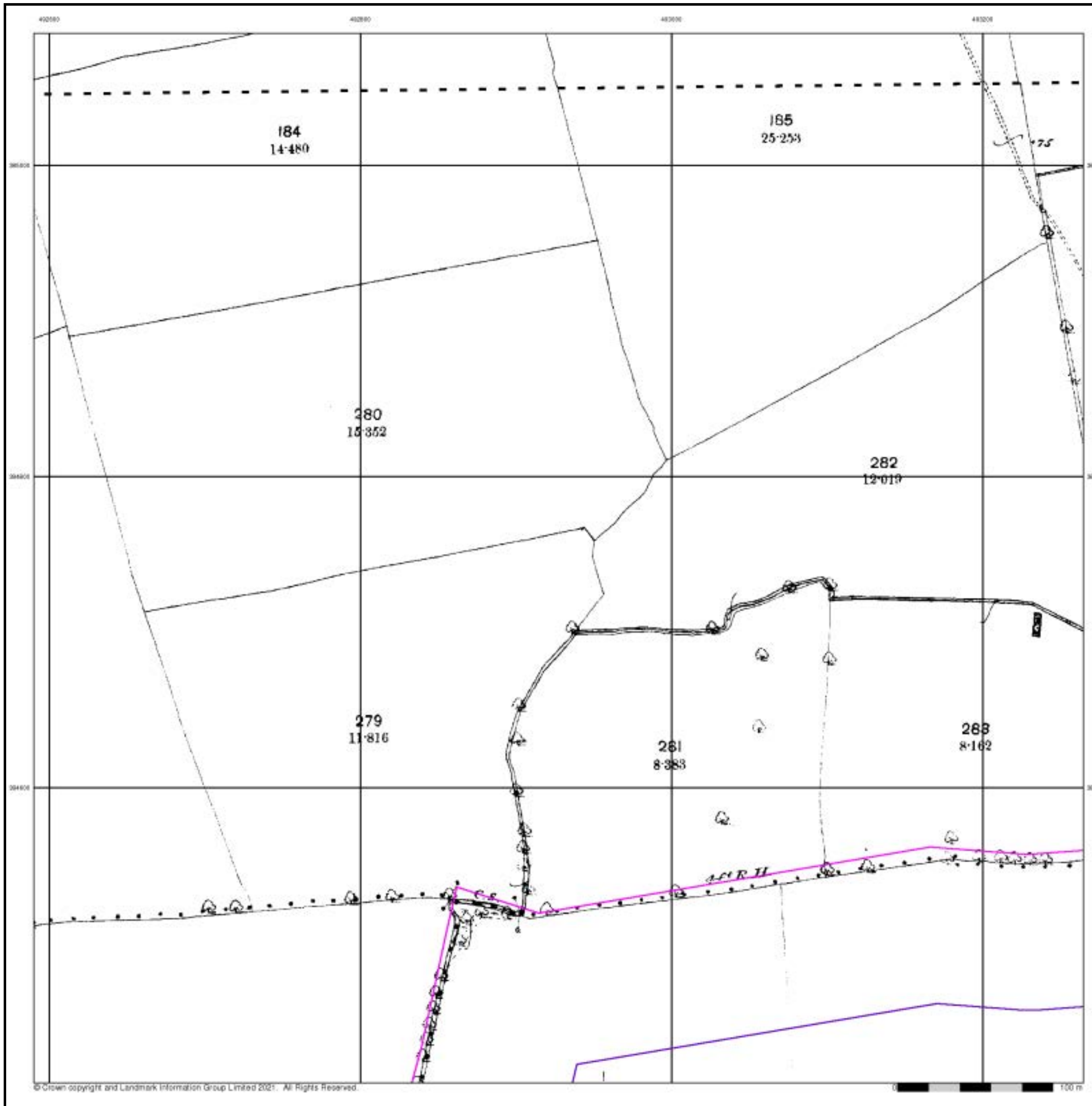


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



**Lincolnshire**  
**Published 1906**

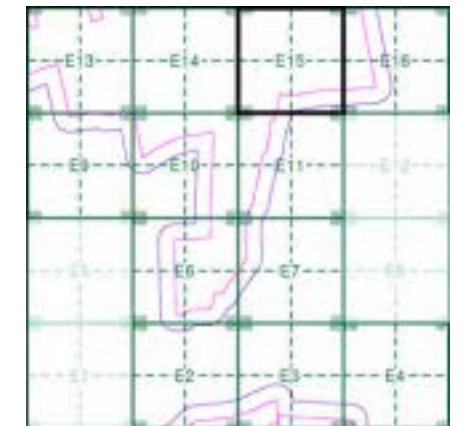
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**

052_01	1906	1:2,500
052_05	1906	1:2,500

**Historical Map - Segment E15**



**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Ordnance Survey Plan

Published 1974

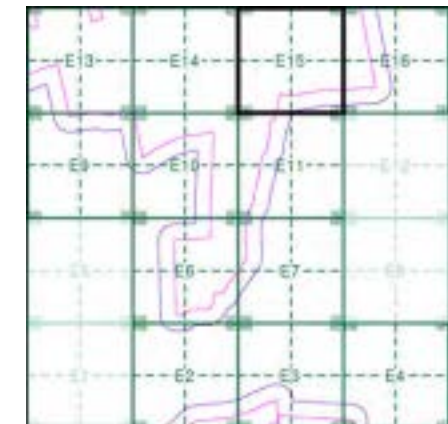
Source map scale - 1:2,500

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)

SK9285 1974 1:2,500	SK9385 1974 1:2,500
SK9284 1974 1:2,500	SK9384 1974 1:2,500

### Historical Map - Segment E15

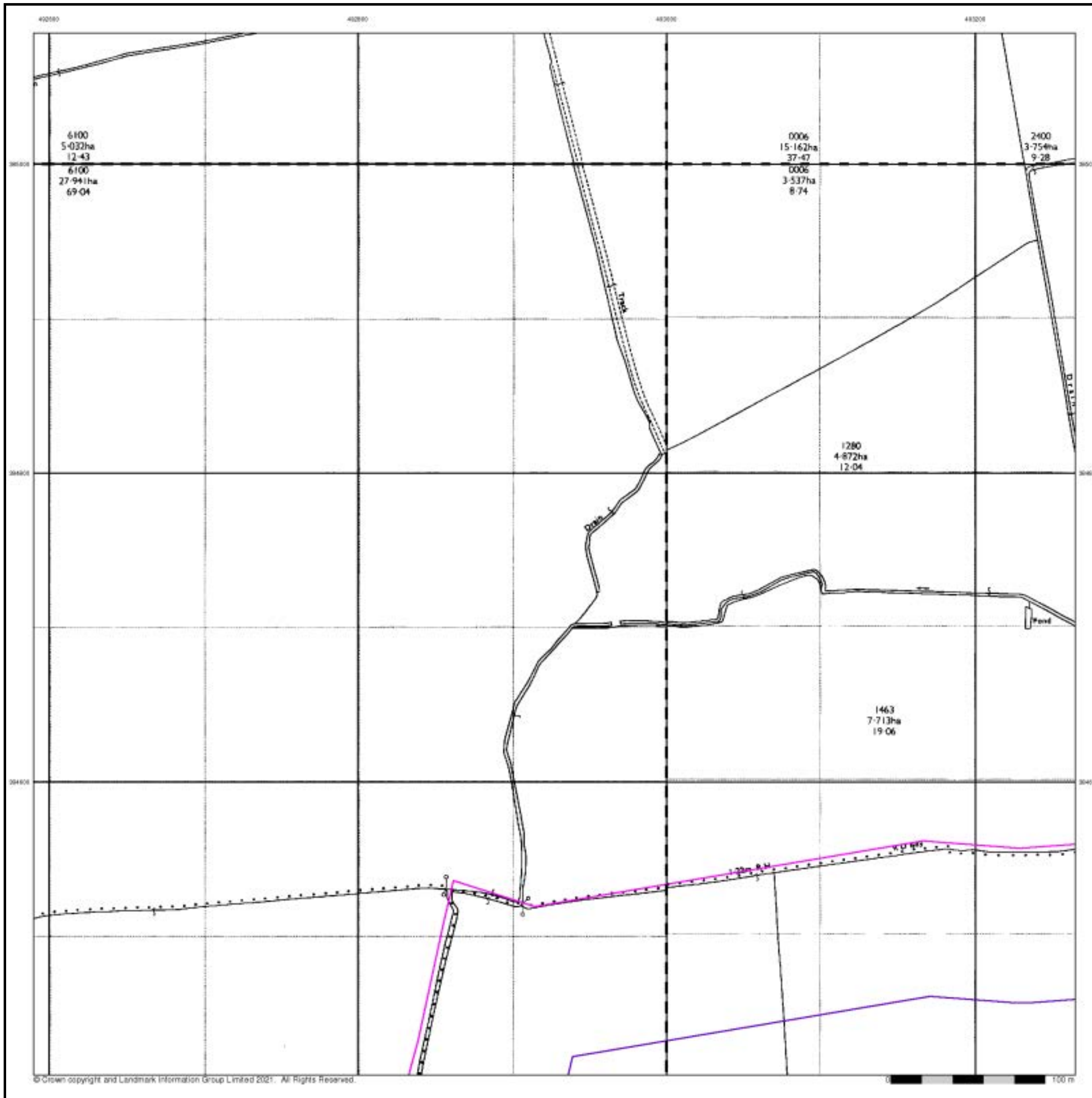


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

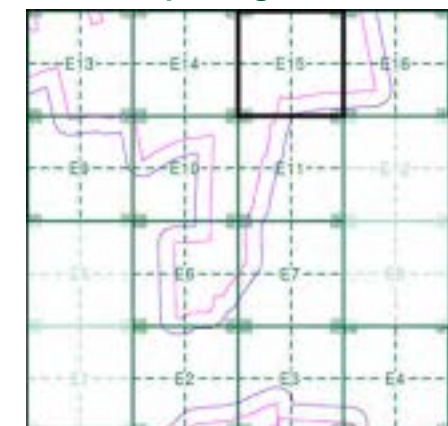
Source map scale - 1:2,500

'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)

SK9285	SK9385
1994	1994
1:2,500	1:2,500
SK9284	SK9384
1994	1994
1:2,500	1:2,500

### Historical Map - Segment E15

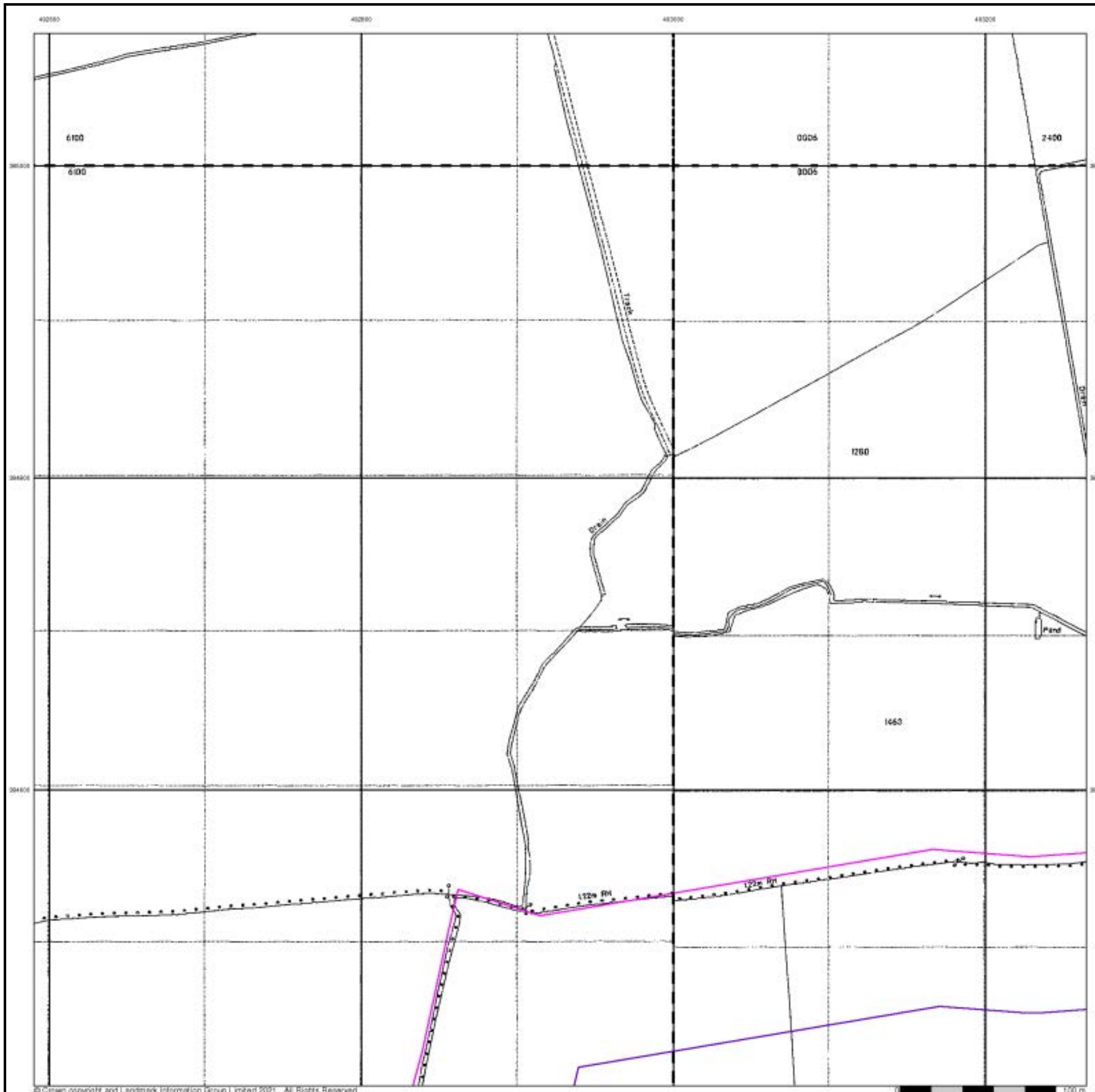


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

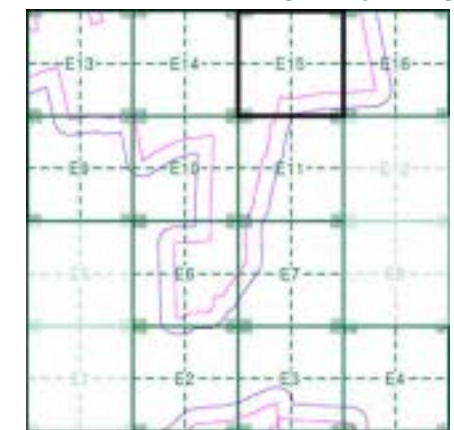
Cottam 1



## 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 E15

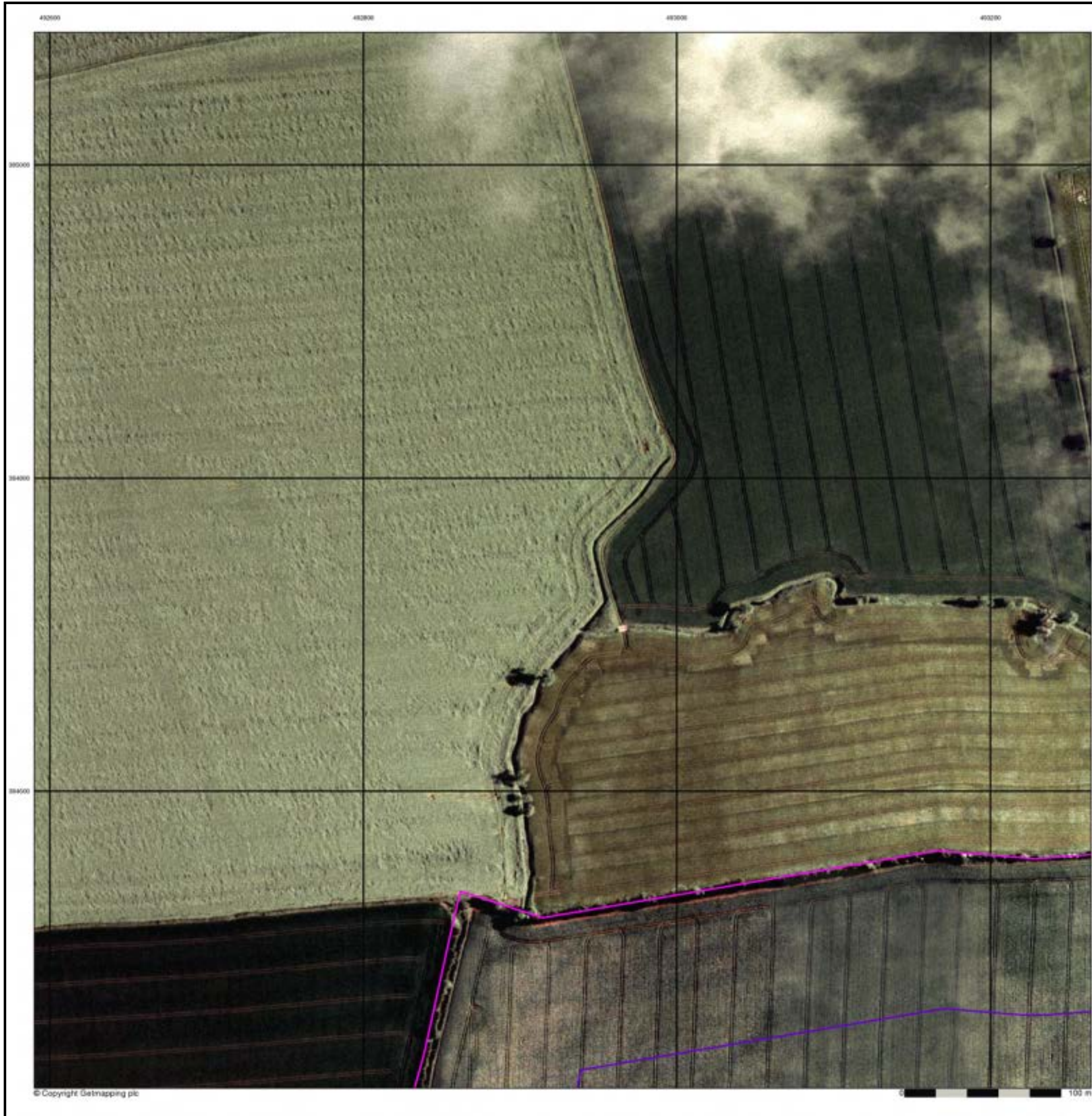


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# 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**  
**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  
 - O - O - London Borough Boundary  
 L B Bdy  
 X 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

**Slopes**   **Top**  
**Cliff**  
**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  
 o Boundary post/stone  
 Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

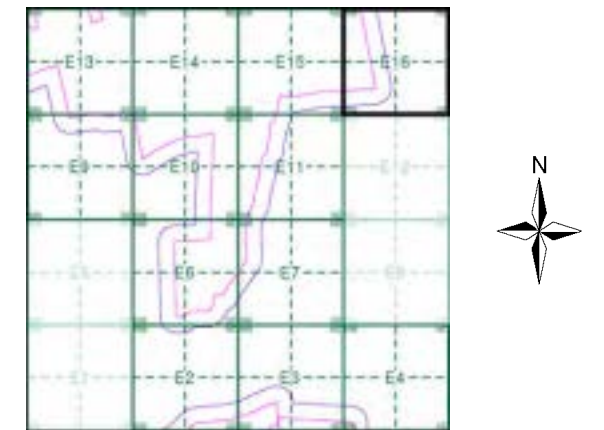
**Bks** Barracks   **P** Pillar, Pole or Post  
**Bty** Battery   **PO** Post Office  
**Cemy** Cemetery   **PC** Public Convenience  
**Chy** Chimney   **Pp** Pump  
**Cis** Cistern   **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway   **PW** Place of Worship  
**EI Gen Sta** Electricity 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment E16



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1

**Landmark** INFORMATION GROUP  
 Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

**Lincolnshire**  
**Published 1886**

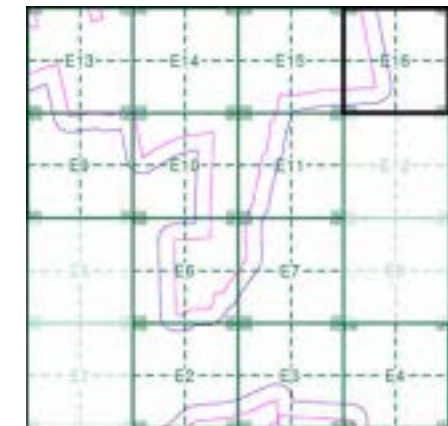
**Source map scale - 1:2,500**

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)**

052_01	1886	1:2,500
052_05	1886	1:2,500

**Historical Map - Segment E16**

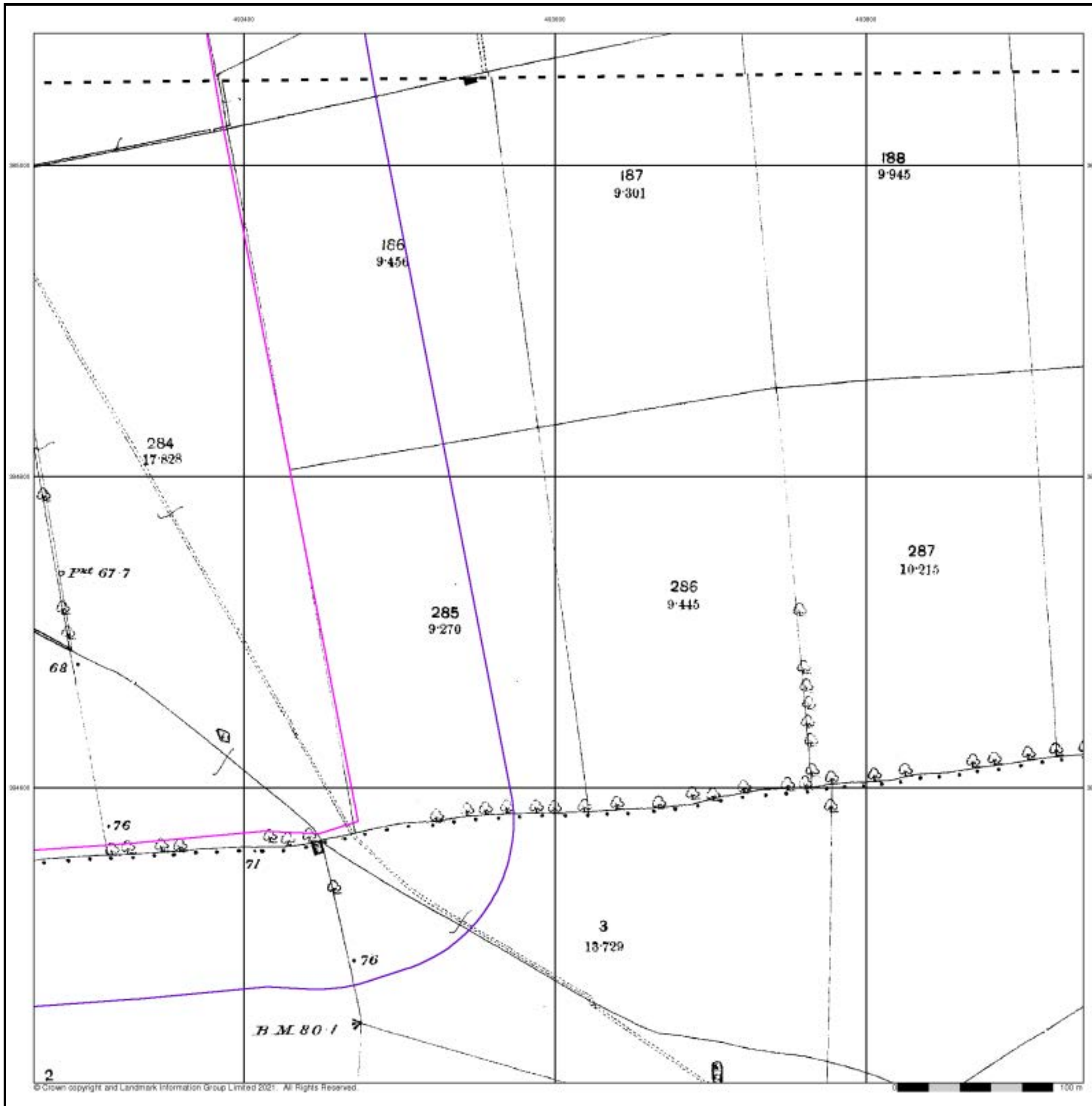


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



**Lincolnshire**  
**Published 1906**

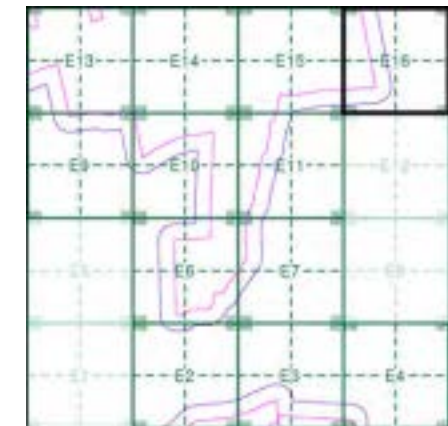
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**

052_01	1906	1:2,500
052_05	1906	1:2,500

**Historical Map - Segment E16**

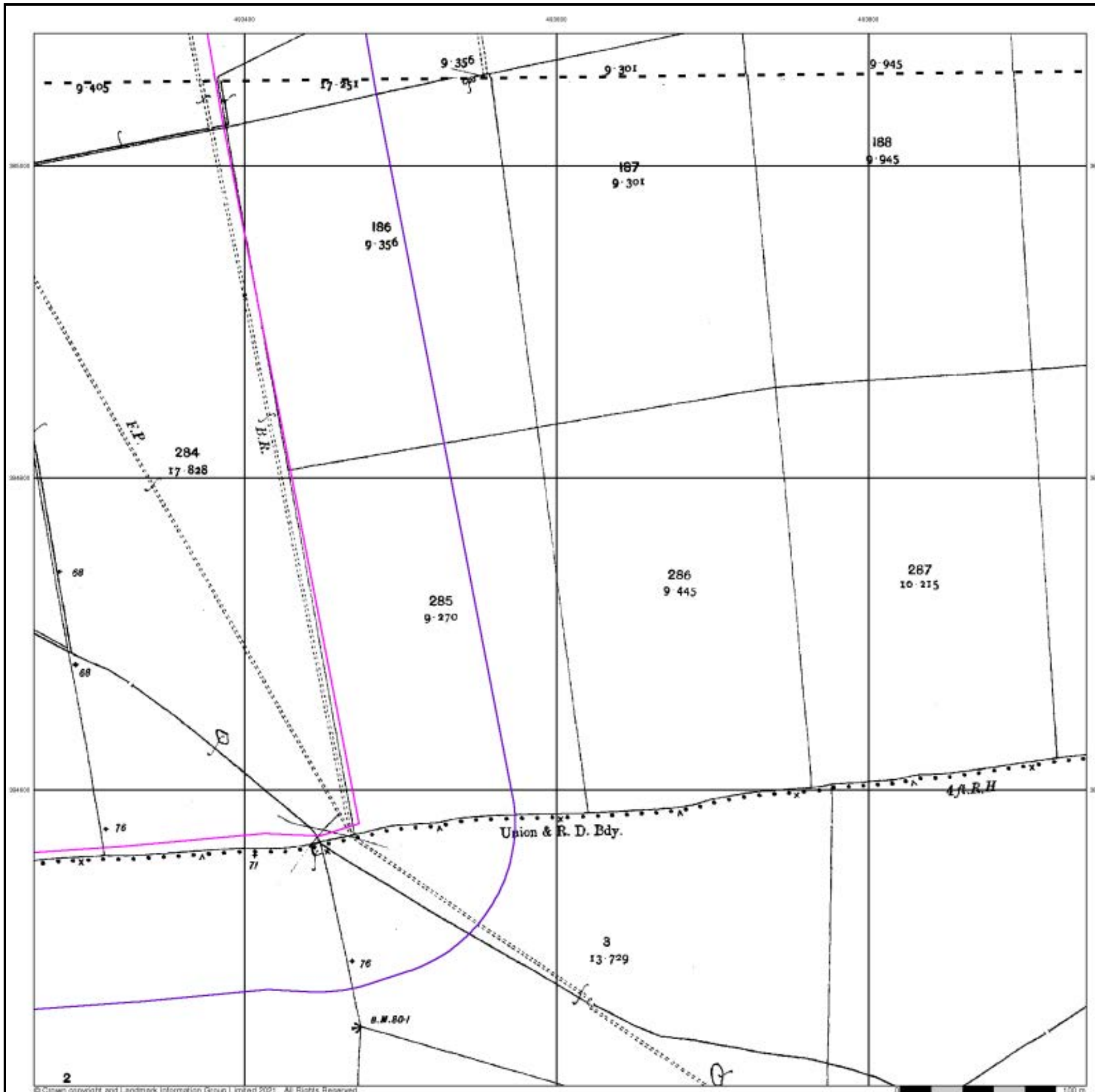


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1





## Ordnance Survey Plan

Published 1974

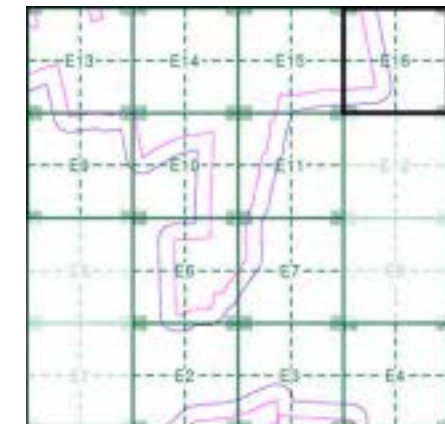
Source map scale - 1:2,500

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)

SK9385
1974
1:2,500
SK9384
1974
1:2,500

### Historical Map - Segment E16

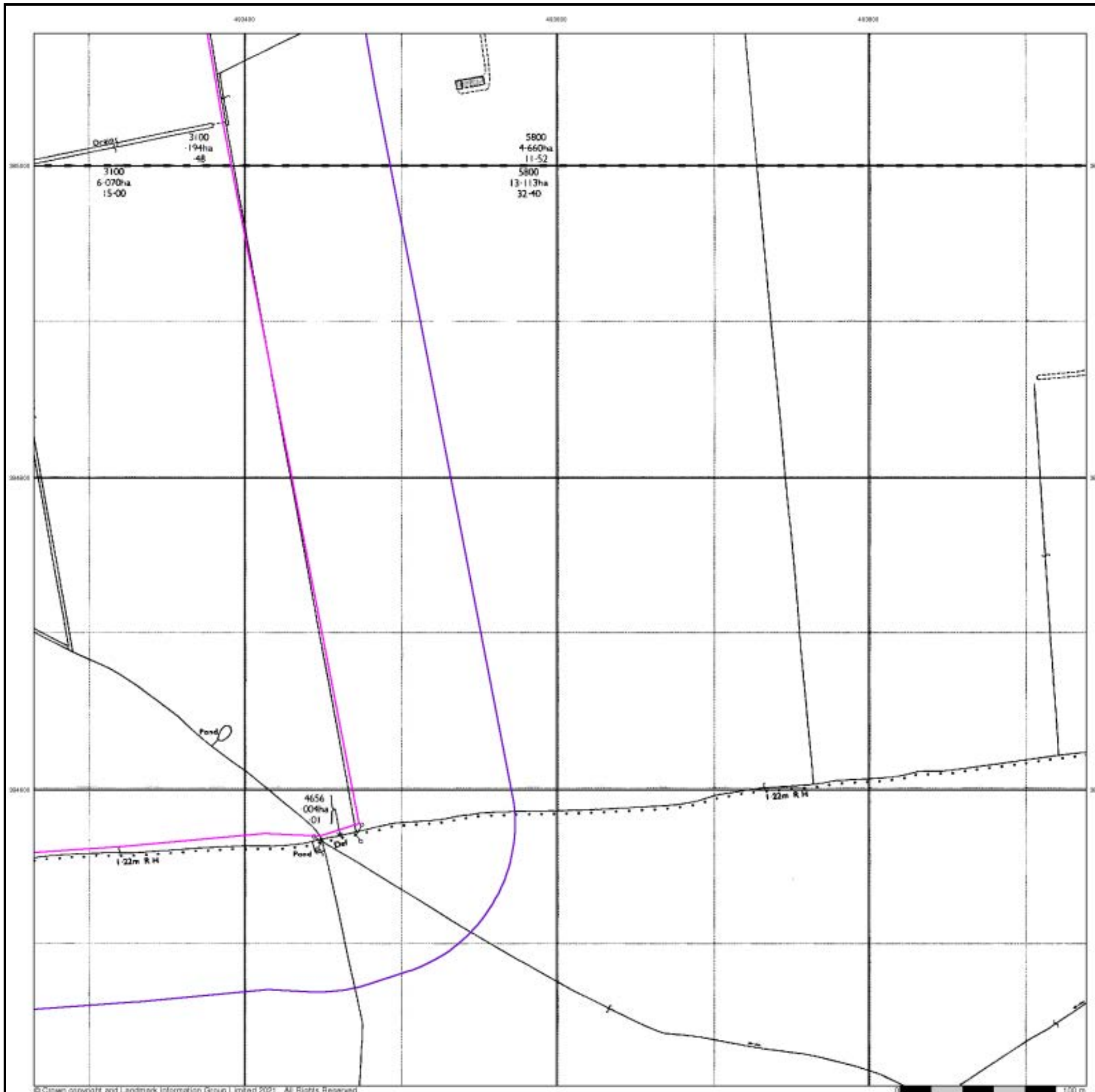


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

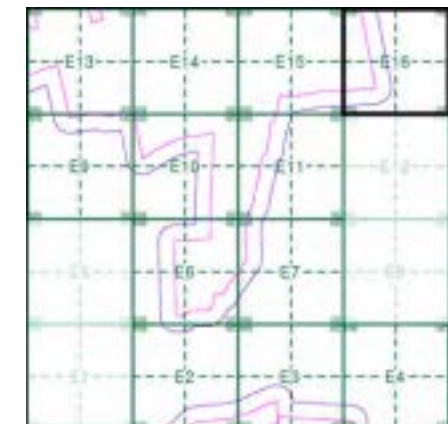
Source map scale - 1:2,500

'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)

SK9385	1994	1:2,500
SK9384	1994	1:2,500

### Historical Map - Segment E16

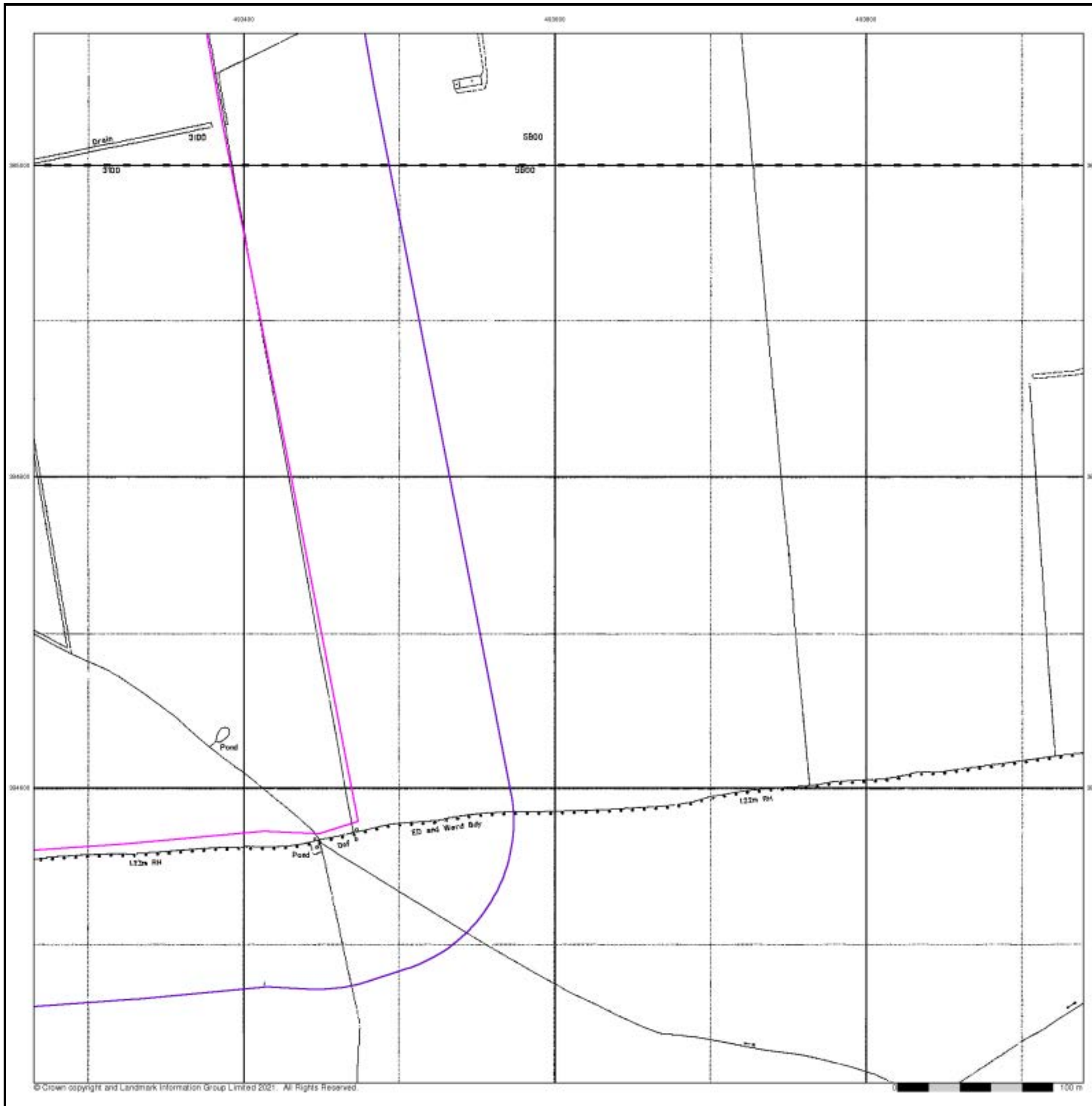


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

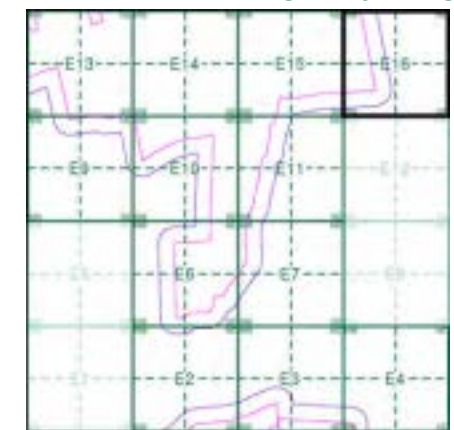
Cottam 1



## 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 E16

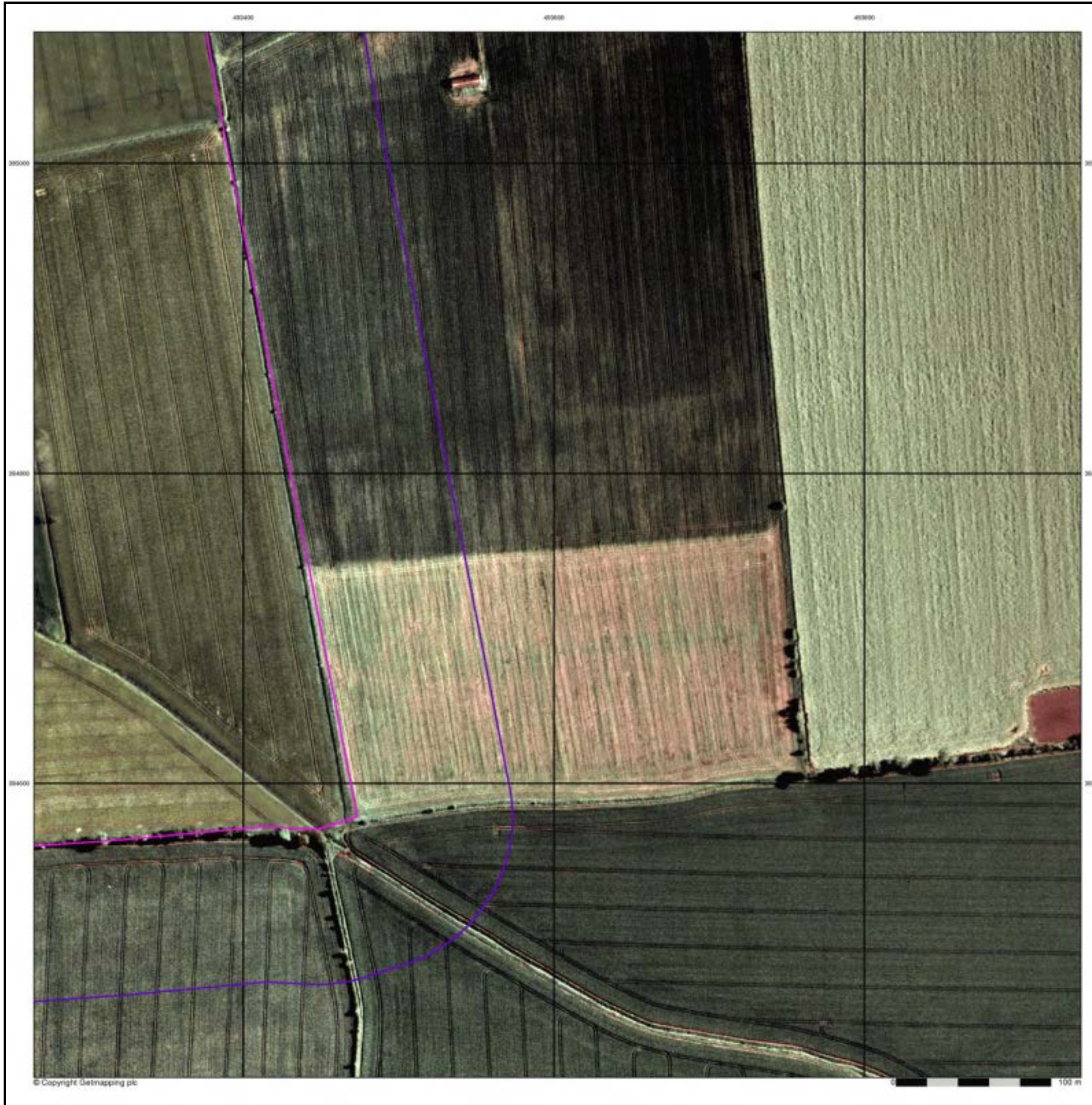


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

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

## Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- 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

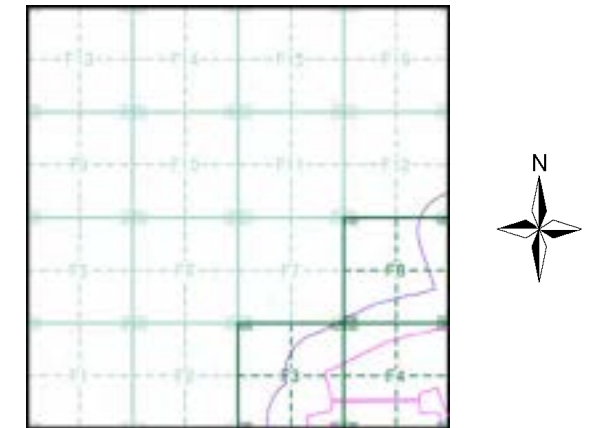
- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- General detail
- Overhead detail
- Multi-track railway
- County boundary (England only)
- District, Unitary, Metropolitan, London Borough boundary
- Area of wooded vegetation
- Non-coniferous trees
- Non-coniferous trees (scattered)
- Coniferous trees
- Coniferous trees (scattered)
- Orchard
- Rough Grassland
- Scrub
- Water feature
- Mean high water (springs)
- Telephone line (where shown)
- 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
- Mean low water (springs)
- Electricity transmission line (with poles)
- Triangulation station
- Pylon, flare stack or lighting tower
- Glasshouse
- Important Building



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1885	2
Lincolnshire	1:10,560	1907	3
Lincolnshire	1:10,560	1907	4
Lincolnshire	1:10,560	1947	5
Ordnance Survey Plan	1:10,000	1956	6
Ordnance Survey Plan	1:10,000	1970 - 1979	7
Ordnance Survey Plan	1:10,000	1980	8
10K Raster Mapping	1:10,000	2000	9
10K Raster Mapping	1:10,000	2006	10
VectorMap Local	1:10,000	2021	11

## Historical Map - Slice F



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

## Site Details

Cottam 1



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

## Lincolnshire

Published 1885

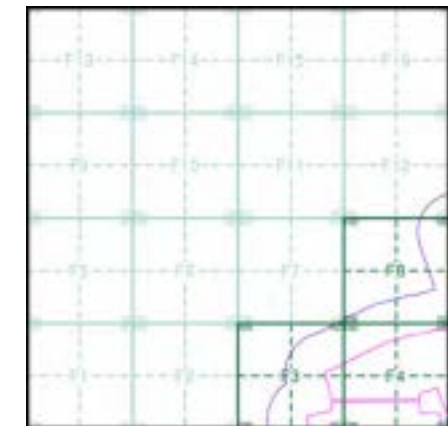
Source map scale - 1:10,560

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)

043SE	1885	1:10,560
051NE	1885	1:10,560

### Historical Map - Slice F

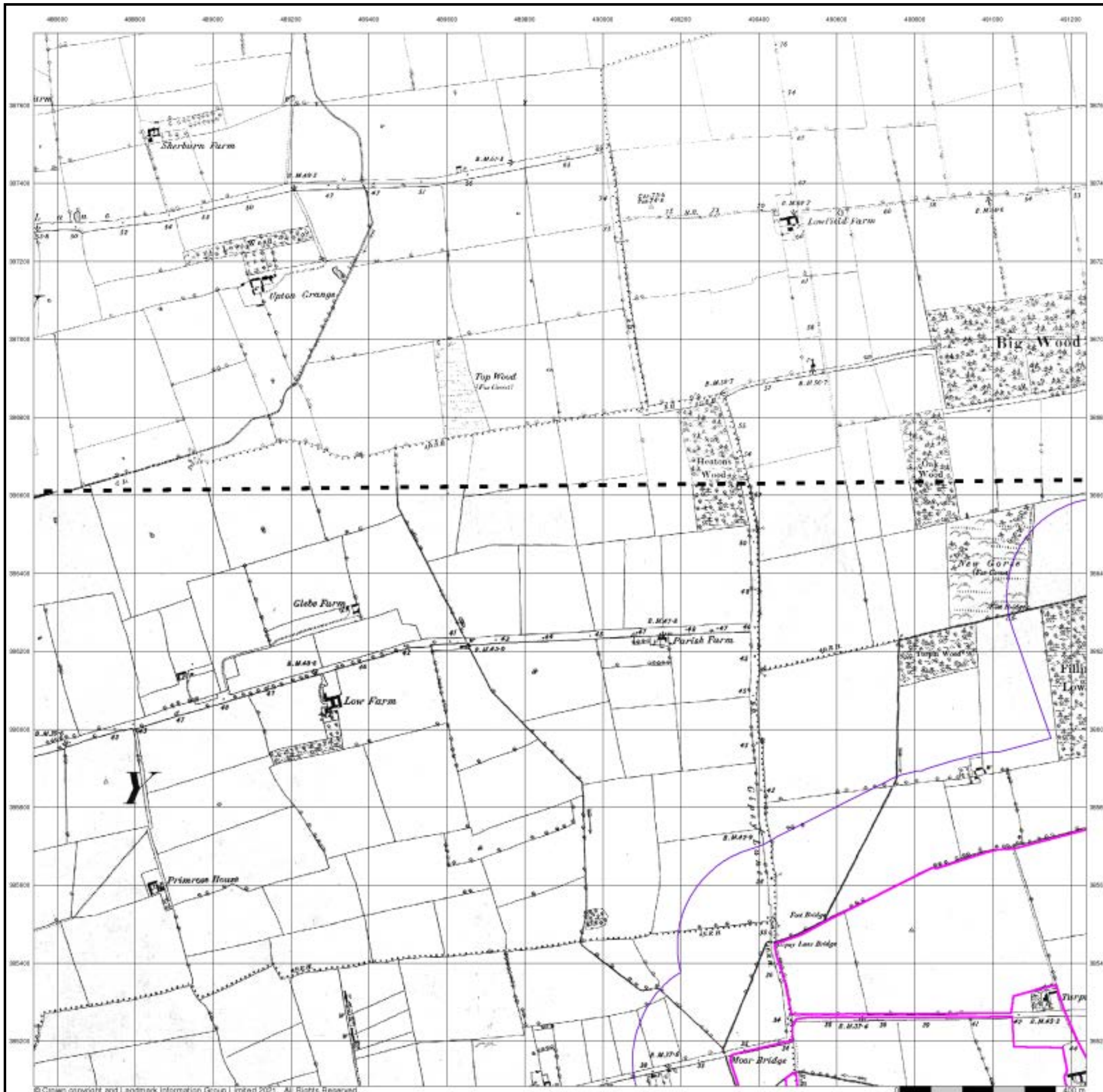


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1907

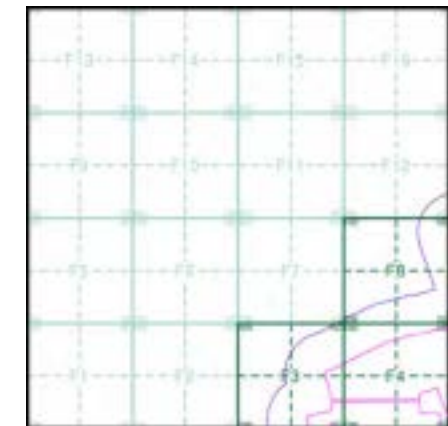
Source map scale - 1:10,560

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

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

043SE	1907	1:10,560
051NE	1907	1:10,560

### Historical Map - Slice F

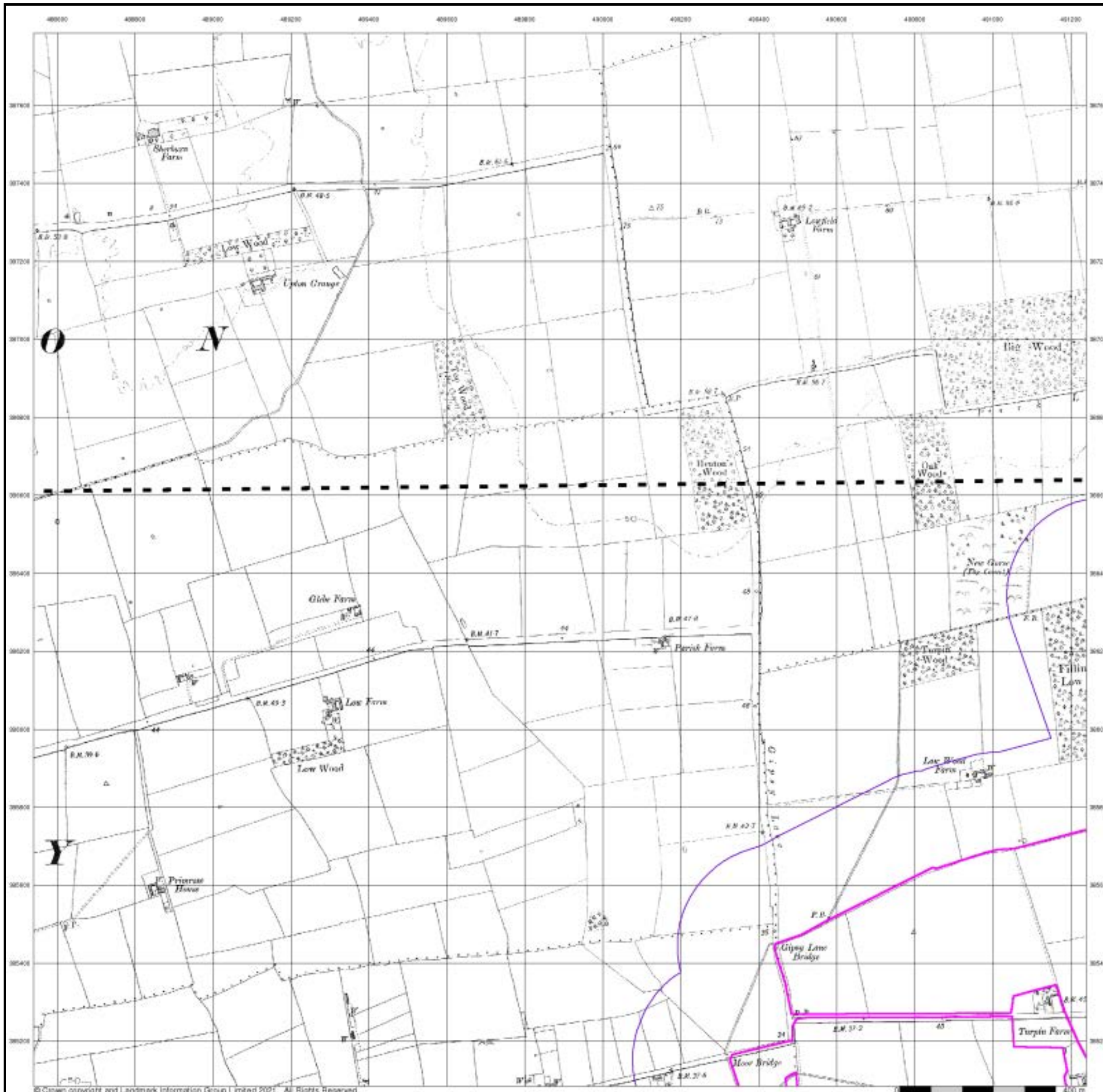


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



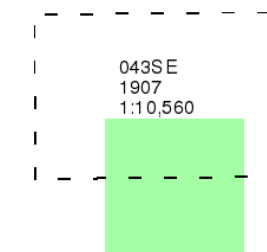
## Lincolnshire

Published 1907

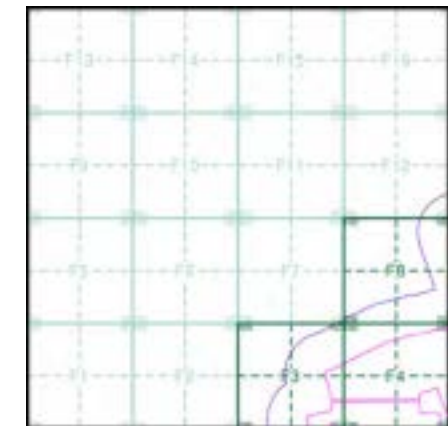
Source map scale - 1:10,560

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

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



### Historical Map - Slice F

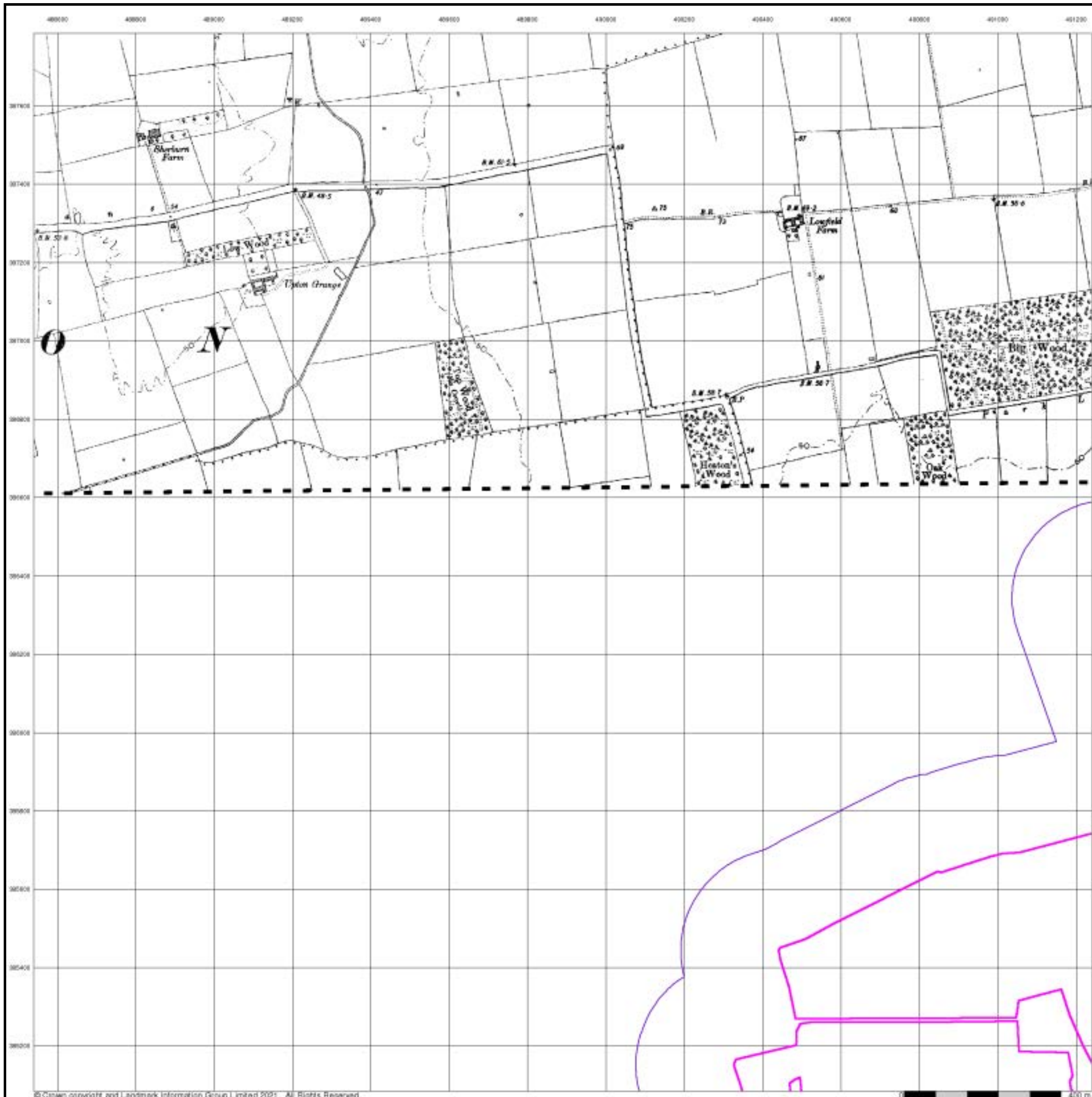


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1947

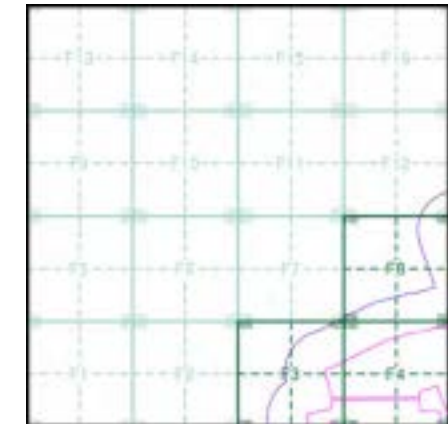
Source map scale - 1:10,560

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)

043SE	1947	1:10,560
051NE	1947	1:10,560

### Historical Map - Slice F

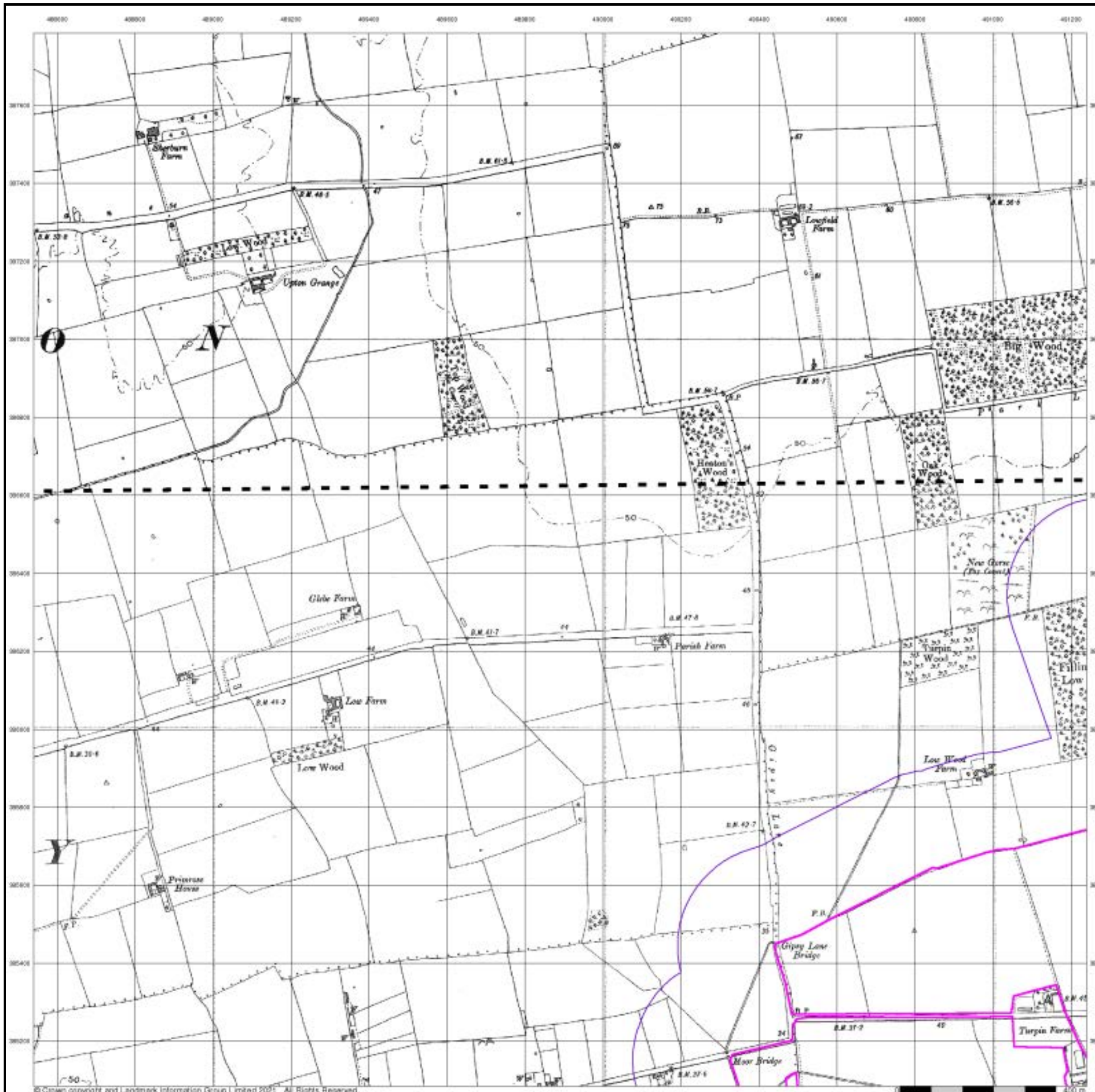


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1





## Ordnance Survey Plan

Published 1956

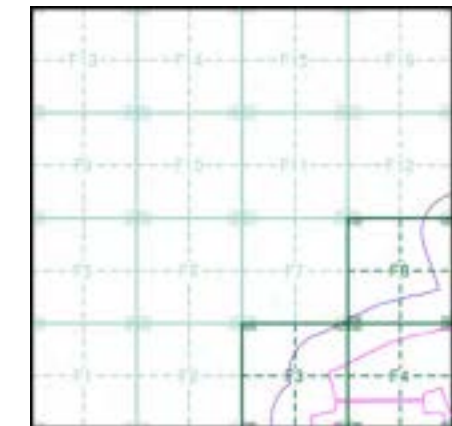
Source map scale - 1:10,000

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

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

SK88NE 1956 1:10,560	SK98NW 1956 1:10,560
----------------------------	----------------------------

### Historical Map - Slice F

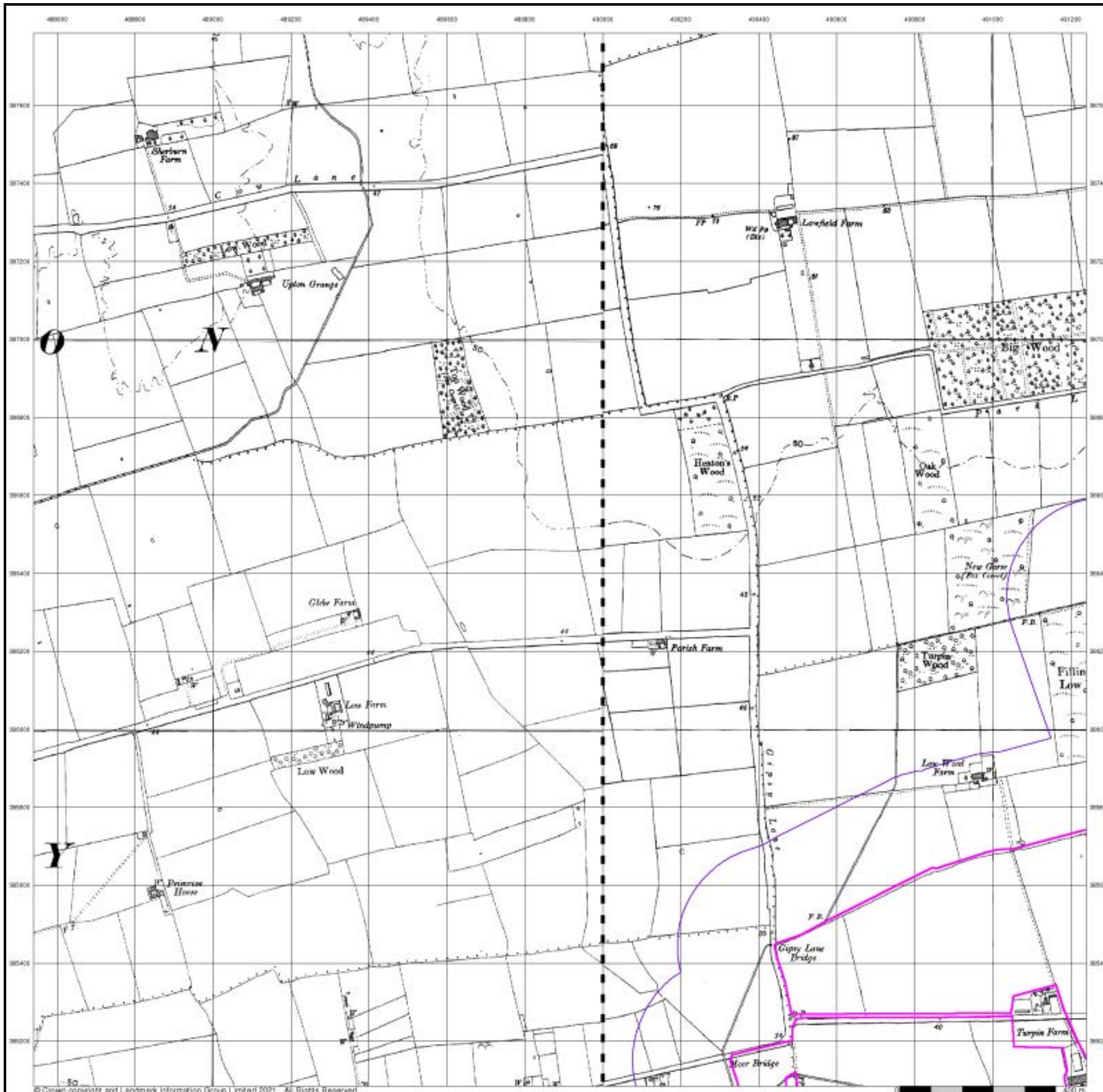


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



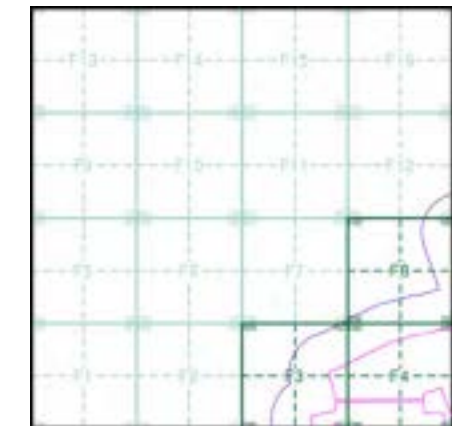
**Ordnance Survey Plan**  
**Published 1970 - 1979**  
**Source map scale - 1:10,000**

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)**

SK88NE 1970 1:10,560	SK98NW 1979 1:10,000
----------------------------	----------------------------

**Historical Map - Slice F**

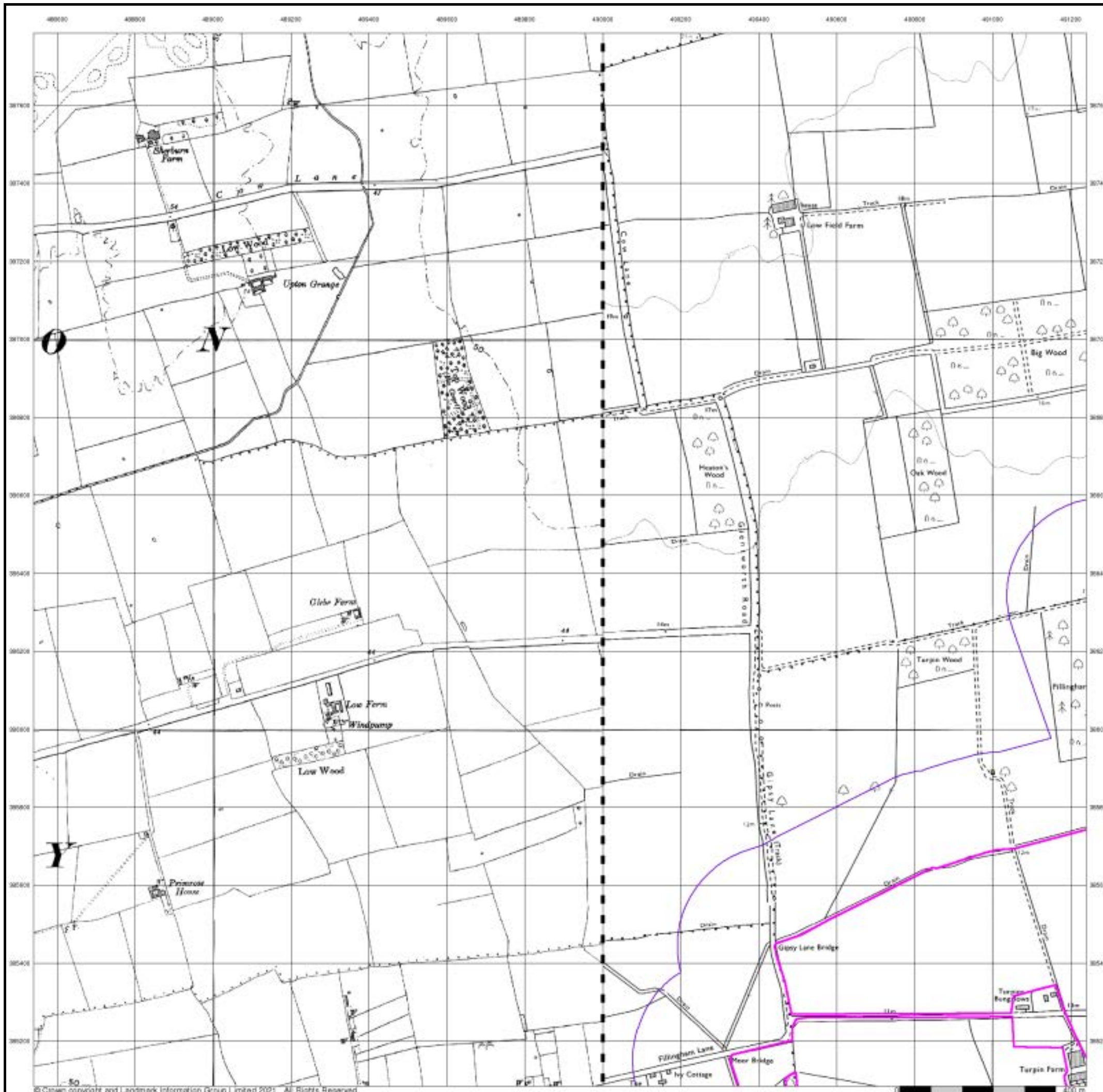


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

**Site Details**

Cottam 1



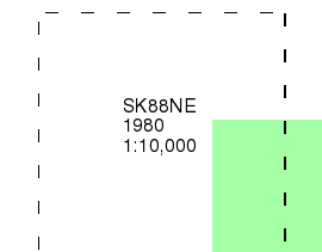
## Ordnance Survey Plan

Published 1980

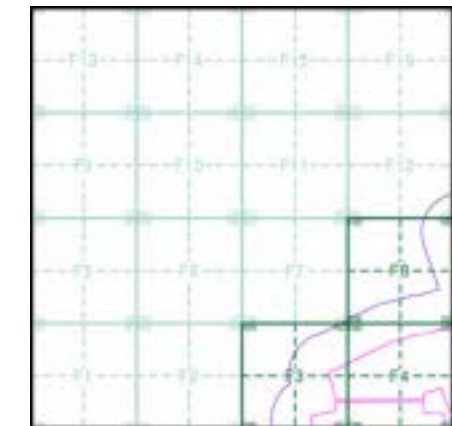
Source map scale - 1:10,000

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 F



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



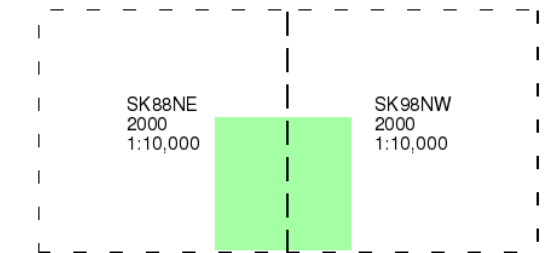
### 10k Raster Mapping

Published 2000

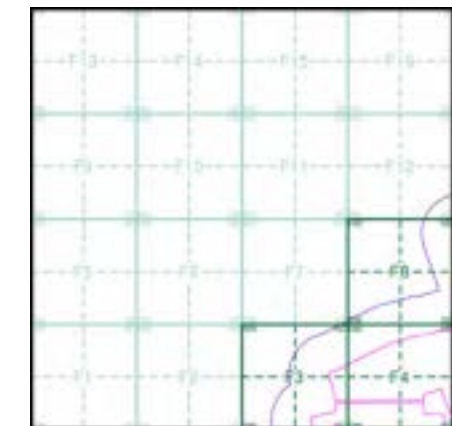
Source map scale - 1:10,000

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

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



### Historical Map - Slice F

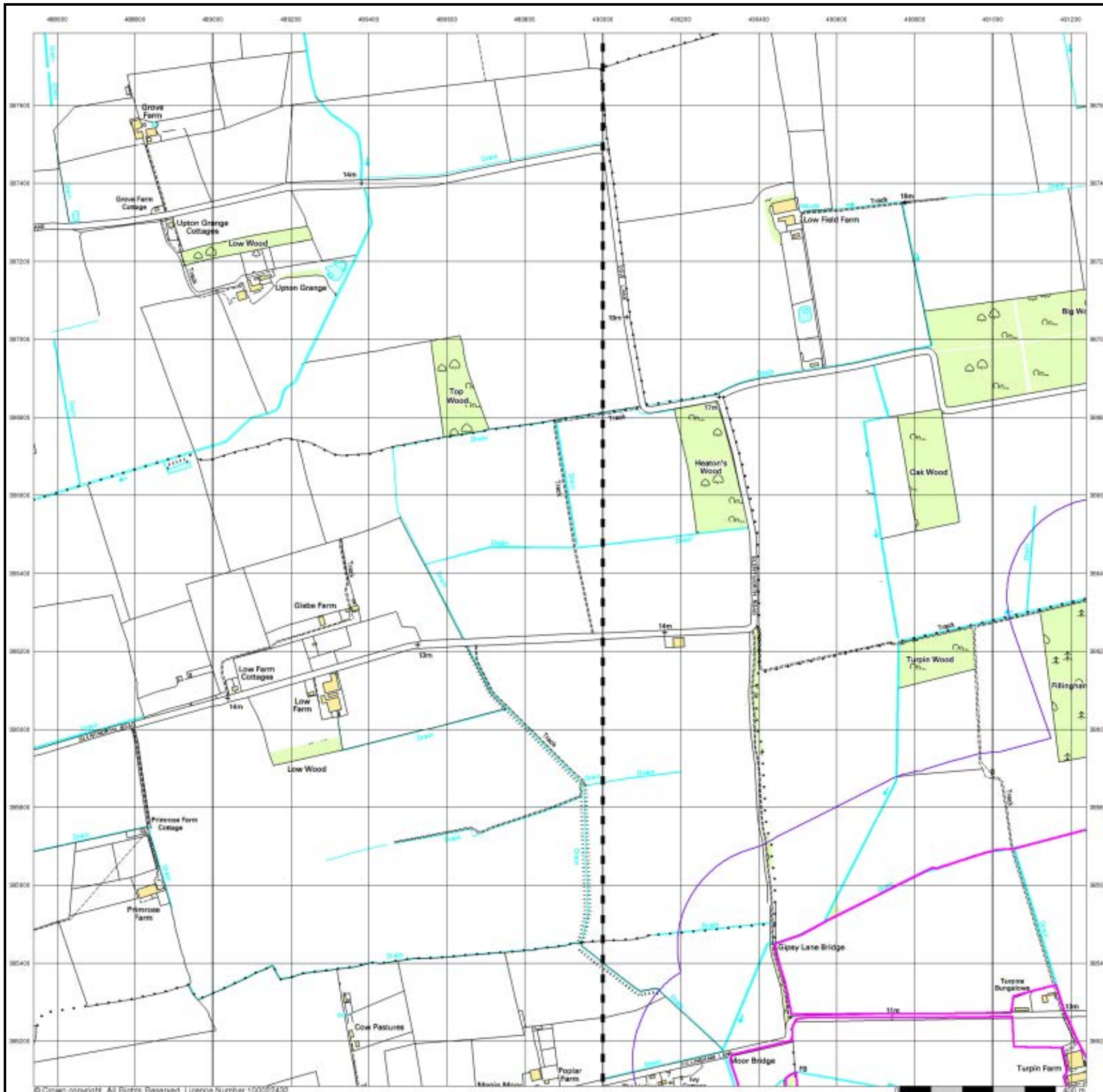


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



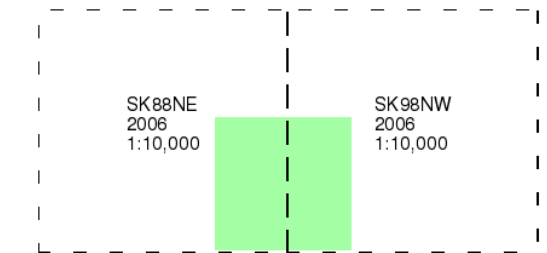
### 10k Raster Mapping

Published 2006

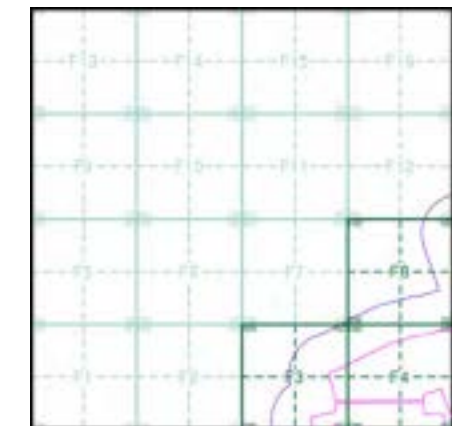
Source map scale - 1:10,000

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 F

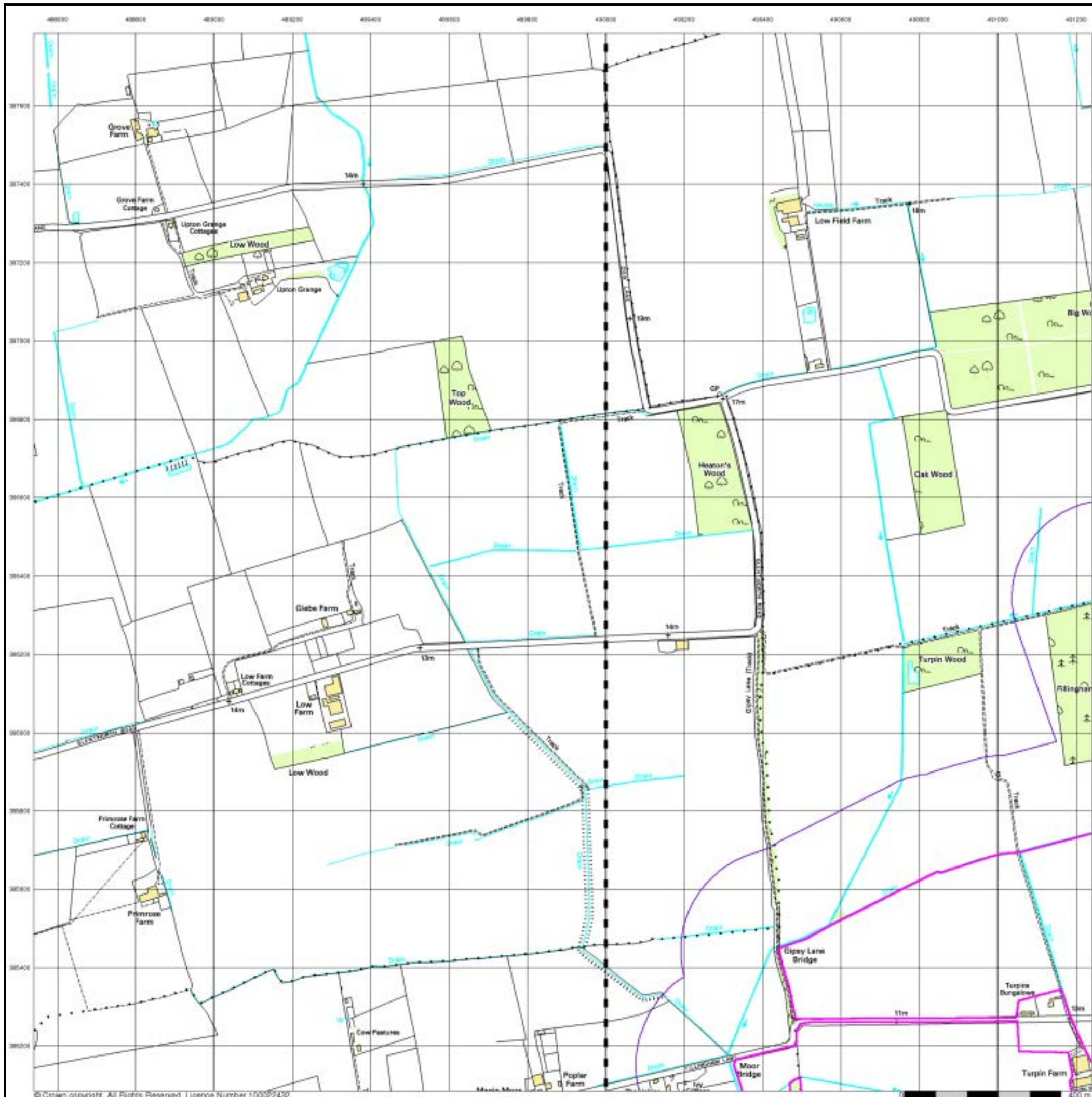


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



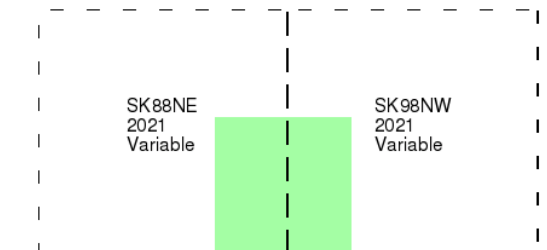
## VectorMap Local

Published 2021

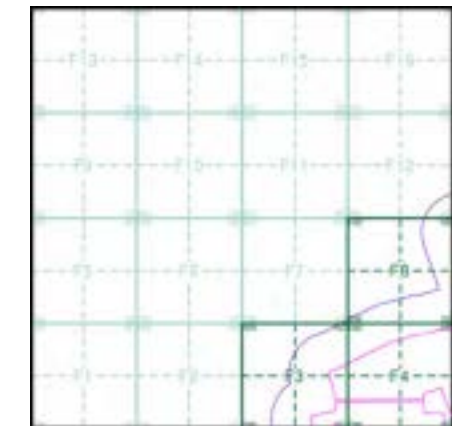
Source map scale - 1:10,000

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 F

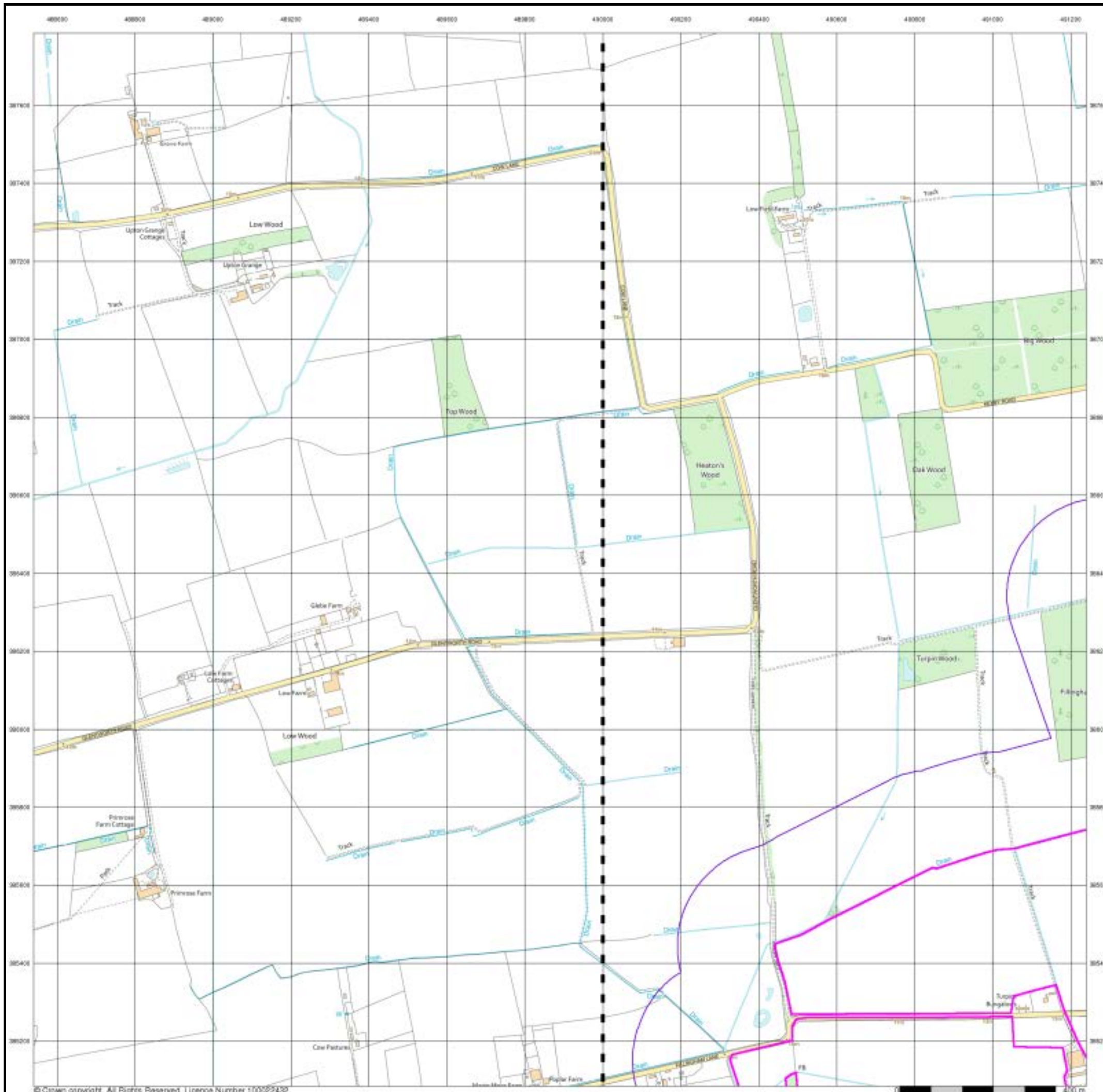


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

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

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

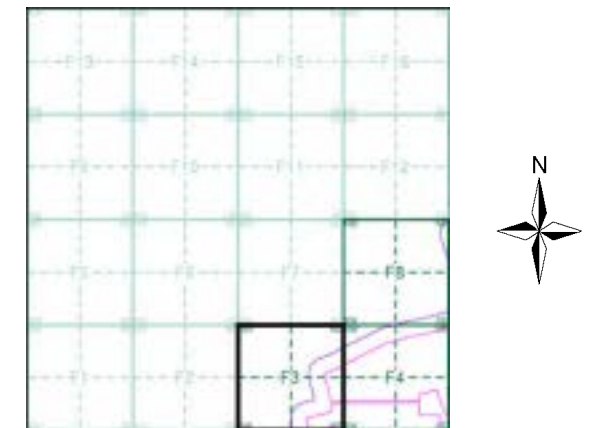
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1972 - 1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment F3



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

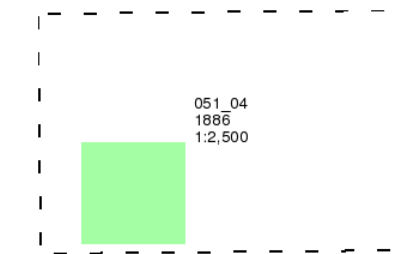
**Lincolnshire**

**Published 1886**

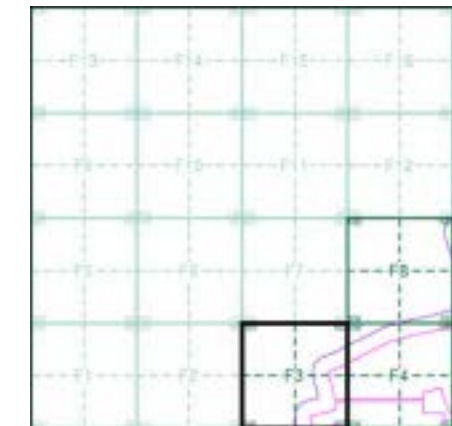
**Source map scale - 1:2,500**

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 F3**

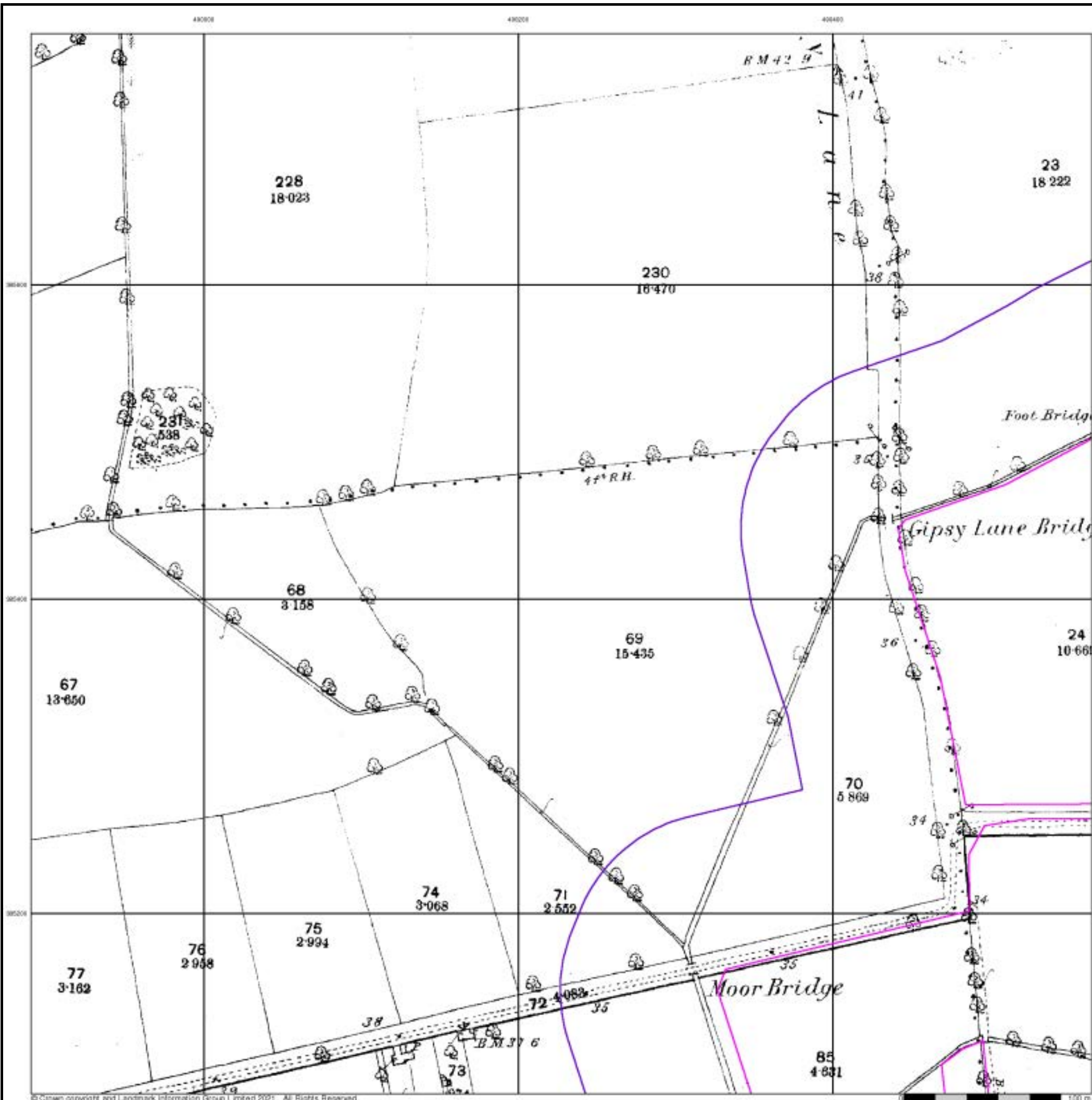


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



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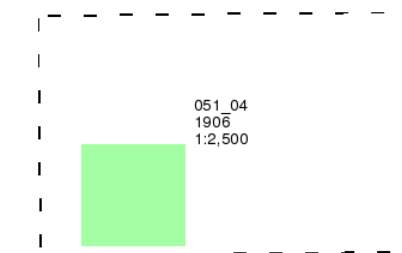
## Lincolnshire

Published 1906

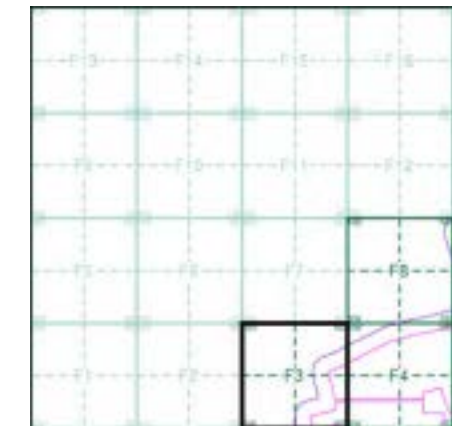
Source map scale - 1:2,500

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

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



### Historical Map - Segment F3



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



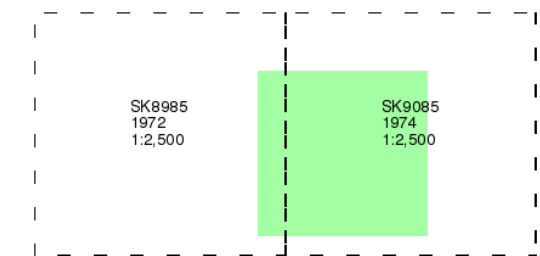
### Ordnance Survey Plan

Published 1972 - 1974

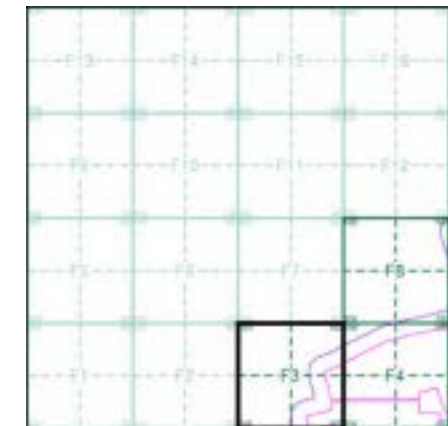
Source map scale - 1:2,500

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 F3

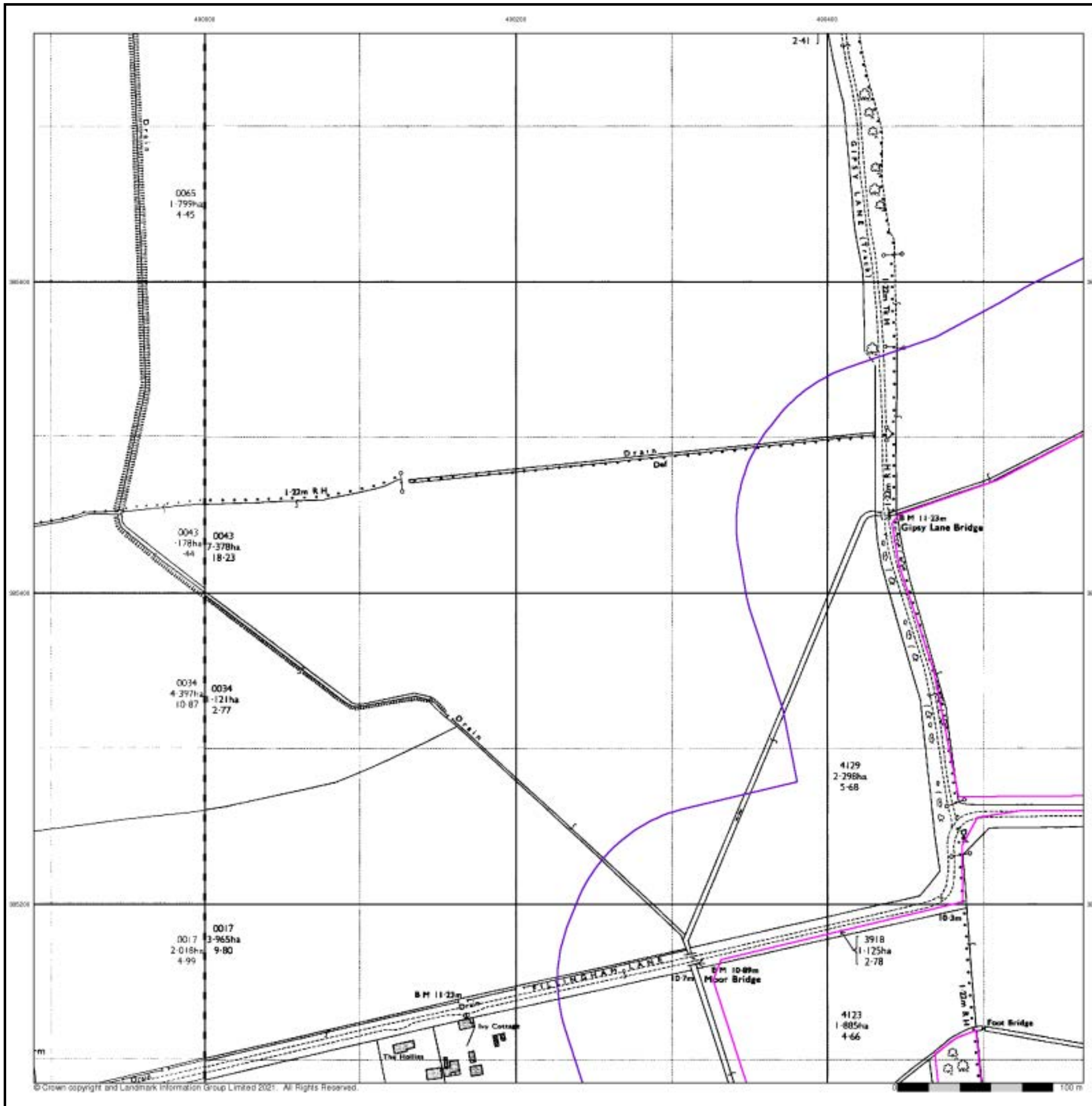


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



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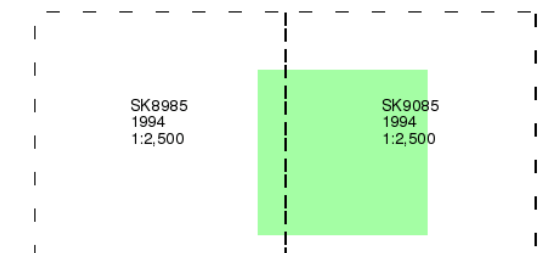
## Large-Scale National Grid Data

Published 1994

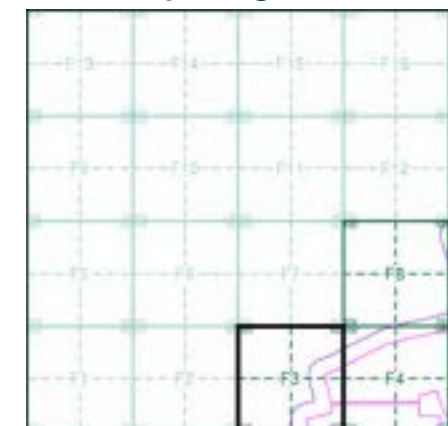
Source map scale - 1:2,500

'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 F3

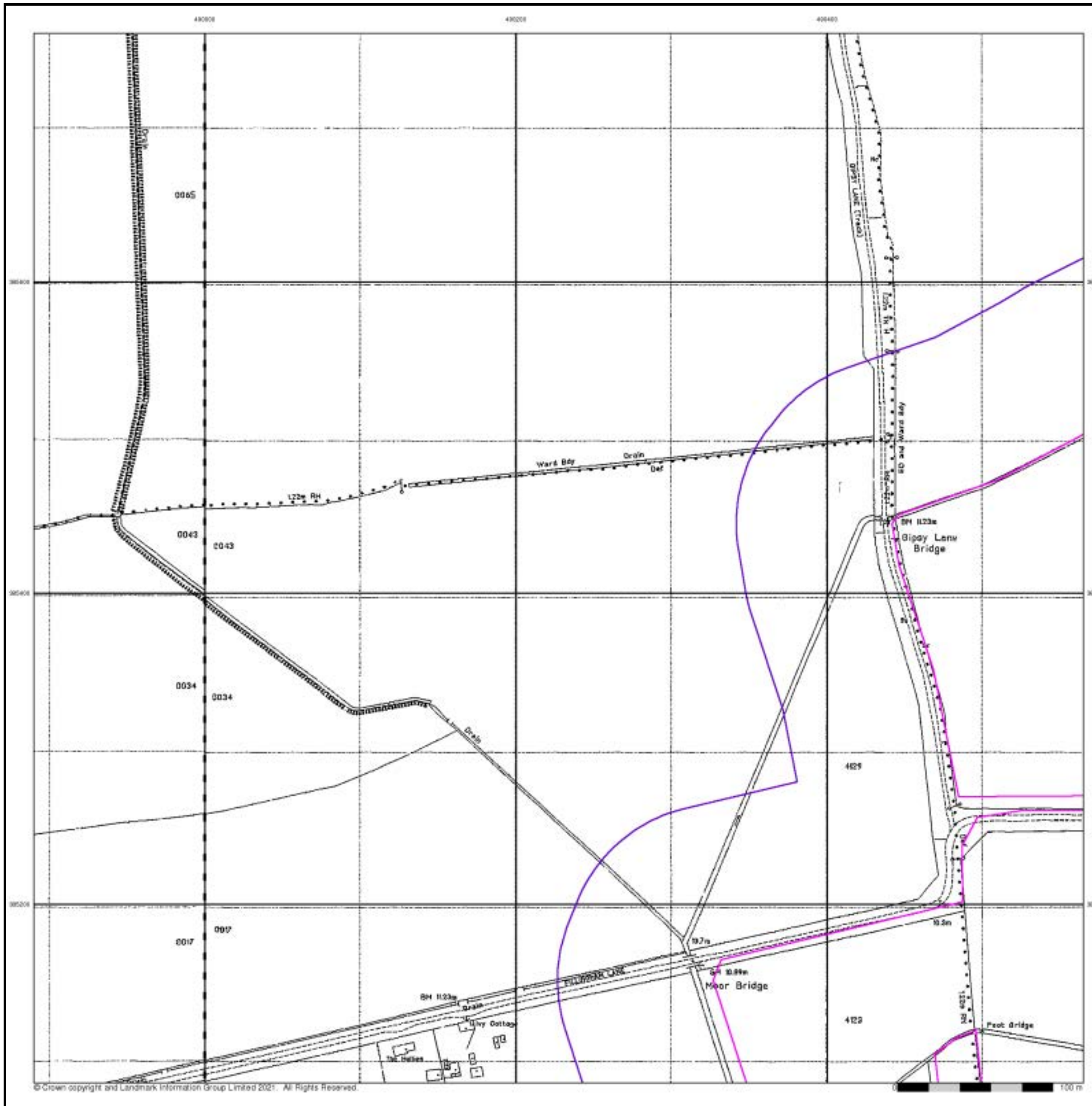


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



430000

490200

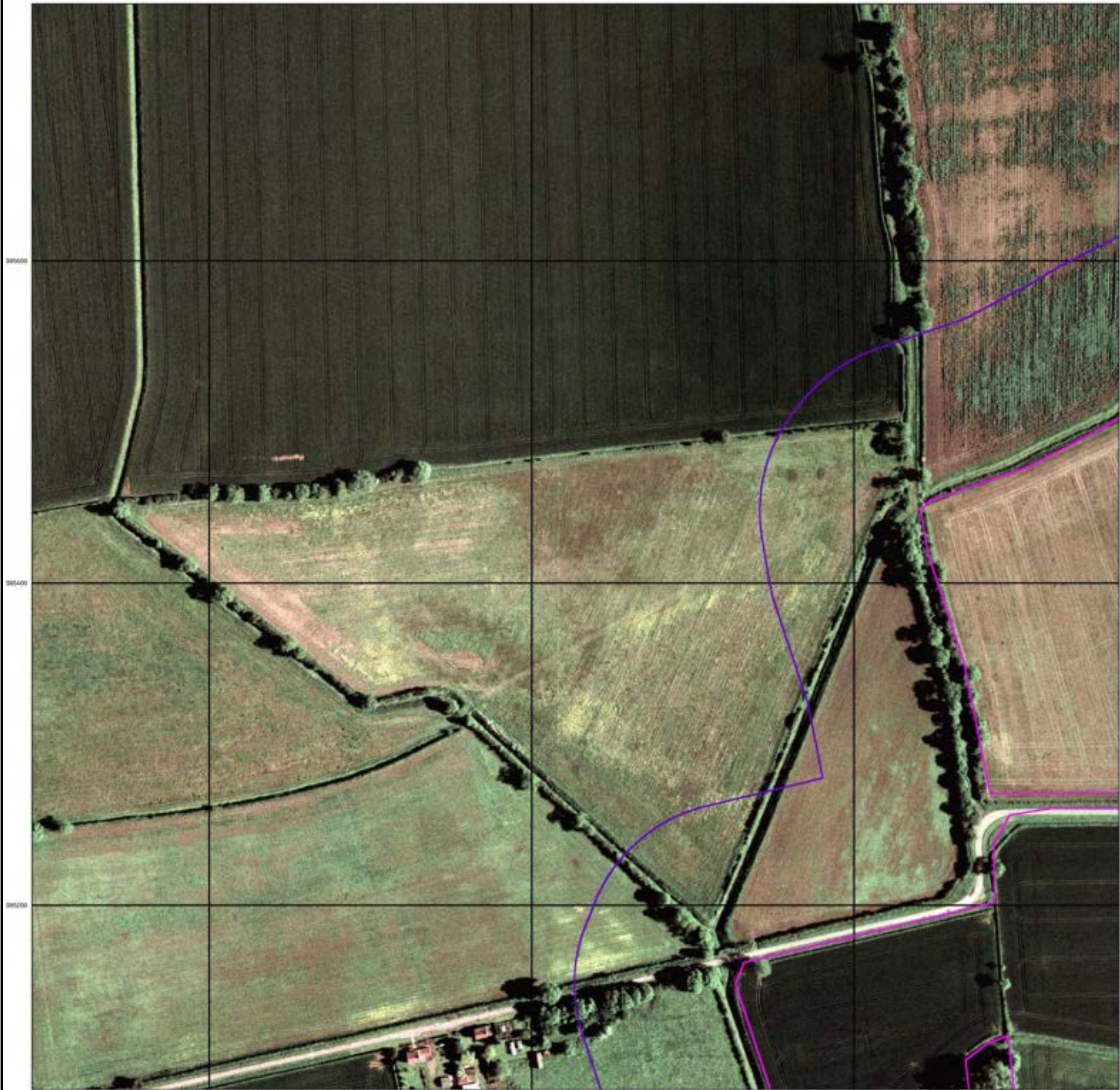
490400



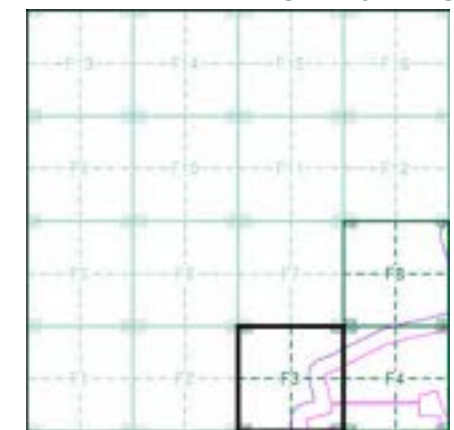
### Historical Aerial Photography

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 F3



### Order Details

Order Number:	287330989_1_1
Customer Ref:	21-1088.02
National Grid Reference:	490790, 385540
Slice:	F
Site Area (Ha):	884.45
Search Buffer (m):	100

### Site Details

Cottam 1



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)**  
**County Burgh Boundary (Scotland)**  
**Boundary Post or Stone**   **Police Call Box**  
**B.R. Bridle Road**   **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

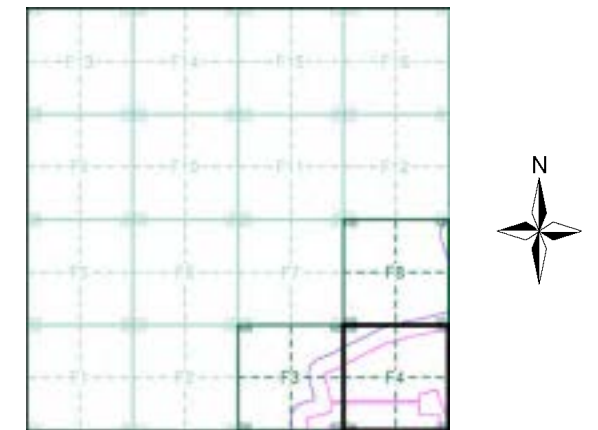
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
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**Direction 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment F4



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



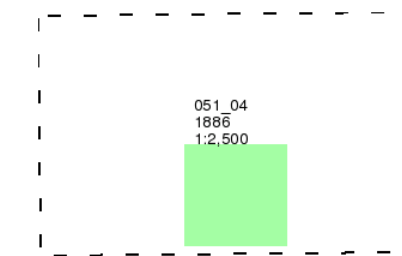
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

**Lincolnshire**  
**Published 1886**

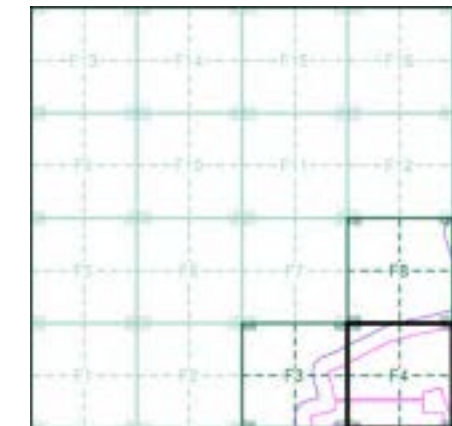
**Source map scale - 1:2,500**

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 F4**

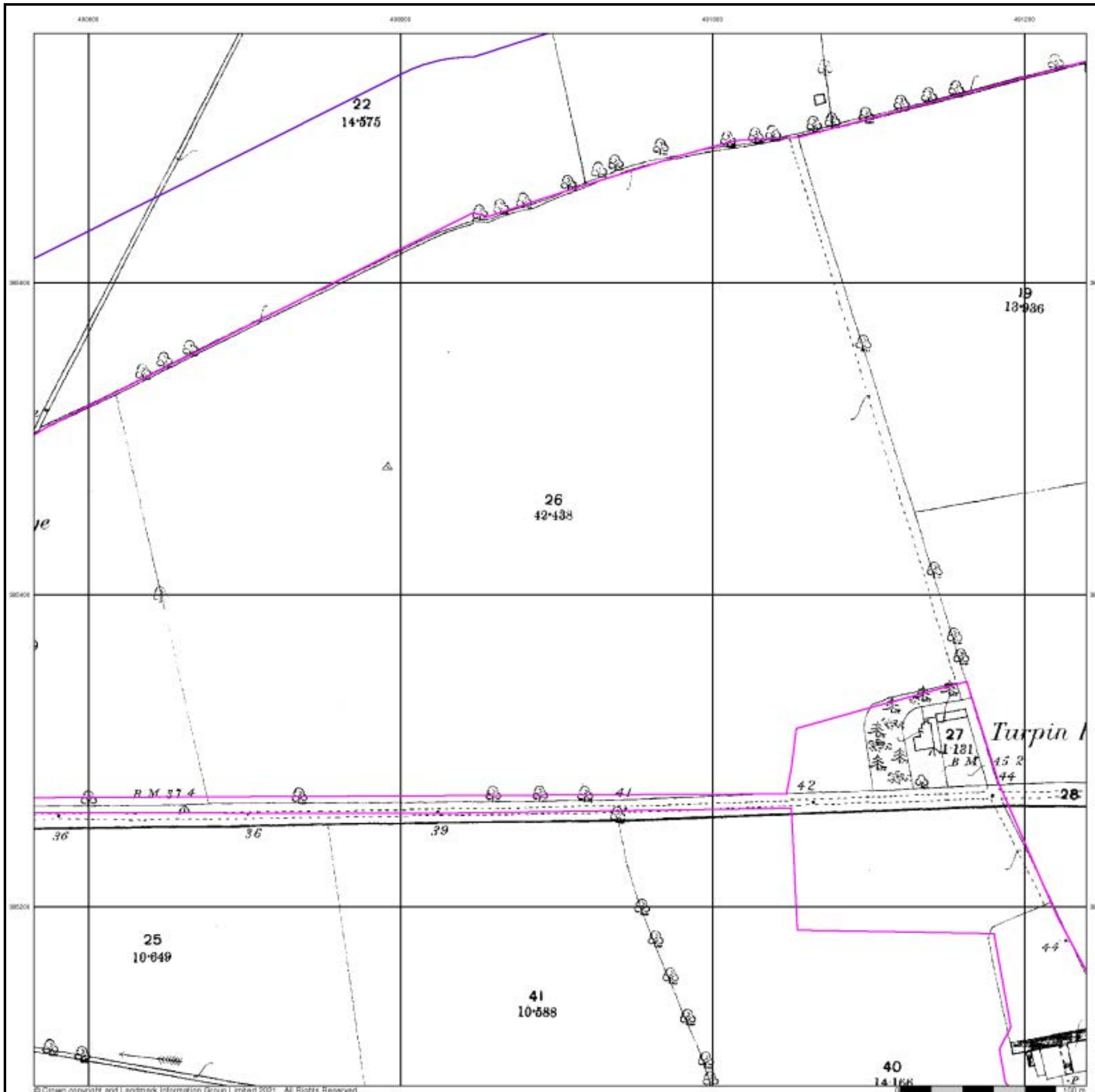


**Order Details**

Order Number: 287330989\_1\_1  
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Cottam 1



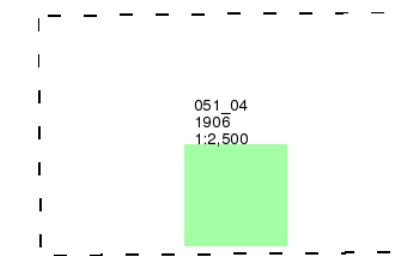
**Lincolnshire**

**Published 1906**

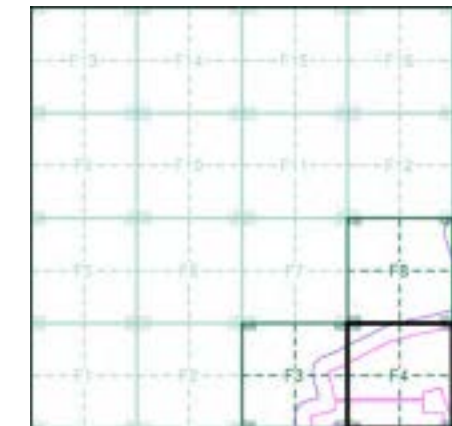
**Source map scale - 1:2,500**

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**Map Name(s) and Date(s)**



**Historical Map - Segment F4**

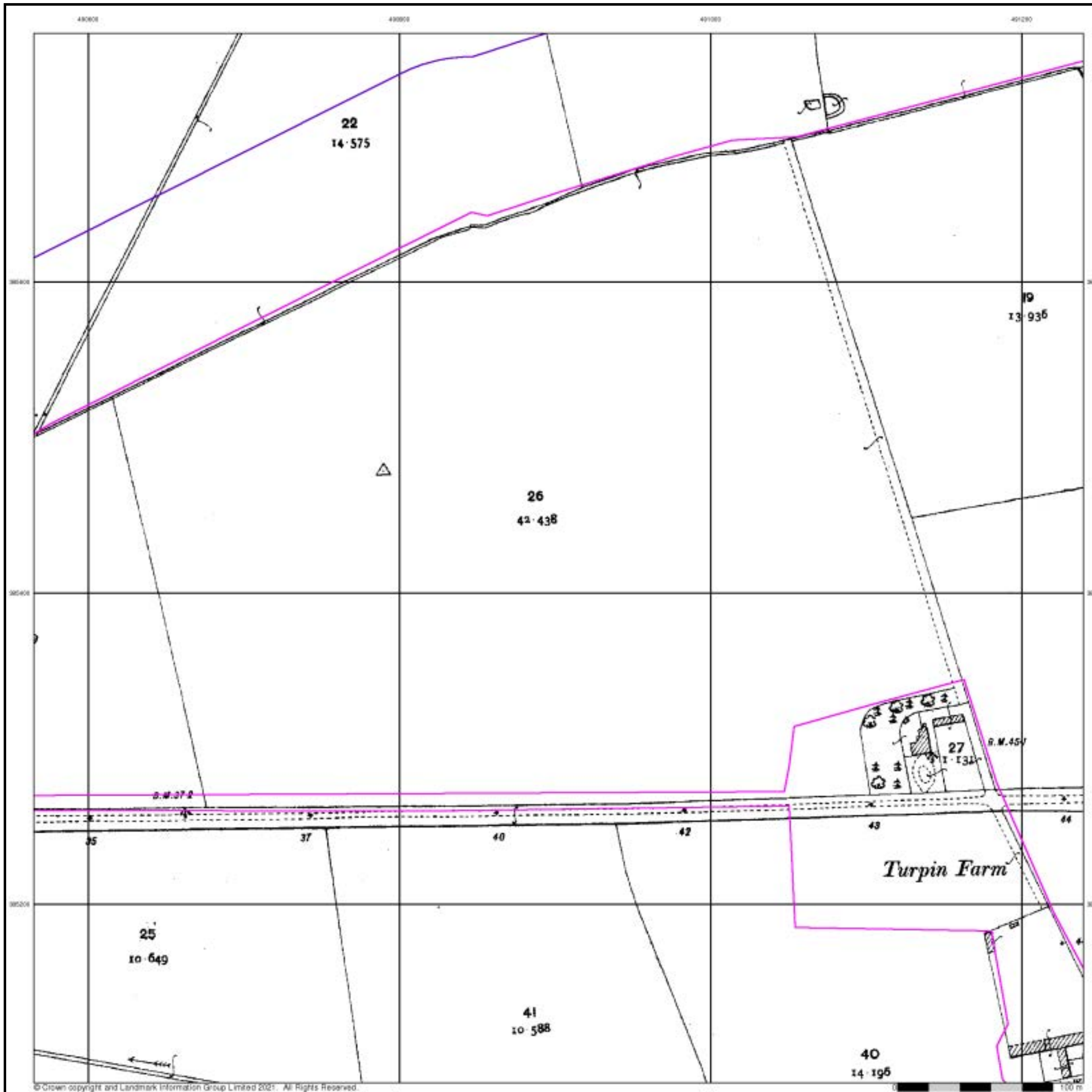


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**Site Details**

Cottam 1



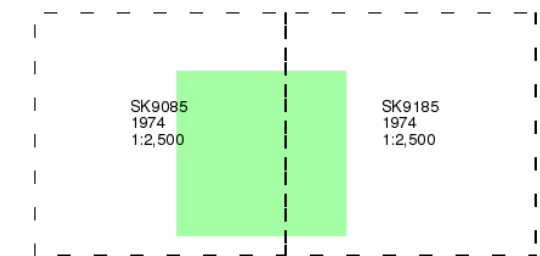
### Ordnance Survey Plan

Published 1974

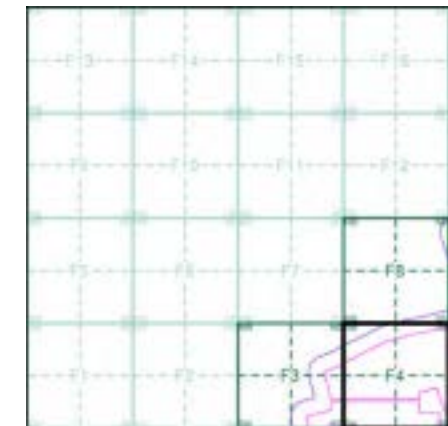
Source map scale - 1:2,500

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 F4

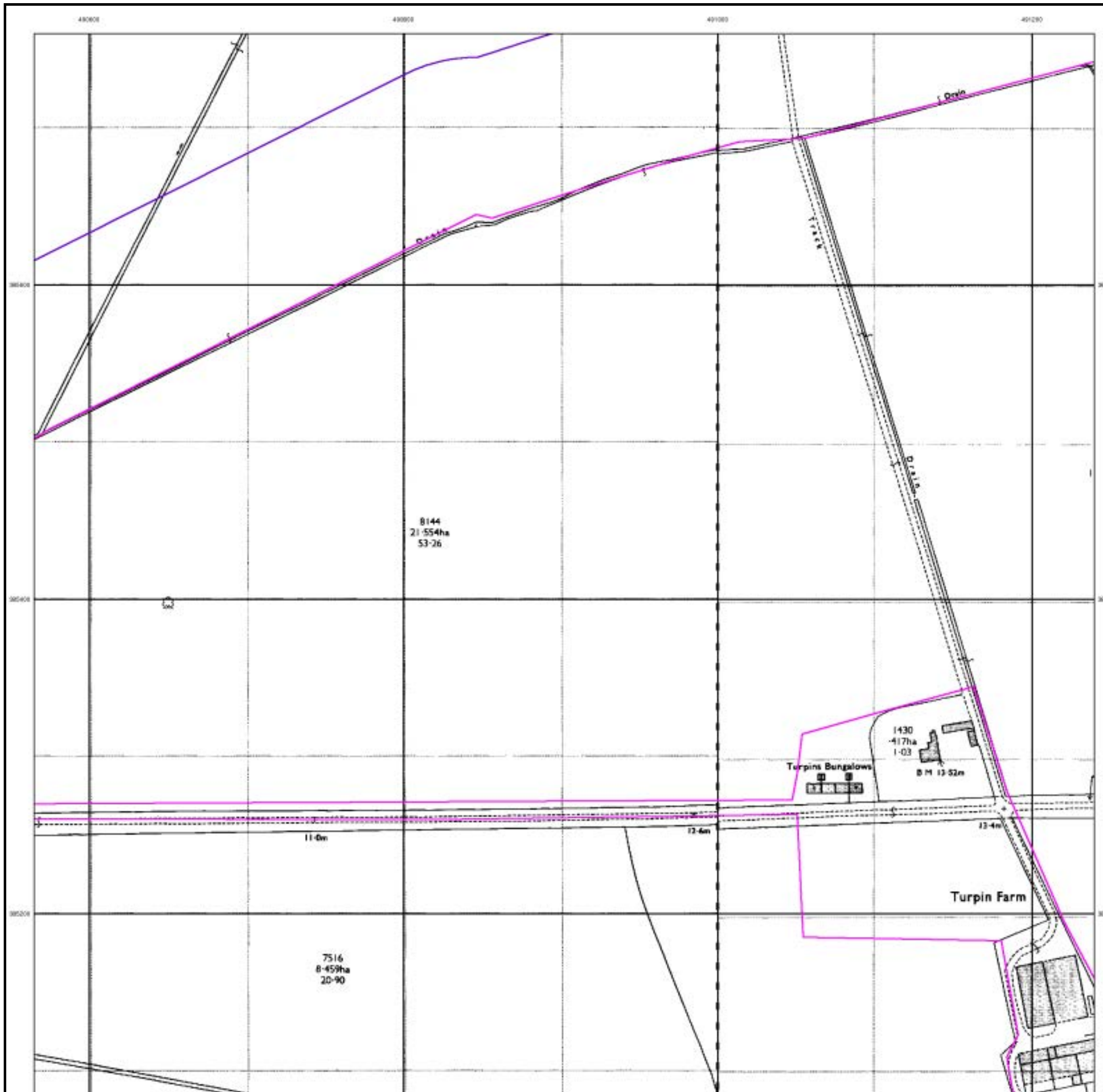


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Cottam 1





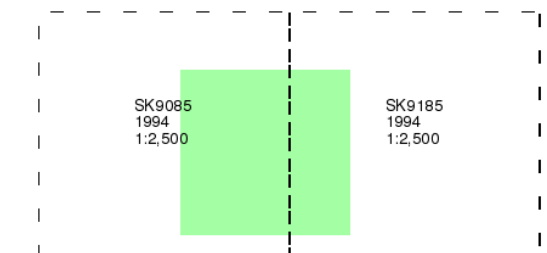
## Large-Scale National Grid Data

Published 1994

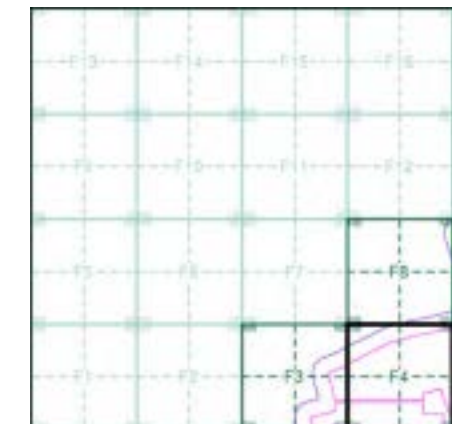
Source map scale - 1:2,500

'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 F4



### Order Details

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 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
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 Site Area (Ha): 884.45  
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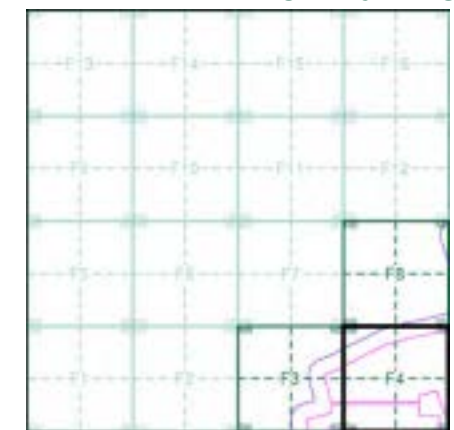


## Historical Aerial Photography

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 F4



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Order Number: 287330989\_1\_1  
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 National Grid Reference: 490790, 385540  
 Slice: F  
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### Site Details

Cottam 1



# 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**  
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**Trig. Station** **Altitude at Trig. Station**  
**B.M. 325.9** **Bench Mark** **Surface Level**  
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**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)**  
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**Boundary Post or Stone** **Police Call Box**  
**B.R. Bridle Road** **Pump**  
**E.P. Electricity Pylon** **S.P. Signal Post**  
**F.B. Foot Bridge** **Sluice**  
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**M.S. Mile Stone** **Trough**  
**M.P. M.R. Mooring Post or Ring** **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)**  
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**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**  
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**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**  
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**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
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## Historical Map - Segment F8



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Order Number: 287330989\_1\_1  
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## Site Details

Cottam 1



Tel: 0844 844 9952  
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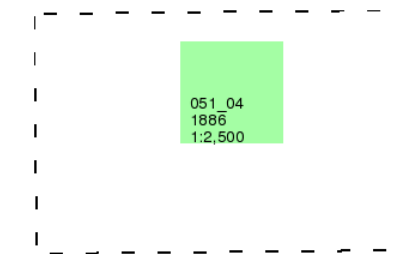
**Lincolnshire**

**Published 1886**

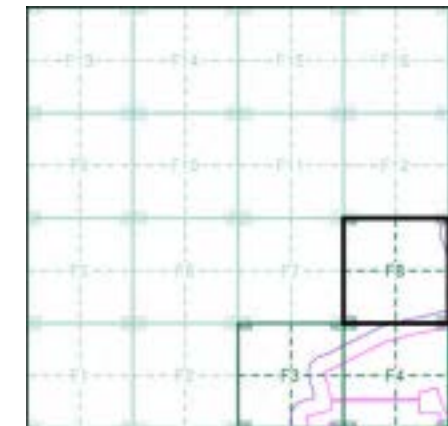
**Source map scale - 1:2,500**

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**Map Name(s) and Date(s)**



**Historical Map - Segment F8**

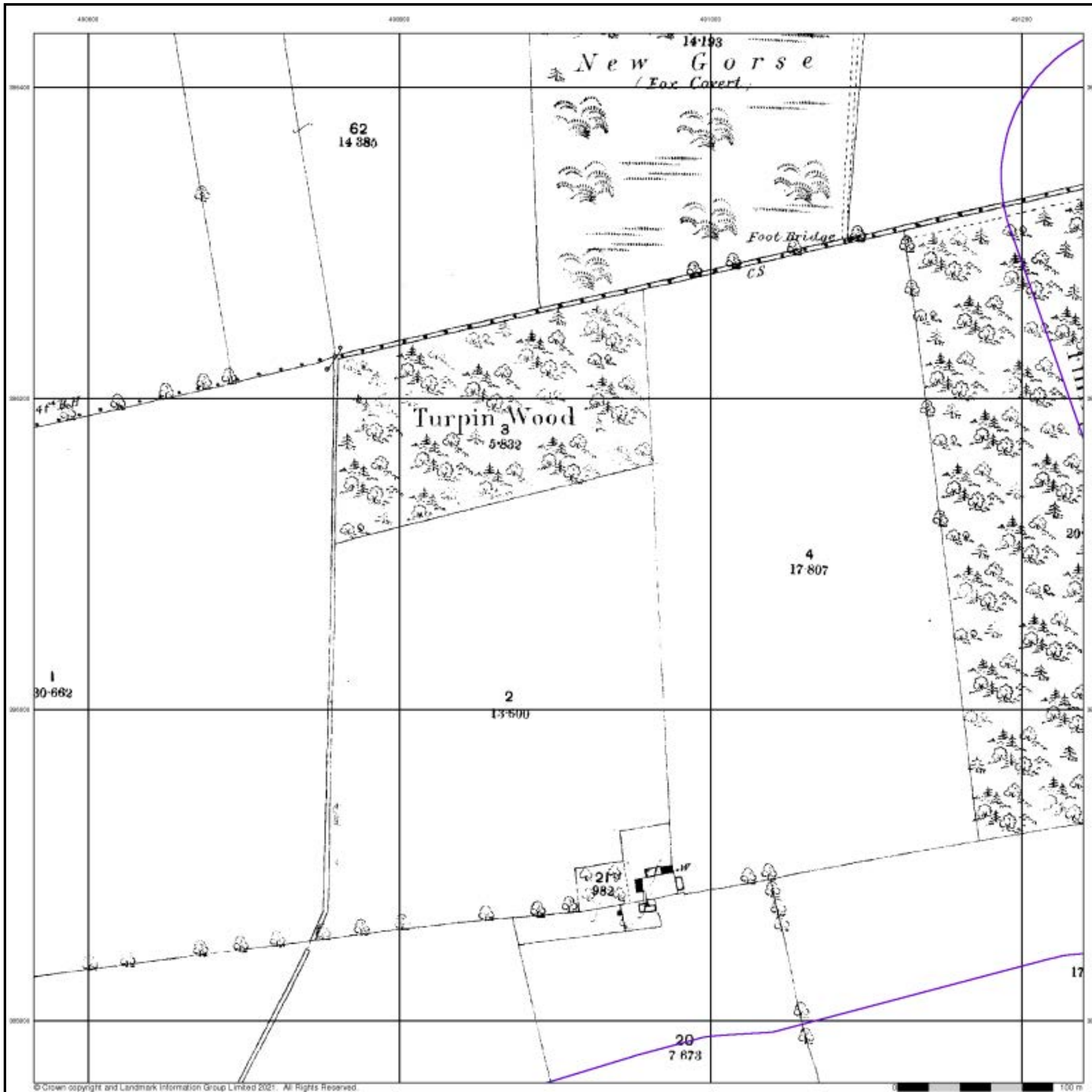


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Cottam 1



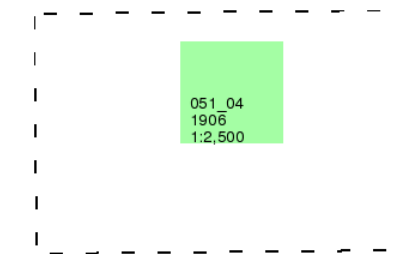
**Lincolnshire**

**Published 1906**

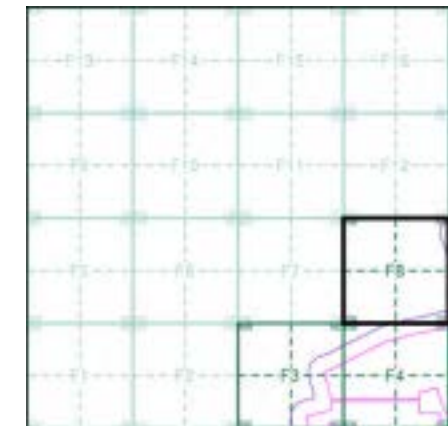
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**Map Name(s) and Date(s)**



**Historical Map - Segment F8**

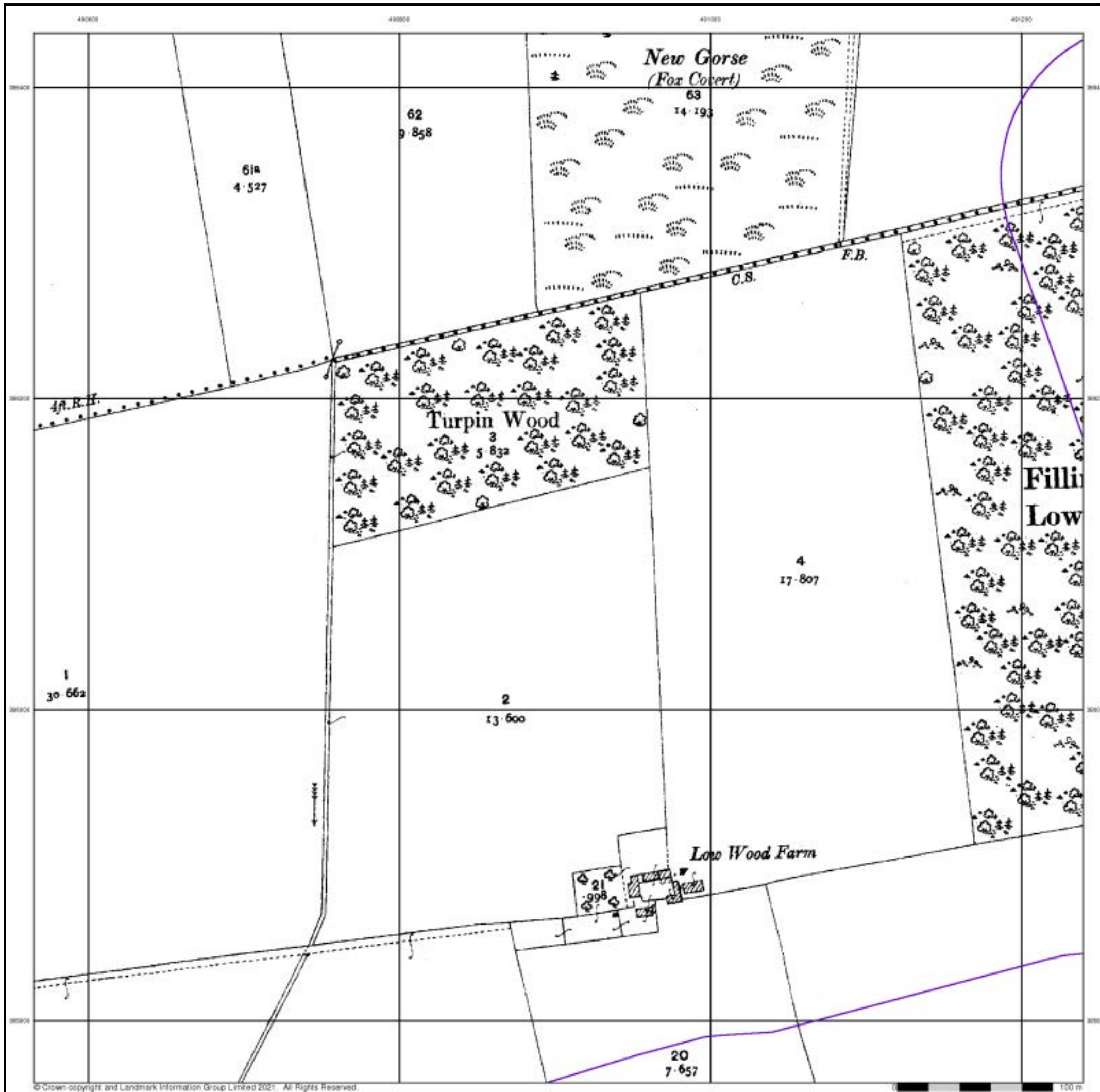


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**Site Details**

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## Ordnance Survey Plan

Published 1974

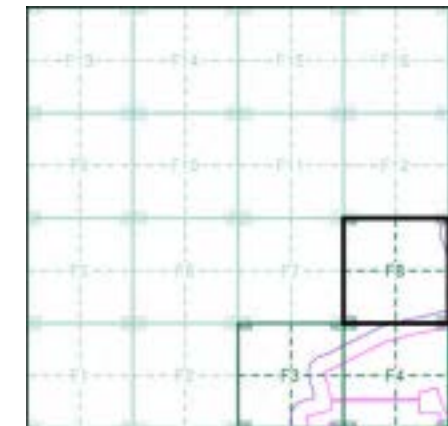
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### Map Name(s) and Date(s)

SK9086 1974 1:2,500	SK9186 1974 1:2,500
SK9085 1974 1:2,500	SK9185 1974 1:2,500

### Historical Map - Segment F8

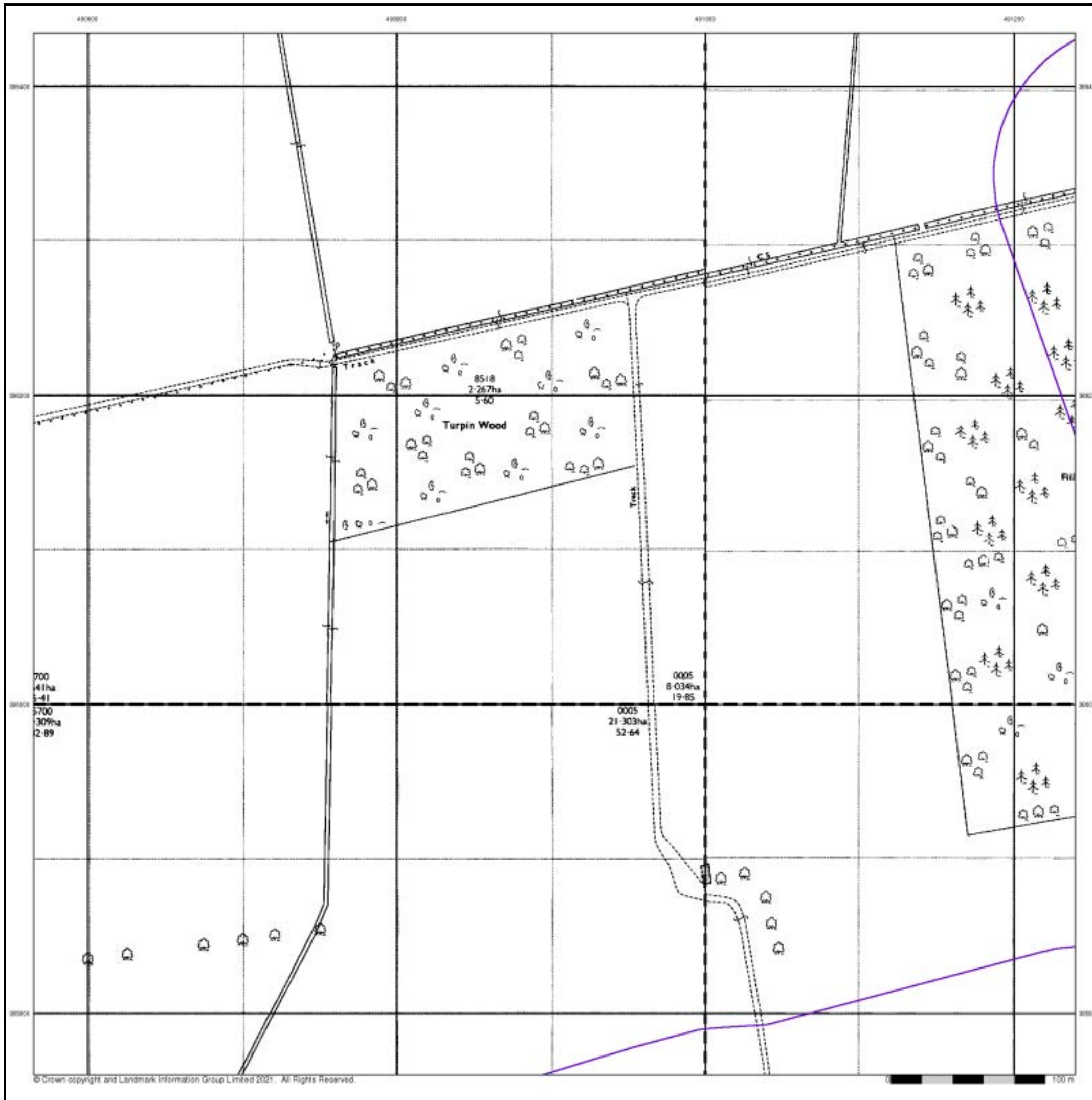


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## Large-Scale National Grid Data

Published 1994

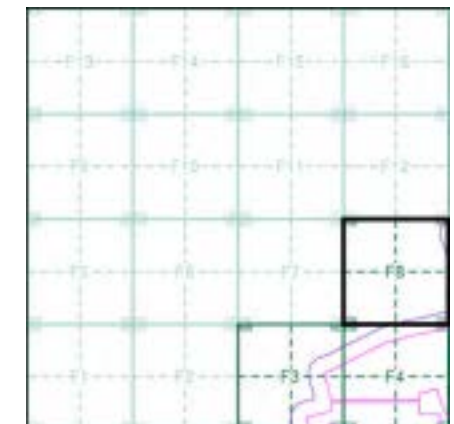
Source map scale - 1:2,500

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

SK9086	SK9186
1994	1994
12,500	12,500
SK9085	SK9185
1994	1994
12,500	12,500

### Historical Map - Segment F8

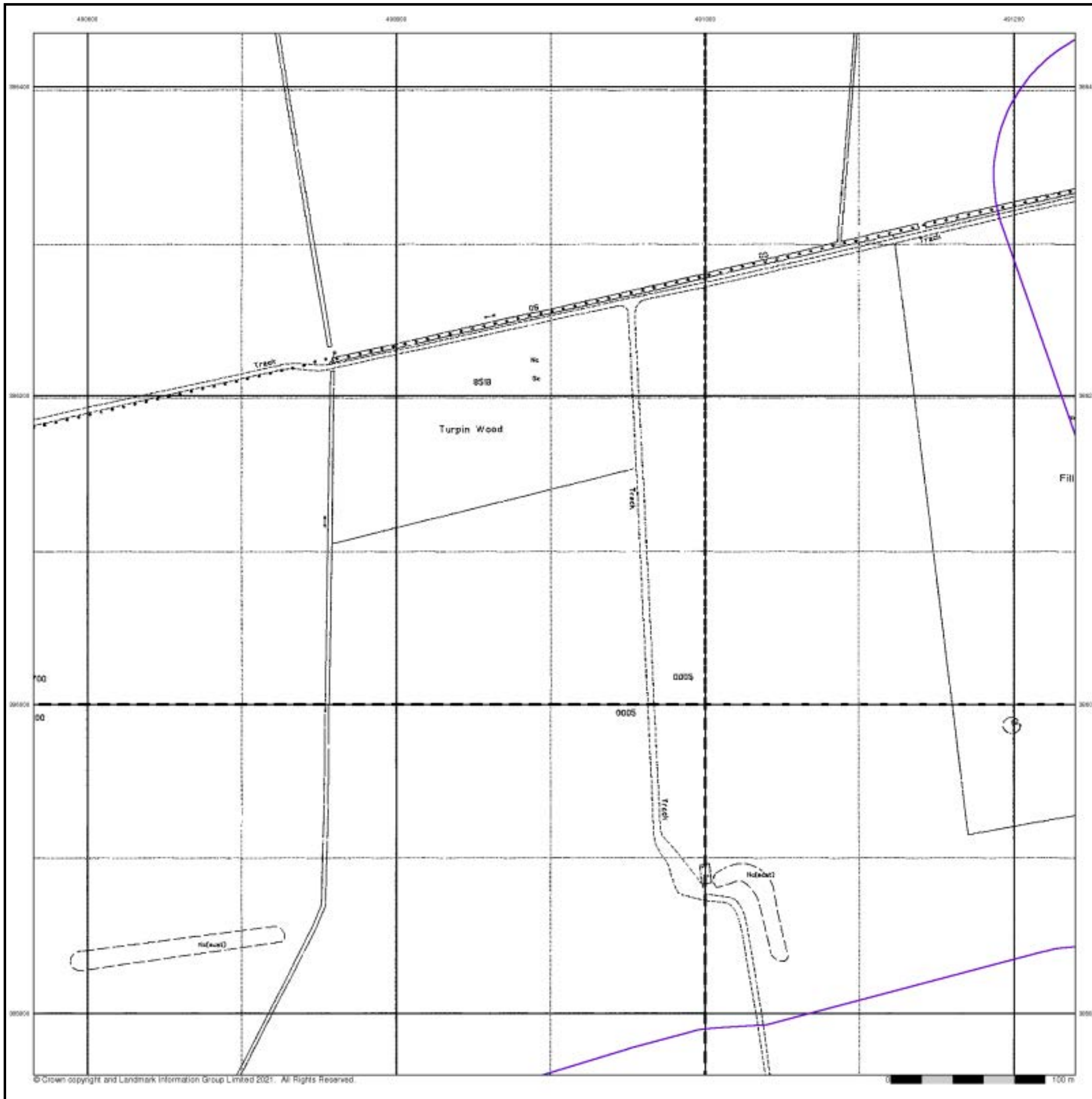


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### Site Details

Cottam 1

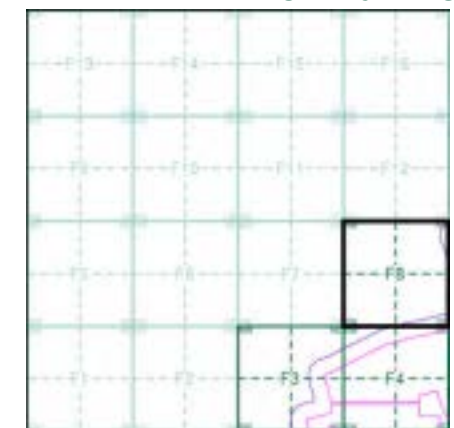


## Historical Aerial Photography

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 F8

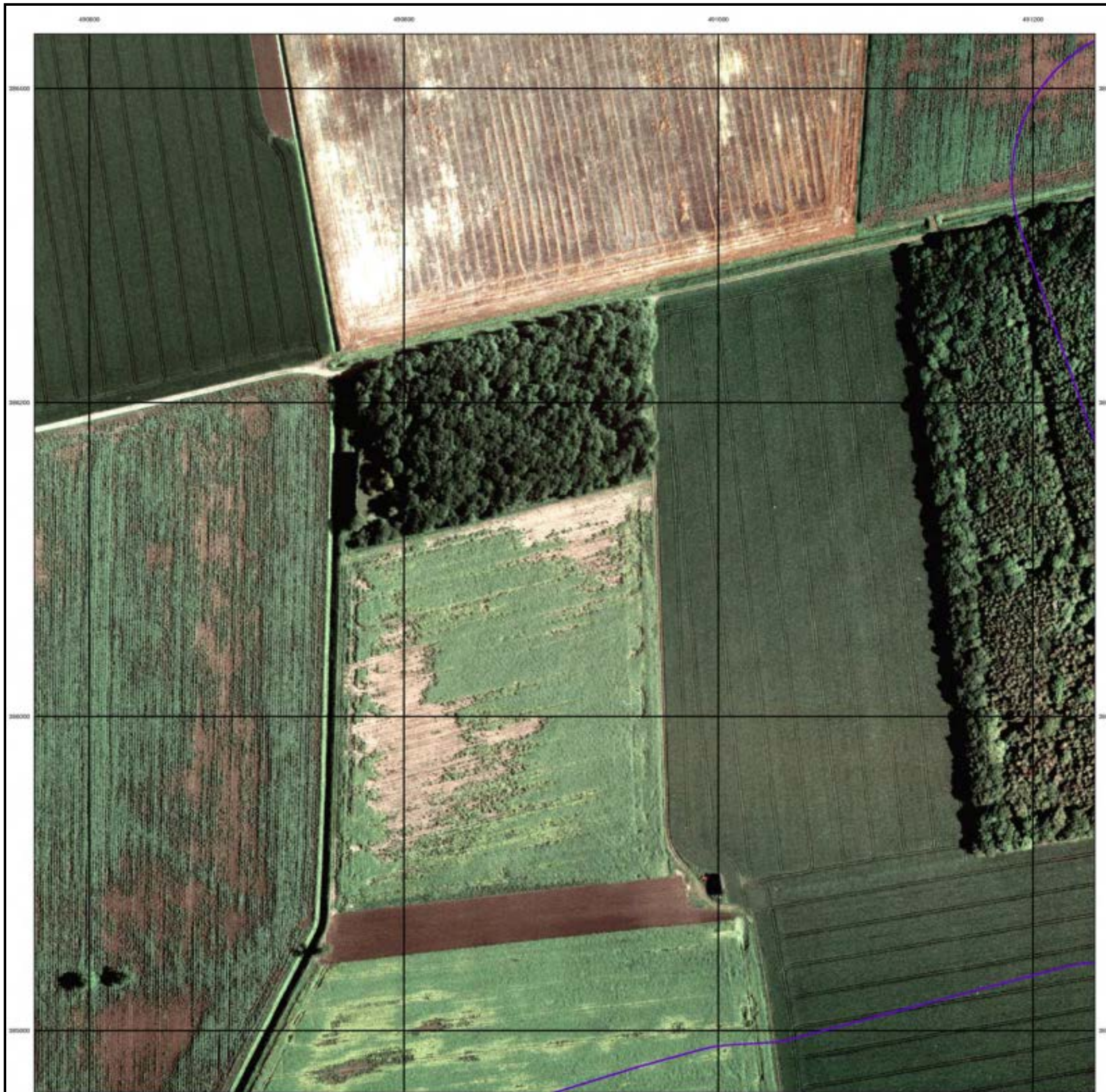


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

- Gravel Pit
- Sand Pit
- Other Pits
- Quarry
- Shingle
- Orchard
- Osiers
- Reeds
- Marsh
- Mixed Wood
- Deciduous
- Brushwood
- Fir
- Furze
- Rough Pasture
- Arrow denotes flow of water
- Trigonometrical Station
- Site of Antiquities
- Bench Mark
- Pump, Guide Post, Signal Post
- Well, Spring, Boundary Post
- 285** Surface Level
- Sketched Contour
- Instrumental Contour
- Main Roads

  - Fenced
  - Un-Fenced

- Minor Roads

  - Fenced
  - 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
- Ch
- CH
- F E Sta
- FB
- Fn
- GP
- MP
- MS
- Pol Sta
- PO
- PC
- PH
- SB
- Spr
- TCB
- TCP
- W

## 1:10,000 Raster Mapping

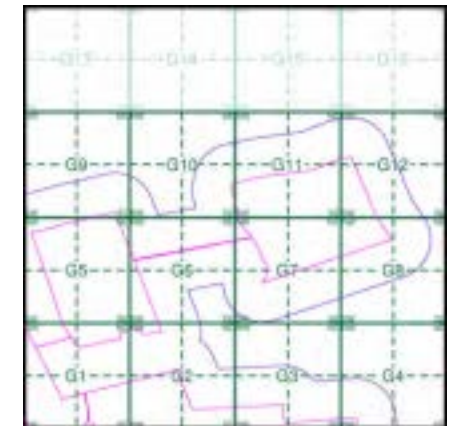
- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- General detail
- Overhead detail
- Multi-track railway
- County boundary (England only)
- District, Unitary, Metropolitan, London Borough boundary
- Area of wooded vegetation
- Non-coniferous trees
- Non-coniferous trees (scattered)
- Coniferous trees
- Coniferous trees (scattered)
- Orchard
- Rough Grassland
- Scrub
- Water feature
- Mean high water (springs)
- Telephone line (where shown)
- 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
- Mean low water (springs)
- Electricity transmission line (with poles)
- Triangulation station
- Pylon, flare stack or lighting tower
- Glasshouse
- Important Building



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1885 - 1886	2
Lincolnshire	1:10,560	1907	3
Lincolnshire	1:10,560	1907	4
Lincolnshire	1:10,560	1947	5
Ordnance Survey Plan	1:10,000	1956	6
Ordnance Survey Plan	1:10,000	1979	7
10K Raster Mapping	1:10,000	2000	8
10K Raster Mapping	1:10,000	2006	9
VectorMap Local	1:10,000	2021	10

## Historical Map - Slice G



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

## Site Details

Cottam 1



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

## Lincolnshire

Published 1885 - 1886

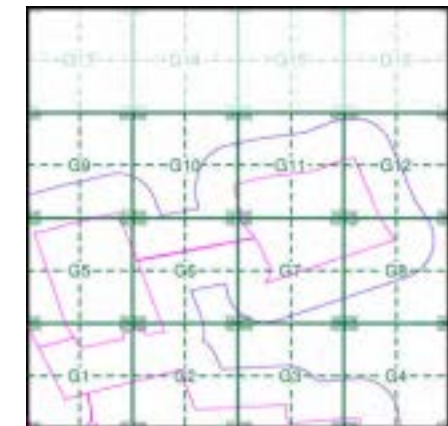
Source map scale - 1:10,560

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)

043SE 1885 1:10,560	044SW 1885 1:10,560
051NE 1885 1:10,560	052NW 1886 1:10,560

### Historical Map - Slice G

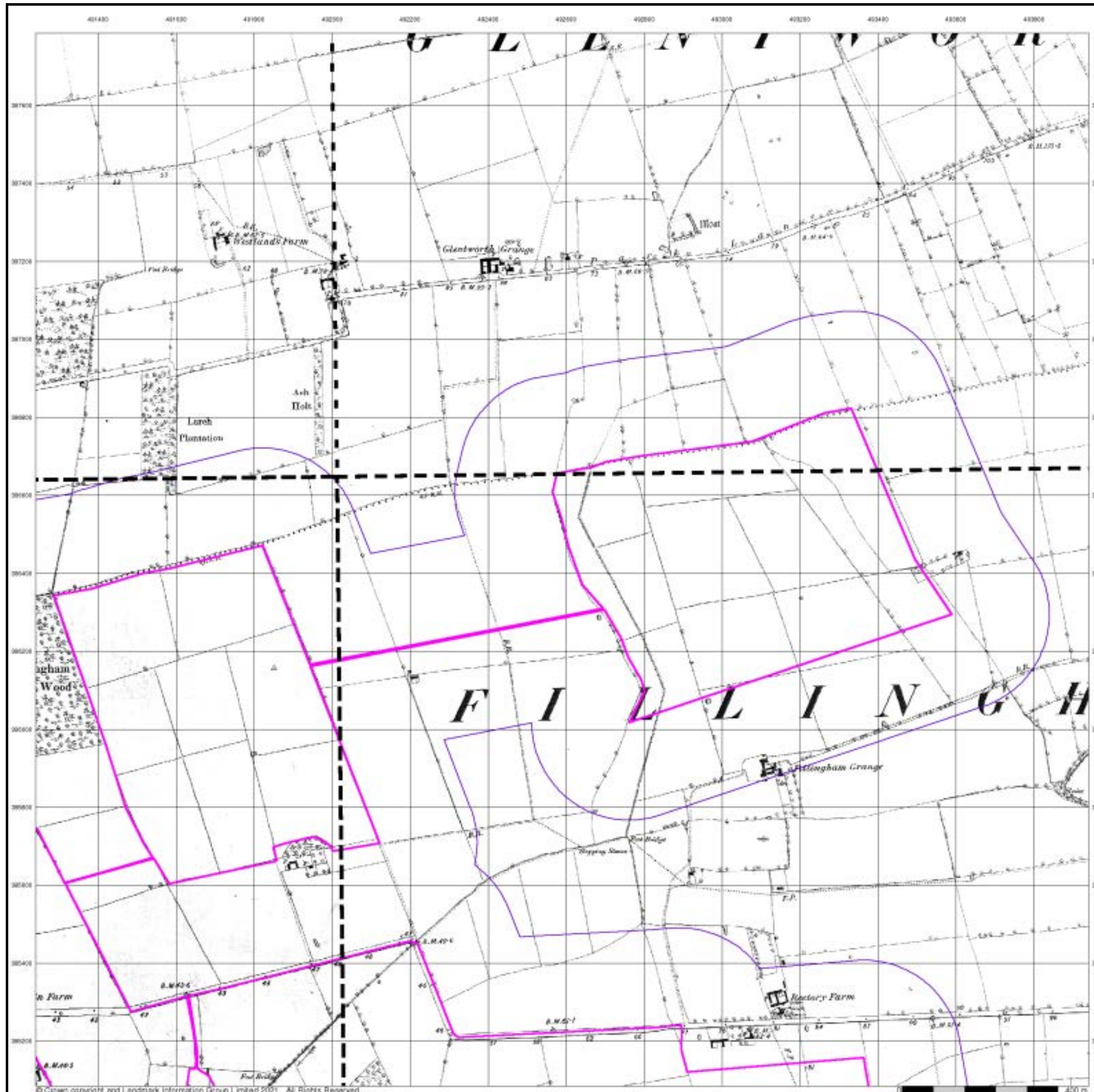


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1907

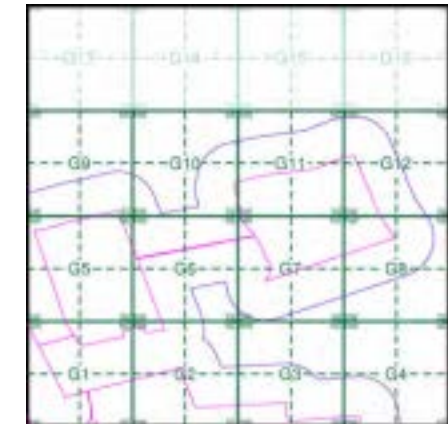
Source map scale - 1:10,560

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

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

043SE 1907 1:10,560	044SW 1907 1:10,560
051NE 1907 1:10,560	052NW 1907 1:10,560

### Historical Map - Slice G

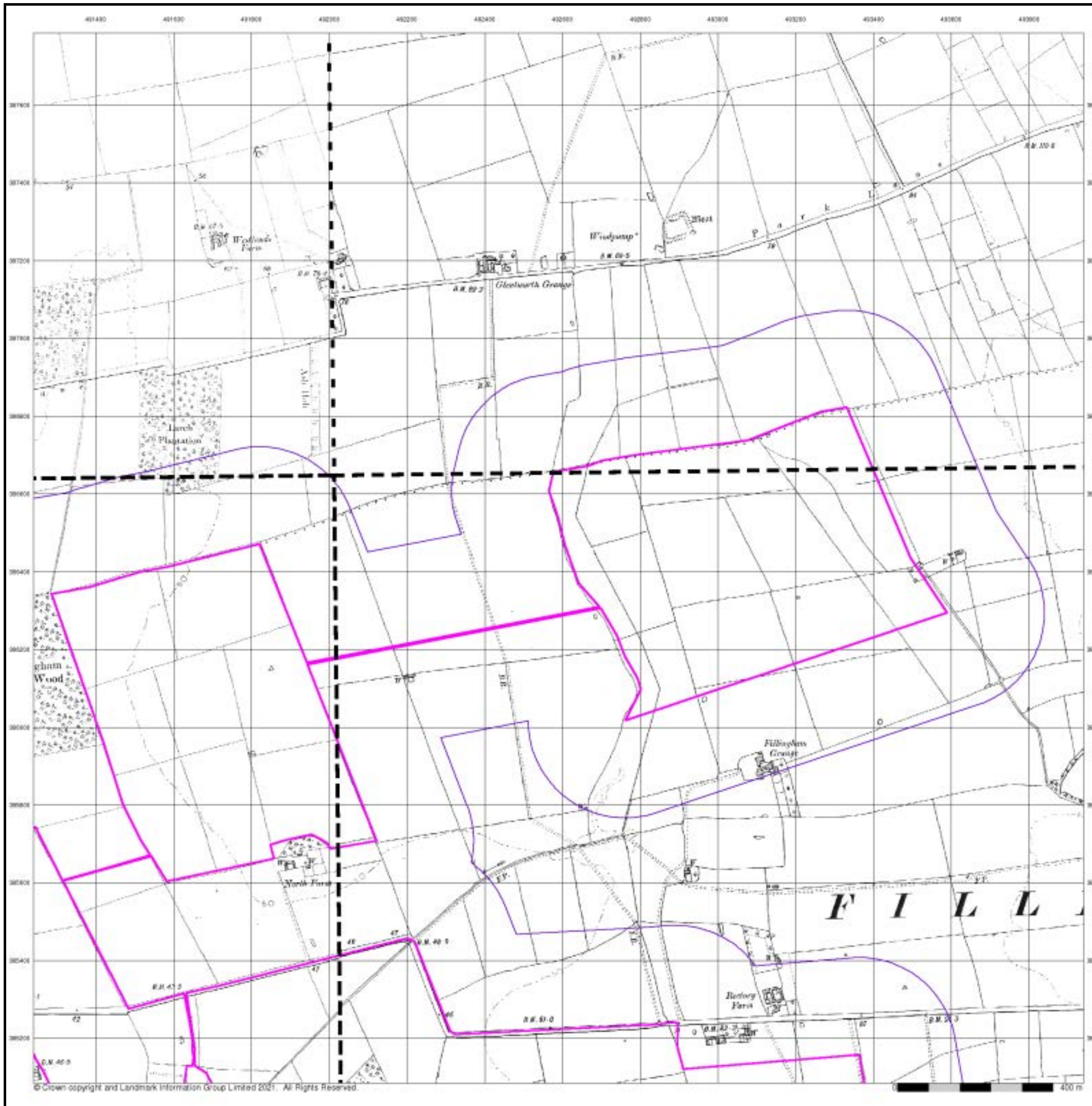


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1907

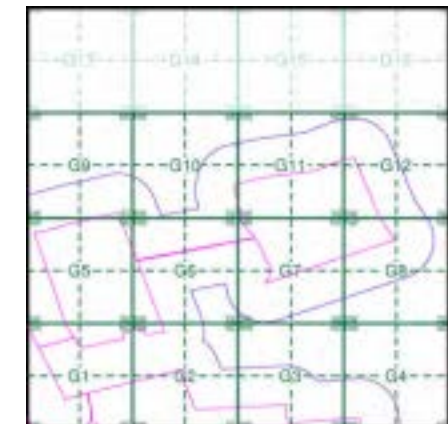
Source map scale - 1:10,560

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

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

043SE 1907 1:10,560	044SW 1907 1:10,560
	052NW 1907 1:10,560

### Historical Map - Slice G

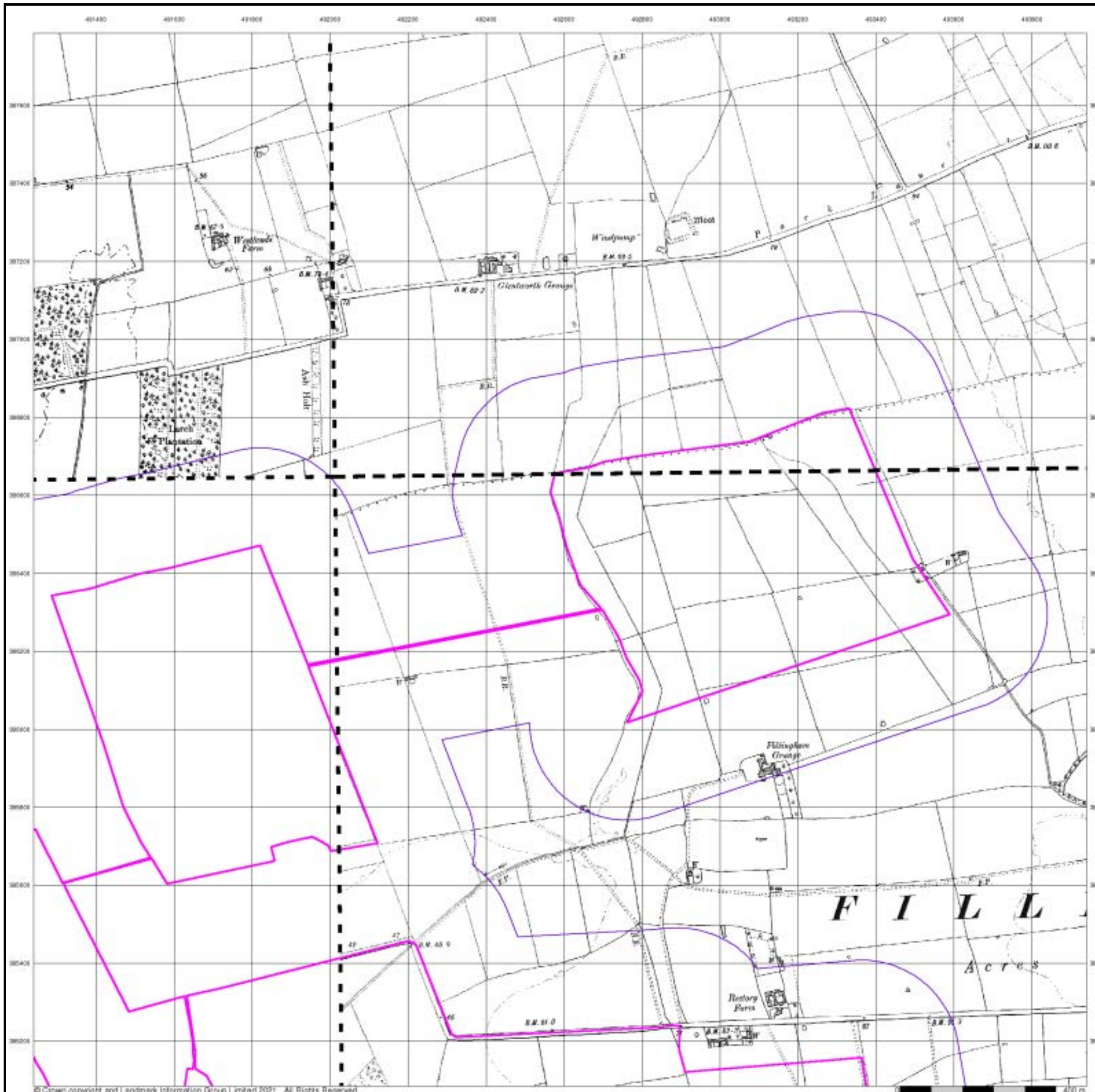


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



## Lincolnshire

Published 1947

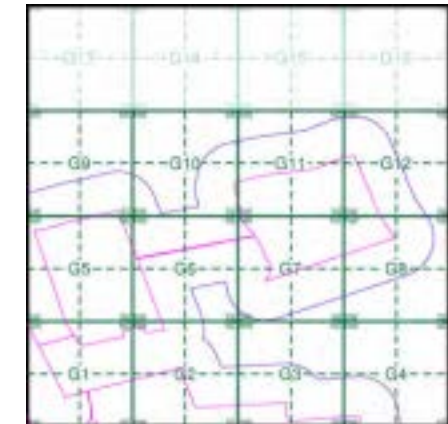
Source map scale - 1:10,560

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)

043SE 1947 1:10,560	044SW 1947 1:10,560
051NE 1947 1:10,560	052NW 1947 1:10,560

### Historical Map - Slice G

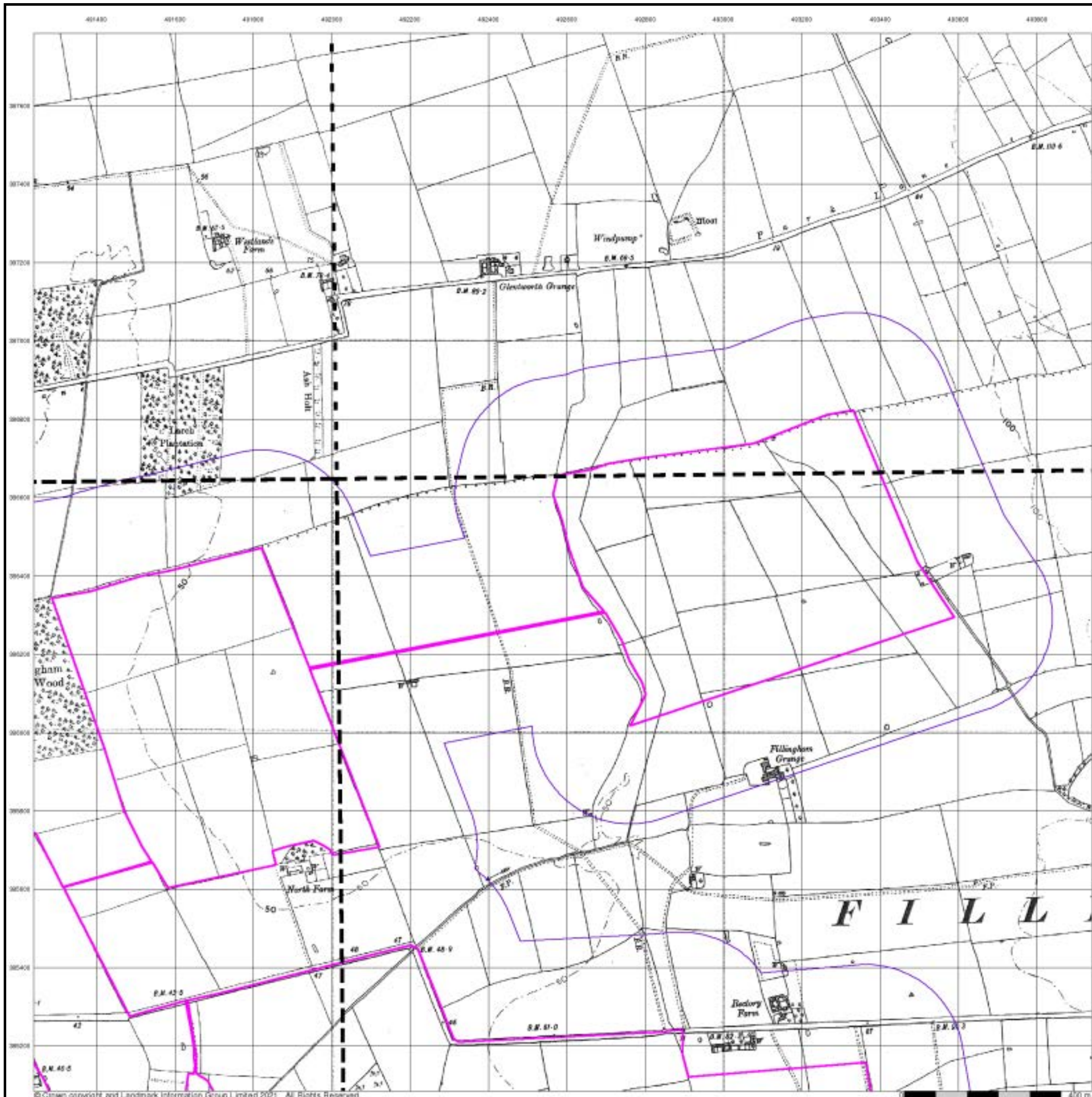


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



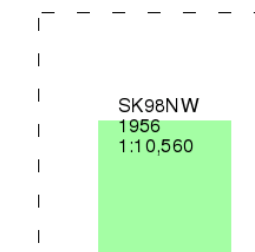
## Ordnance Survey Plan

Published 1956

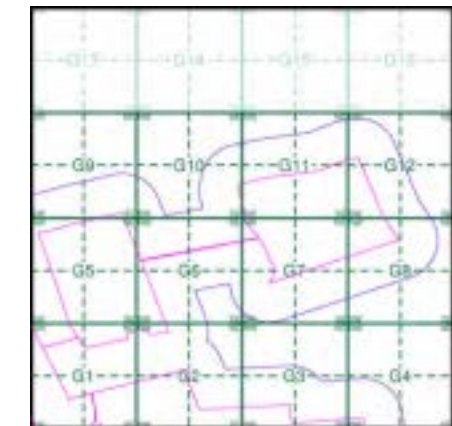
Source map scale - 1:10,000

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

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



### Historical Map - Slice G

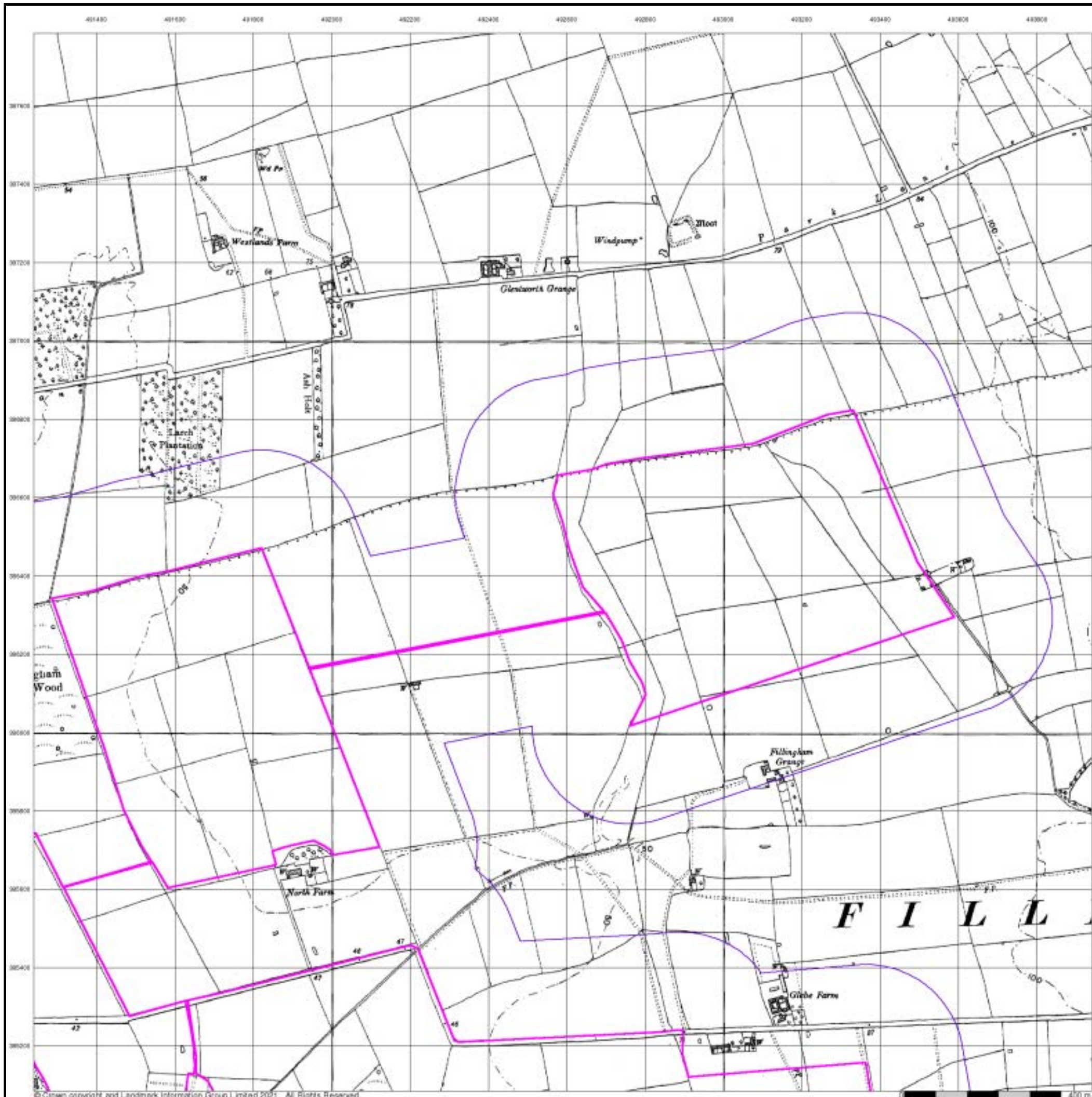


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



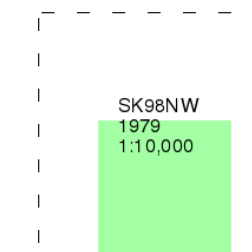
## Ordnance Survey Plan

Published 1979

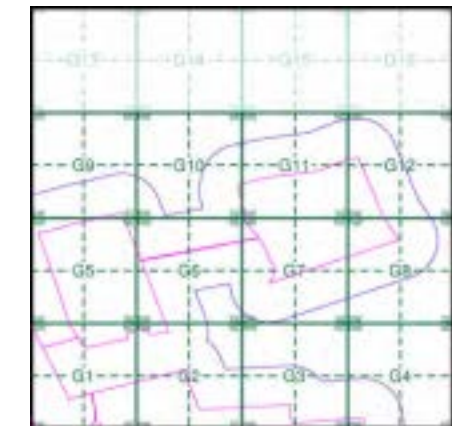
Source map scale - 1:10,000

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 G

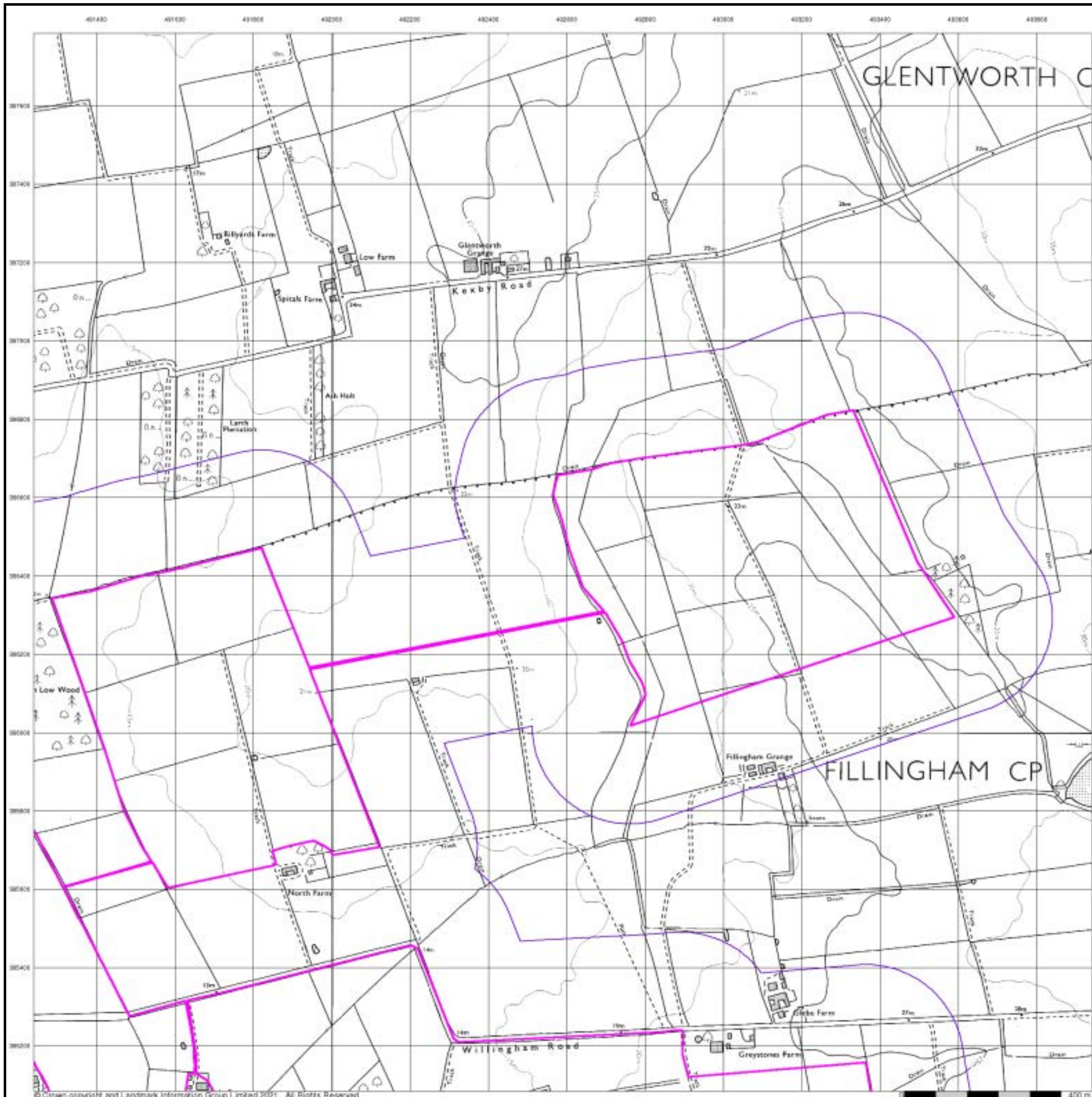


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



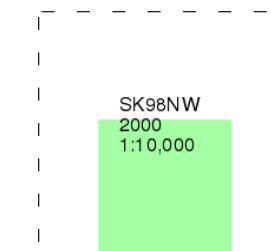
### 10k Raster Mapping

Published 2000

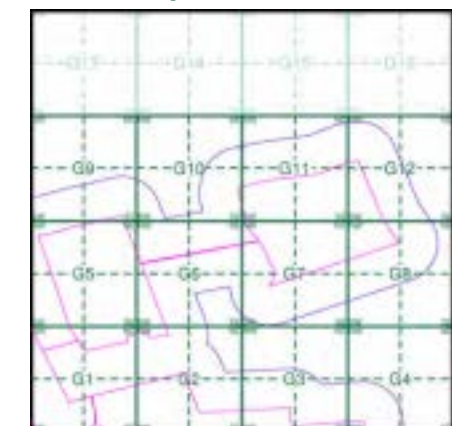
Source map scale - 1:10,000

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

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



### Historical Map - Slice G



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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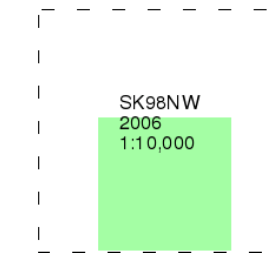
### 10k Raster Mapping

Published 2006

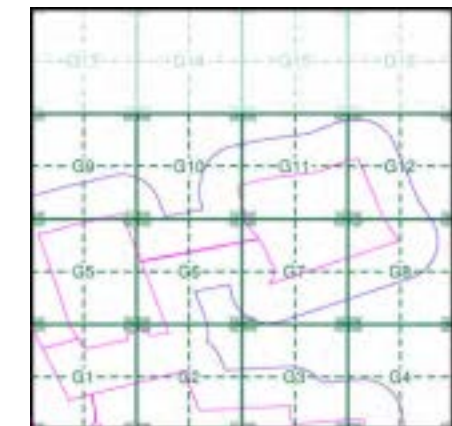
Source map scale - 1:10,000

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 G

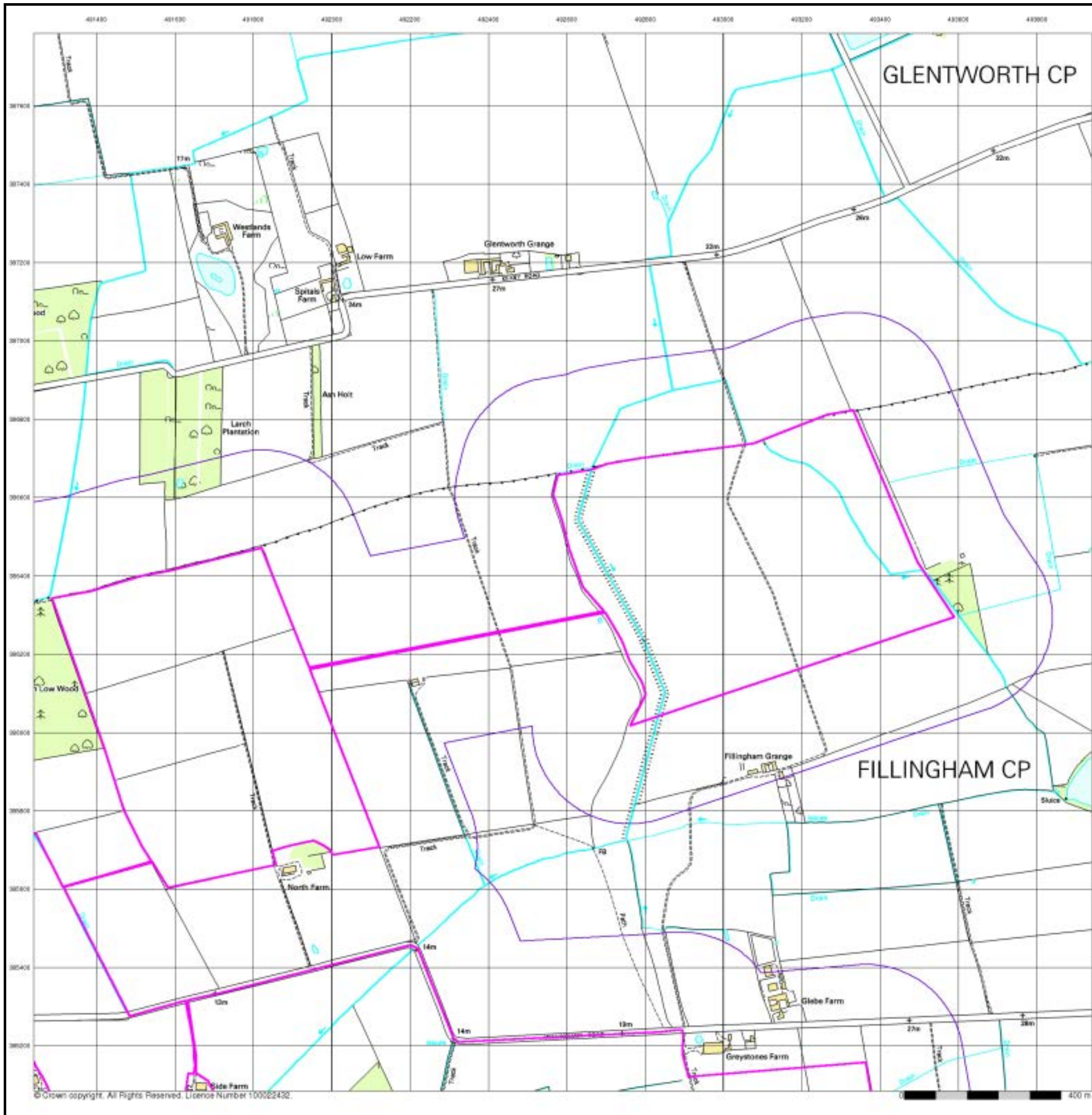


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



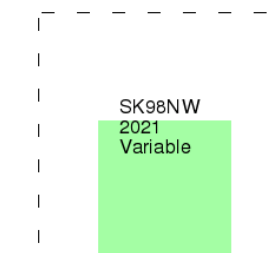
### VectorMap Local

Published 2021

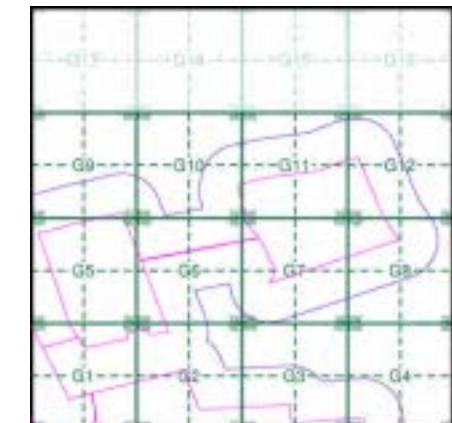
Source map scale - 1:10,000

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 G

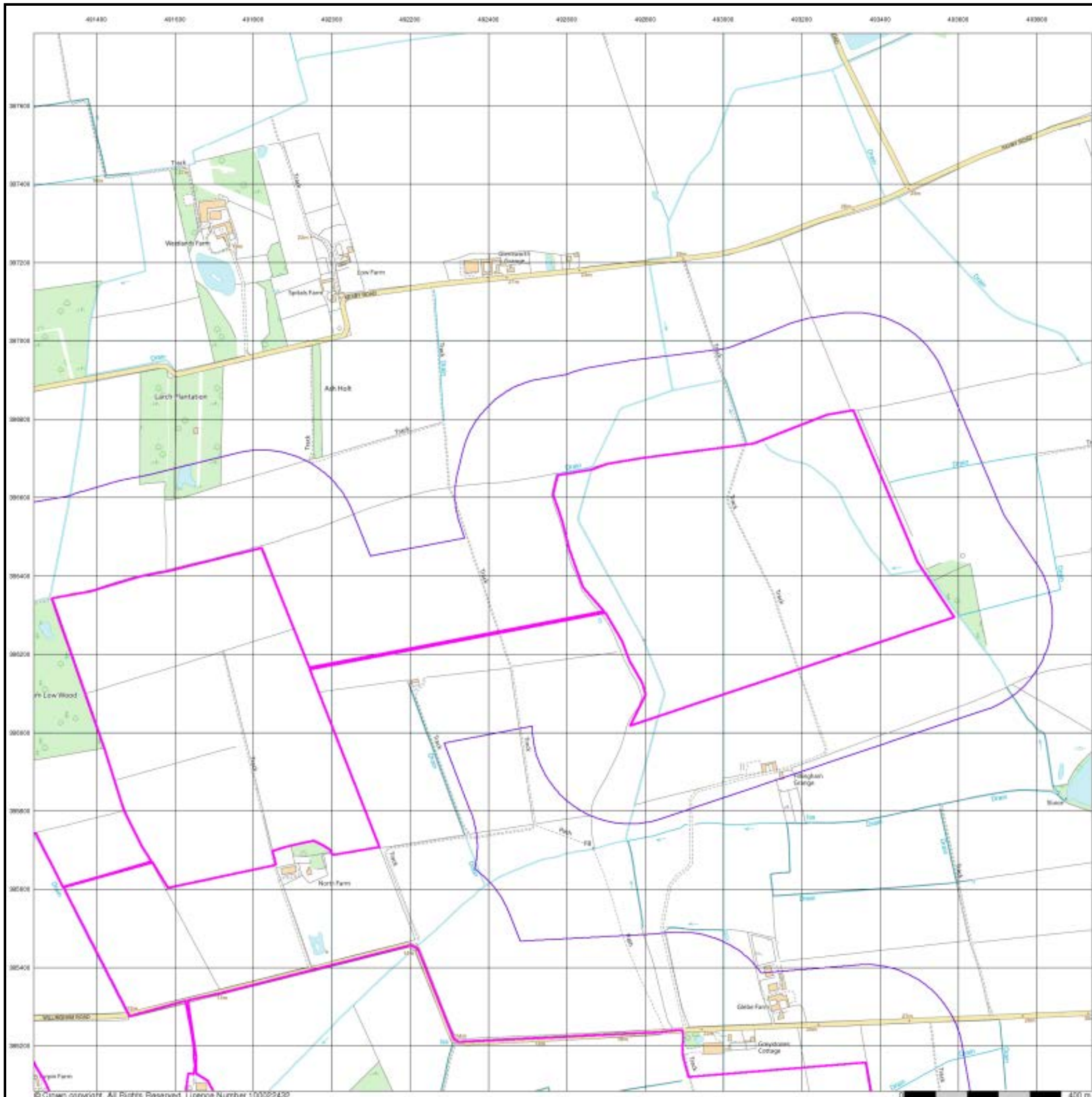


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

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

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

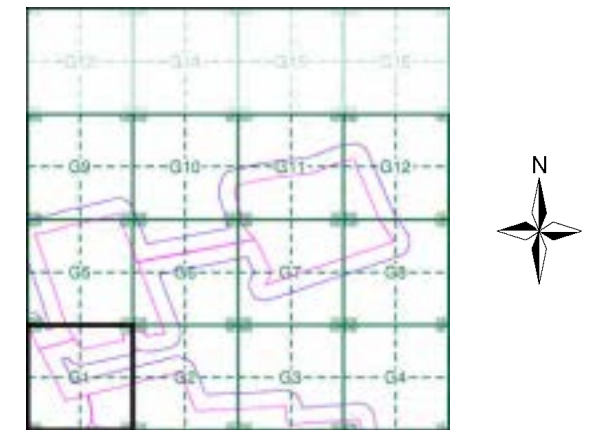
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **Bracken**  
**Coppice, Osier**   **Reeds**   **Marsh, Saltings**  
**Rough Grassland**   **Heath**   **Culvert**  
**Direction of water flow**   **Triangulation Station**   **Antiquity (site of)**  
**Electricity Transmission Line**   **Electricity Pylon**  
**BM 231.60m** Bench Mark   **Buildings with Building Seed**  
**Roofed Building**   **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks** Barracks   **P** Pillar, Pole or Post  
**Bty** Battery   **PO** Post Office  
**Cemy** Cemetery   **PC** Public Convenience  
**Chy** Chimney   **Pp** Pump  
**Cis** Cistern   **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway   **PW** Place of Worship  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment G1



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

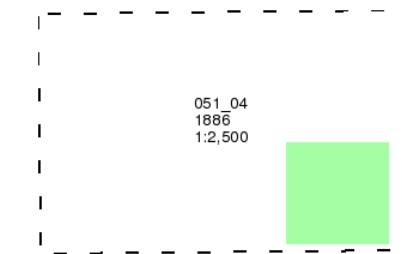
Lincolnshire

Published 1886

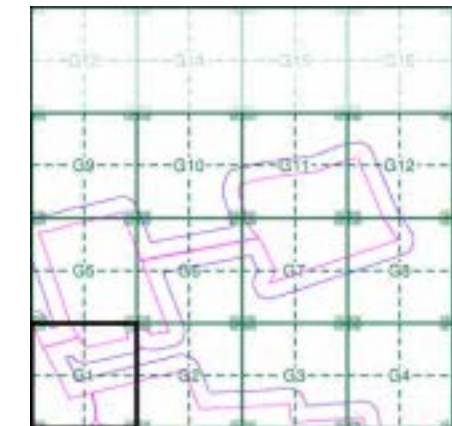
Source map scale - 1:2,500

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 G1

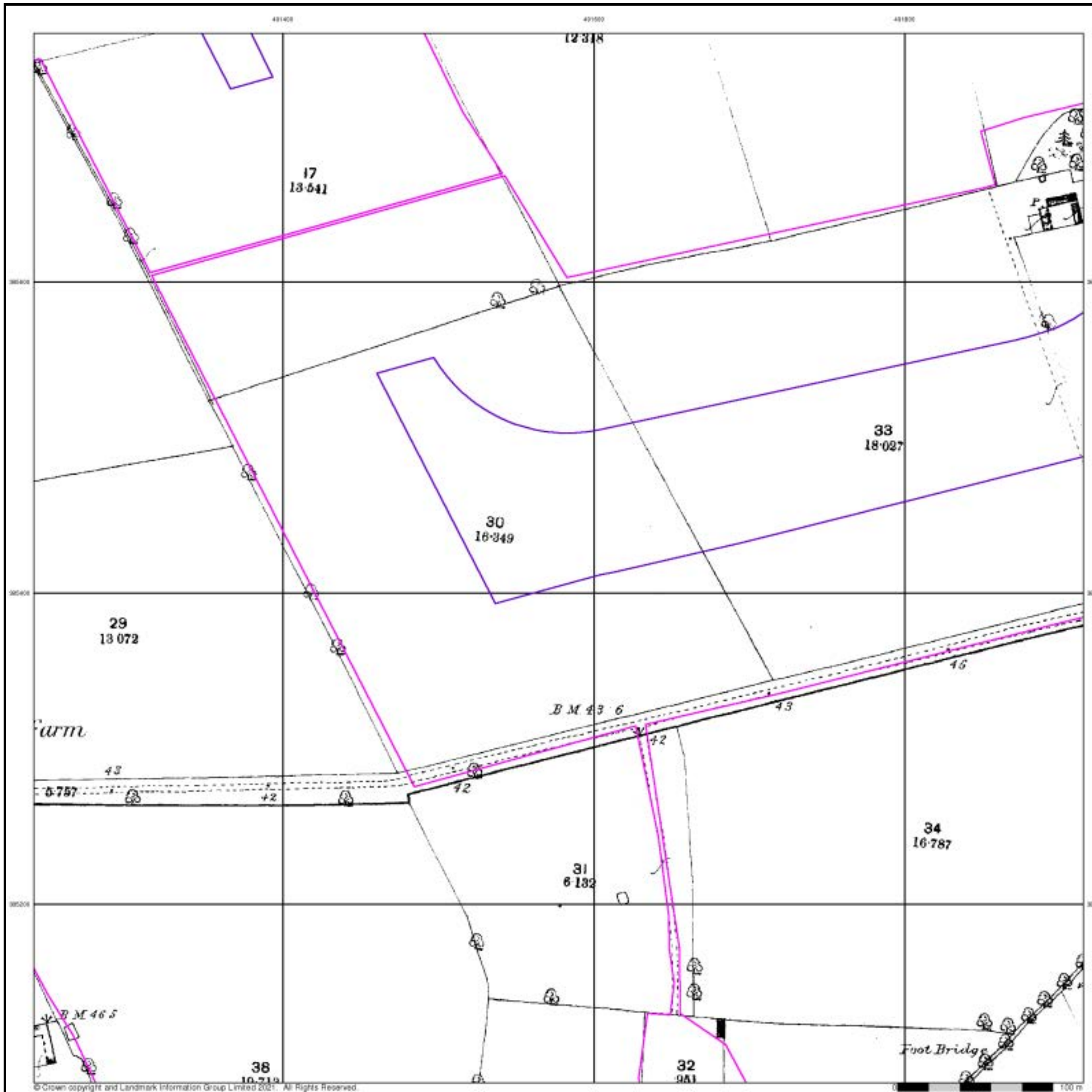


Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

Site Details

Cottam 1



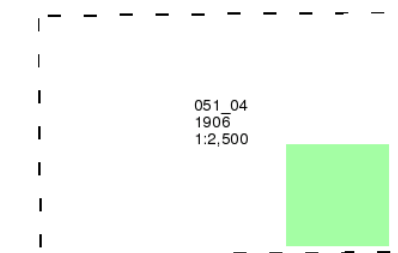
## Lincolnshire

Published 1906

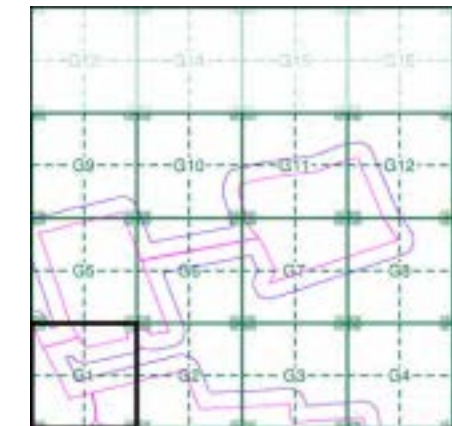
Source map scale - 1:2,500

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

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



### Historical Map - Segment G1

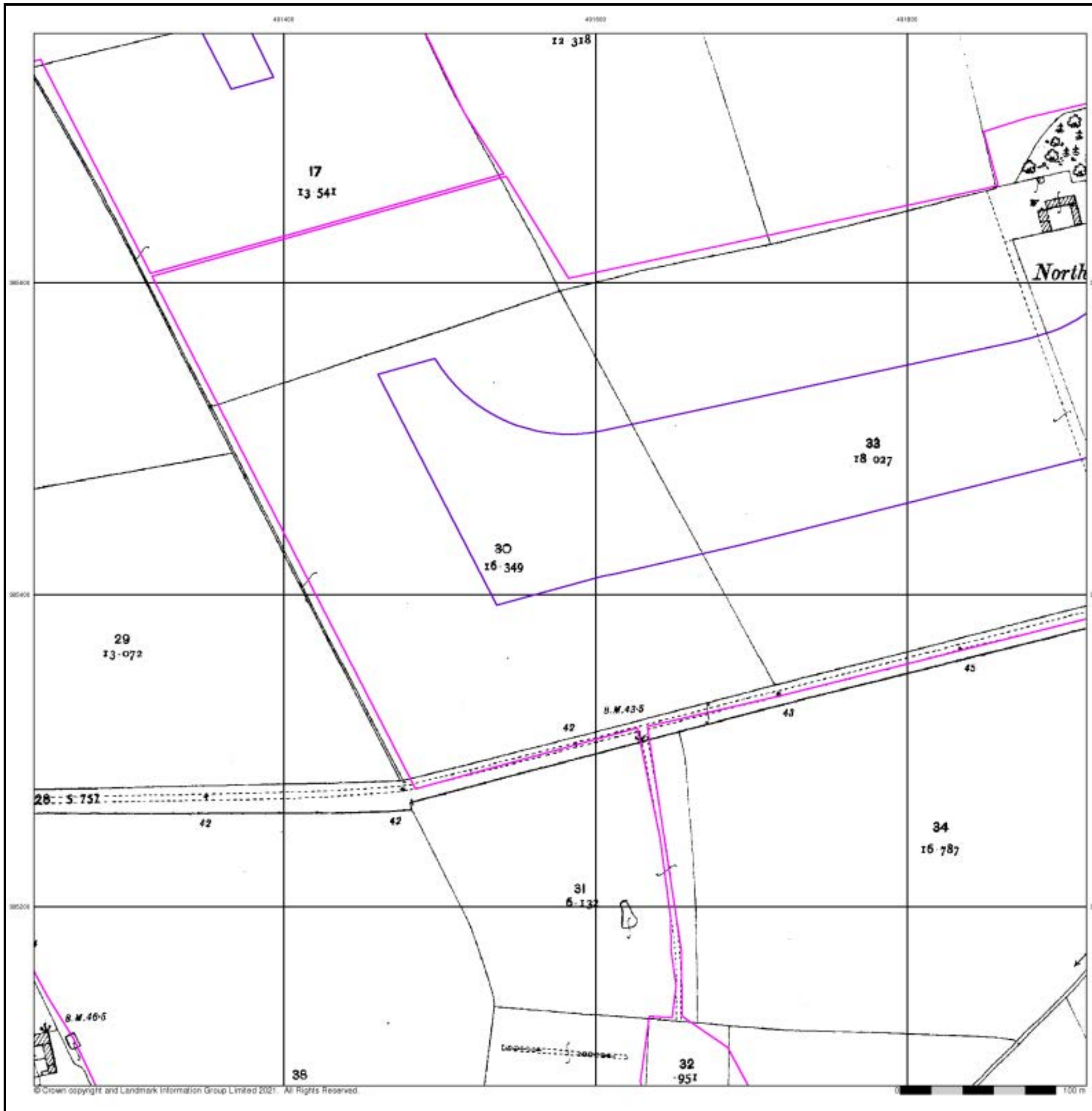


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



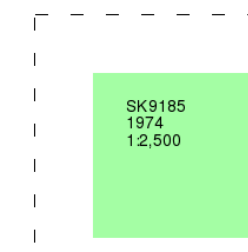
## Ordnance Survey Plan

Published 1974

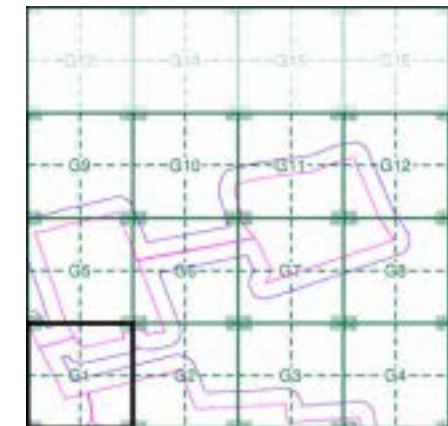
Source map scale - 1:2,500

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 G1

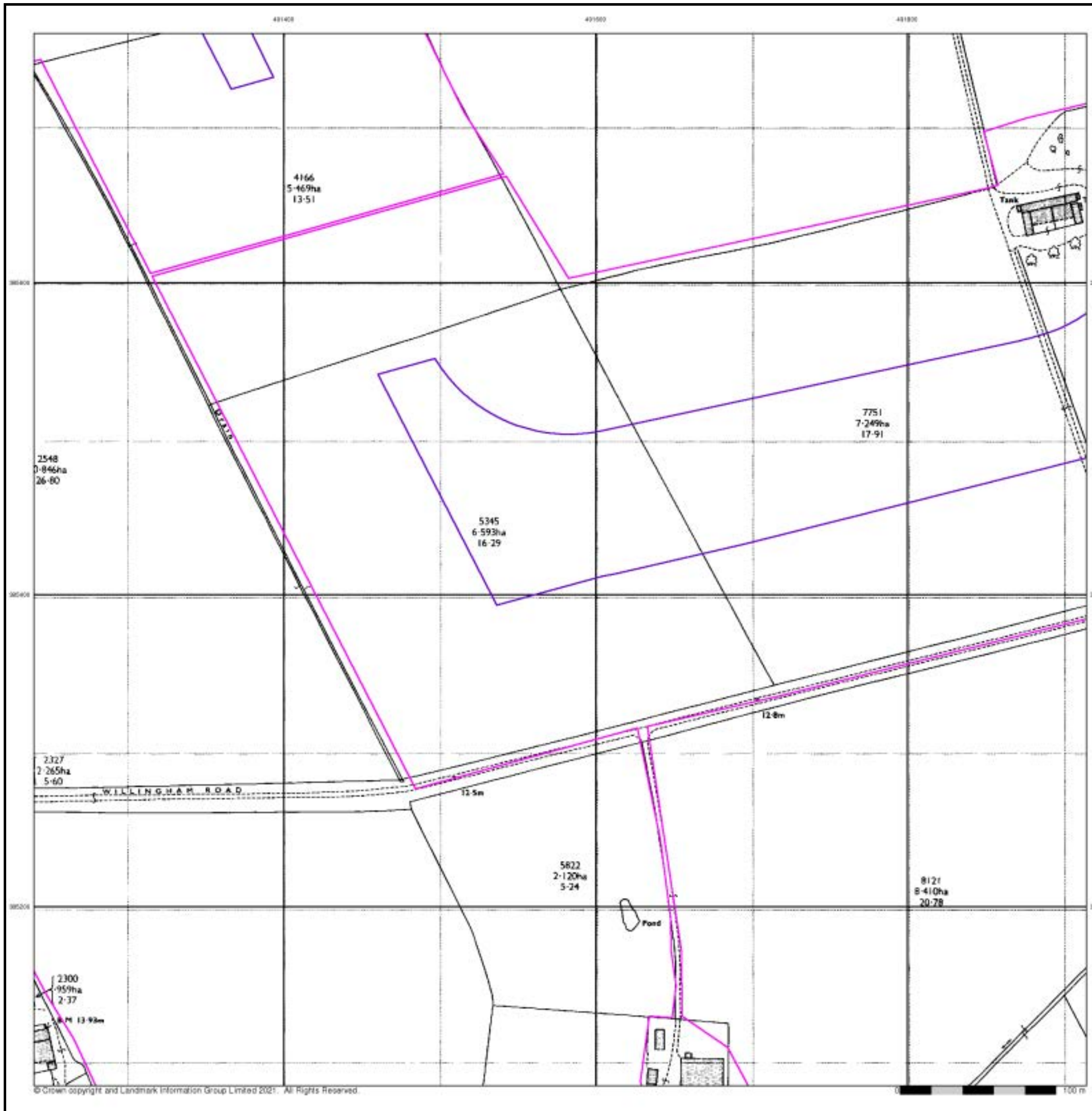


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



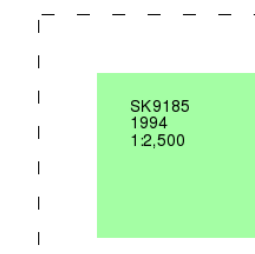
## Large-Scale National Grid Data

Published 1994

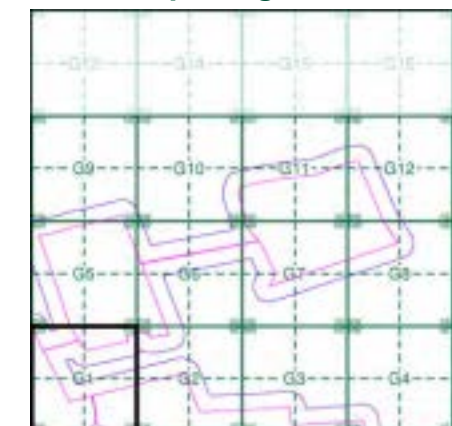
Source map scale - 1:2,500

'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 G1



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

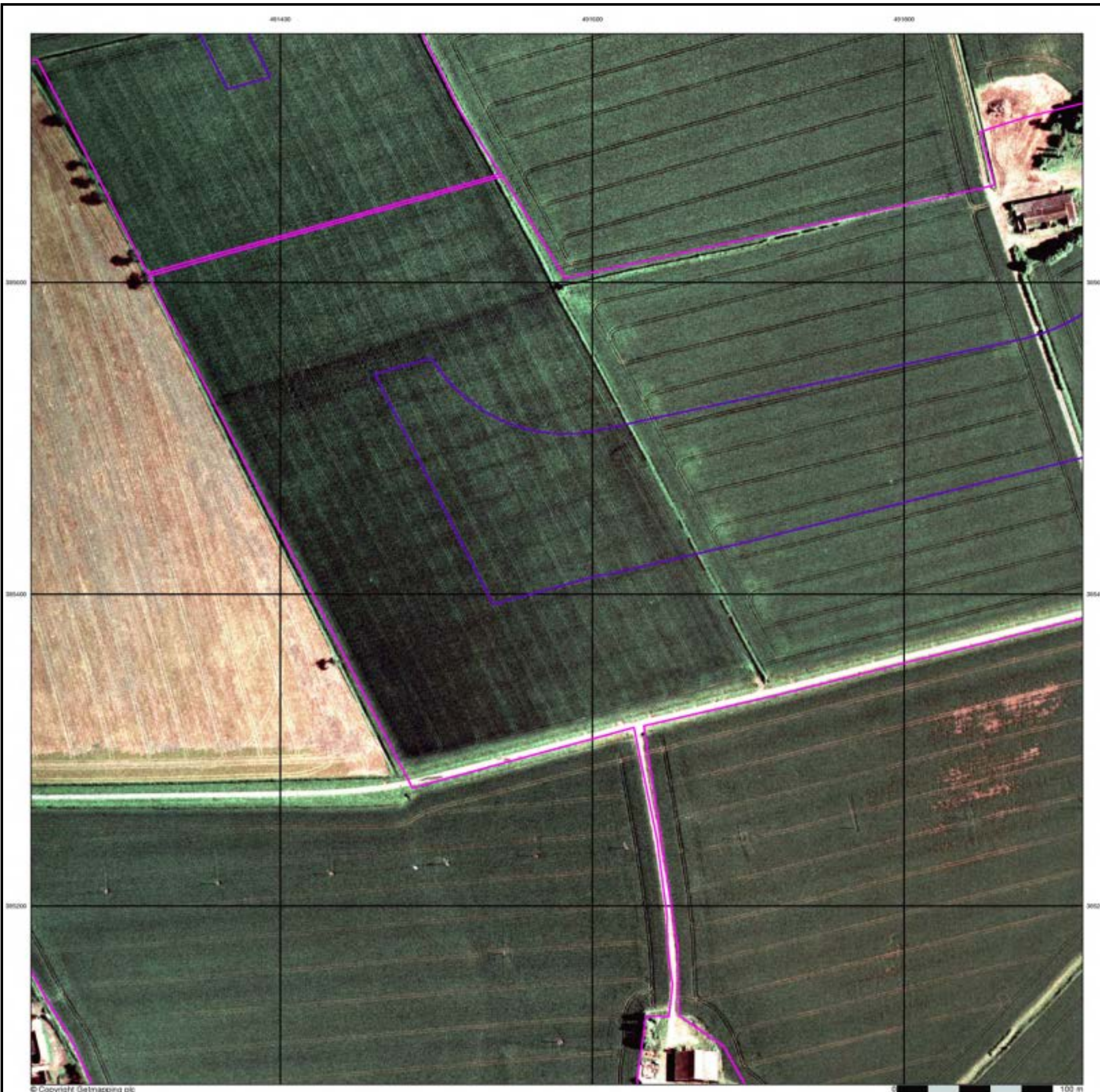
### Site Details

Cottam 1

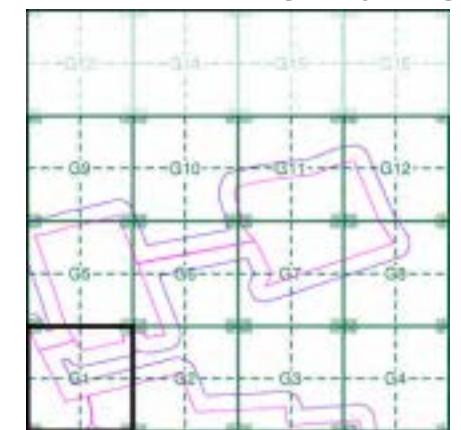


## Historical Aerial Photography Published 1999

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 G1



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

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

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

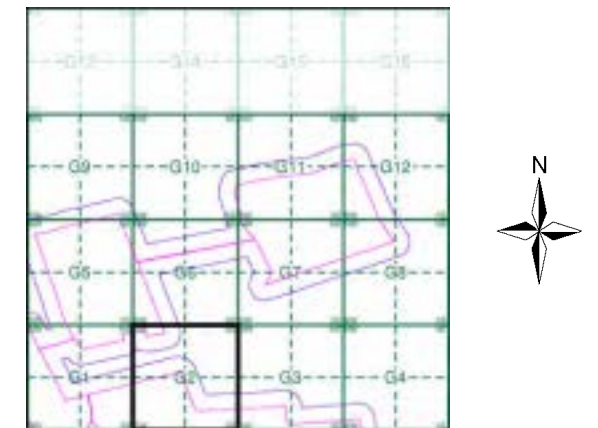
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **Bracken**  
**Coppice, Osier**   **Reeds**   **Marsh, Saltings**  
**Rough Grassland**   **Heath**   **Culvert**  
**Direction of water flow**   **Triangulation Station**   **Antiquity (site of)**  
**Electricity Transmission Line**   **Electricity Pylon**  
**BM 231.60m** Bench Mark   **Buildings with Building Seed**  
**Roofed Building**   **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks** Barracks   **P** Pillar, Pole or Post  
**Bty** Battery   **PO** Post Office  
**Cemy** Cemetery   **PC** Public Convenience  
**Chy** Chimney   **Pp** Pump  
**Cis** Cistern   **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway   **PW** Place of Worship  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment G2



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



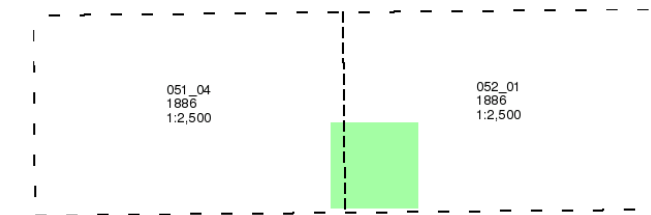
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

**Lincolnshire**  
**Published 1886**

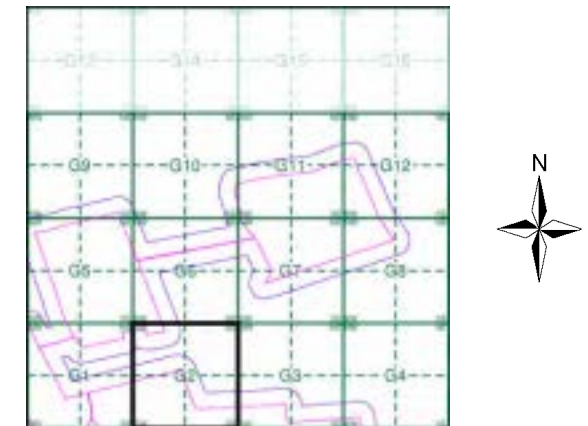
**Source map scale - 1:2,500**

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 G2**

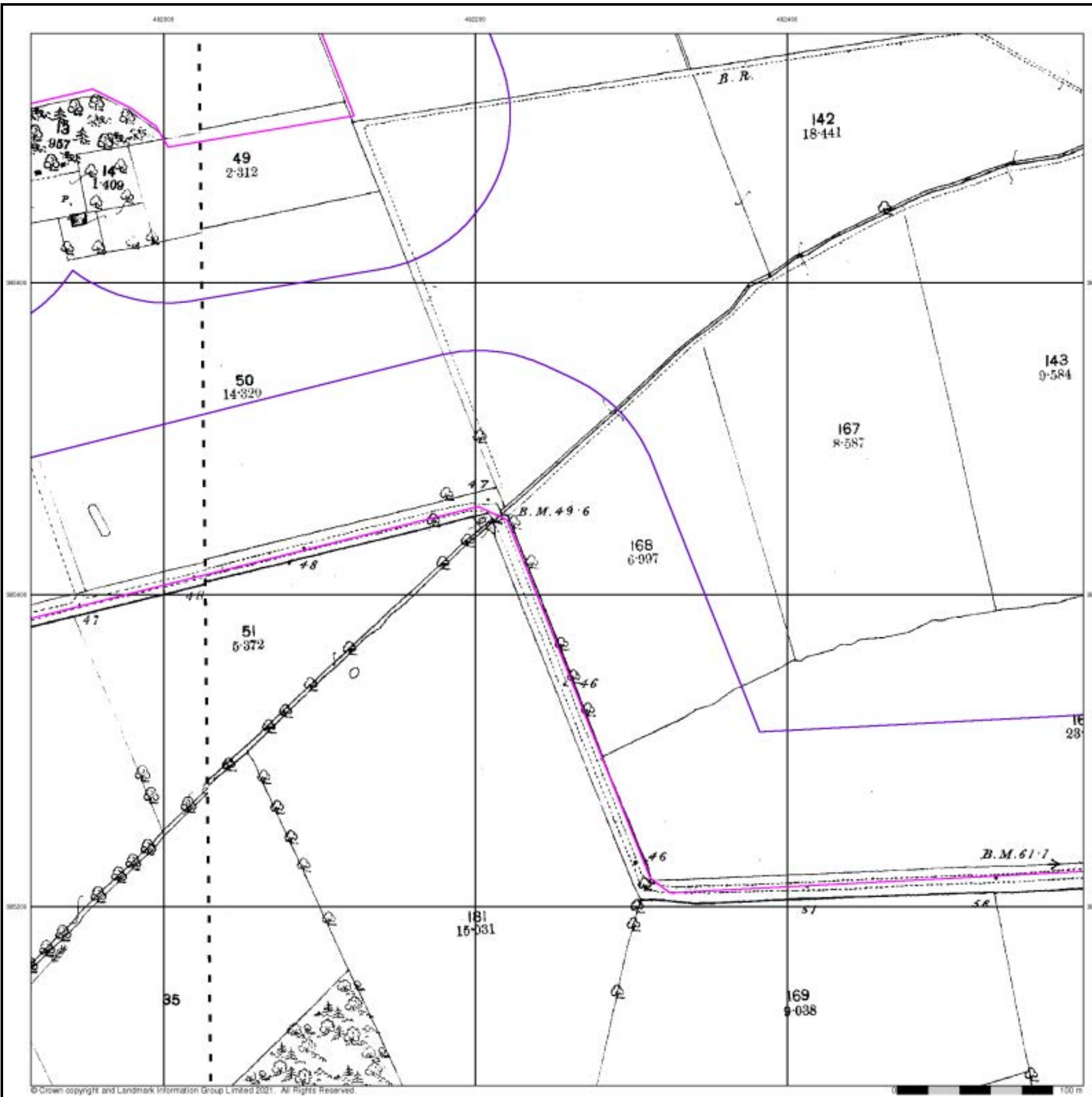


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



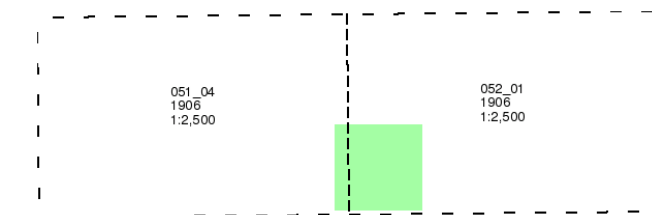
## Lincolnshire

Published 1906

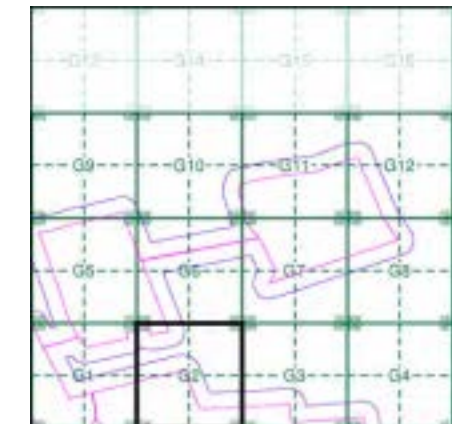
Source map scale - 1:2,500

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

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



### Historical Map - Segment G2

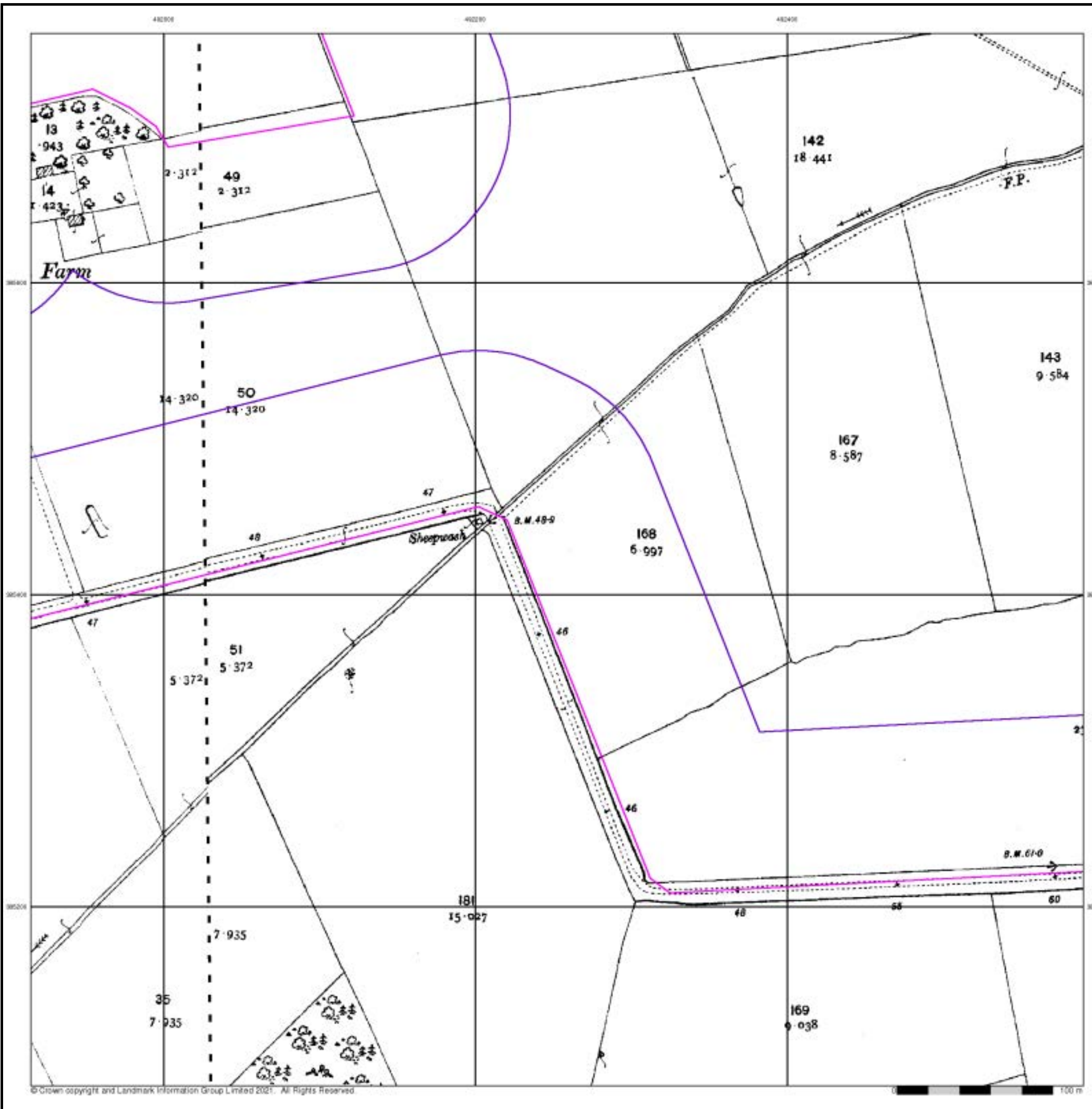


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



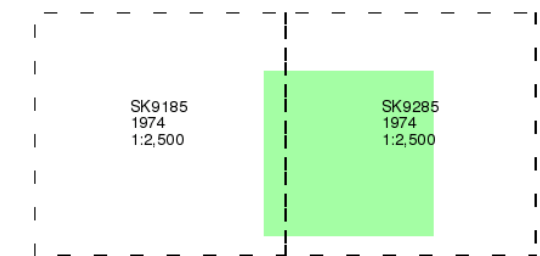
### Ordnance Survey Plan

Published 1974

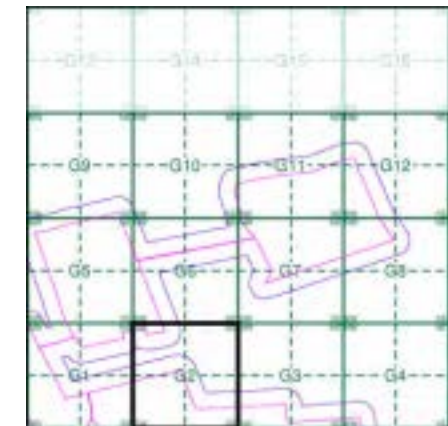
Source map scale - 1:2,500

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 G2



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



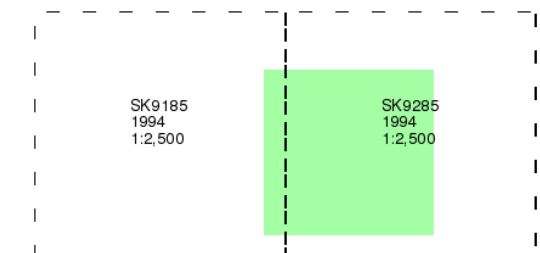
## Large-Scale National Grid Data

Published 1994

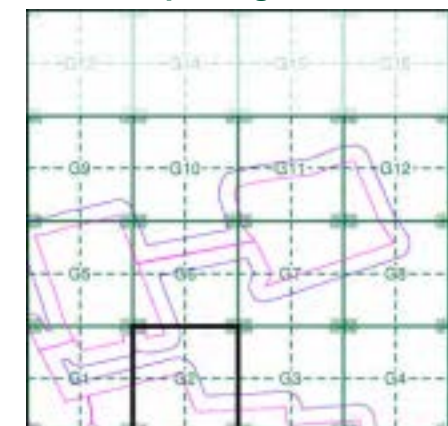
Source map scale - 1:2,500

'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 G2



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

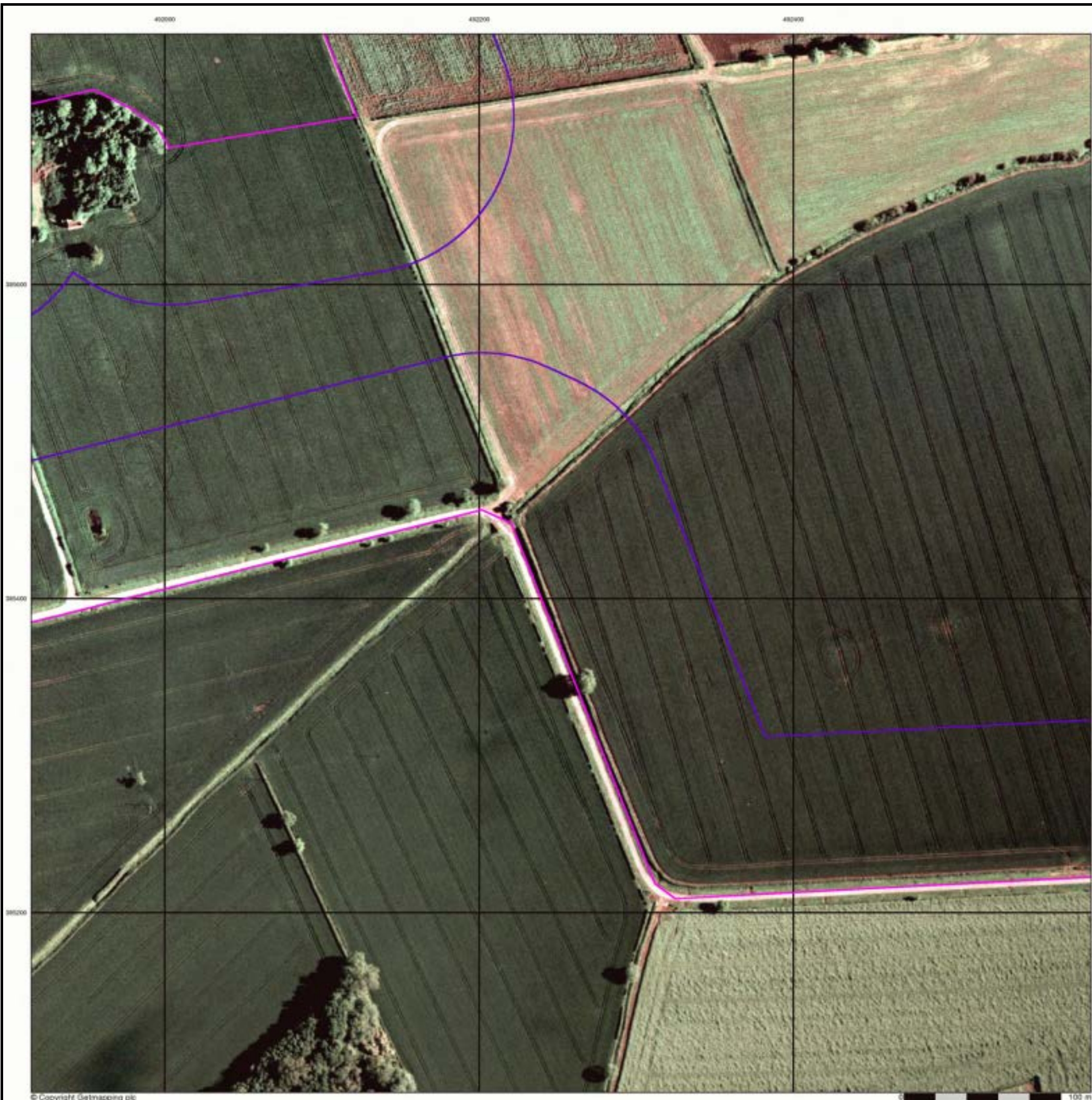
### Site Details

Cottam 1

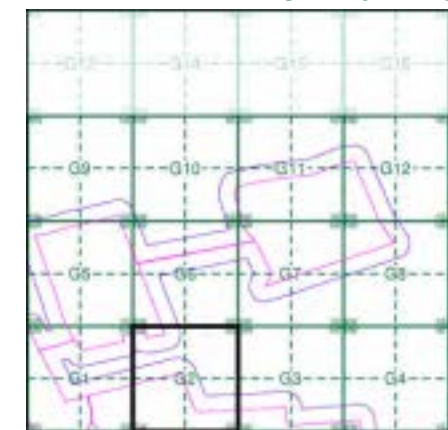


## Historical Aerial Photography Published 1999

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 G2



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

# Historical Mapping Legends

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

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

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

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

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

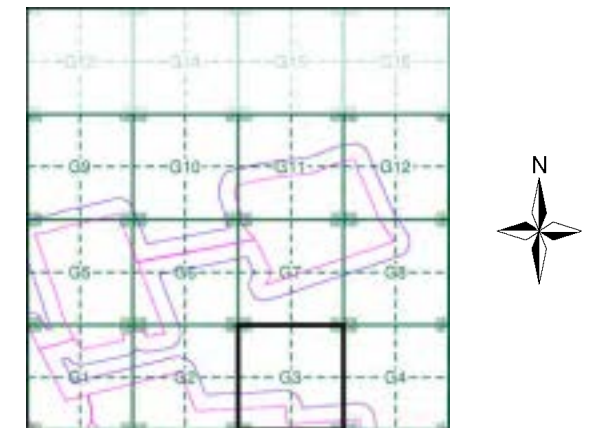
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment G3



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



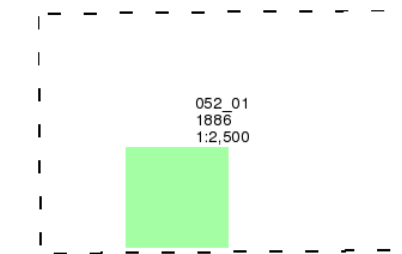
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

**Lincolnshire**  
**Published 1886**

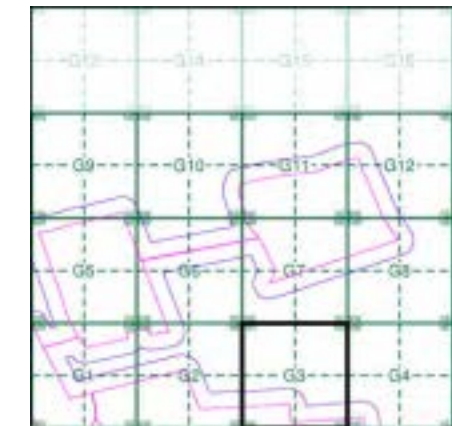
**Source map scale - 1:2,500**

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 G3**

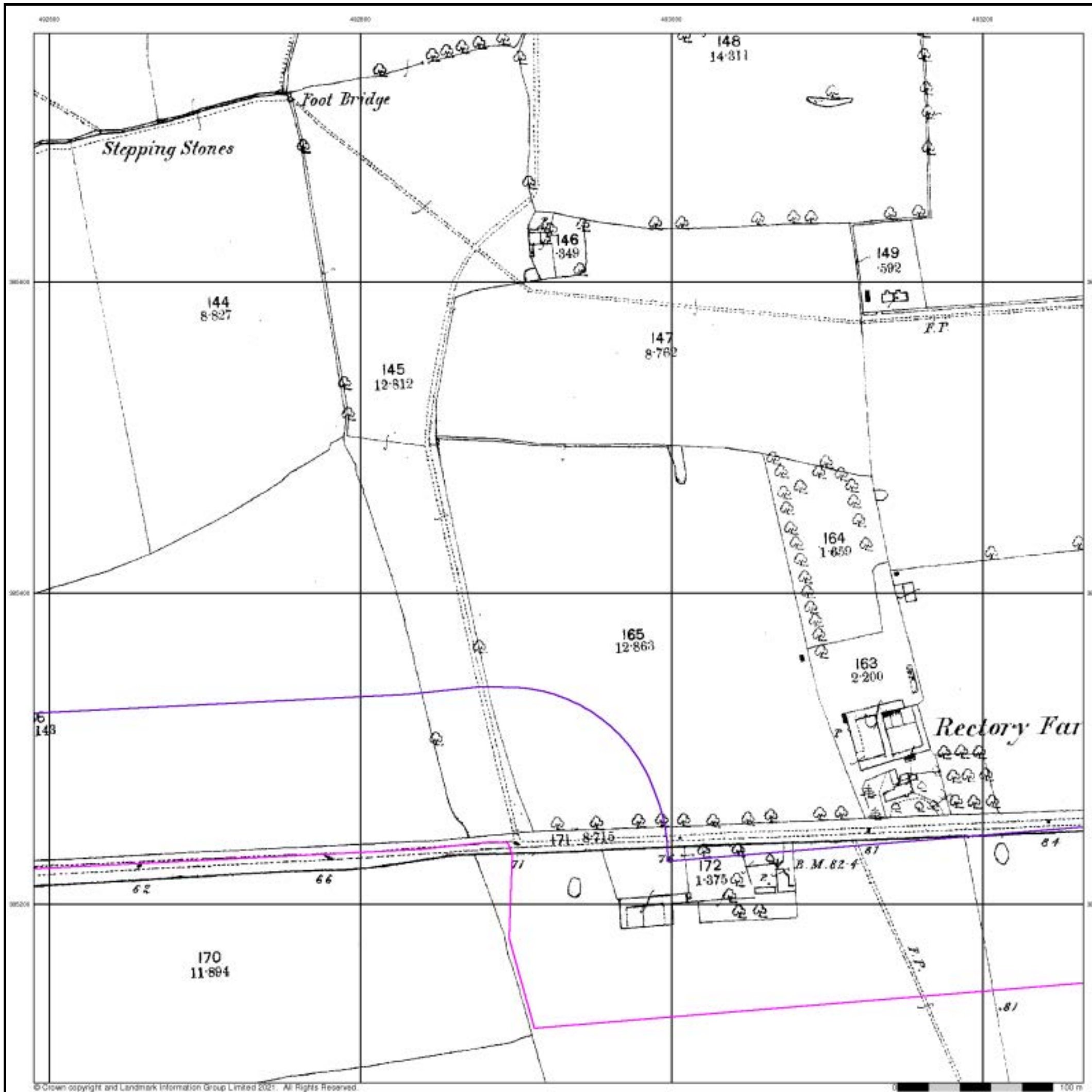


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1





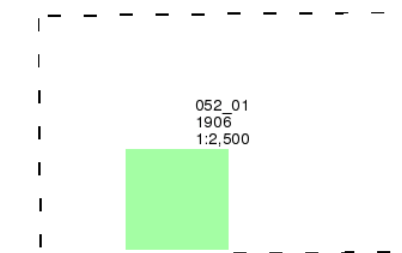
## Lincolnshire

Published 1906

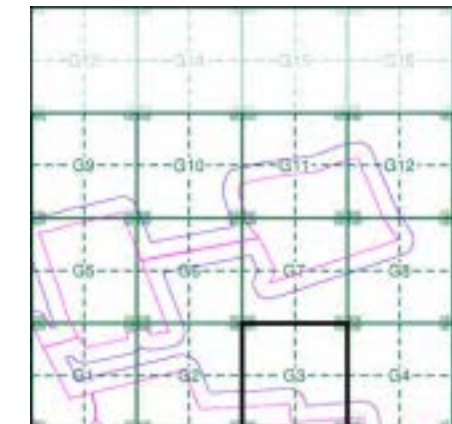
Source map scale - 1:2,500

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

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



### Historical Map - Segment G3

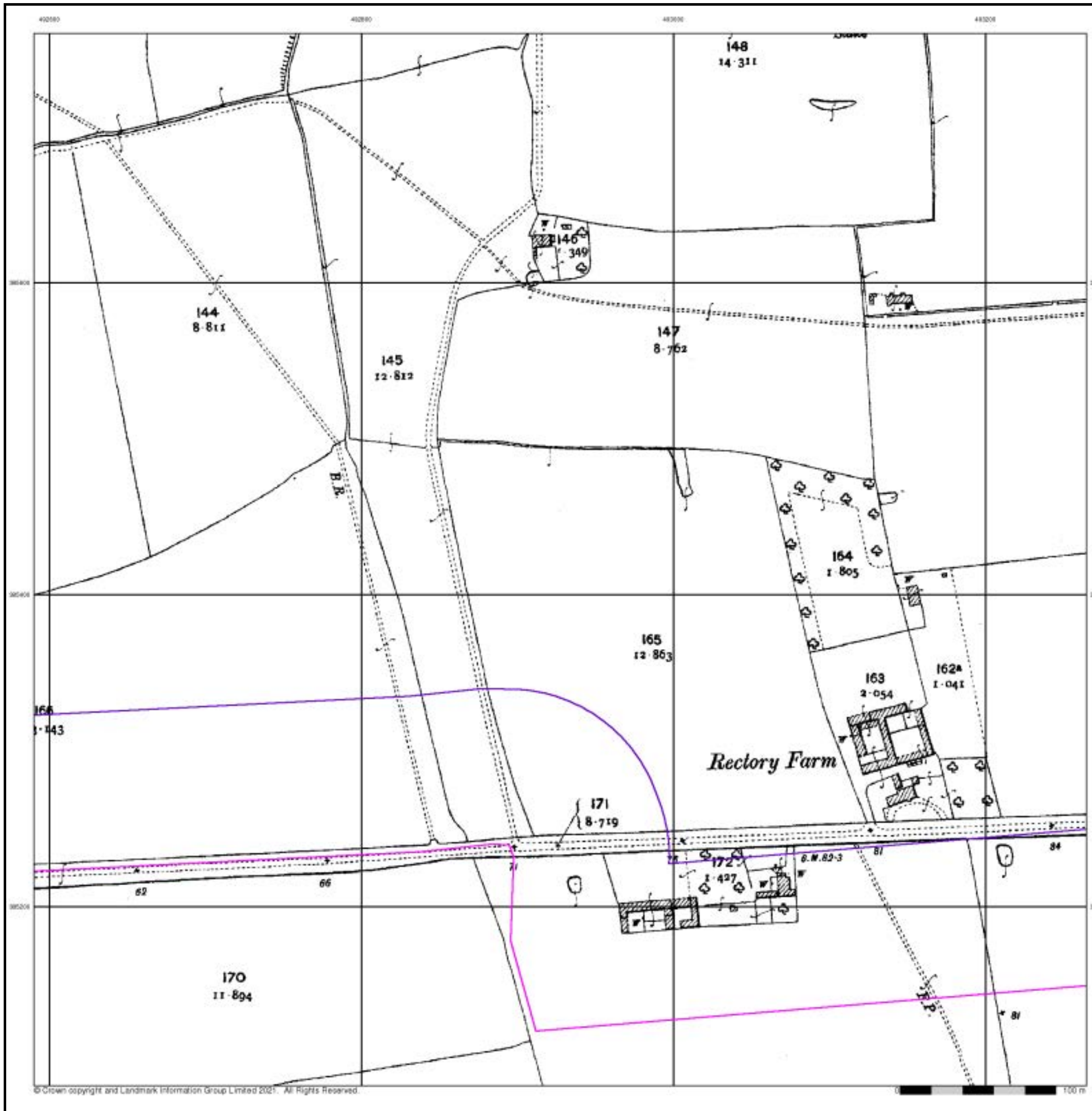


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



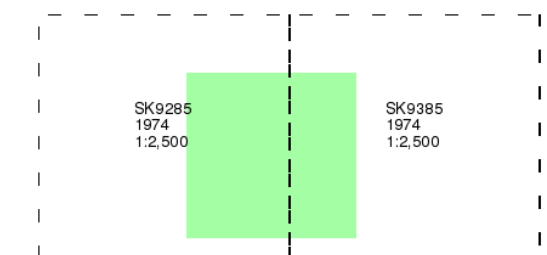
## Ordnance Survey Plan

Published 1974

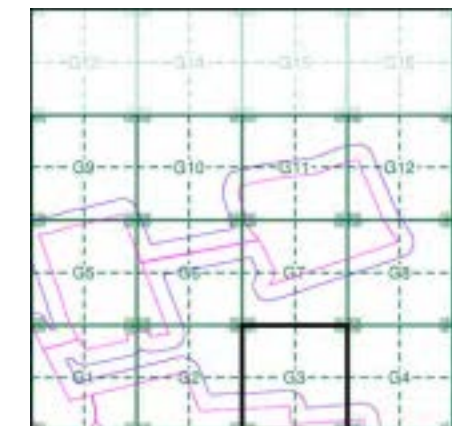
Source map scale - 1:2,500

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 G3

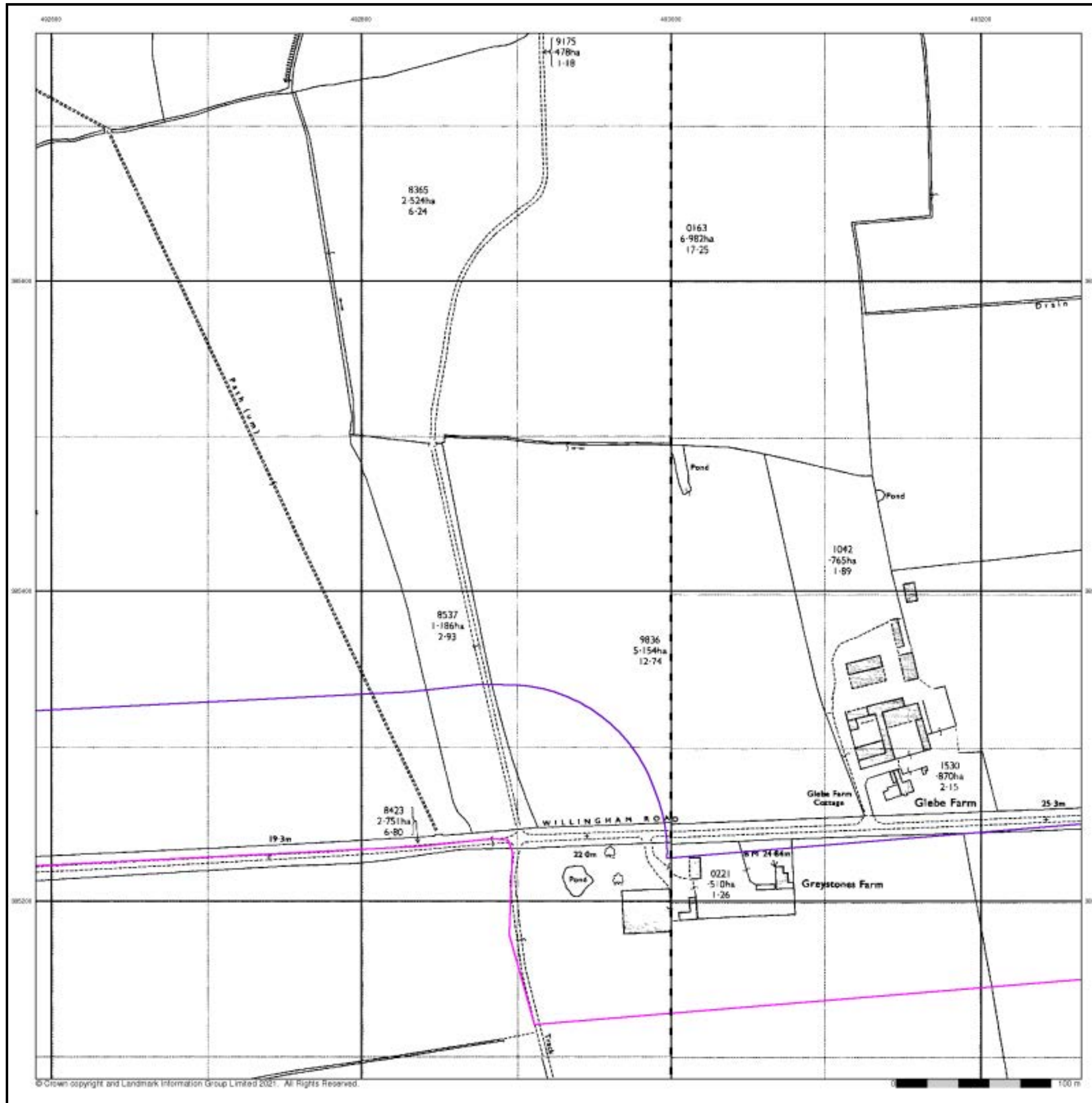


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



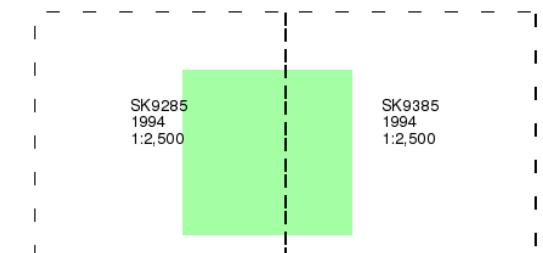
## Large-Scale National Grid Data

Published 1994

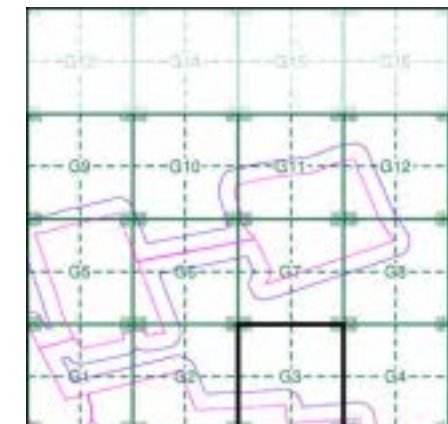
Source map scale - 1:2,500

'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 G3



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

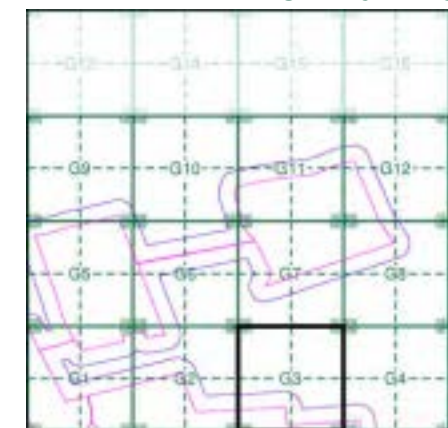
Cottam 1



## 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 G3

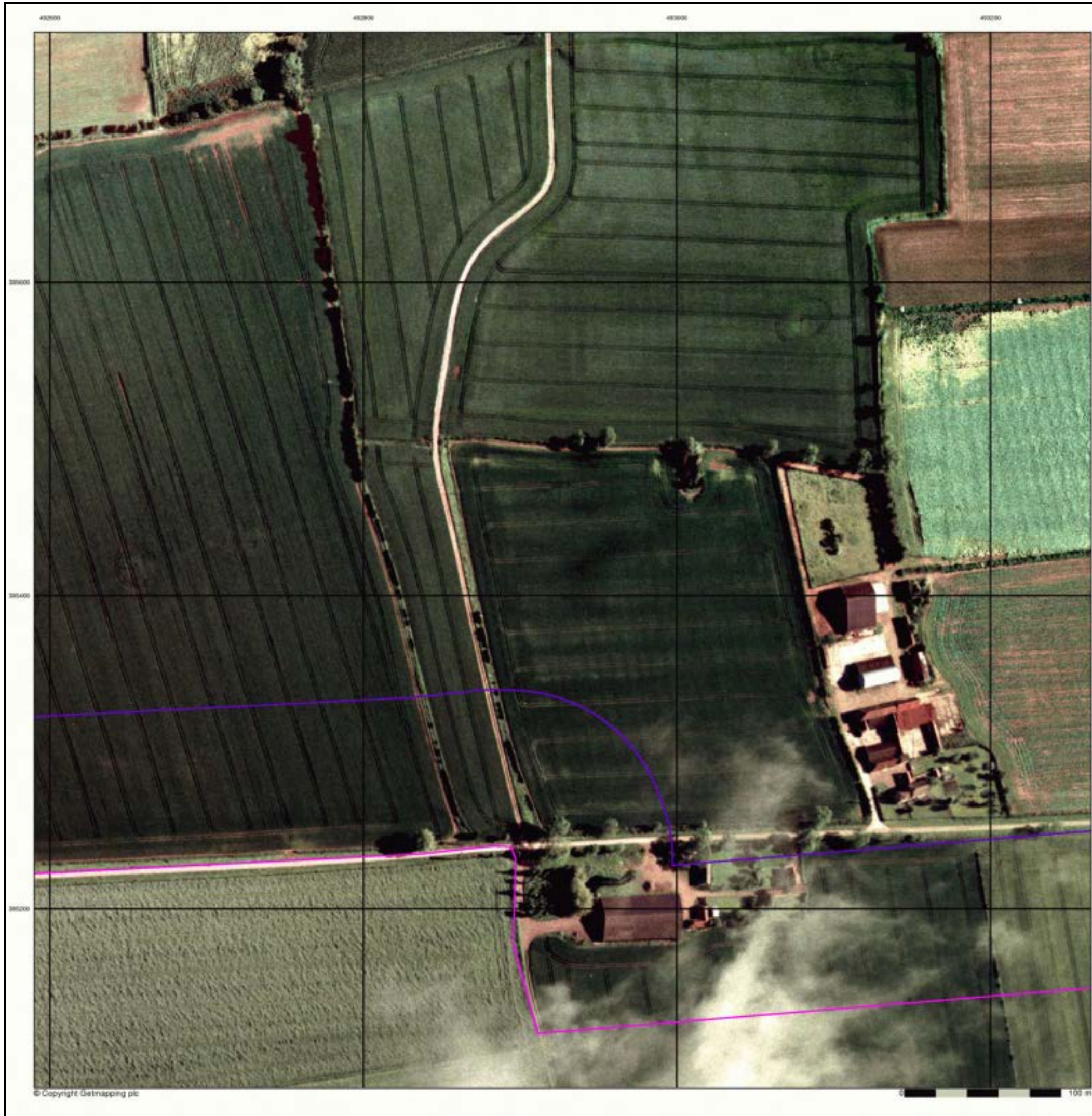


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# Historical Mapping Legends

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

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

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

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

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

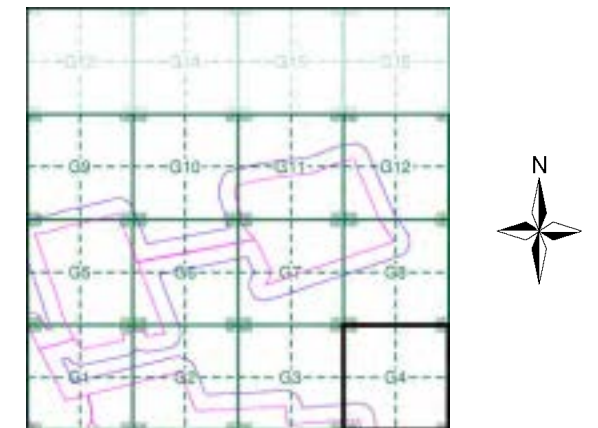
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **Bracken**  
**Coppice, Osier**   **Reeds**   **Marsh, Saltings**  
**Rough Grassland**   **Heath**   **Culvert**  
**Direction of water flow**   **Triangulation Station**   **Antiquity (site of)**  
**Electricity Transmission Line**   **Electricity Pylon**  
**BM 231.60m** Bench Mark   **Buildings with Building Seed**  
**Roofed Building**   **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks** Barracks   **P** Pillar, Pole or Post  
**Bty** Battery   **PO** Post Office  
**Cemy** Cemetery   **PC** Public Convenience  
**Chy** Chimney   **Pp** Pump  
**Cis** Cistern   **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway   **PW** Place of Worship  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment G4



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



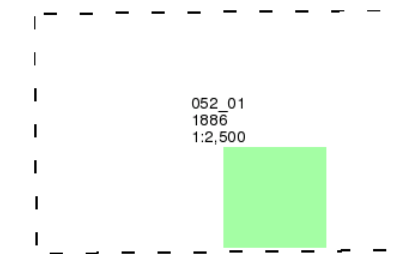
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

**Lincolnshire**  
**Published 1886**

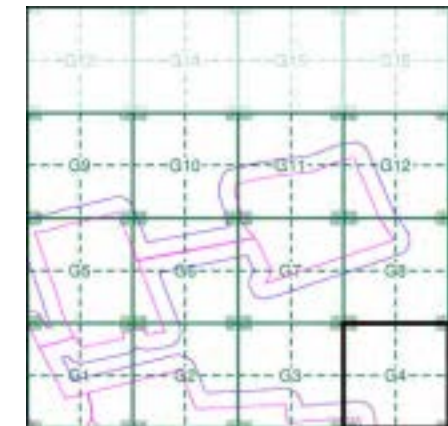
**Source map scale - 1:2,500**

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 G4**

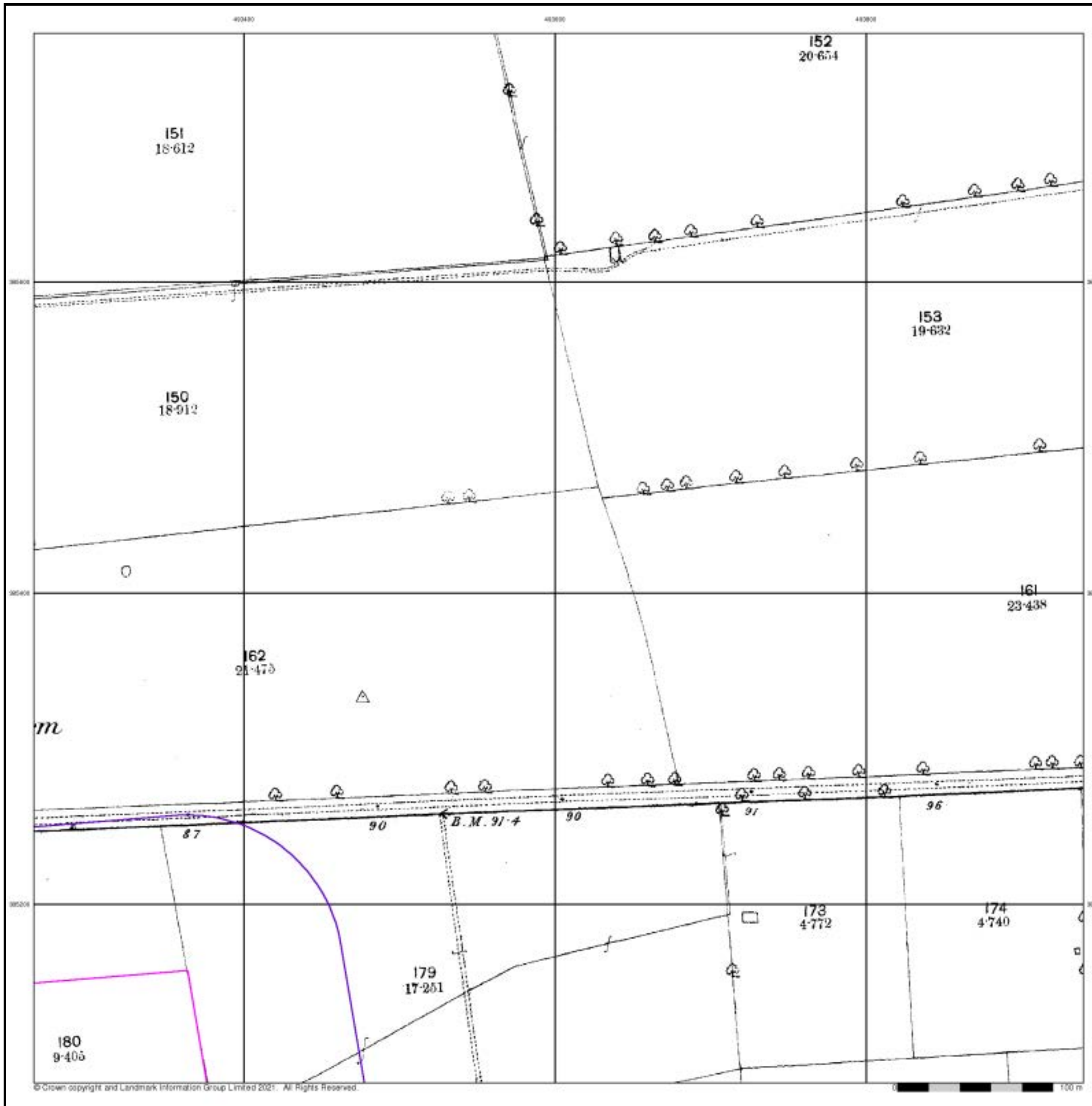


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1

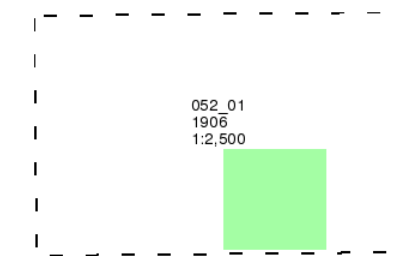


**Lincolnshire**  
**Published 1906**

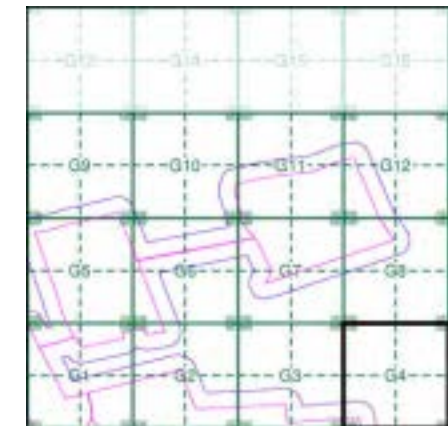
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment G4**

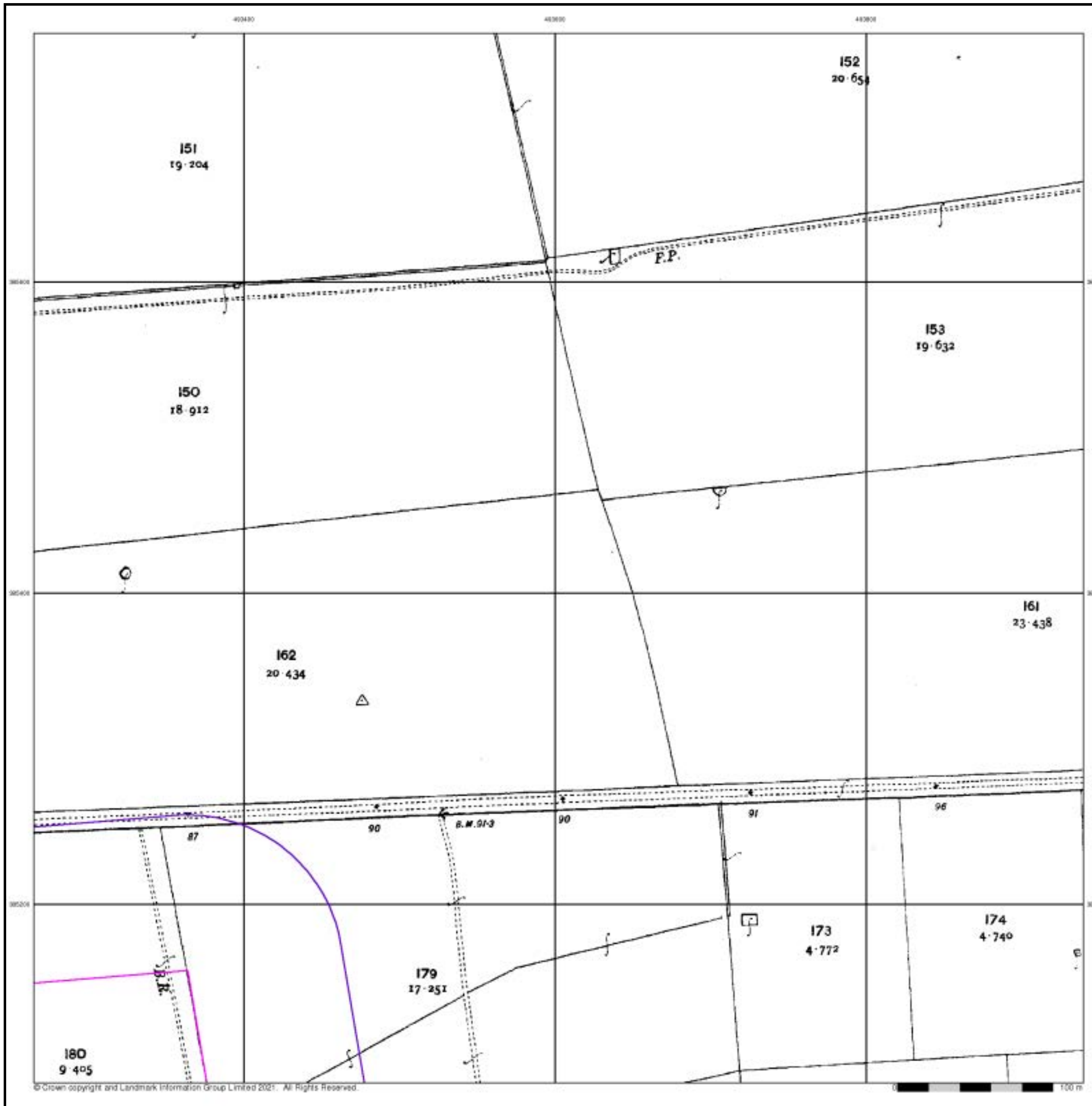


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



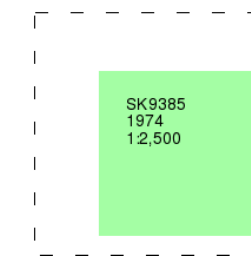
### Ordnance Survey Plan

Published 1974

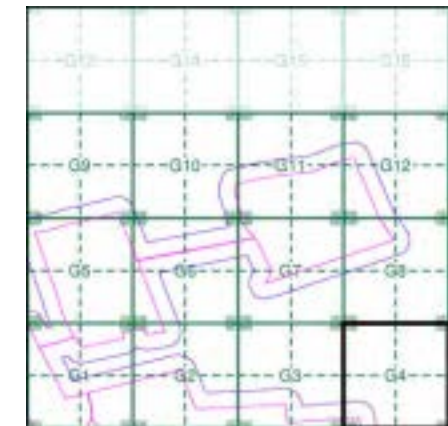
Source map scale - 1:2,500

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 G4

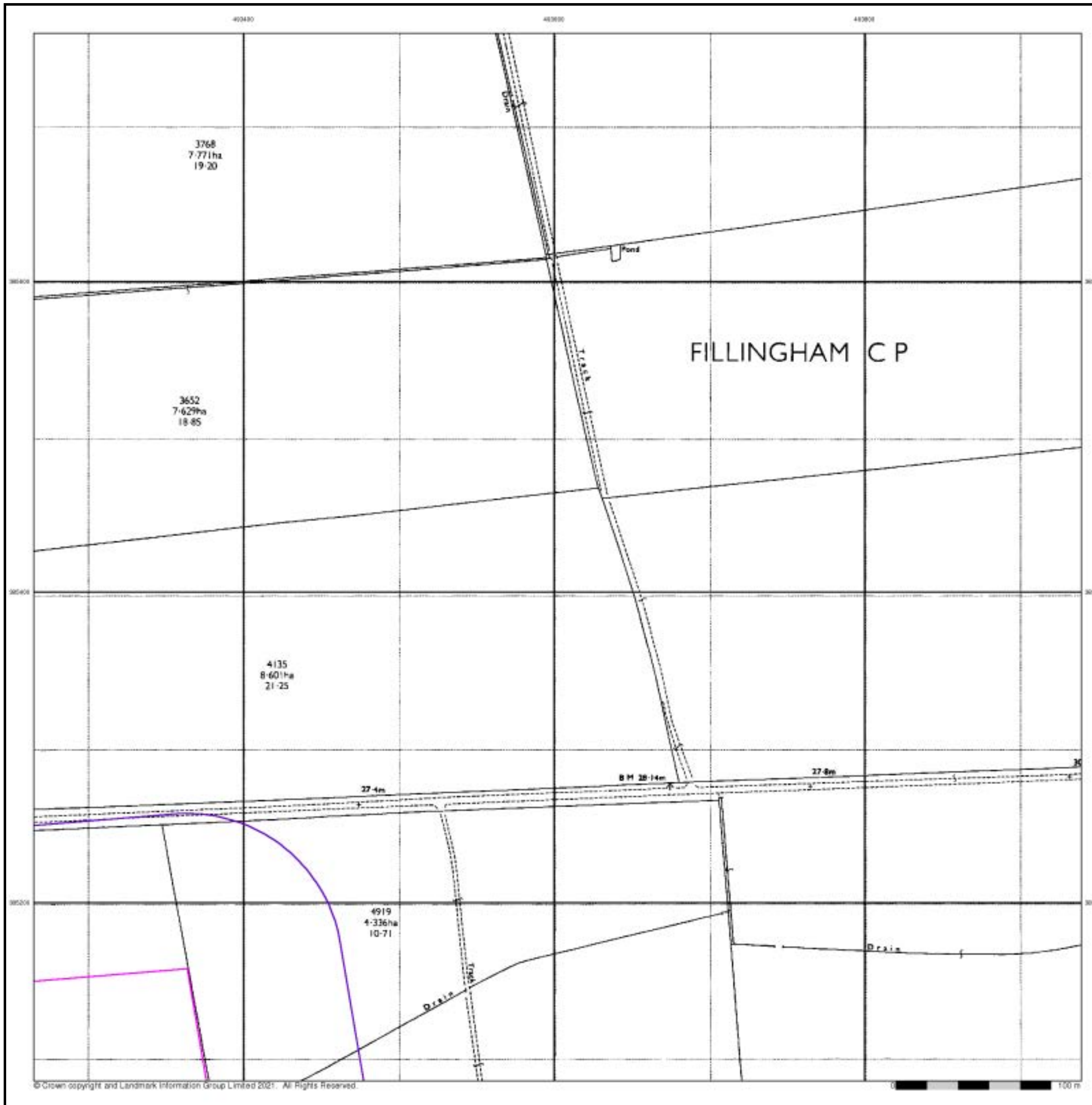


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





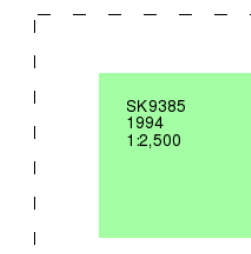
## Large-Scale National Grid Data

Published 1994

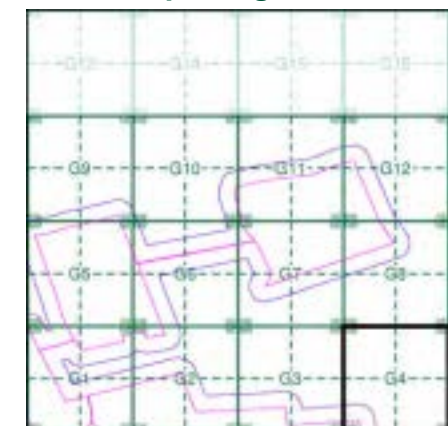
Source map scale - 1:2,500

'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 G4

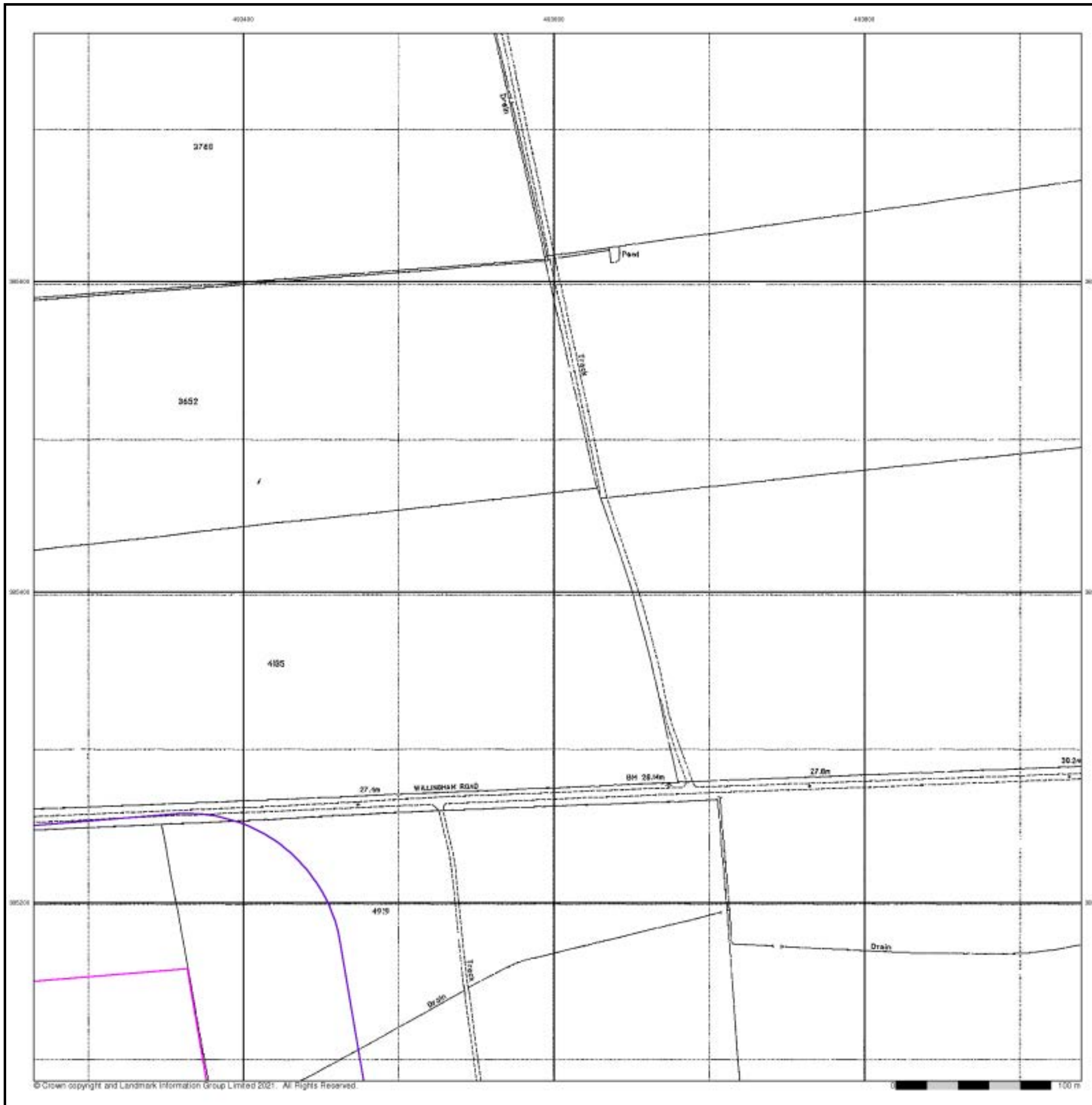


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

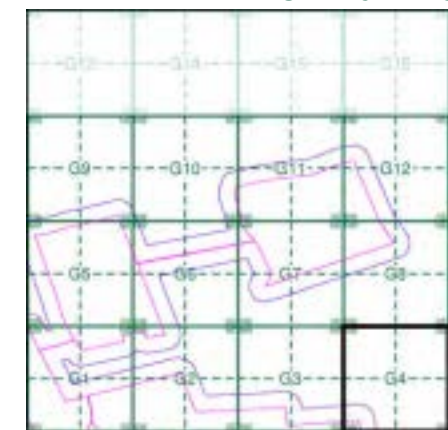
Cottam 1



## 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 G4

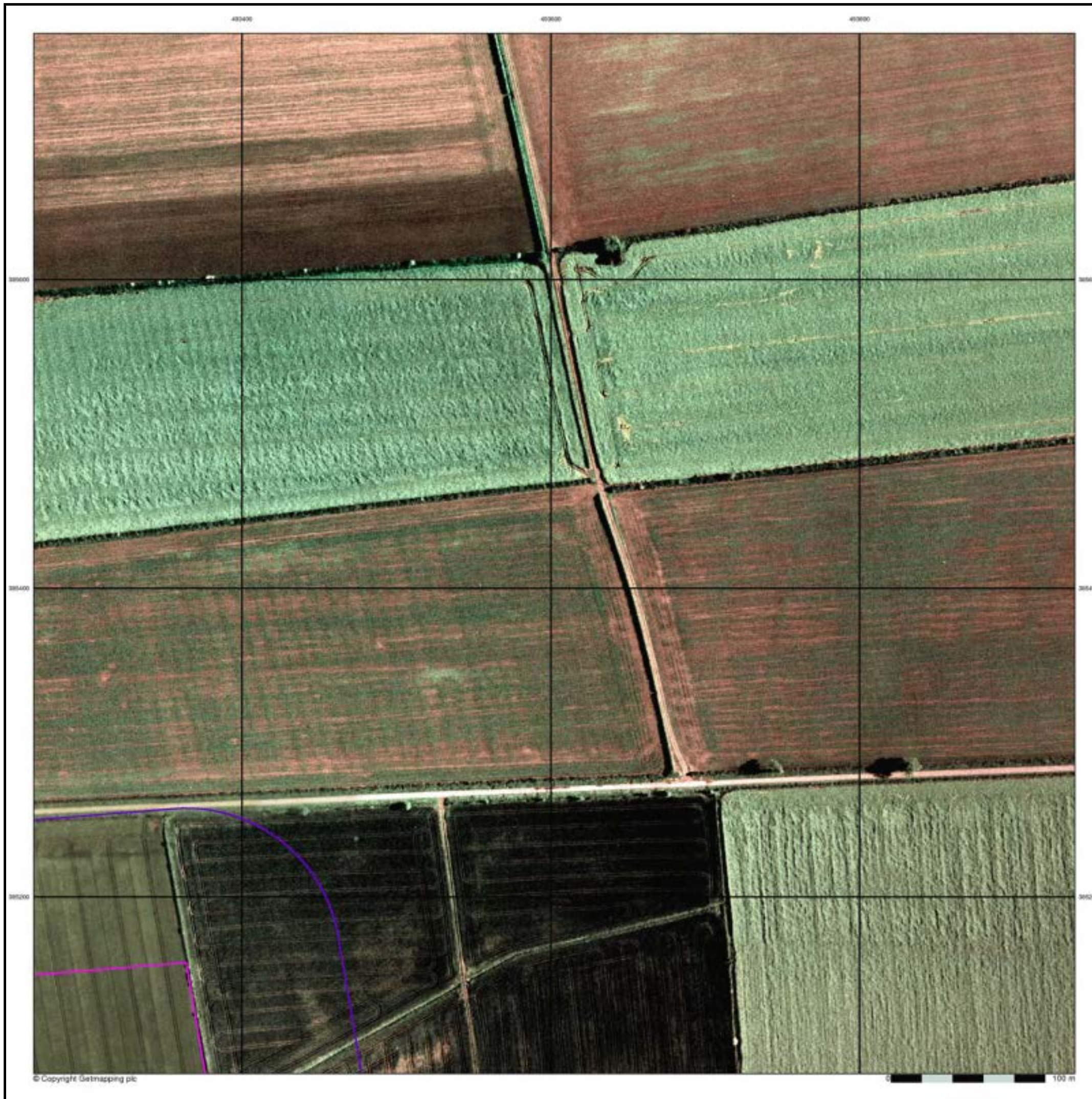


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# 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

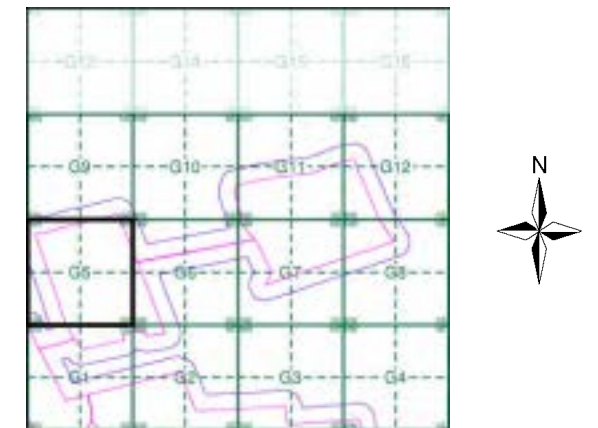
**Cliff** **Slopes** **Top**  
**Rock** **Rock (scattered)**  
**Boulders** **Boulders (scattered)**  
**Positioned Boulder** **Scree**  
**Non-Coniferous Tree (surveyed)** **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)** **Coniferous Trees (not surveyed)**  
**Orchard Tree** **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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment G5



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

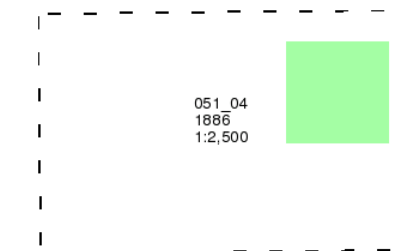
## Lincolnshire

Published 1886

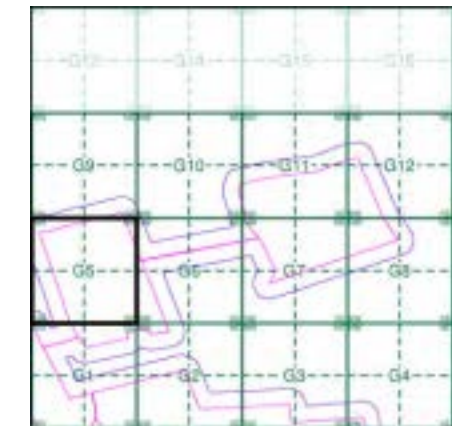
Source map scale - 1:2,500

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 G5

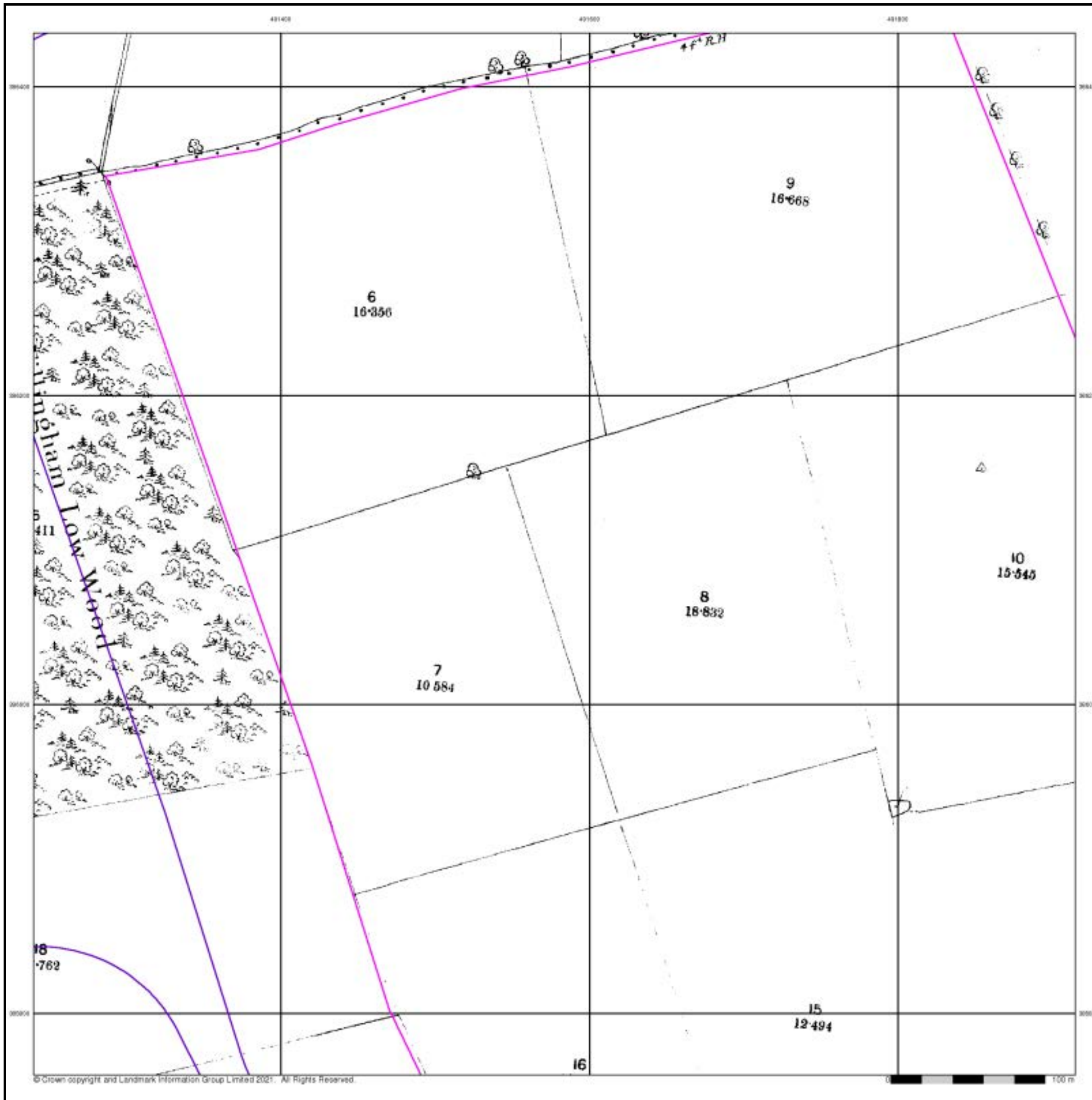


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



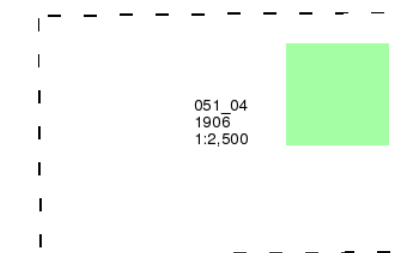
**Lincolnshire**

**Published 1906**

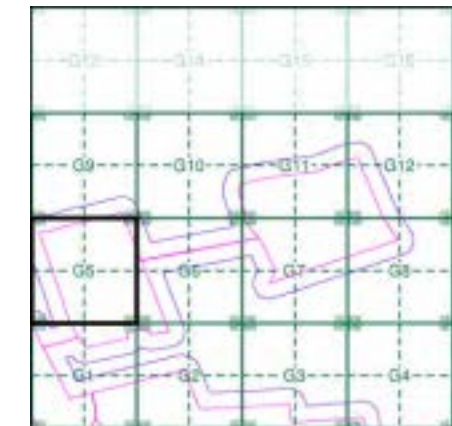
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment G5**

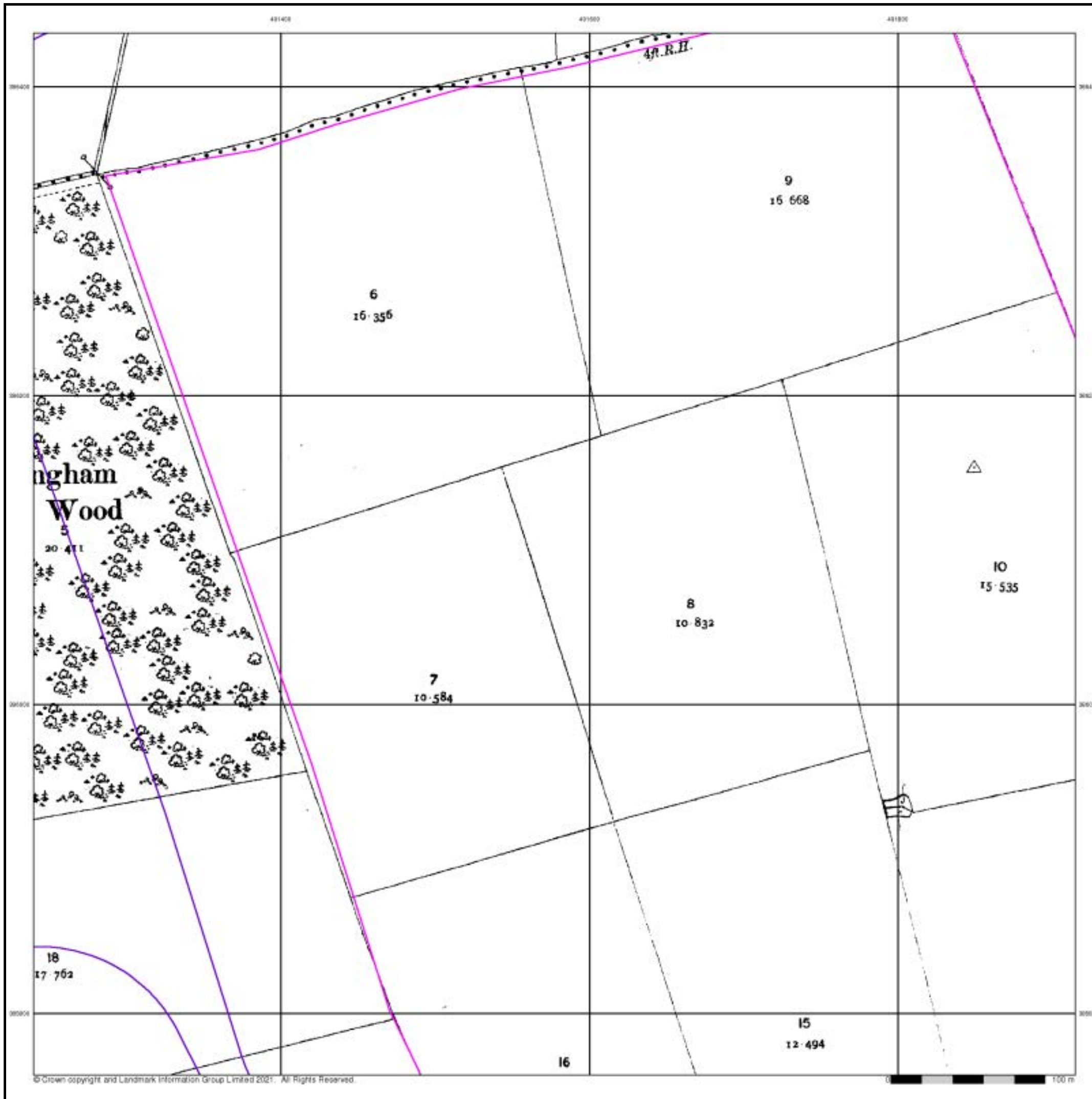


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Ordnance Survey Plan

Published 1974

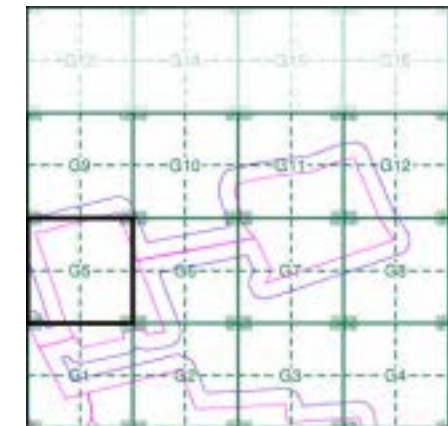
Source map scale - 1:2,500

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)

SK9186	1974	1:2,500
SK9185	1974	1:2,500

### Historical Map - Segment G5

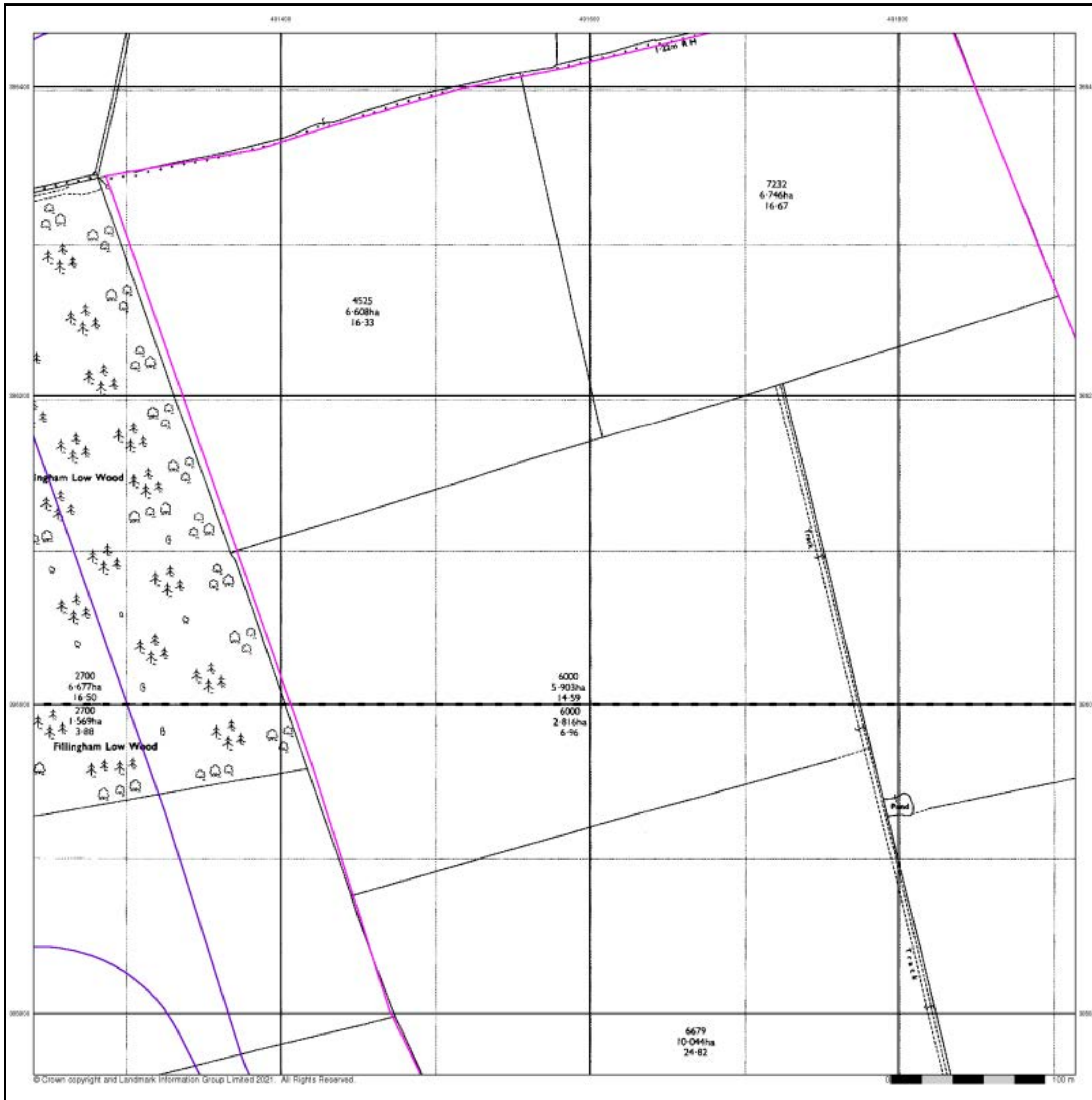


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

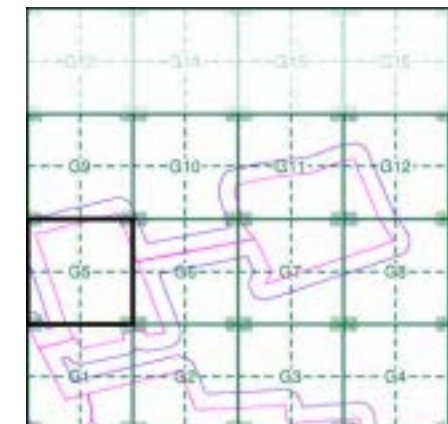
Source map scale - 1:2,500

'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)

SK9186	1994	1:2,500
SK9185	1994	1:2,500

### Historical Map - Segment G5

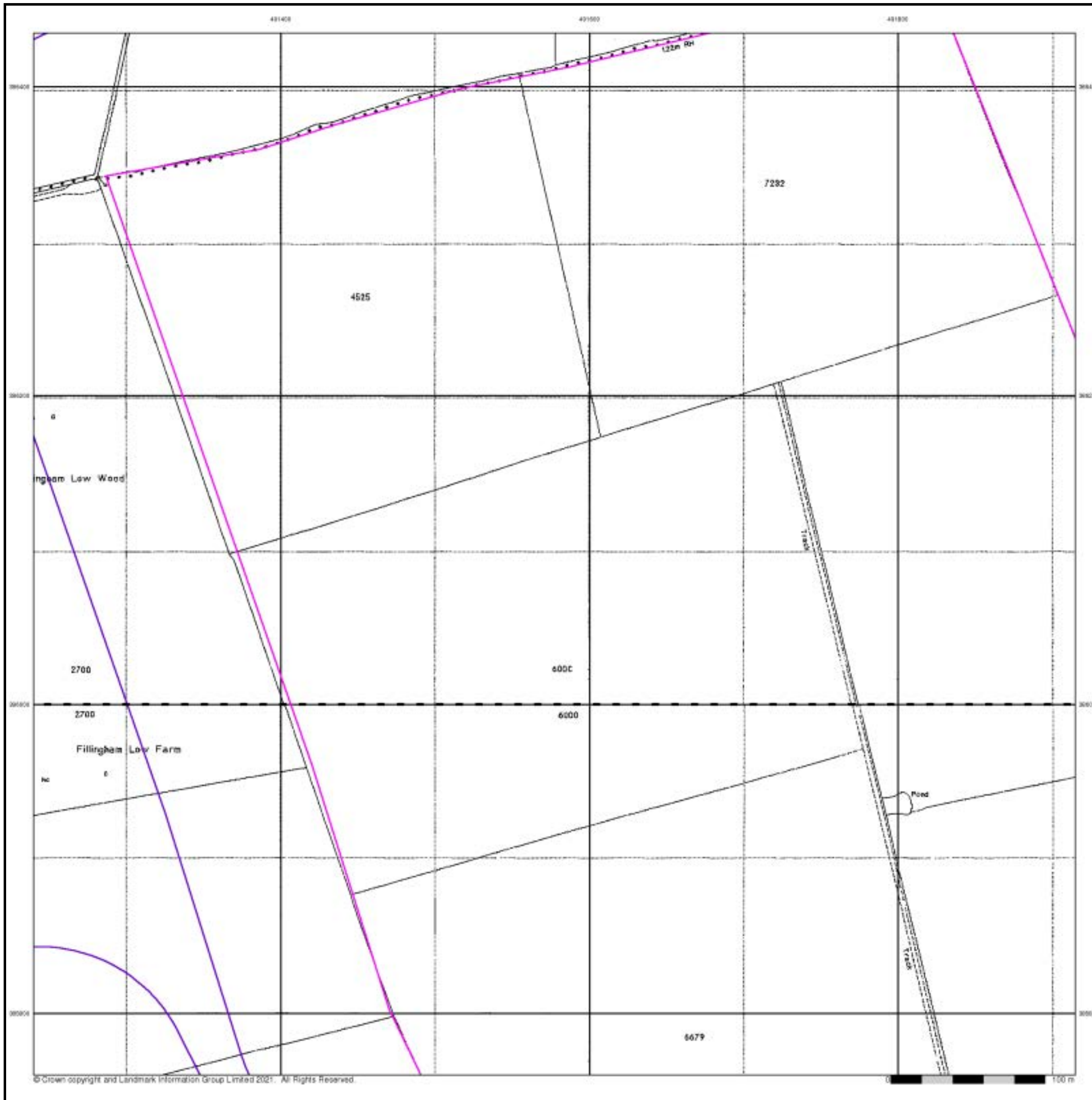


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

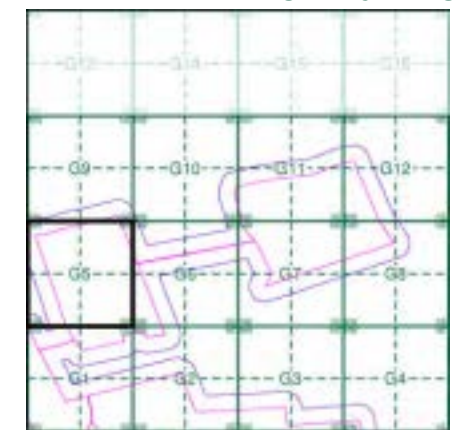
Cottam 1



## 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 G5

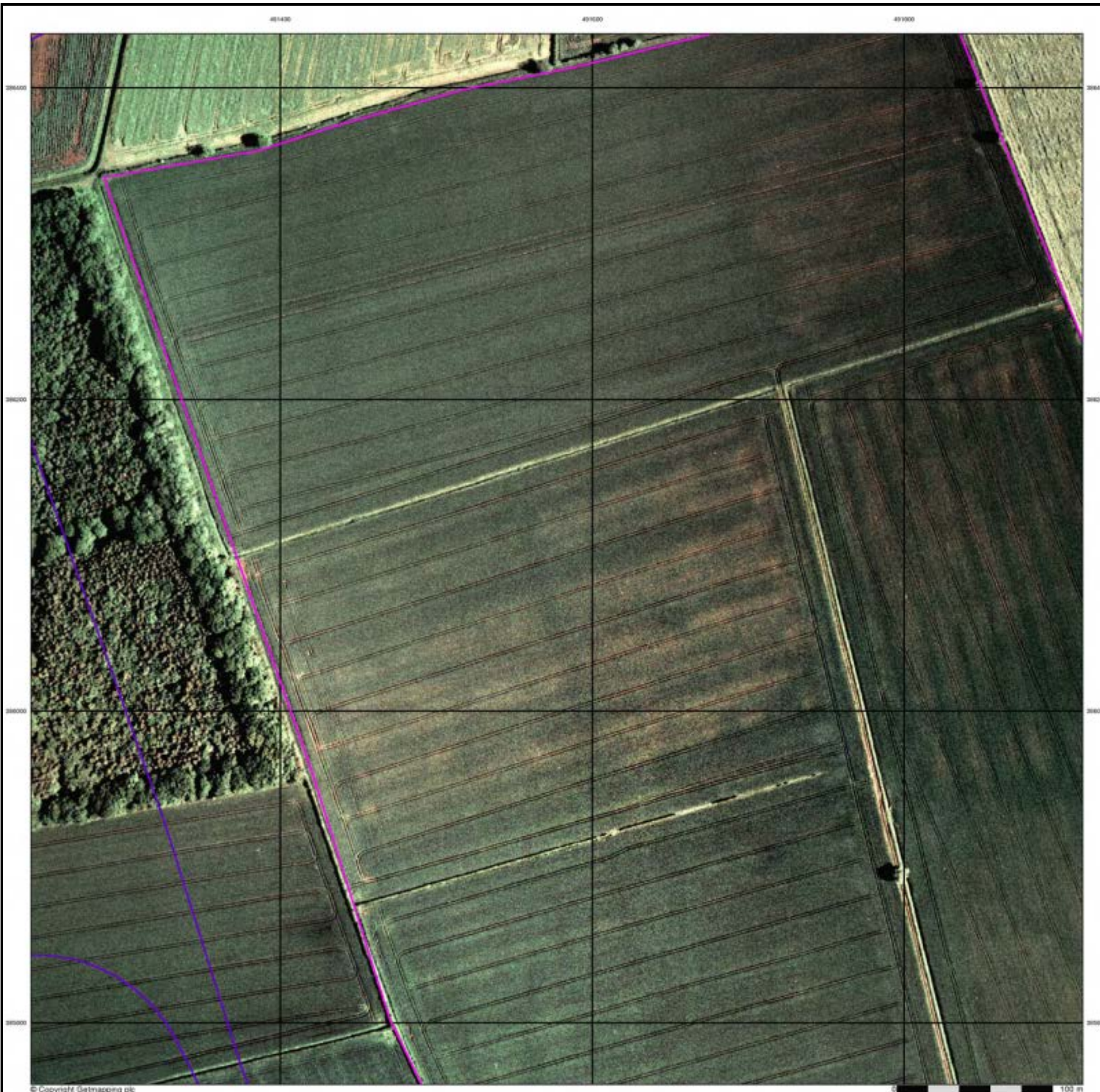


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





# Historical Mapping Legends

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

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

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

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

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

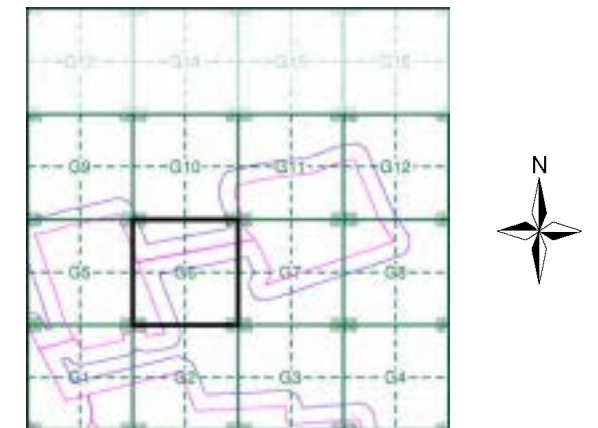
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment G6



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



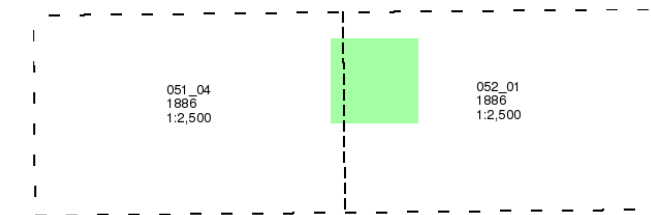
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

**Lincolnshire**  
**Published 1886**

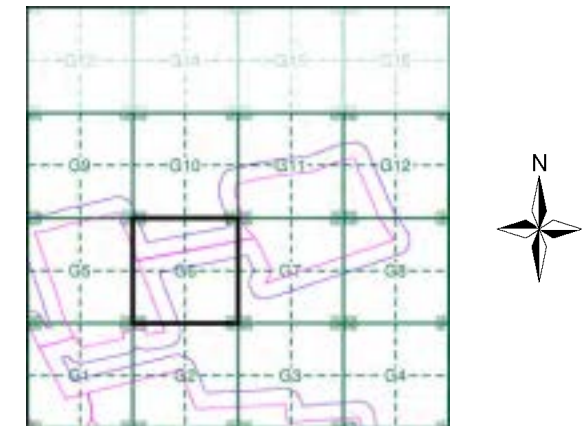
**Source map scale - 1:2,500**

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 G6**

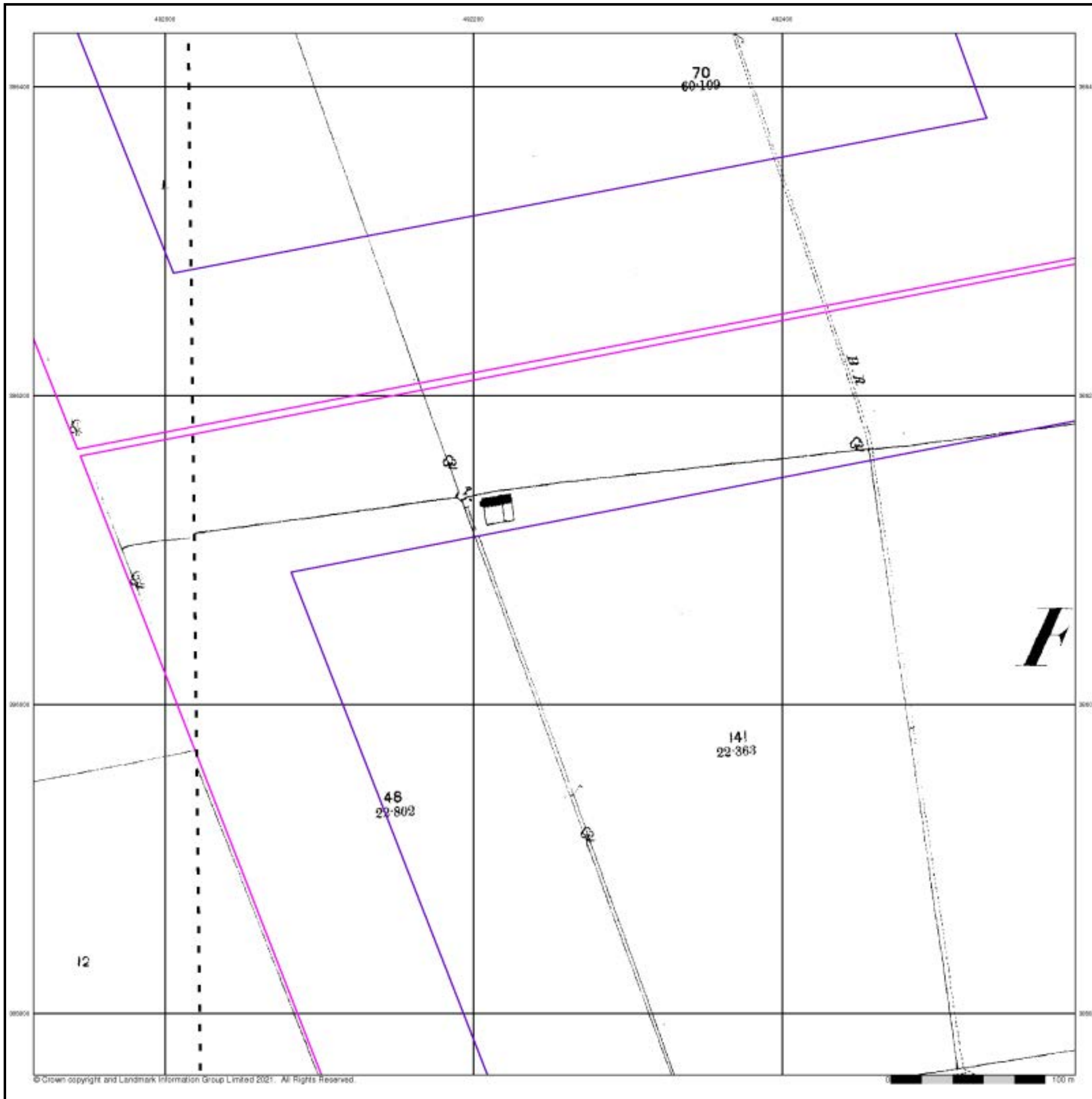


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1

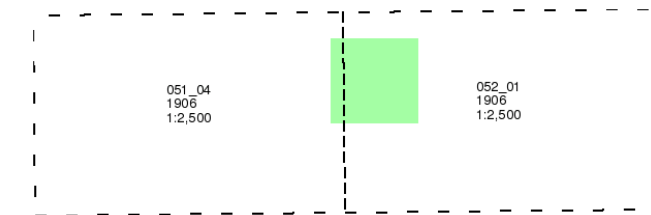


**Lincolnshire**  
**Published 1906**

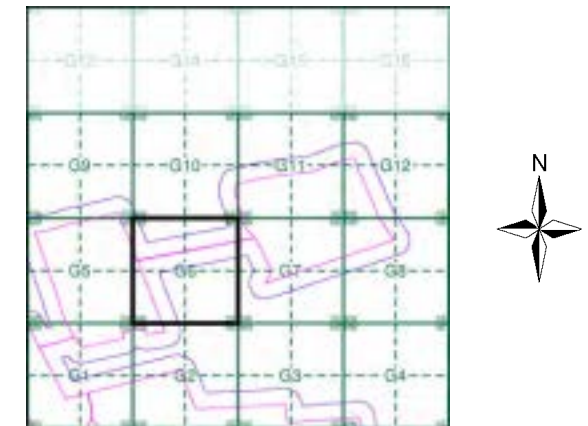
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment G6**

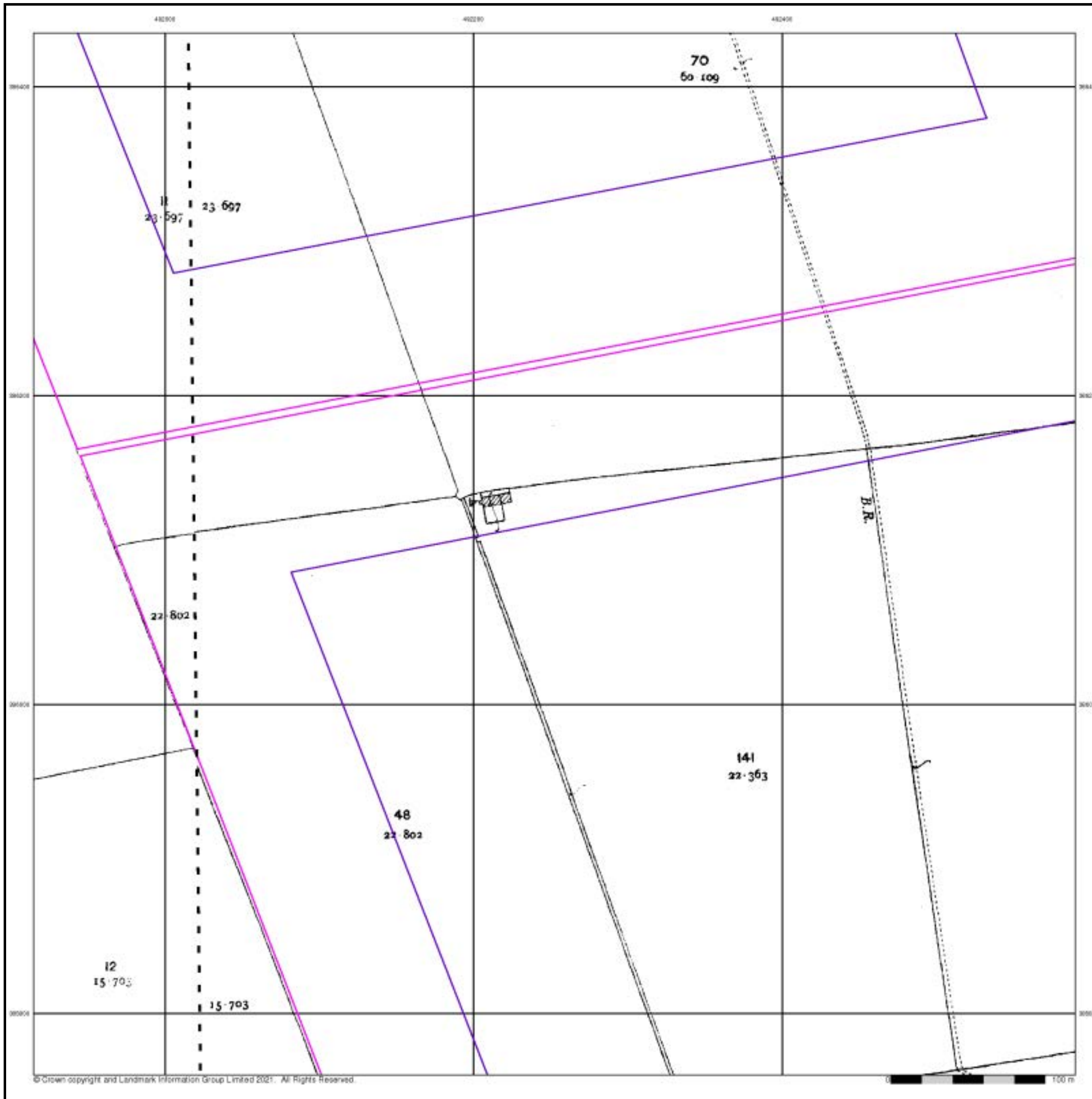


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



### Ordnance Survey Plan

Published 1974

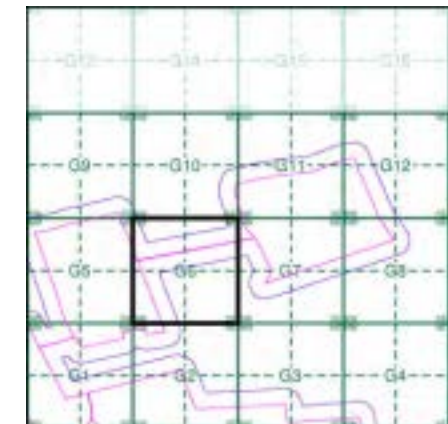
Source map scale - 1:2,500

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)

SK9186 1974 12,500	SK9286 1974 12,500
SK9185 1974 12,500	SK9285 1974 12,500

### Historical Map - Segment G6

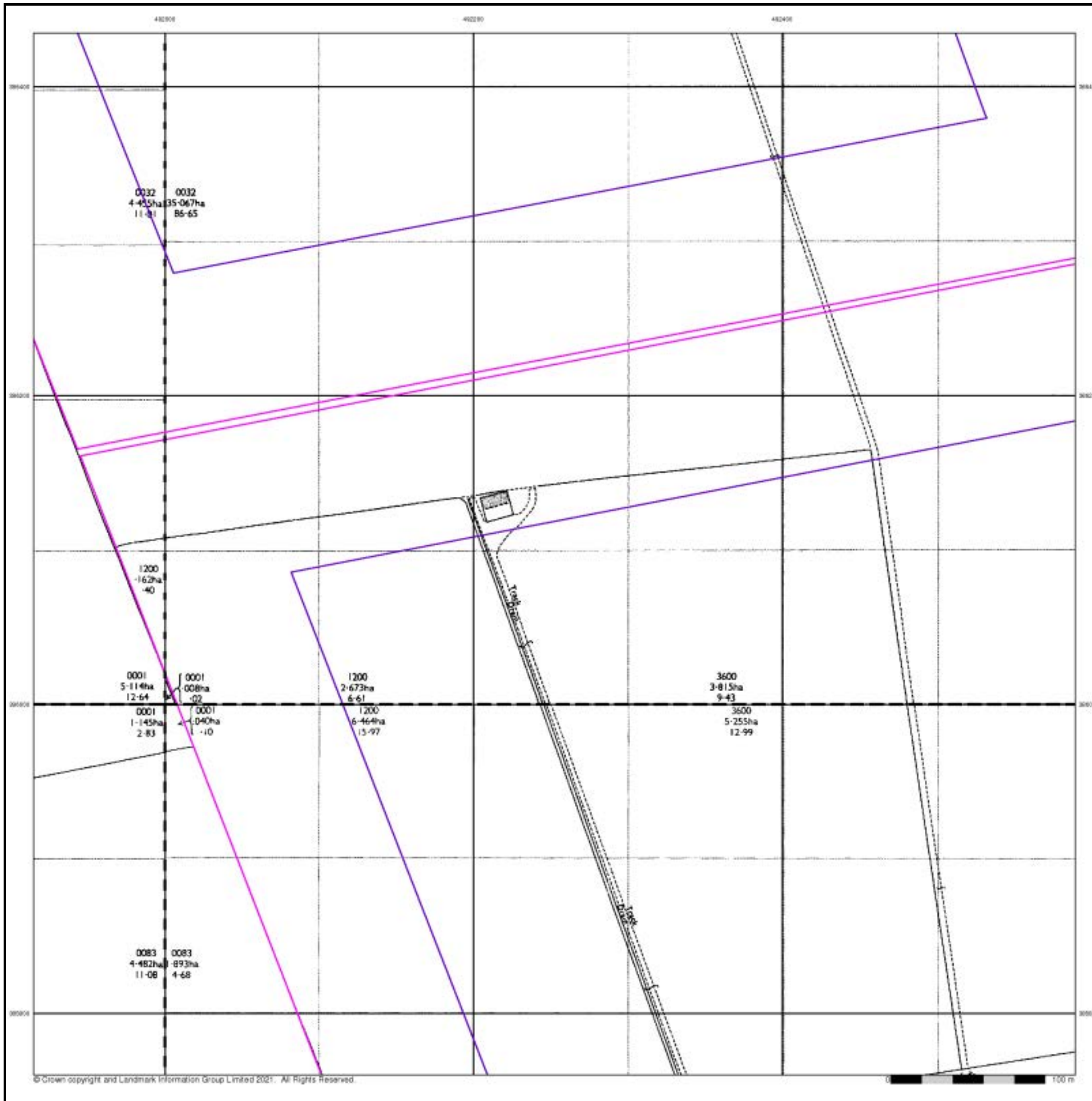


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

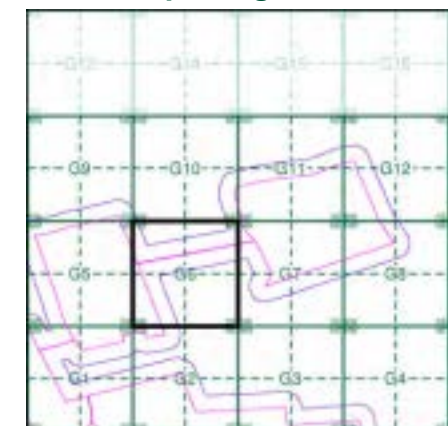
Source map scale - 1:2,500

'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)

SK9186	SK9286
1994	1994
12,500	12,500
SK9185	SK9285
1994	1994
12,500	12,500

### Historical Map - Segment G6

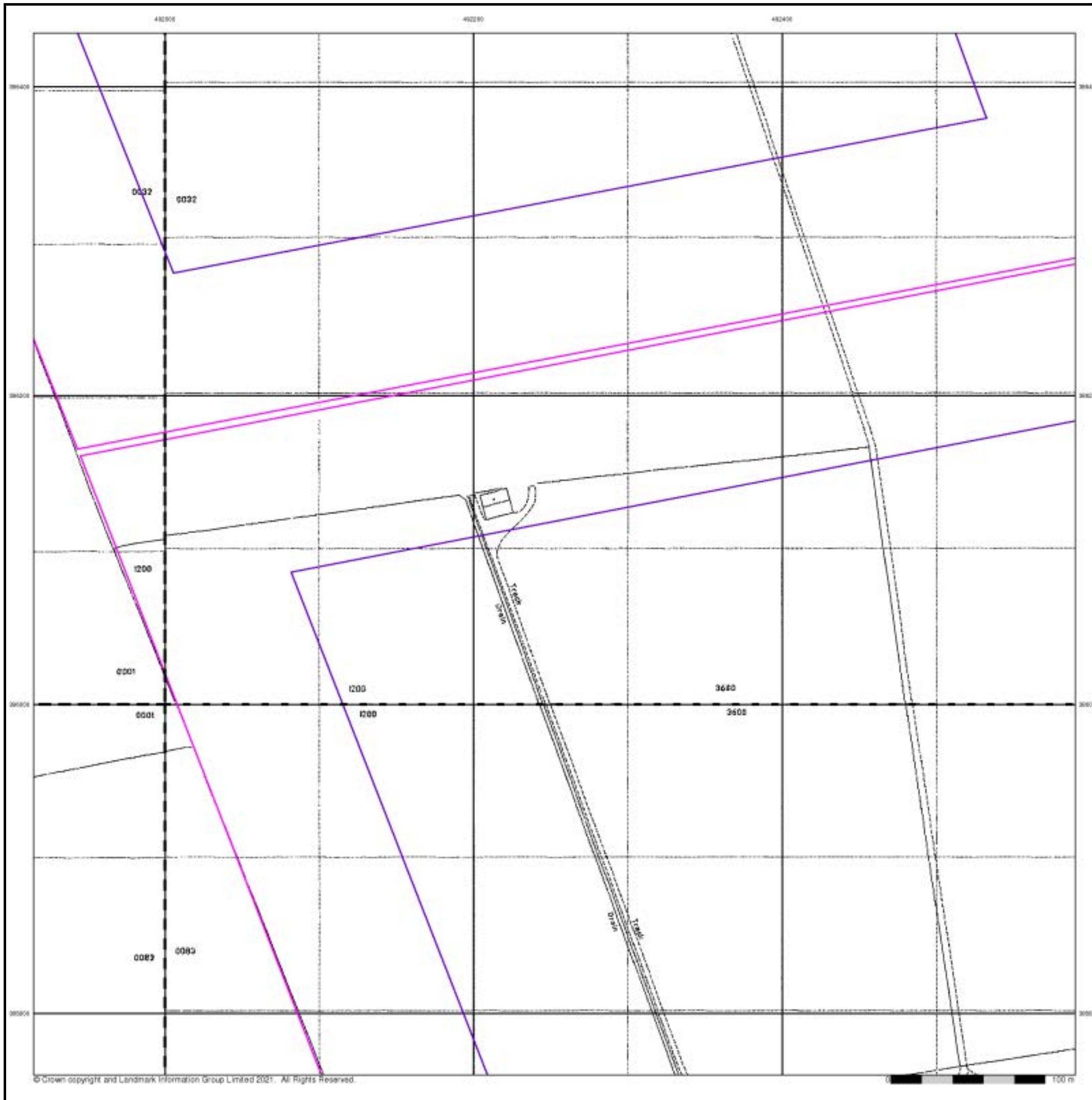


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

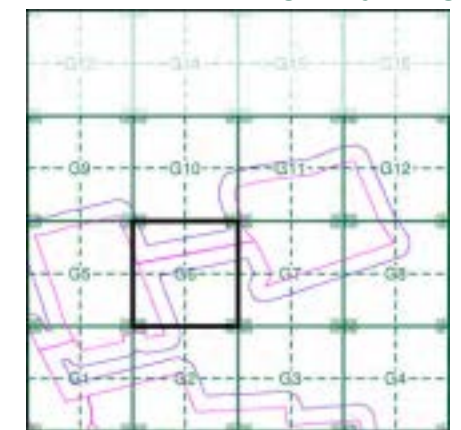


## Historical Aerial Photography

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 G6

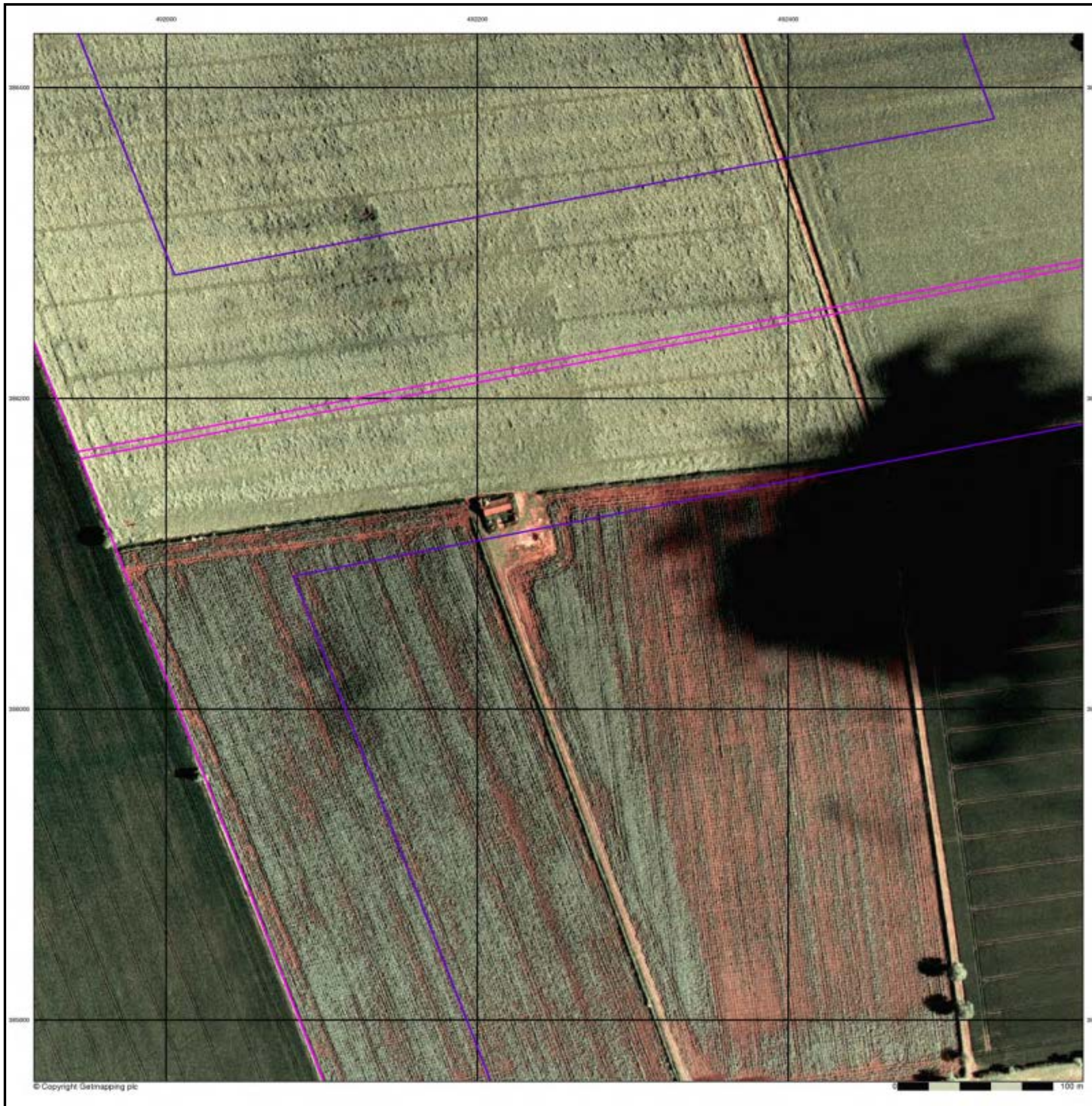


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# 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**    507 **Altitude at Trig. Station**  
**B.M. 325.9** **Bench Mark**    342 **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)**  
**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

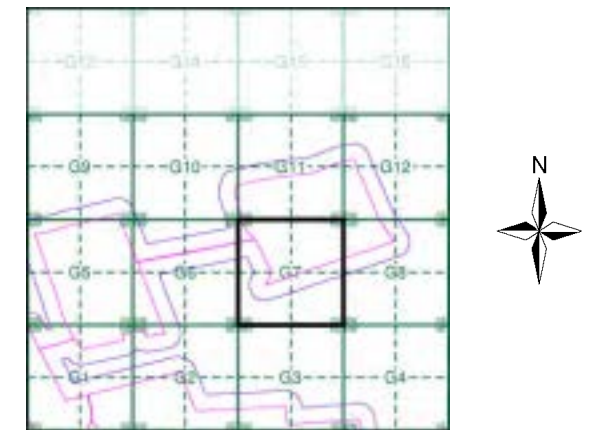
**Cliff**    **Slopes**    **Top**  
**Rock**    **Rock (scattered)**  
**Boulders**    **Boulders (scattered)**  
**Positioned Boulder**    **Scree**  
**Non-Coniferous Tree (surveyed)**    **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**    **Coniferous Trees (not surveyed)**  
**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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment G7



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

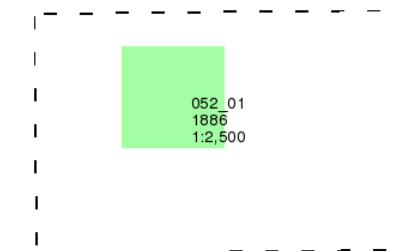
## Lincolnshire

Published 1886

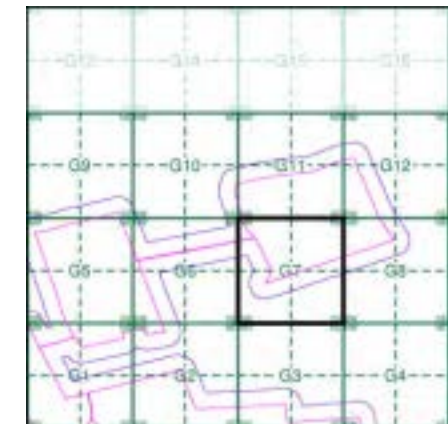
Source map scale - 1:2,500

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 G7

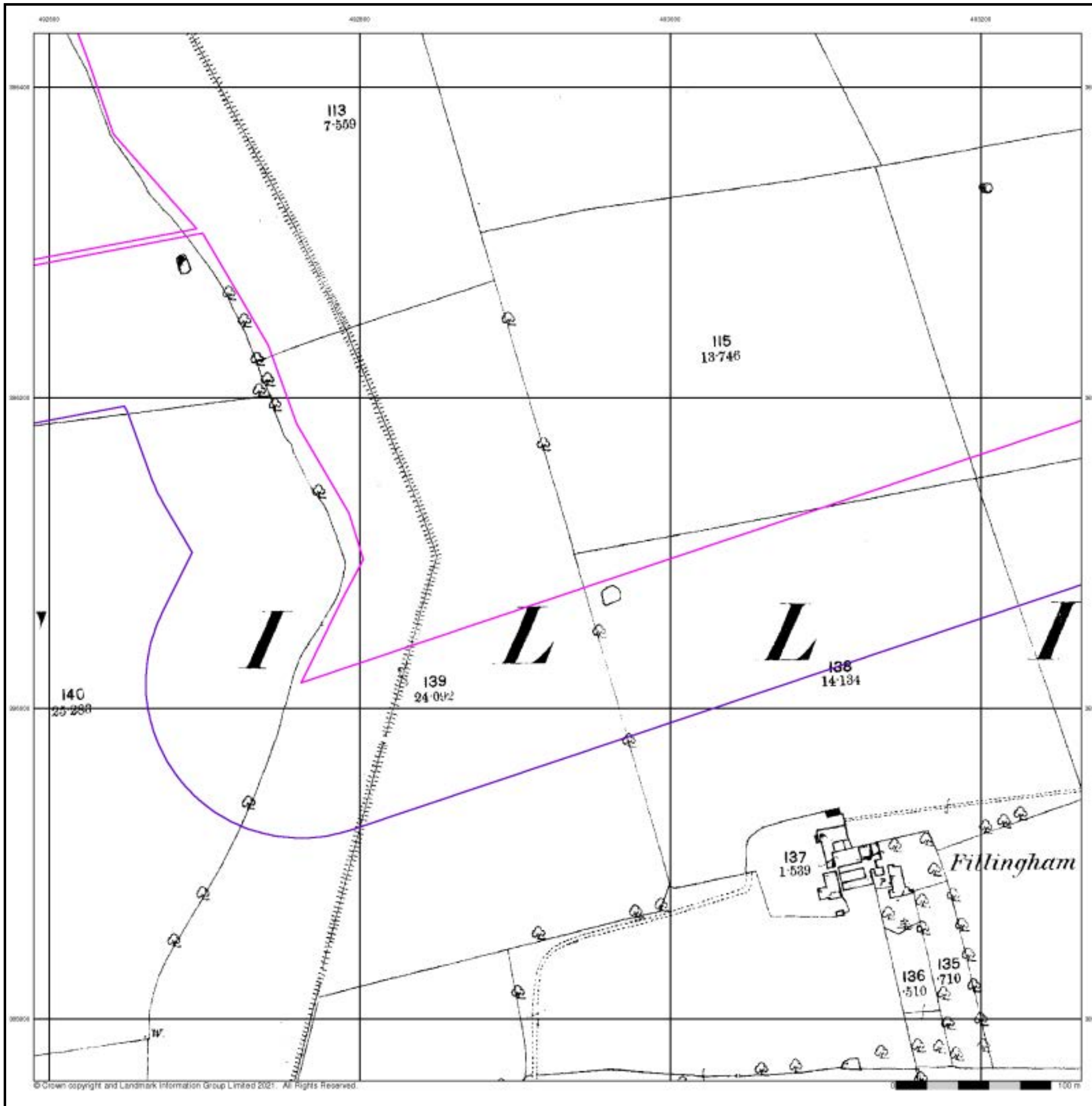


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



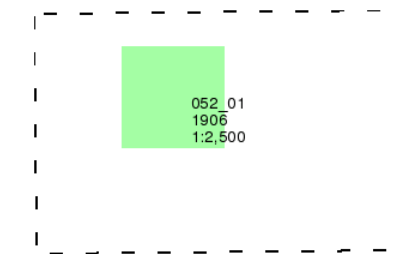


**Lincolnshire**  
**Published 1906**

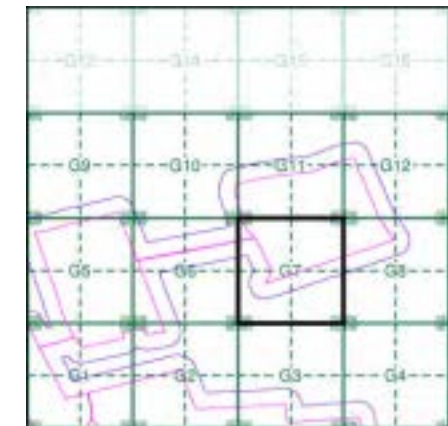
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment G7**

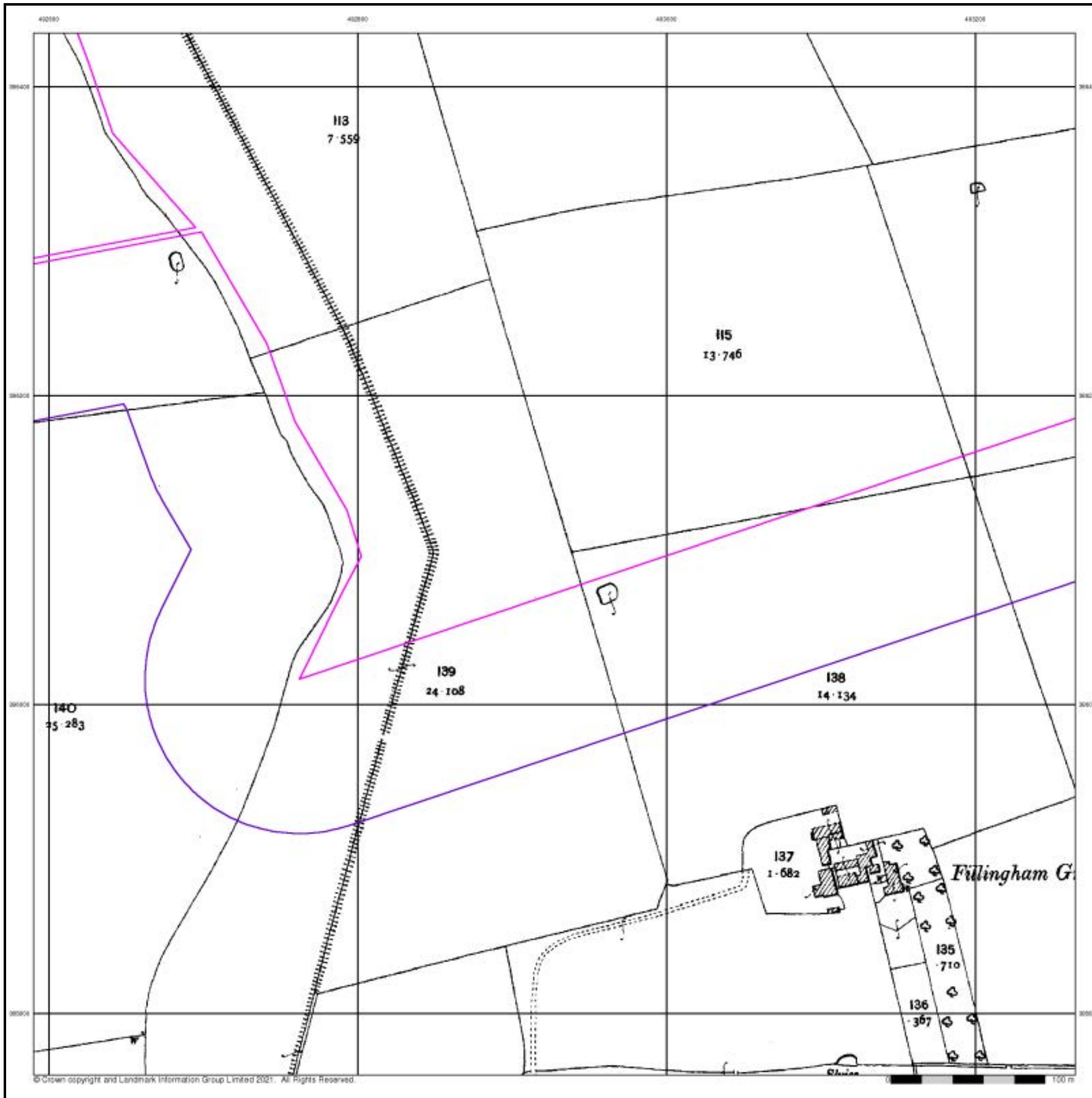


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



### Ordnance Survey Plan

Published 1974

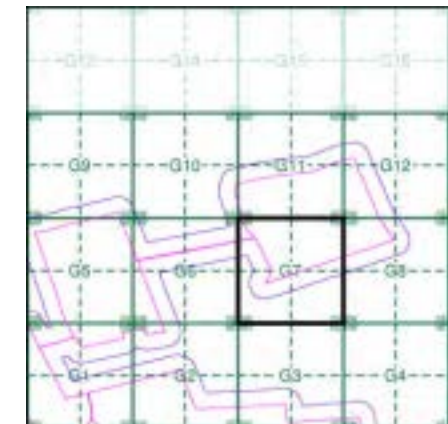
Source map scale - 1:2,500

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)

SK9286 1974 1:2,500	SK9386 1974 1:2,500
SK9285 1974 1:2,500	SK9385 1974 1:2,500

### Historical Map - Segment G7

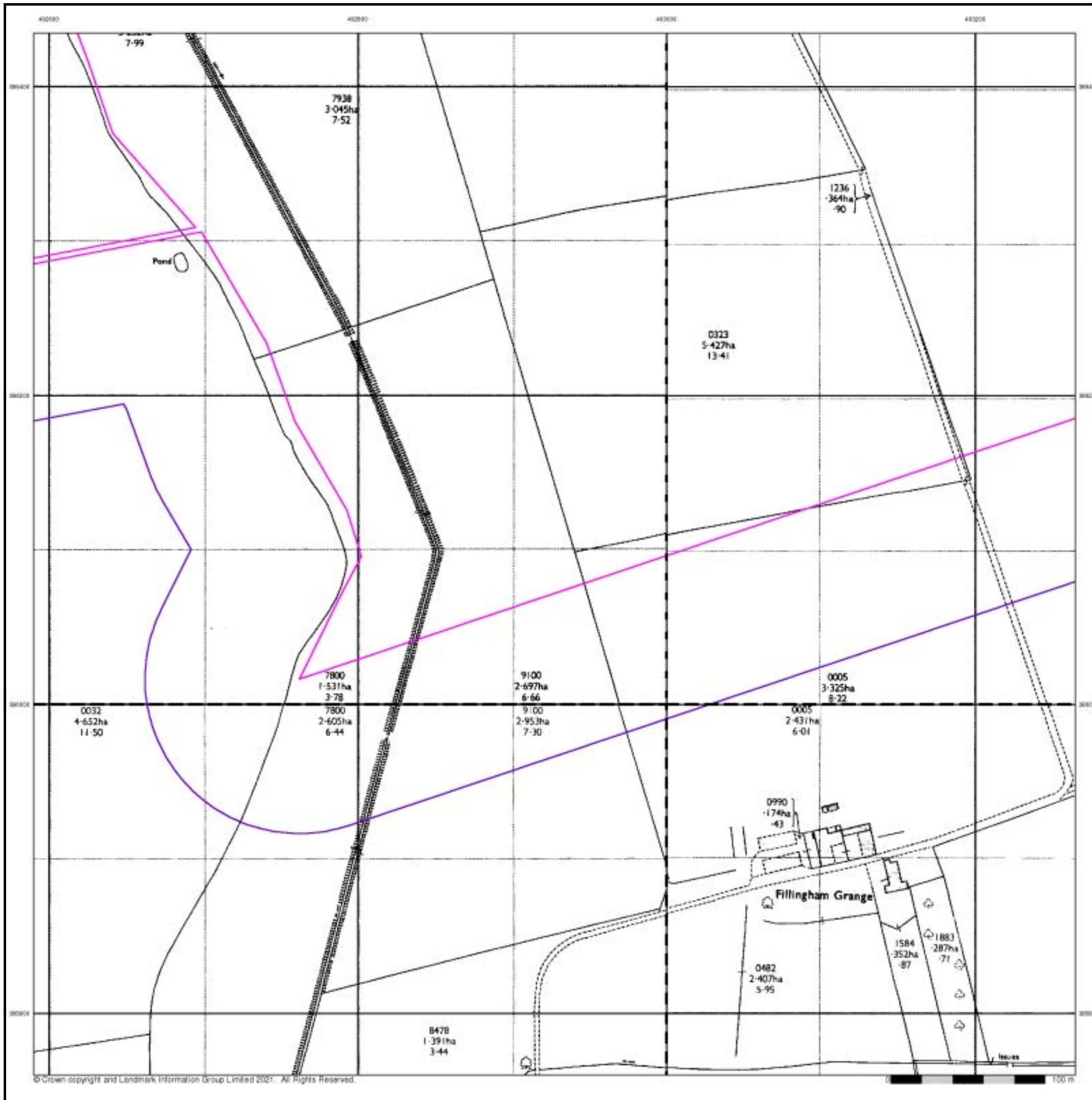


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

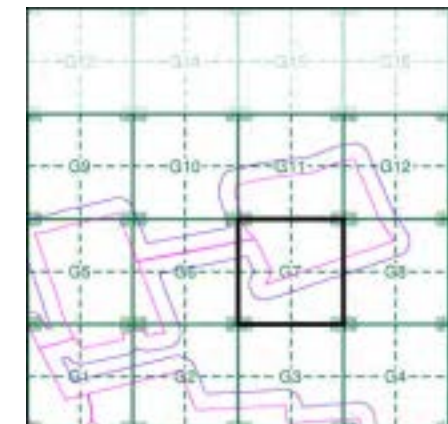
Source map scale - 1:2,500

'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)

SK9286	SK9386
1994	1994
12,500	12,500
SK9285	SK9385
1994	1994
12,500	12,500

### Historical Map - Segment G7

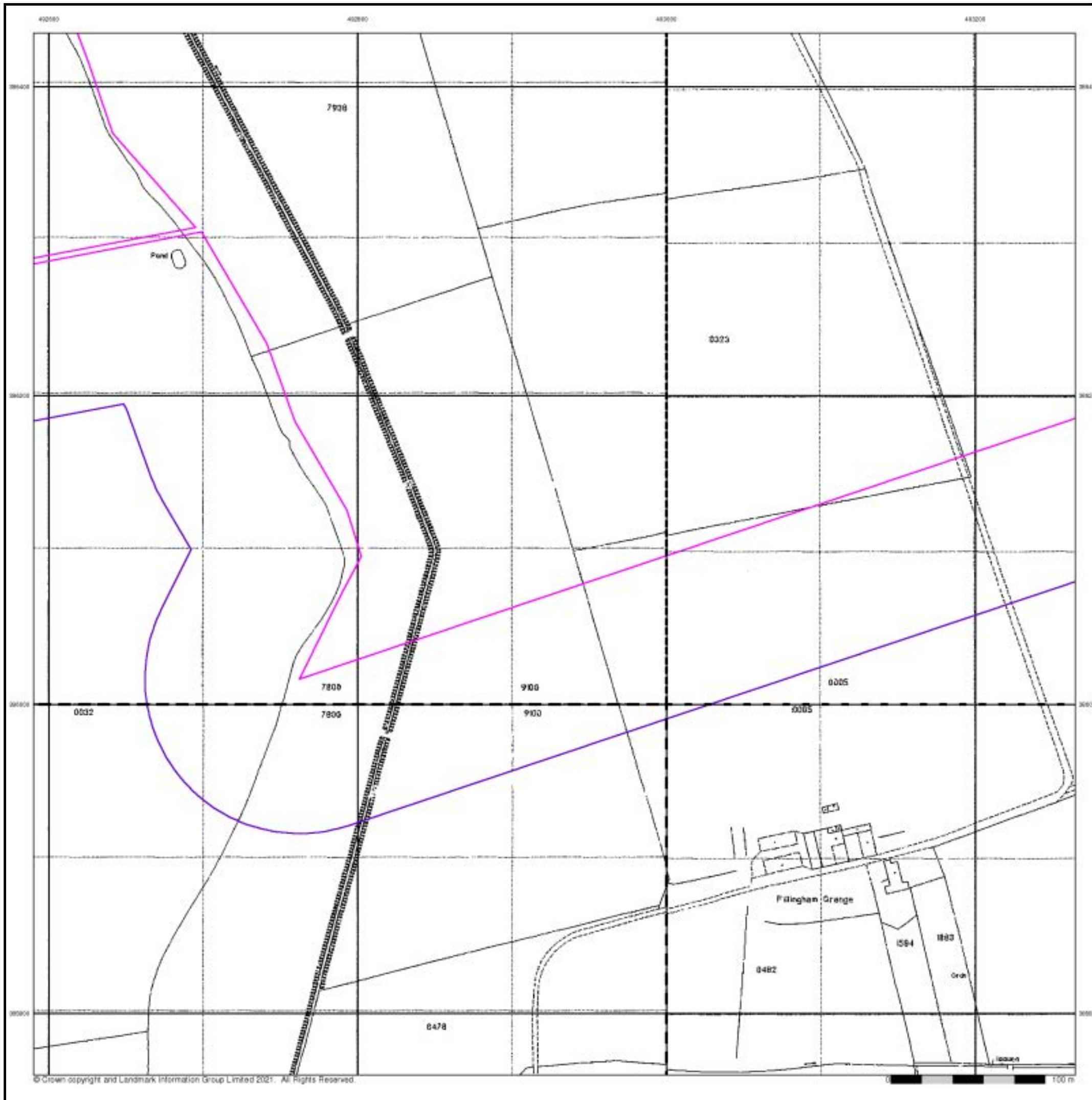


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

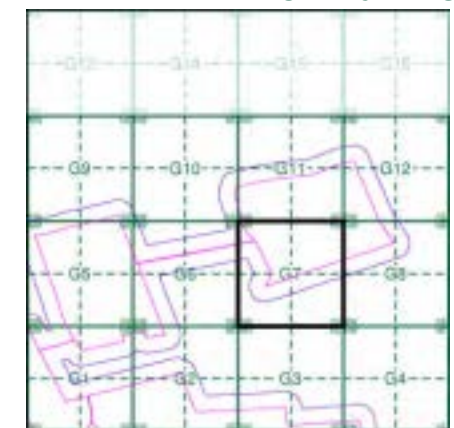


## Historical Aerial Photography

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 G7

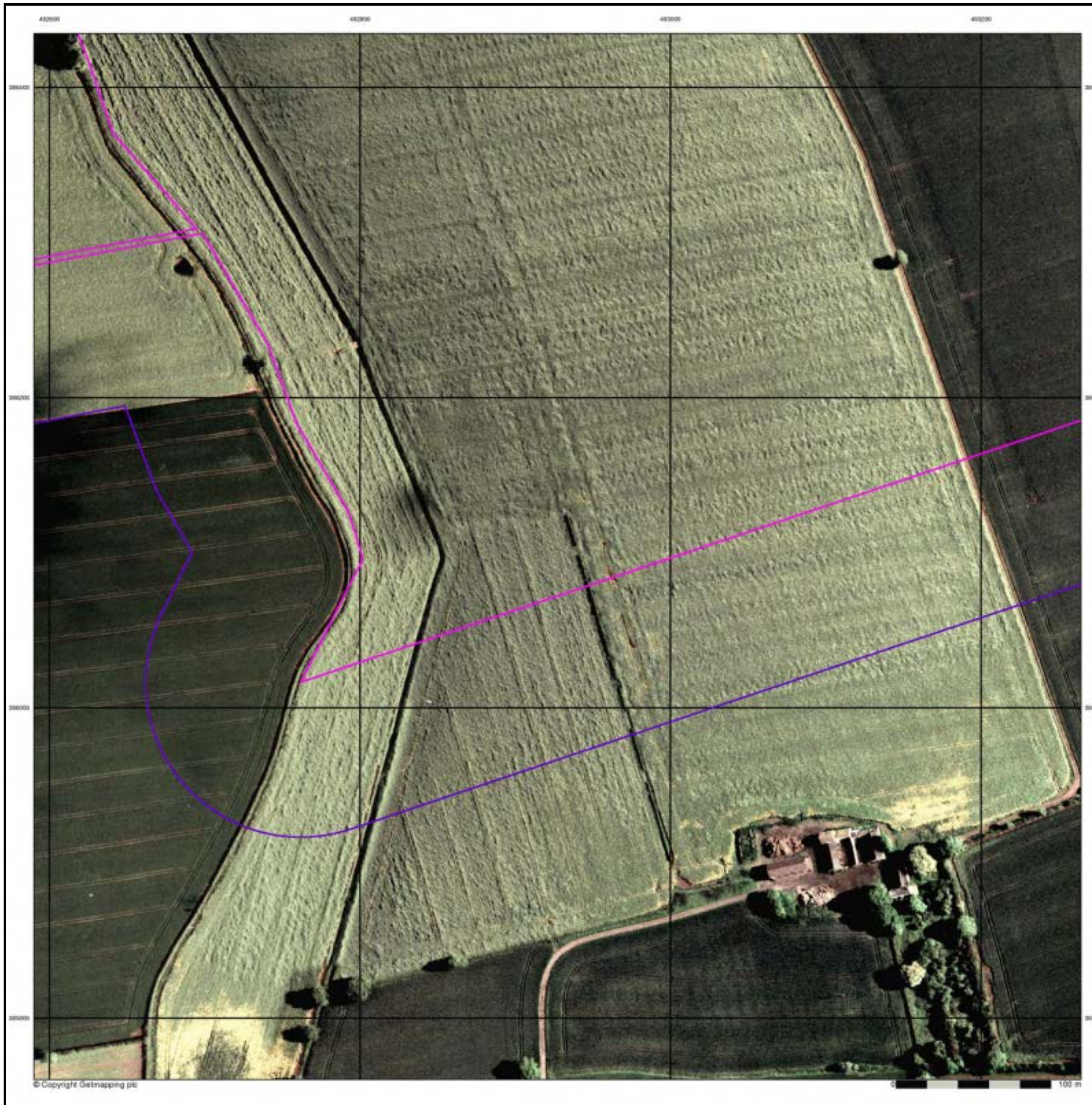


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



# 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**

**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**

**BM 231.60m** **Bench Mark** **Buildings with Building Seed**

**Roofed Building** **Glazed Roof Building**

**Civil parish/community boundary**

**District boundary**

**County boundary**

**Boundary post/stone**

**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**

**Bks** Barracks **P** Pillar, Pole or Post

**Bty** Battery **PO** Post Office

**Cemy** Cemetery **PC** Public Convenience

**Chy** Chimney **Pp** Pump

**Cis** Cistern **Ppg Sta** Pumping Station

**Dismtd Rly** Dismantled Railway **PW** Place of Worship

**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)

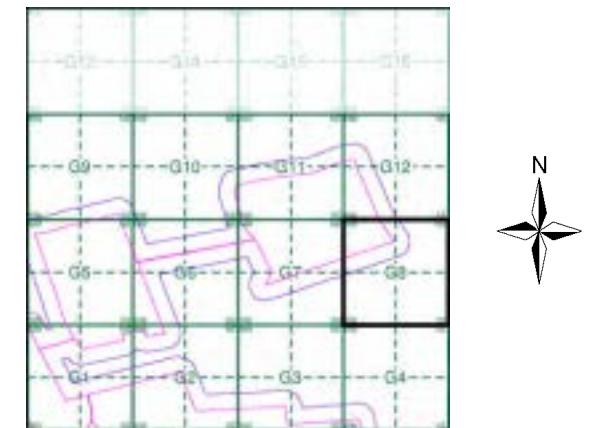
**MP, MS** Mile Post or Mile Stone **W** Well



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment G8



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

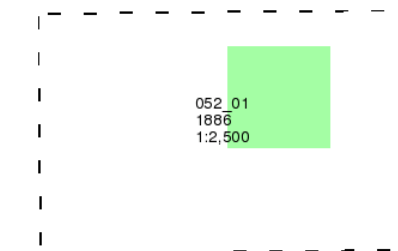
## Lincolnshire

Published 1886

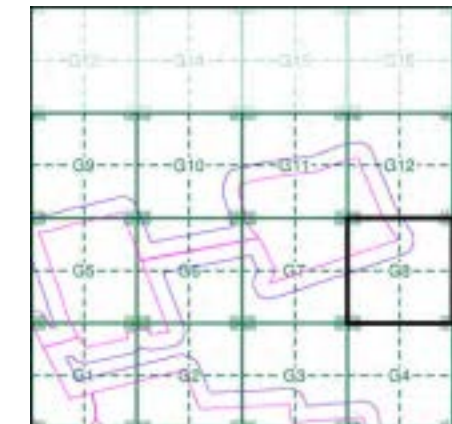
Source map scale - 1:2,500

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 G8

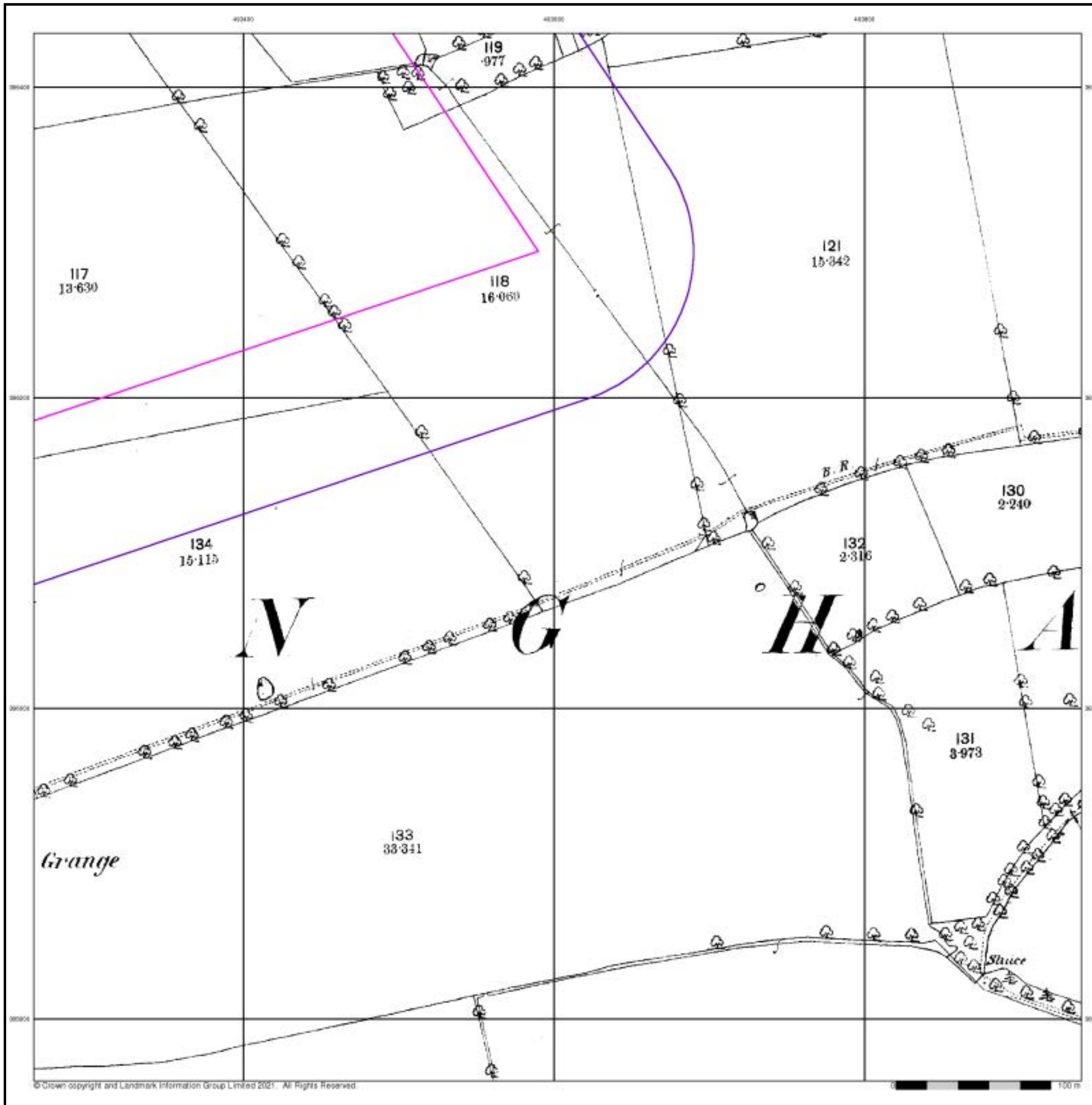


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



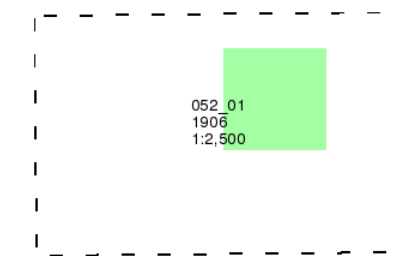
**Lincolnshire**

**Published 1906**

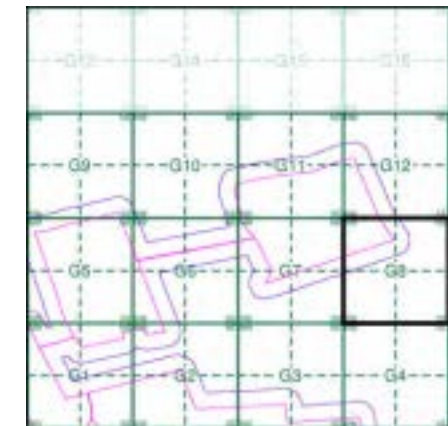
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment G8**

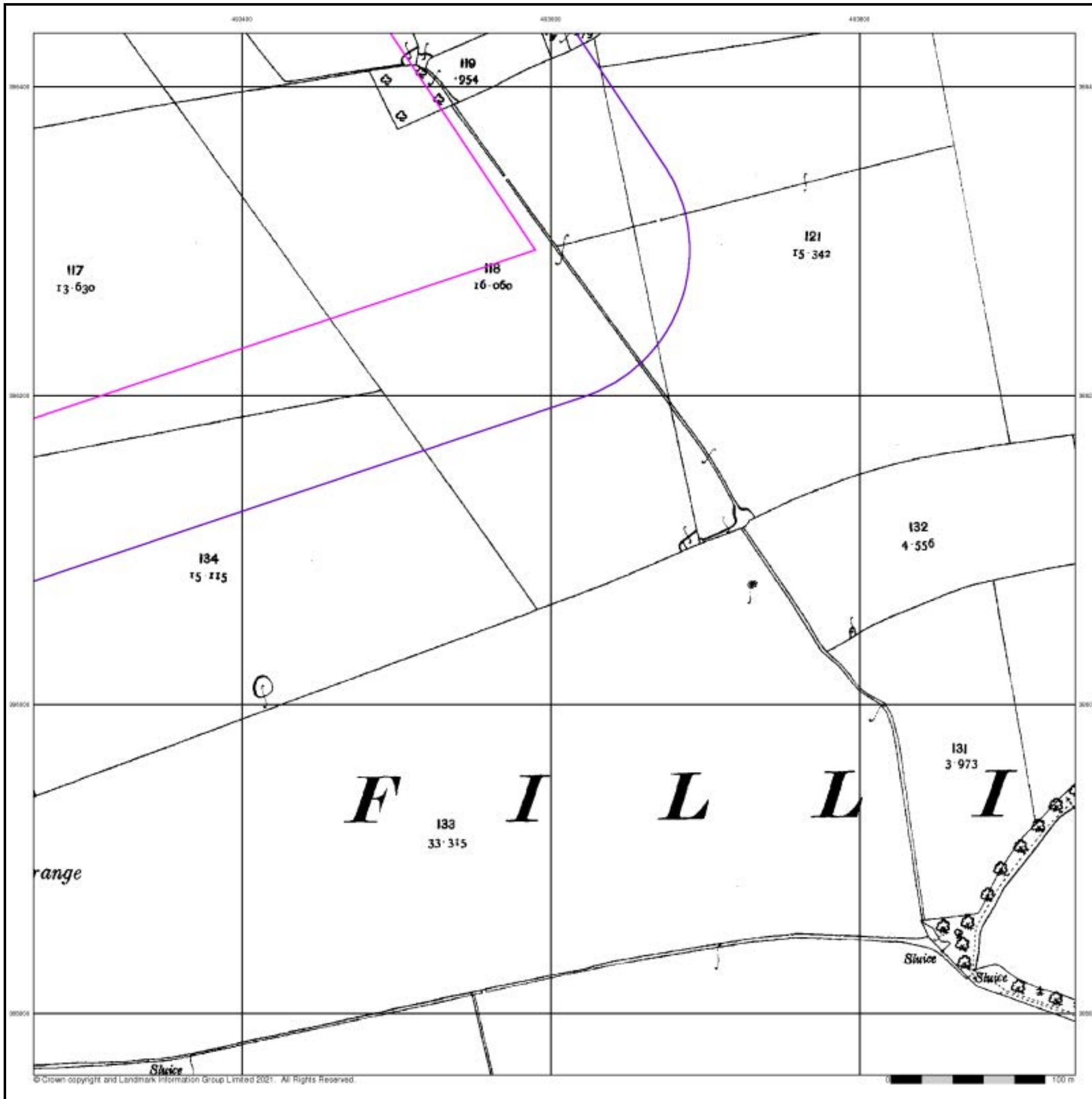


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Ordnance Survey Plan

Published 1974

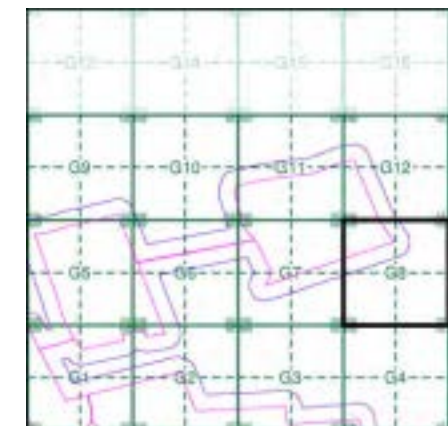
Source map scale - 1:2,500

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)

SK9386	1974	1:2,500
SK9385	1974	1:2,500

### Historical Map - Segment G8

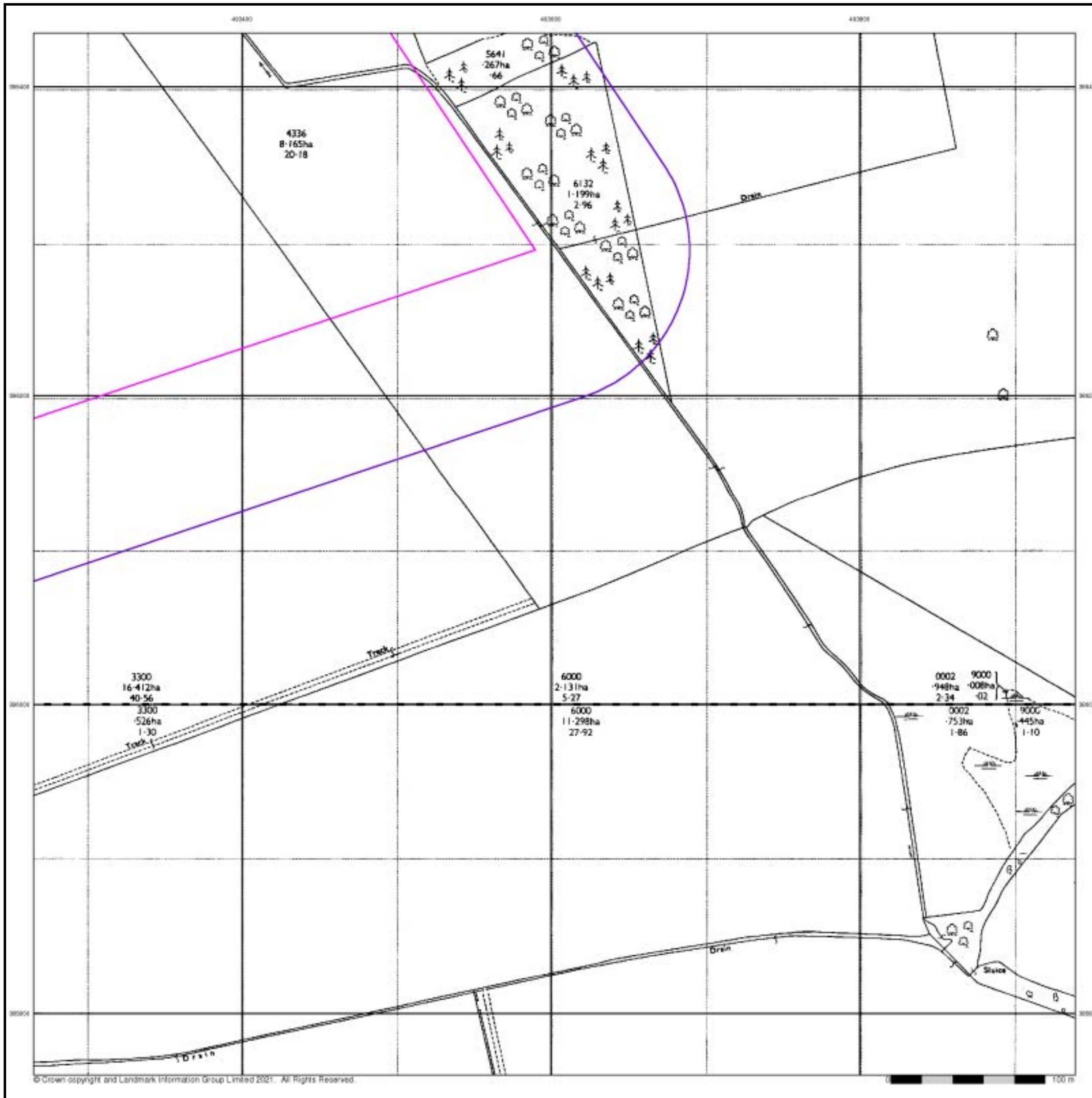


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





## Large-Scale National Grid Data

Published 1994

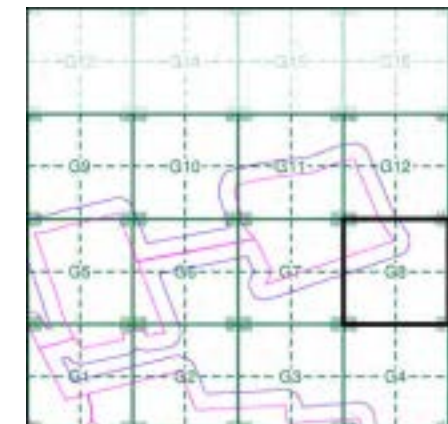
Source map scale - 1:2,500

'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)

SK9386	1994	1:2,500
SK9385	1994	1:2,500

### Historical Map - Segment G8

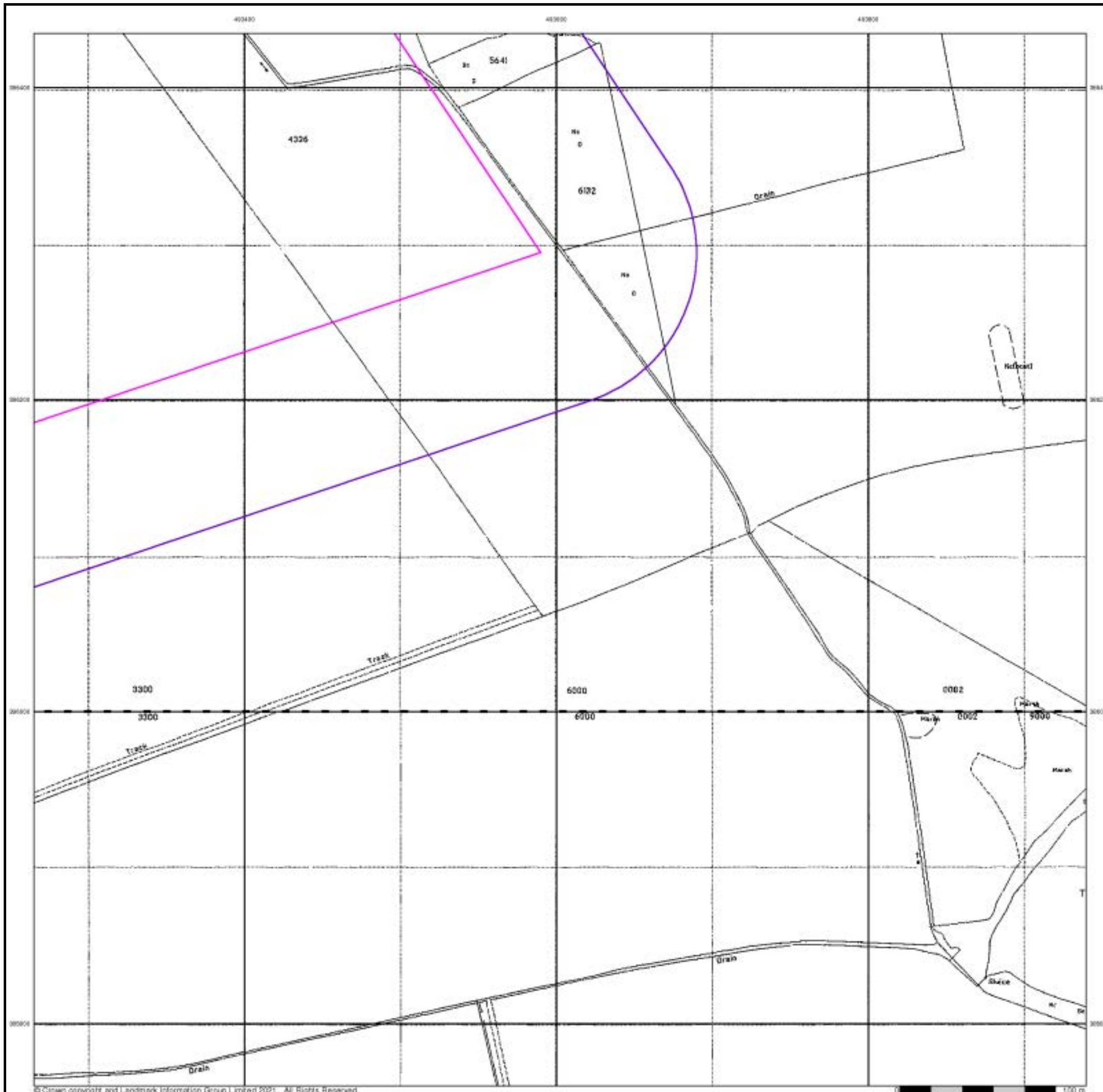


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

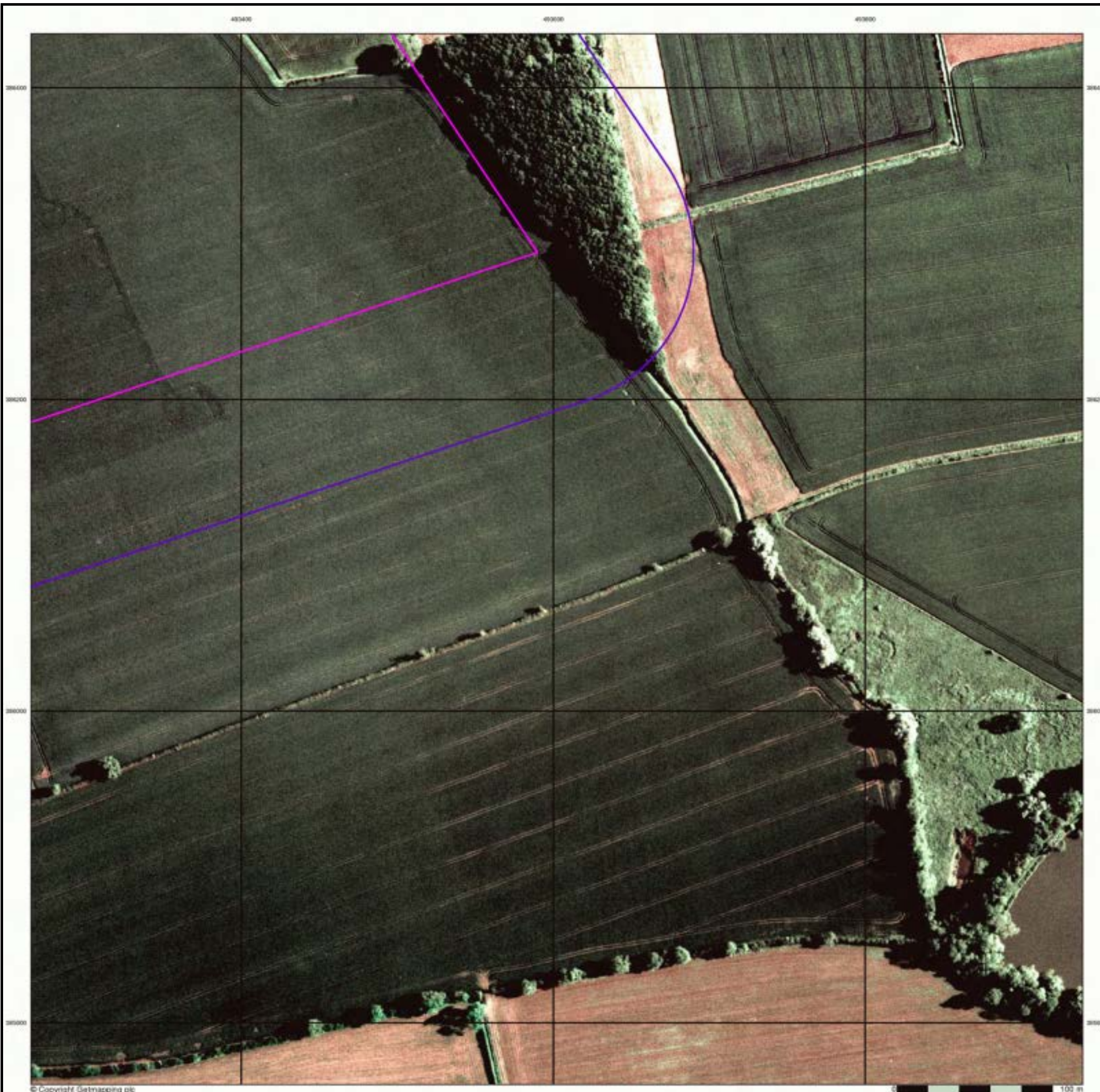
Cottam 1



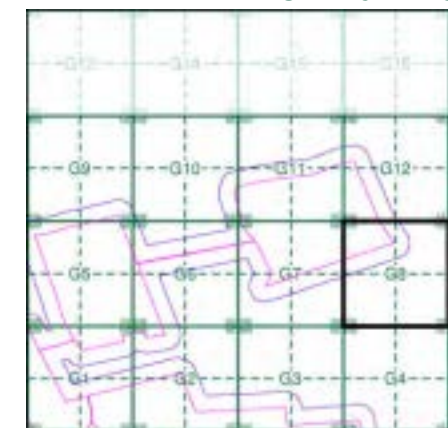
## Historical Aerial Photography

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 G8



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

# Historical Mapping Legends

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

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

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

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

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

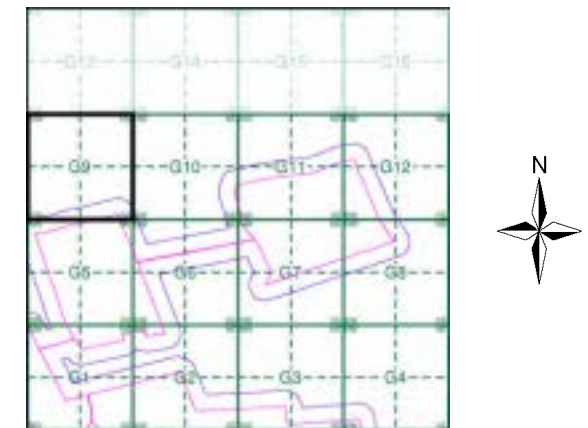
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
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**Rough Grassland**   **Heath**   **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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment G9



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

**Lincolnshire**

**Published 1886**

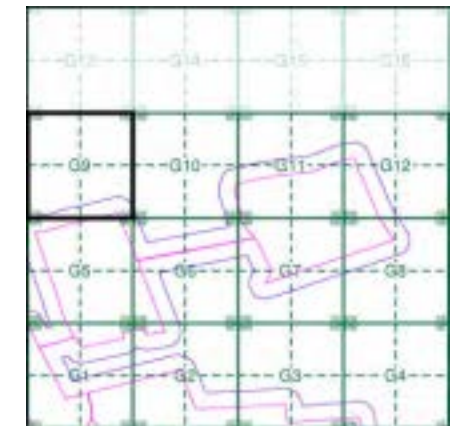
**Source map scale - 1:2,500**

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)**

043_16	1886	1:2,500
051_04	1886	1:2,500

**Historical Map - Segment G9**

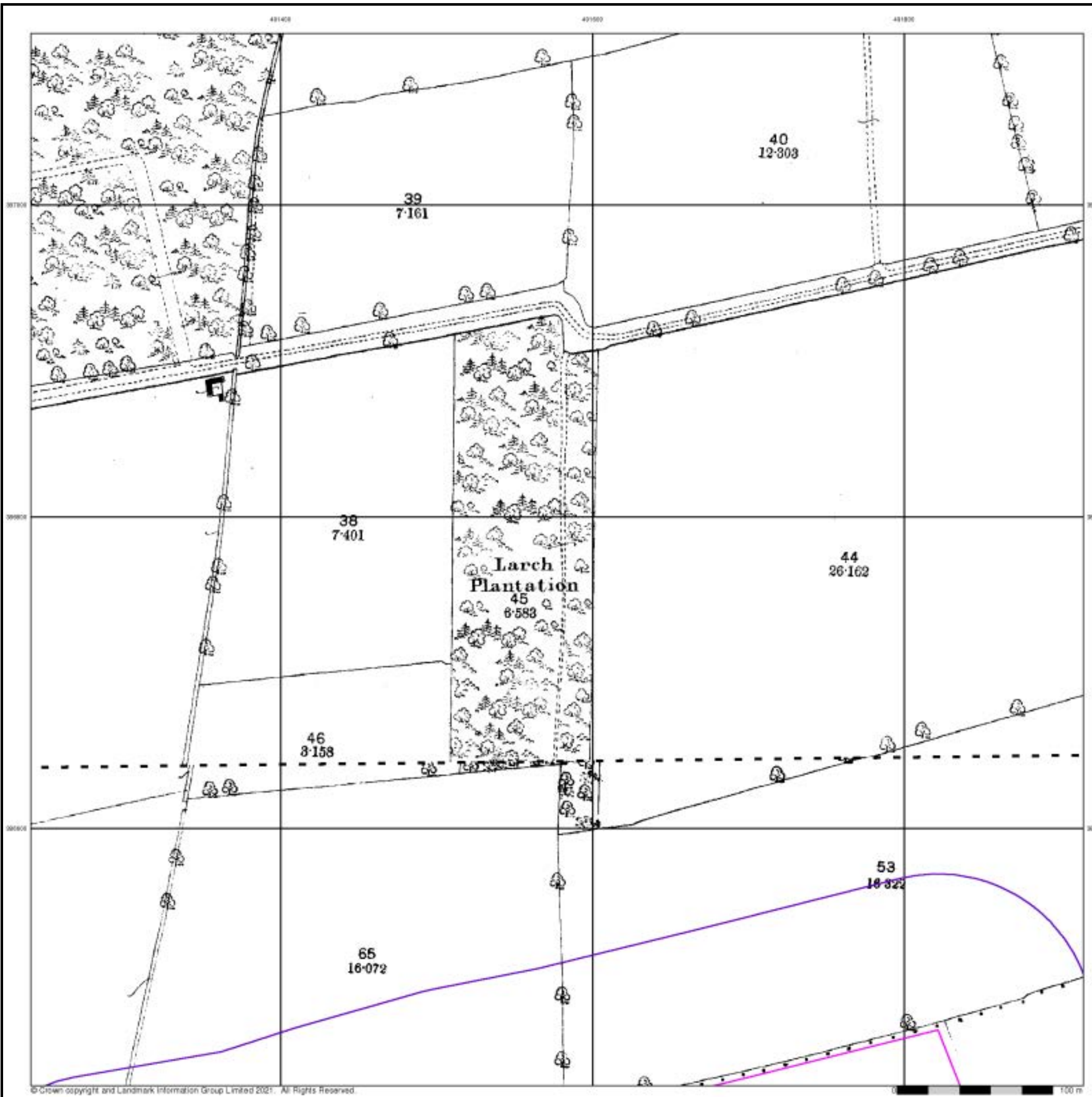


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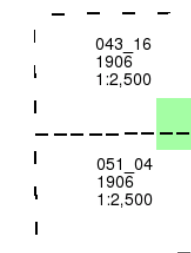
**Lincolnshire**

**Published 1906**

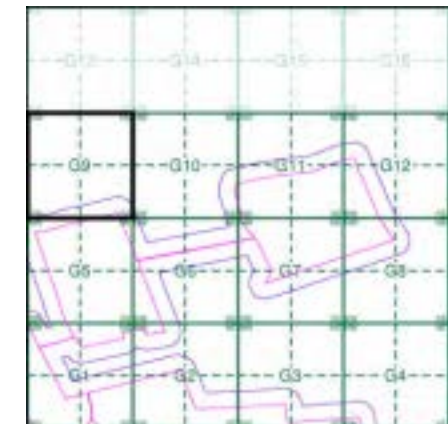
**Source map scale - 1:2,500**

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**Map Name(s) and Date(s)**



**Historical Map - Segment G9**

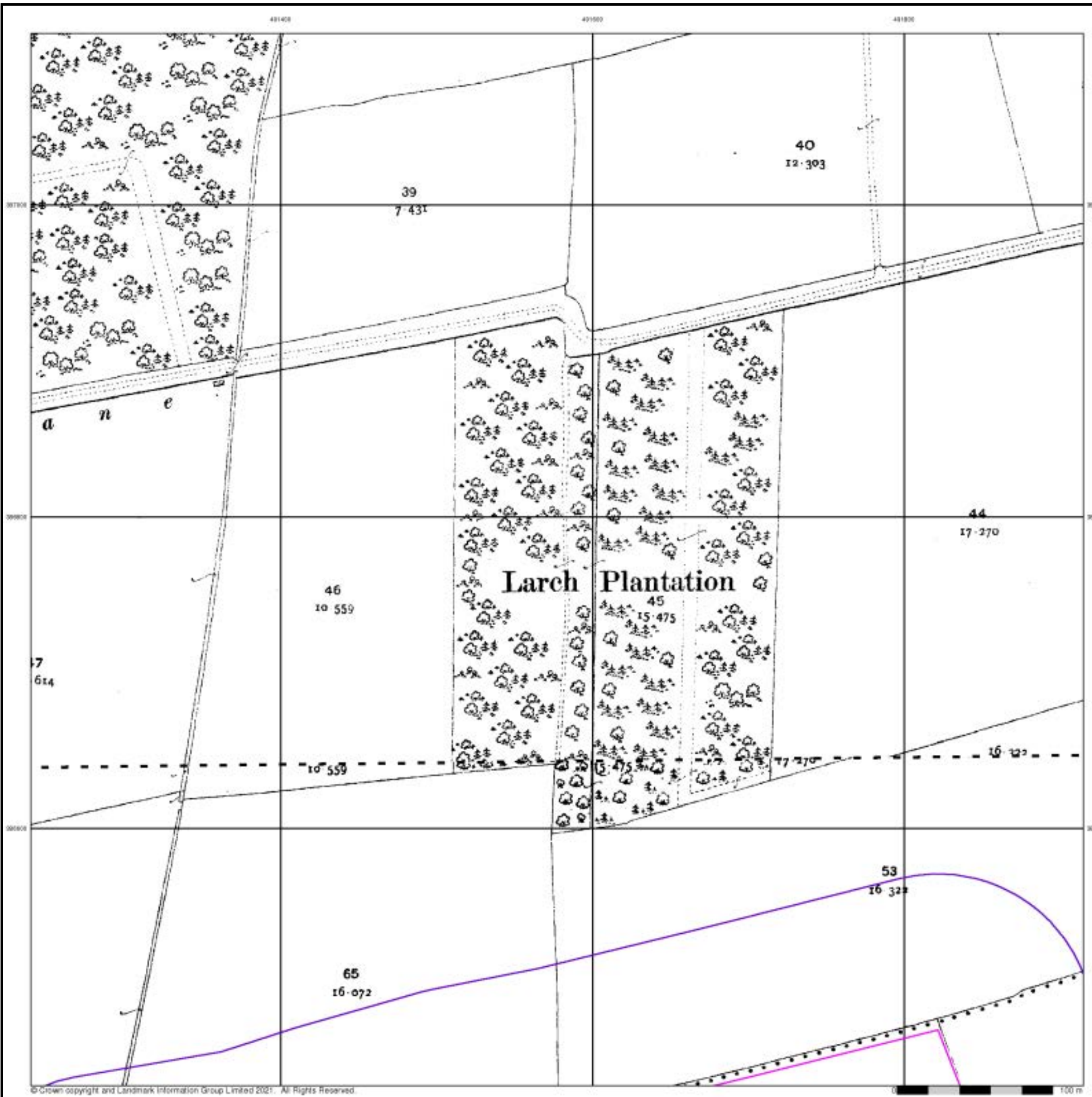


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 National Grid Reference: 492430, 386010  
 Slice: G  
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**Site Details**

Cottam 1



### Ordnance Survey Plan

Published 1974

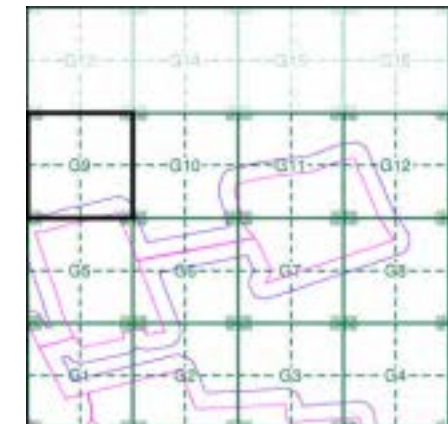
Source map scale - 1:2,500

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

SK9187	1974	1:2,500
SK9186	1974	1:2,500

### Historical Map - Segment G9

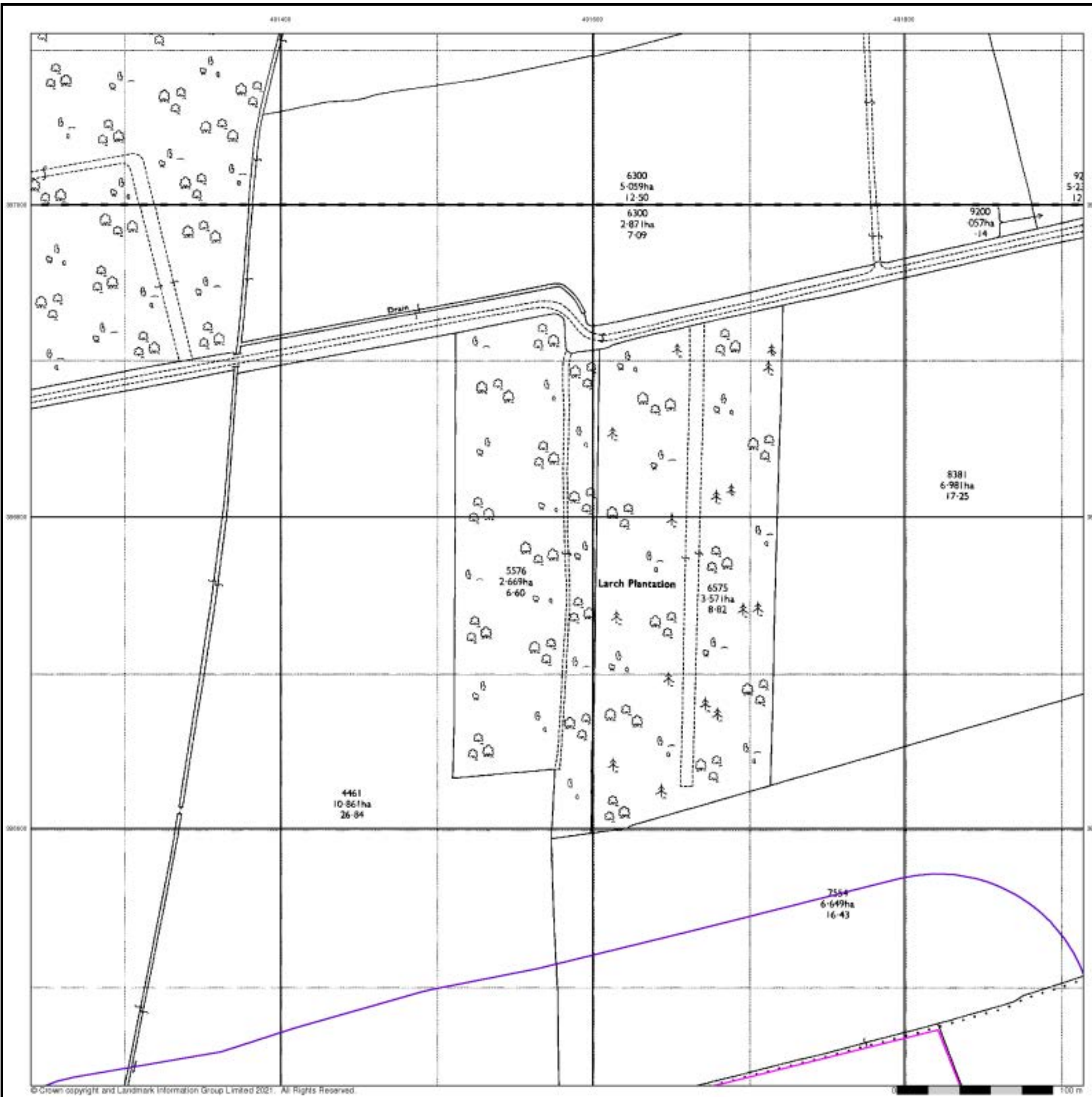


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### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

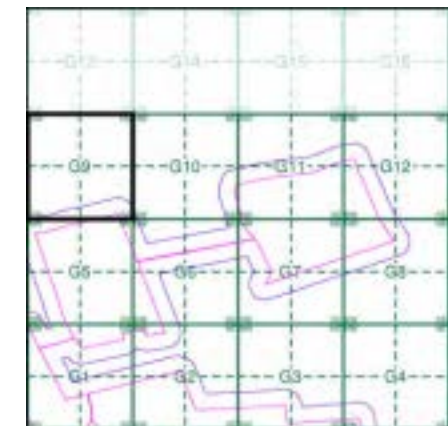
Source map scale - 1:2,500

'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)

SK9187	1994	1:2,500
SK9186	1994	1:2,500

### Historical Map - Segment G9

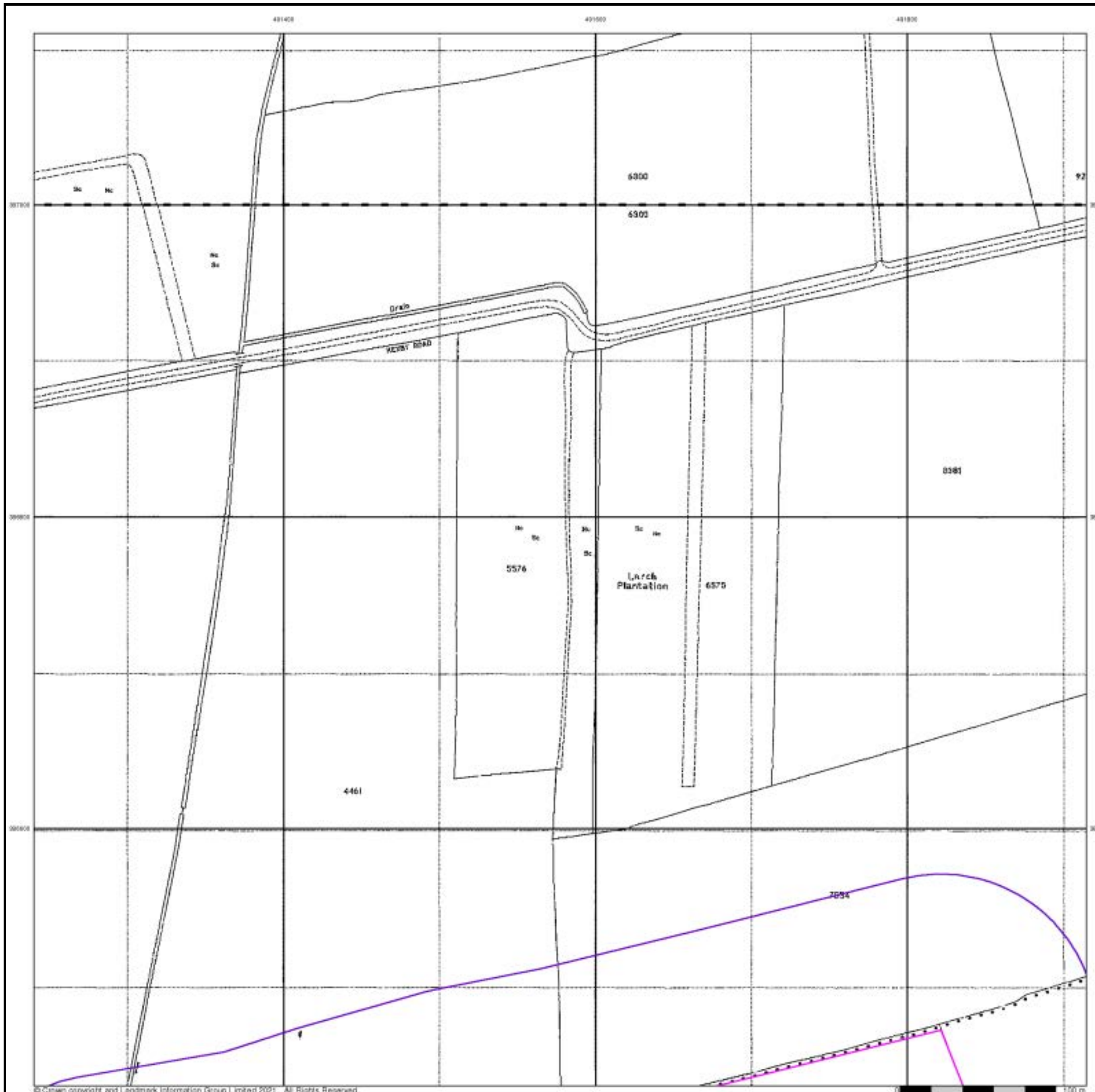


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Cottam 1



491430 491000 491000



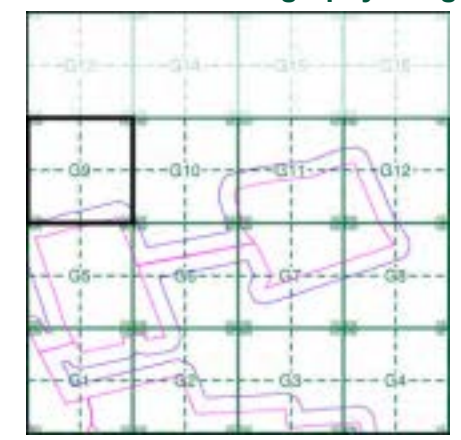
387000  
386000  
385000



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# Historical Mapping Legends

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

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**Electricity Transmission Line**  
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## Large-Scale National Grid Data 1:2,500 and 1:1,250

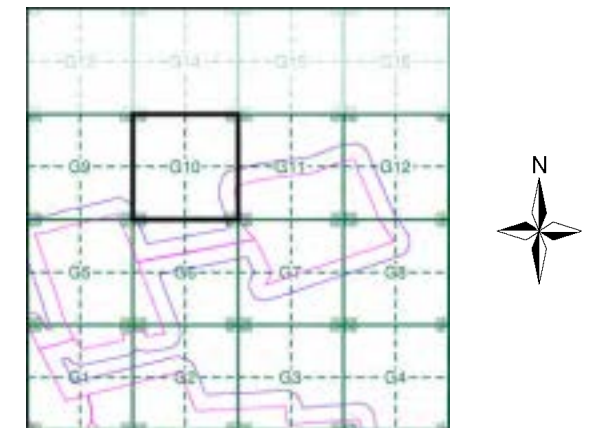
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
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**Cis** Cistern   **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway   **PW** Place of 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  
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## Historical Mapping & Photography included:

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Large-Scale National Grid Data	1:2,500	1994	5
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## Historical Map - Segment G10



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 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

**Lincolnshire**

**Published 1886**

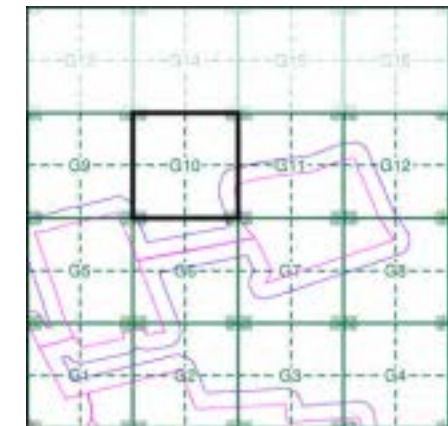
**Source map scale - 1:2,500**

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**Map Name(s) and Date(s)**

043_16 1886 1:2,500	044_13 1886 1:2,500
051_04 1886 1:2,500	052_01 1886 1:2,500

**Historical Map - Segment G10**

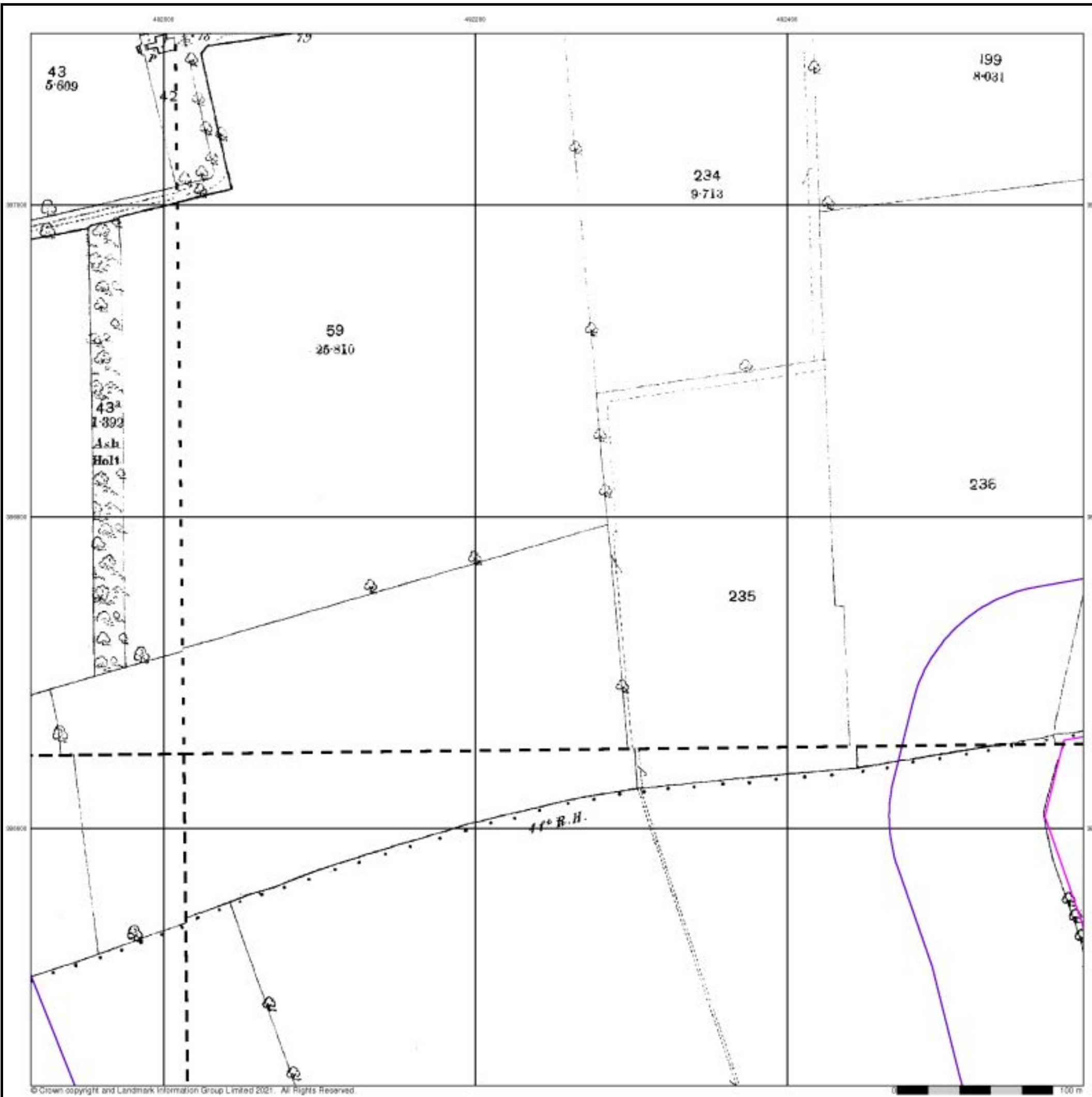


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**Site Details**

Cottam 1



## Lincolnshire

Published 1906

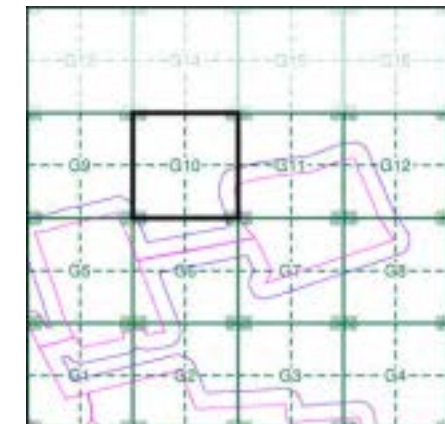
Source map scale - 1:2,500

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

043_16 1906 1:2,500	044_13 1906 1:2,500
051_04 1906 1:2,500	052_01 1906 1:2,500

### Historical Map - Segment G10

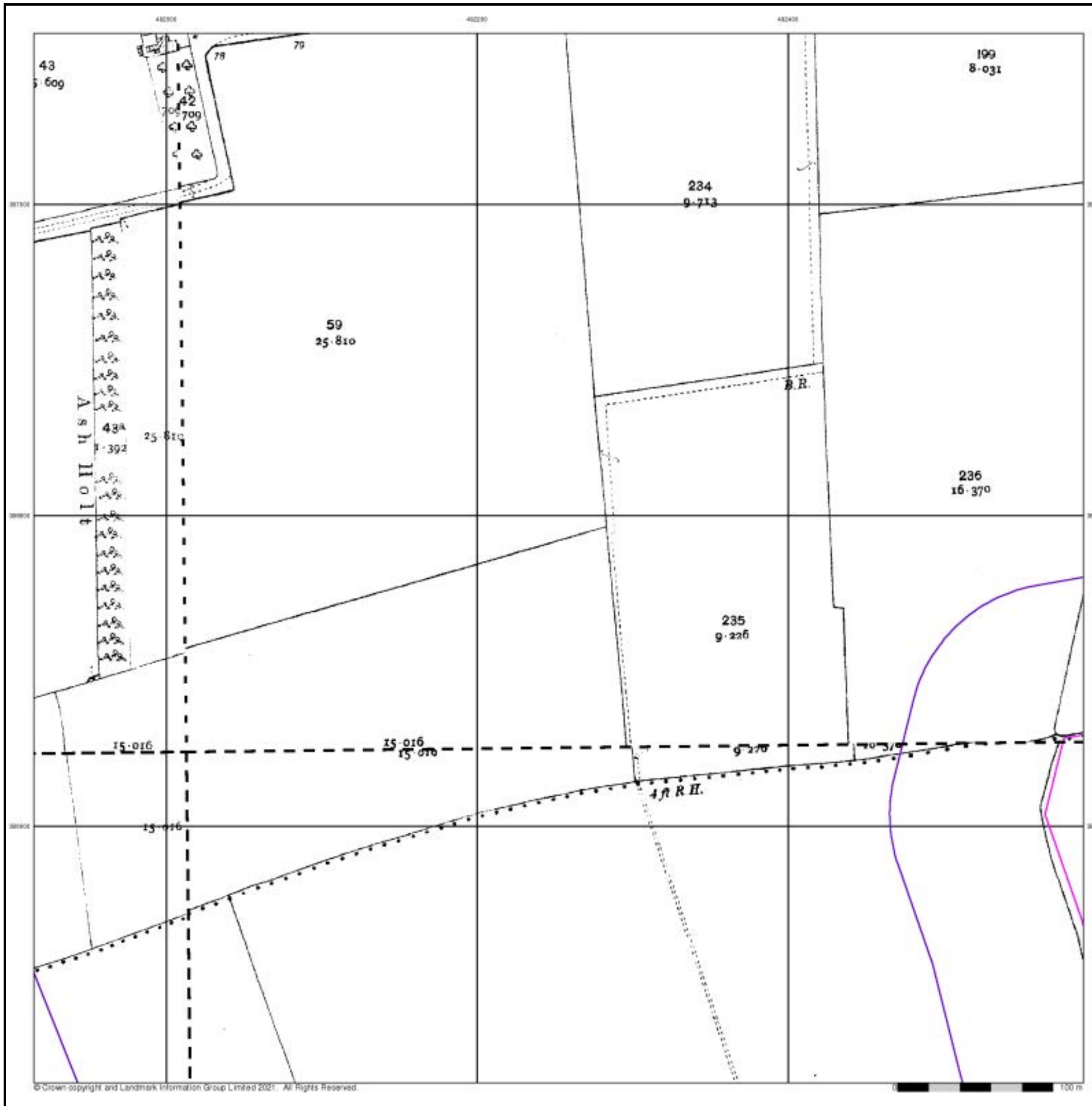


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Cottam 1



## Ordnance Survey Plan

Published 1974

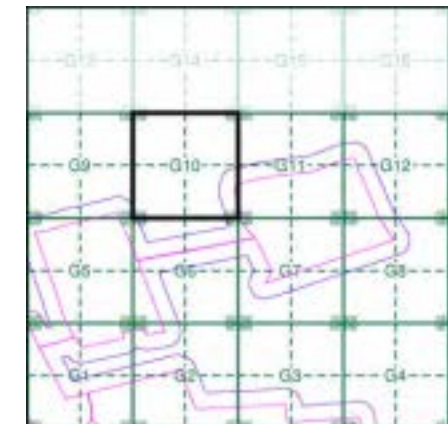
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### Map Name(s) and Date(s)

SK9187 1974 1:2,500	SK9287 1974 1:2,500
SK9186 1974 1:2,500	SK9286 1974 1:2,500

### Historical Map - Segment G10

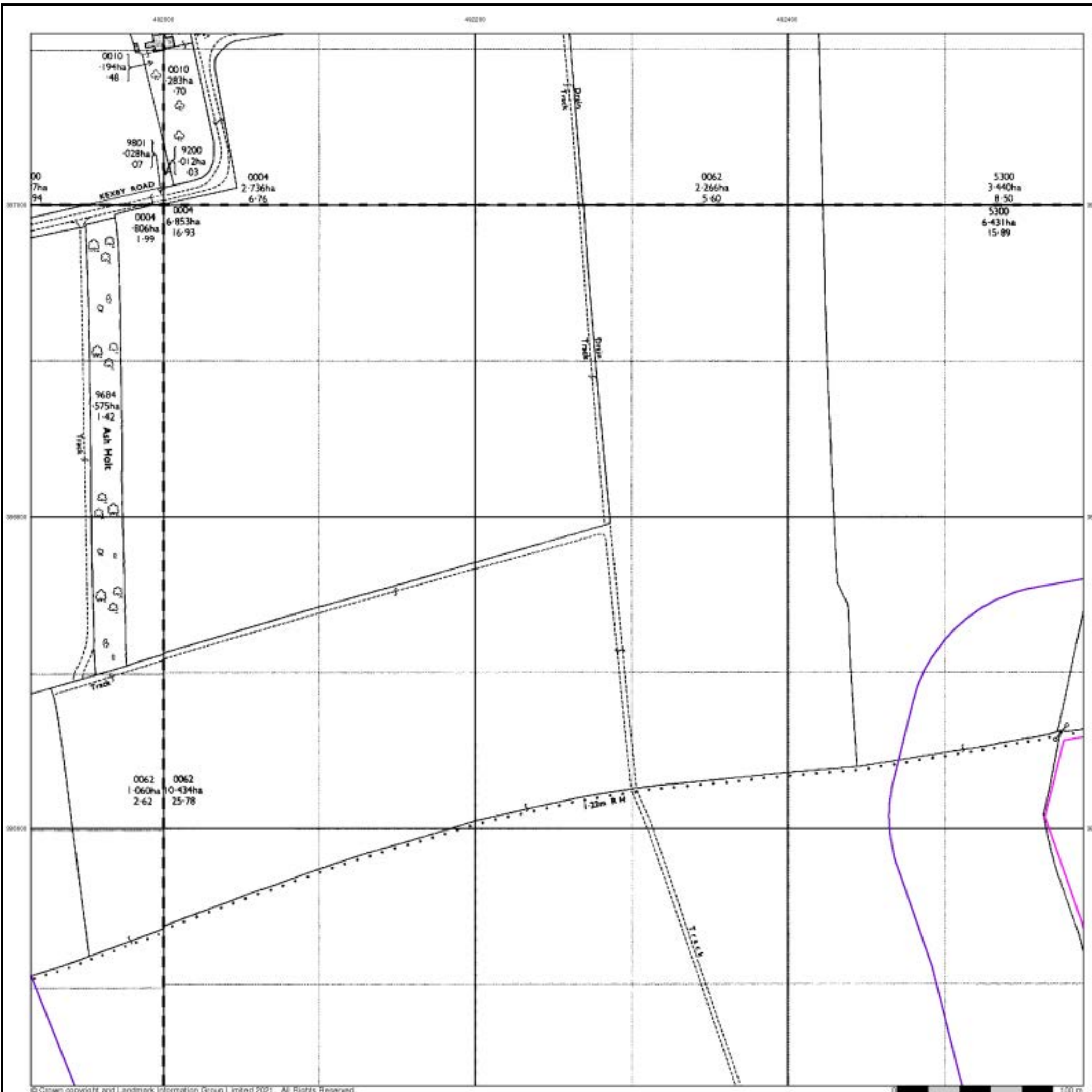


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## Large-Scale National Grid Data

Published 1994

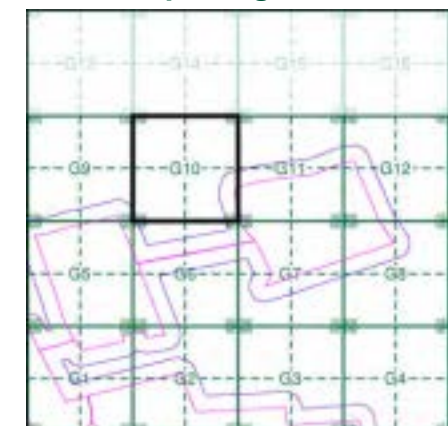
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### Map Name(s) and Date(s)

SK9187 1994 1:2,500	SK9287 1994 1:2,500
SK9186 1994 1:2,500	SK9286 1994 1:2,500

### Historical Map - Segment G10

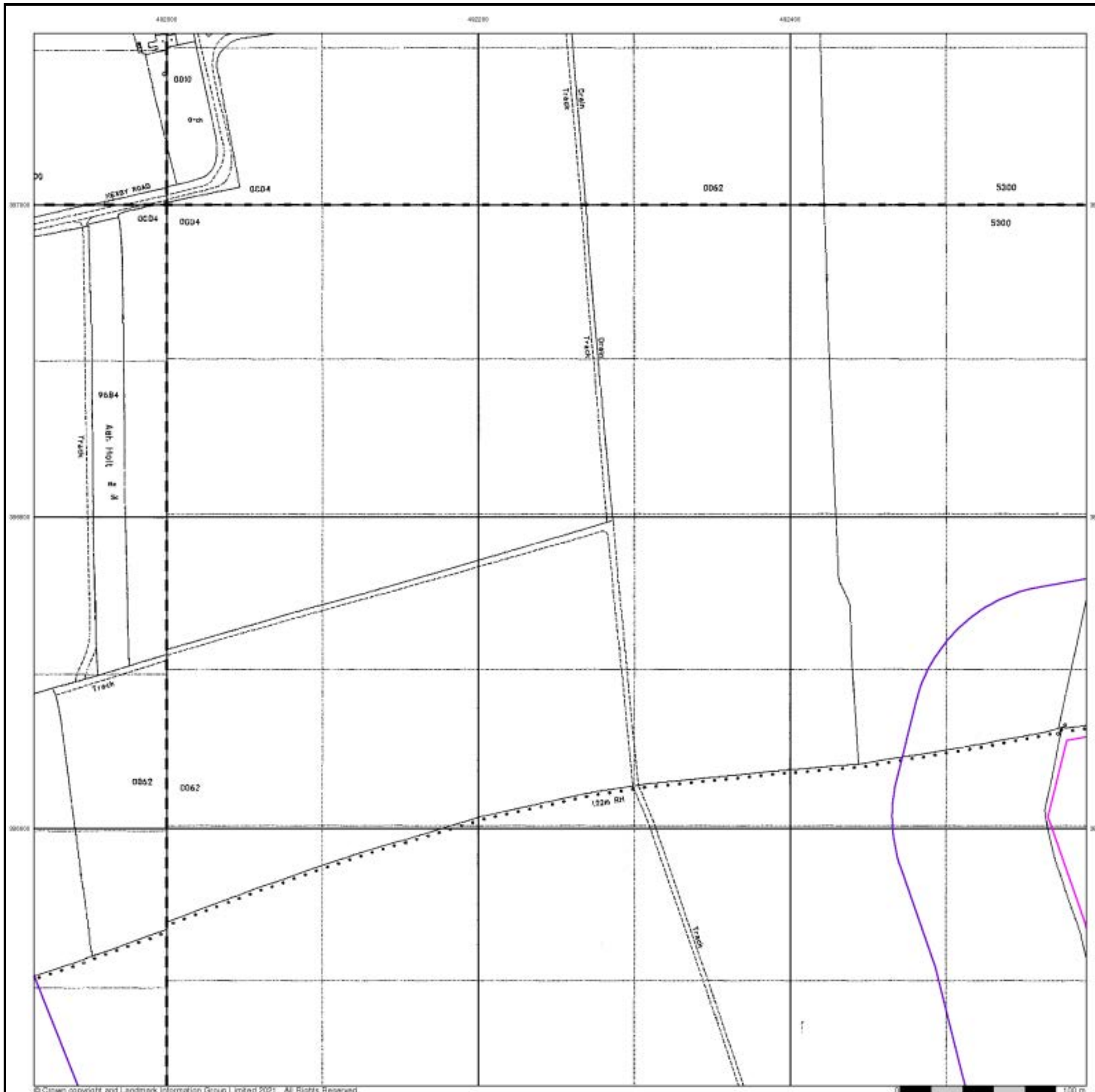


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

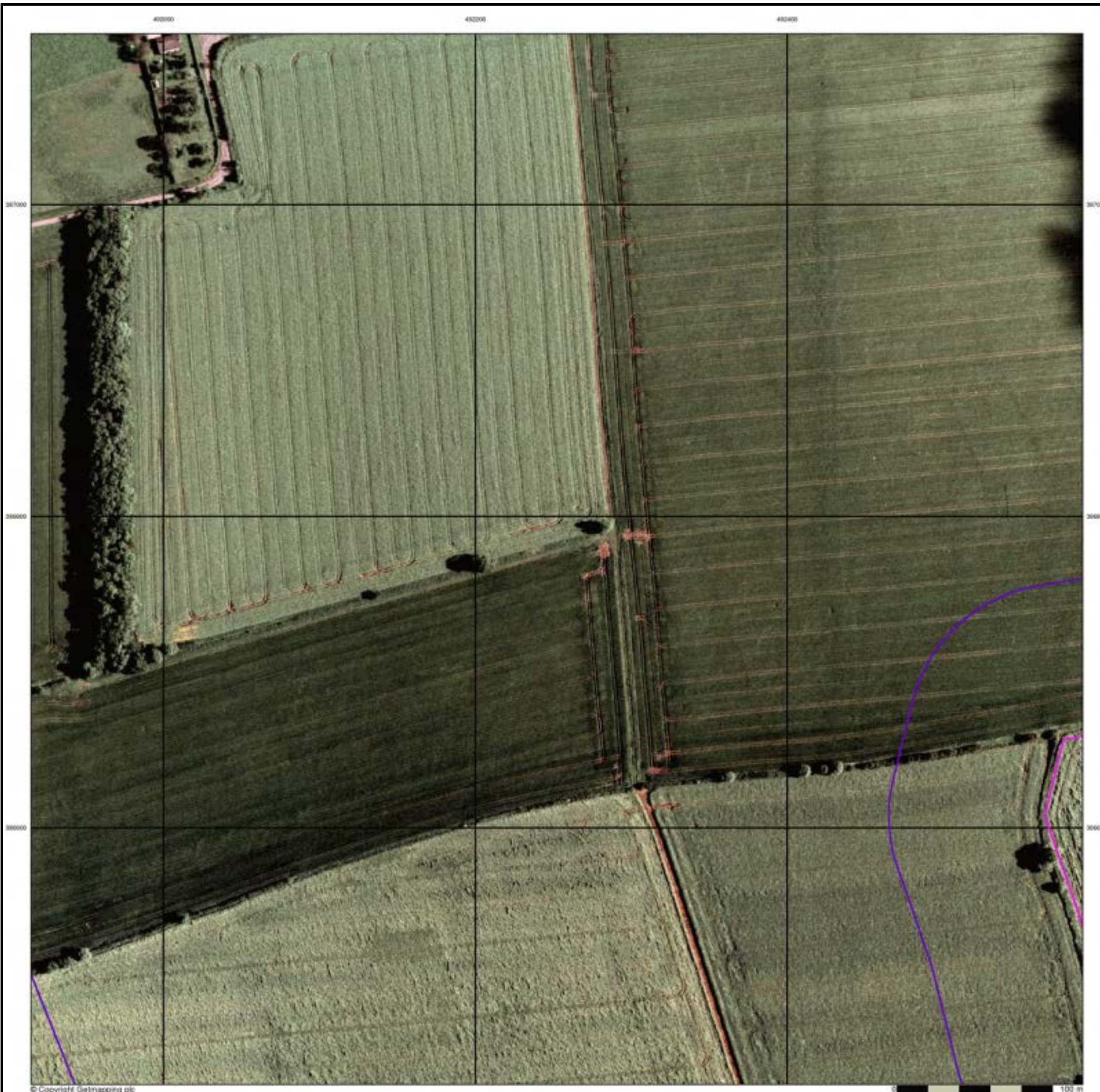
### Site Details

Cottam 1

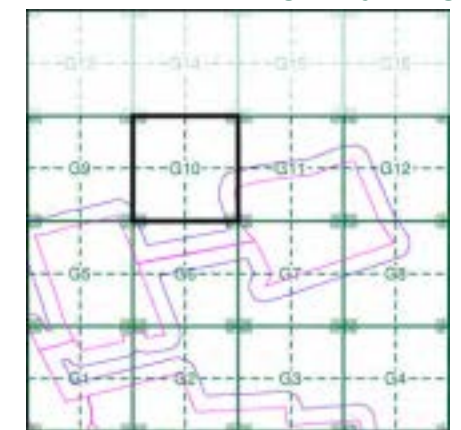


## Historical Aerial Photography Published 1999

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 G10



#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1

# Historical Mapping Legends

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

**Quarry**   **Gravel Pit**   **Sand Pit**  
**Clay Pit**   **Shingle**   **Refuse Heap**  
**Sloping Masonry**   **Flat Rock**  
**Marsh**   **Reeds**   **Osiers**  
**Rough Pasture**   **Furze**   **Wood**  
**Mixed Wood**   **Brushwood**   **Orchard**  
**Fir**   **Ford**   **Stepping Stones**  
**Ferry**   **Waterfall**   **Lock**  
**Trig. Station**   **Altitude at Trig. Station**  
**B.M. 325.9**   **Bench Mark**   **Surface Level**  
**Arrow denotes flow of water**   **Antiquities (site of)**  
**Cutting**   **Embankment**  
**Railway crossing Road**   **Level Crossing**   **Road crossing Railway**  
**Railway crossing River or Canal**   **Road over single stream**   **Road over River or Canal**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Administrative County & Civil Parish Boundary**  
**County Borough Boundary (England)**  
**County Burgh Boundary (Scotland)**  
**Boundary Post or Stone**   **Police Call Box**  
**B.R. Bridle Road**   **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

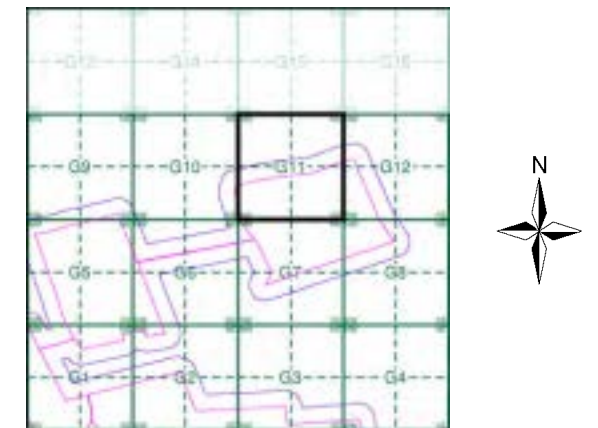
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment G11



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

## Lincolnshire

Published 1886

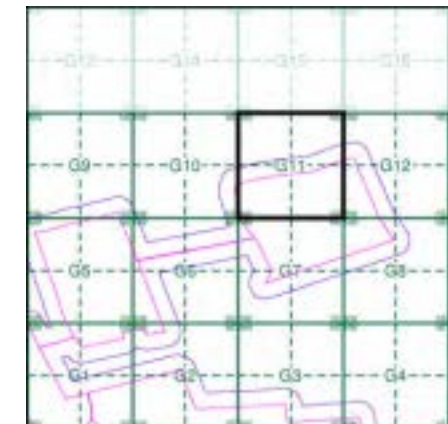
Source map scale - 1:2,500

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)

044_13
1886
1:2,500
052_01
1886
1:2,500

### Historical Map - Segment G11

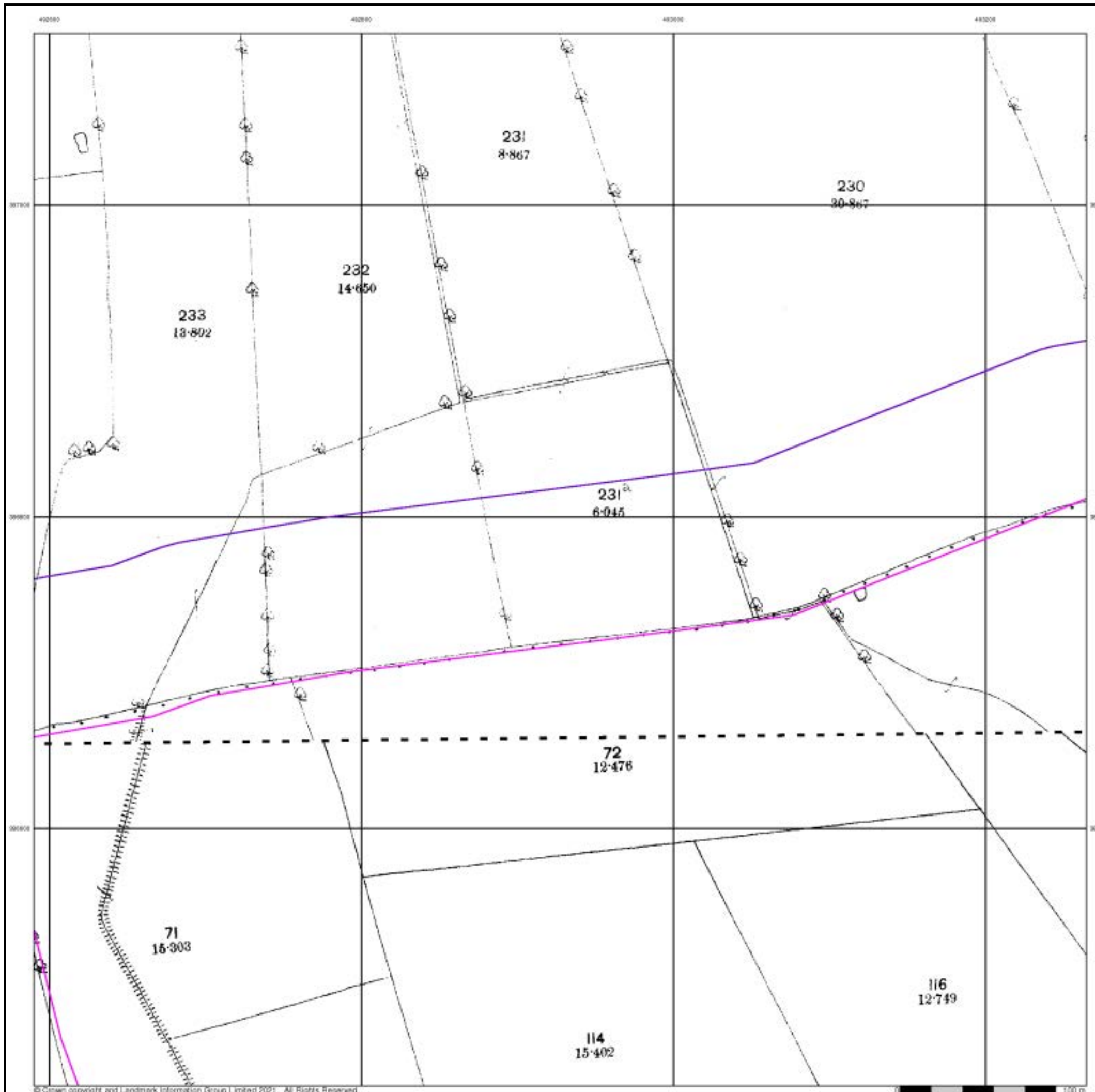


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





**Lincolnshire**

**Published 1906**

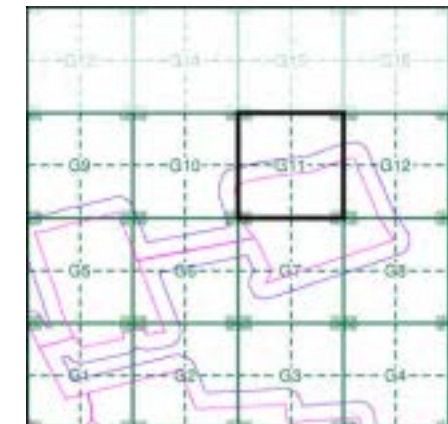
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**

044_13
1906
1:2,500
052_01
1906
1:2,500

**Historical Map - Segment G11**

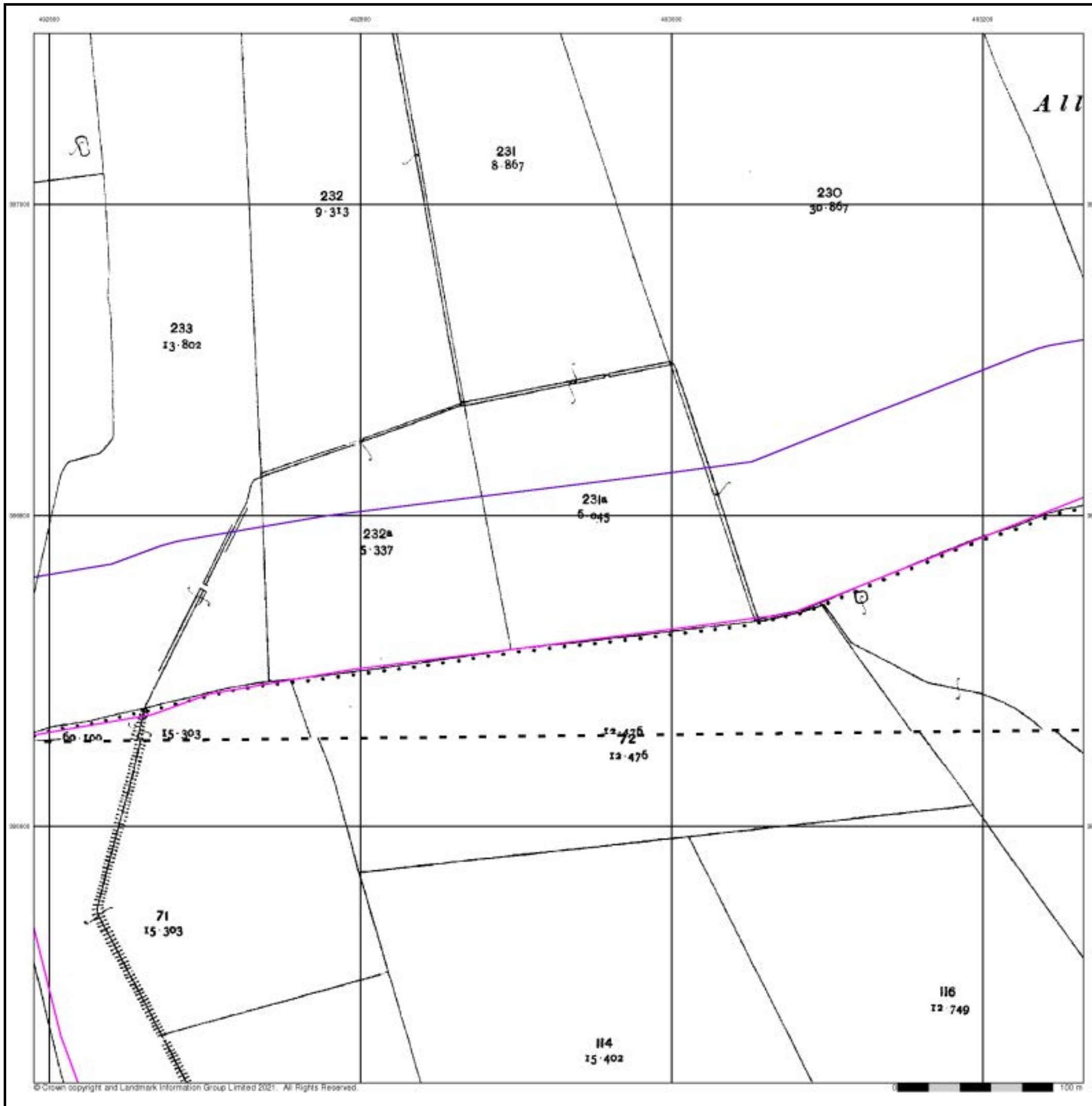


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



## Ordnance Survey Plan

Published 1974

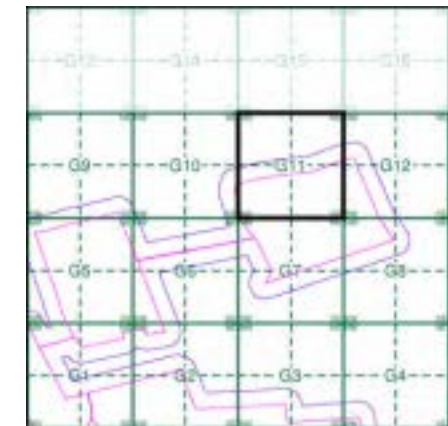
Source map scale - 1:2,500

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)

SK9287 1974 1:2,500	SK9387 1974 1:2,500
SK9286 1974 1:2,500	SK9386 1974 1:2,500

### Historical Map - Segment G11

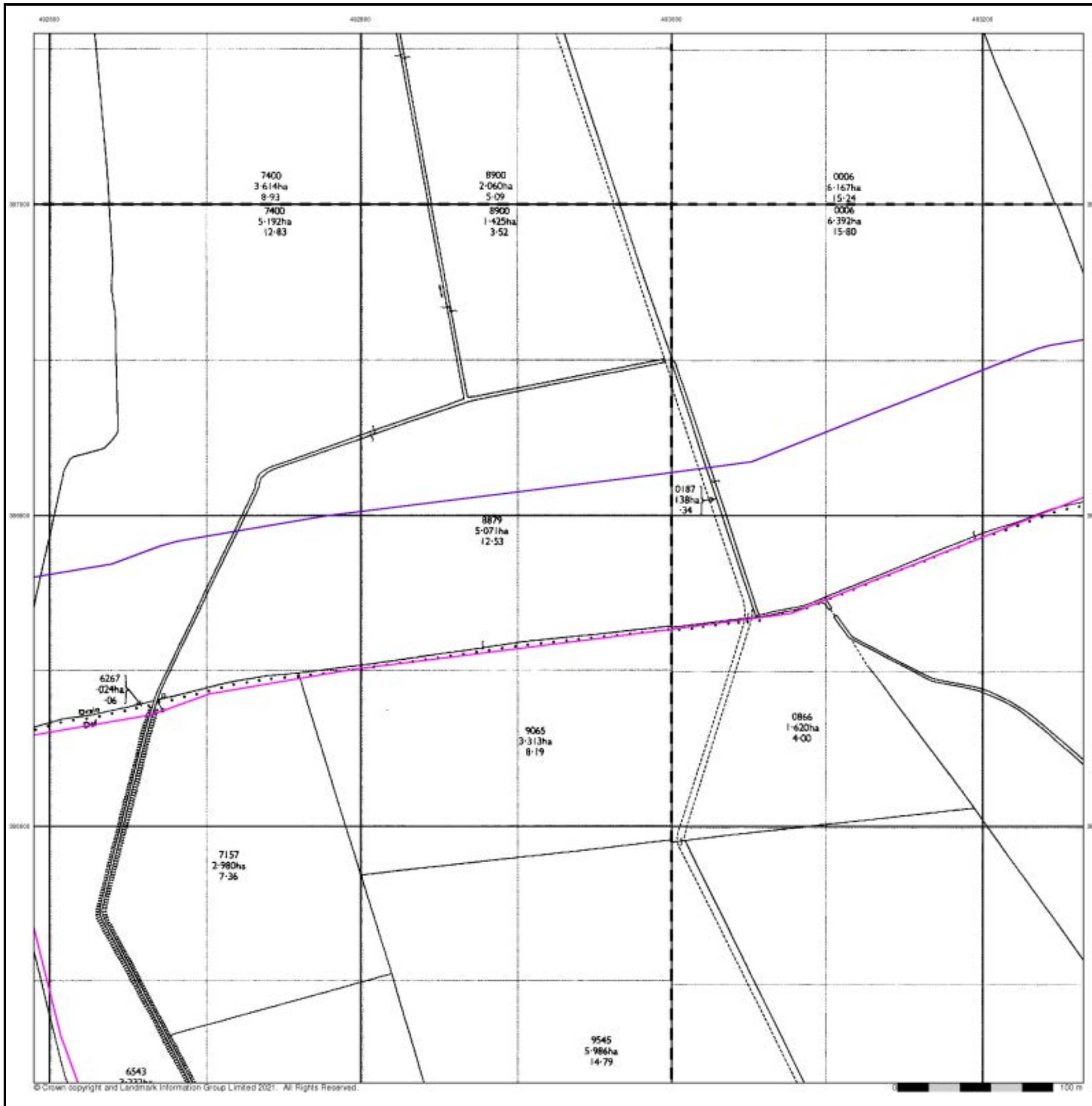


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1



## Large-Scale National Grid Data

Published 1994

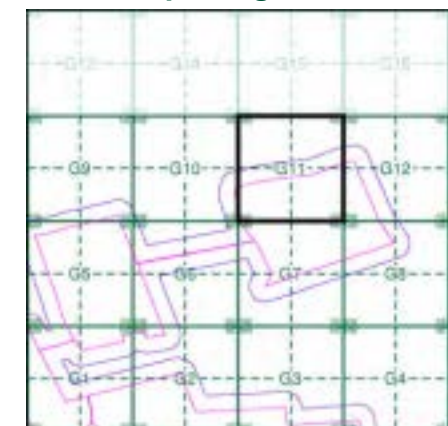
Source map scale - 1:2,500

'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)

SK9287	SK9387
1994	1994
1:2,500	1:2,500
SK9286	SK9386
1994	1994
1:2,500	1:2,500

### Historical Map - Segment G11

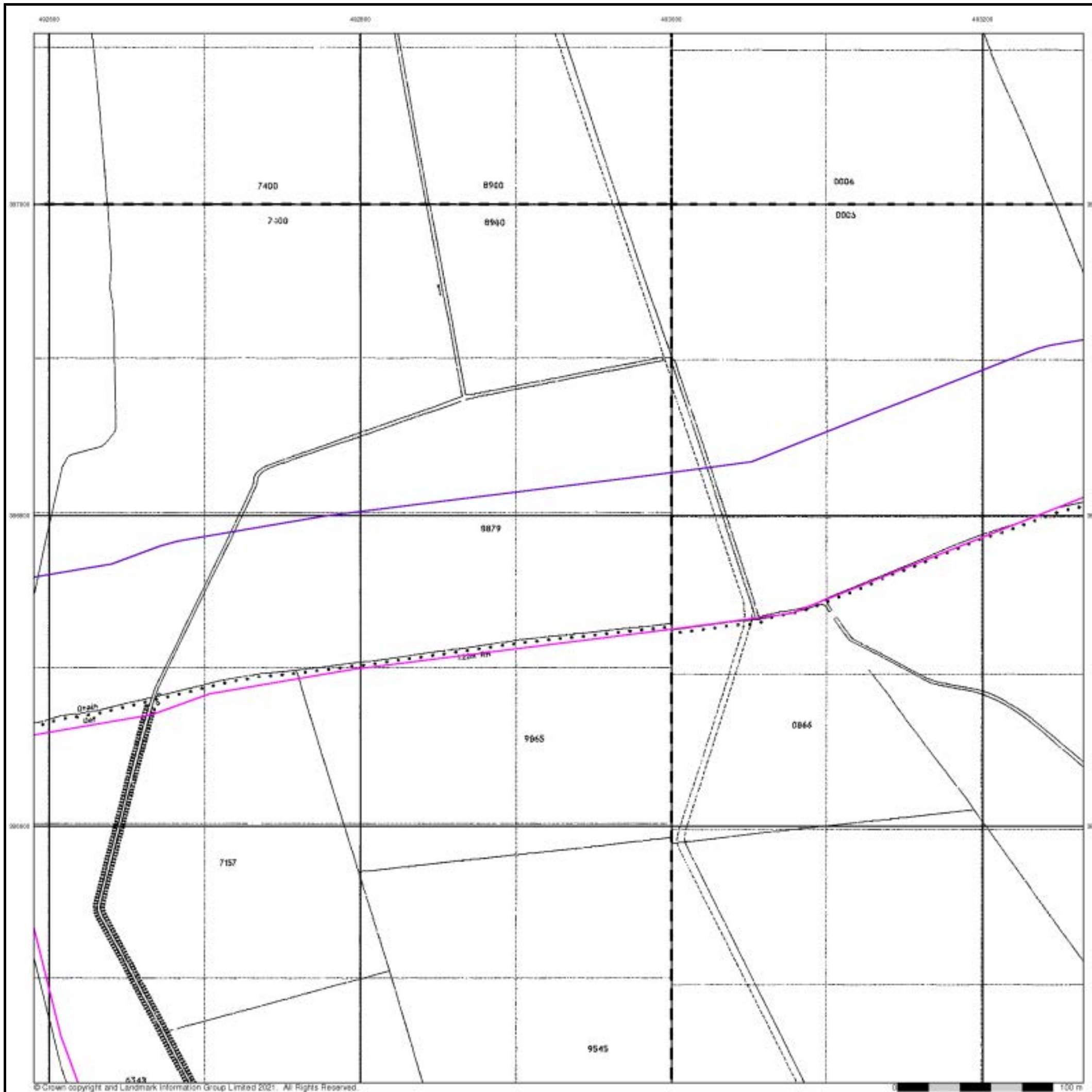


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

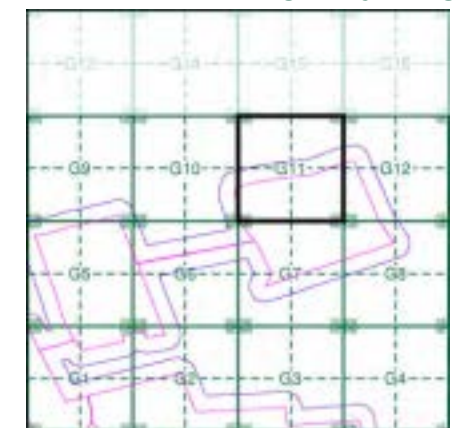


## Historical Aerial Photography

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 G11

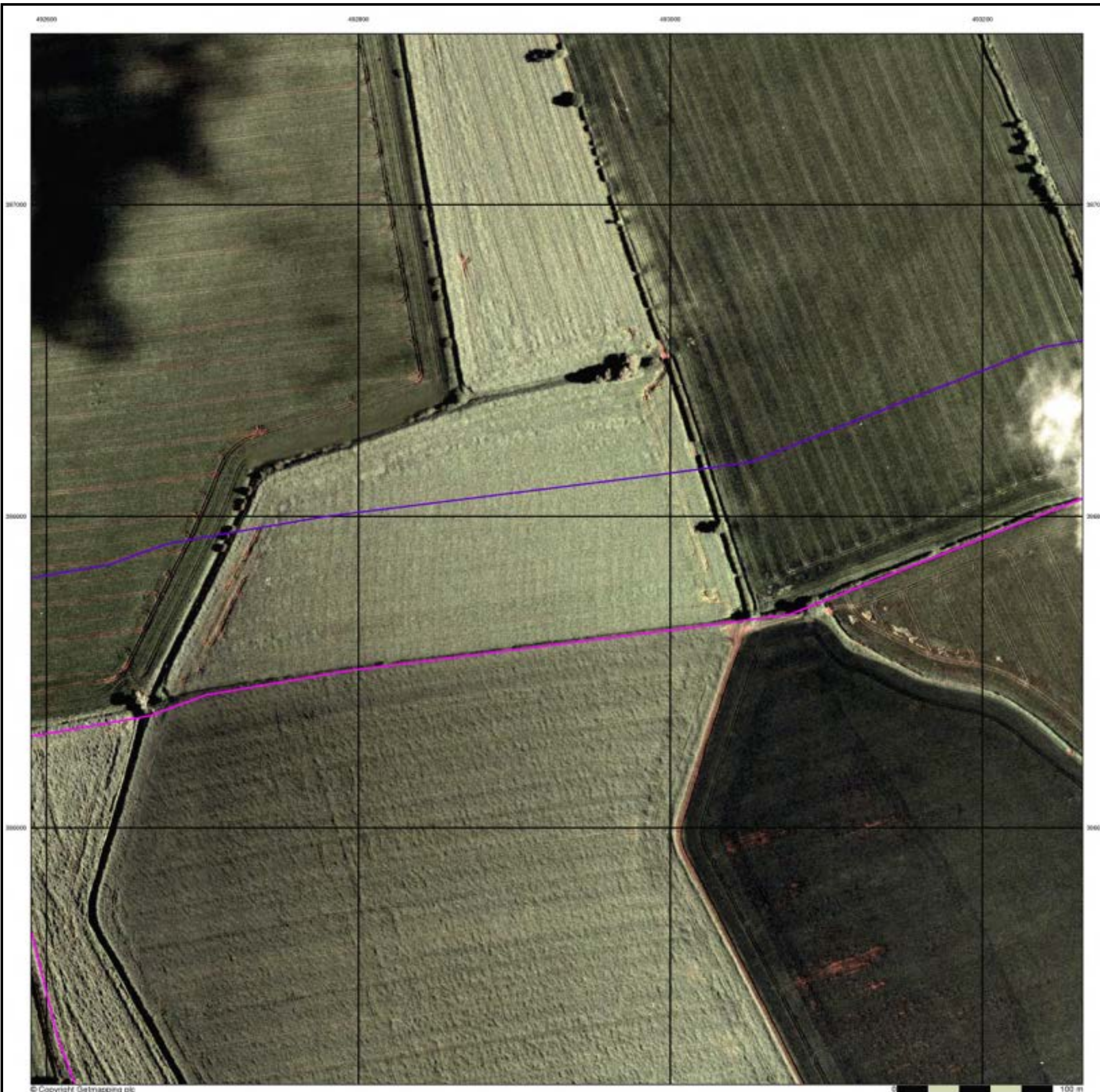


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

#### Site Details

Cottam 1



# 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

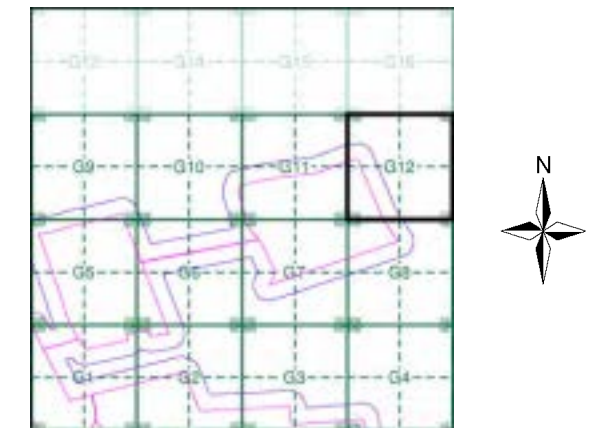
**Cliff**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **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
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

## Historical Map - Segment G12



## Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

## Site Details

Cottam 1



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

**Lincolnshire**

**Published 1886**

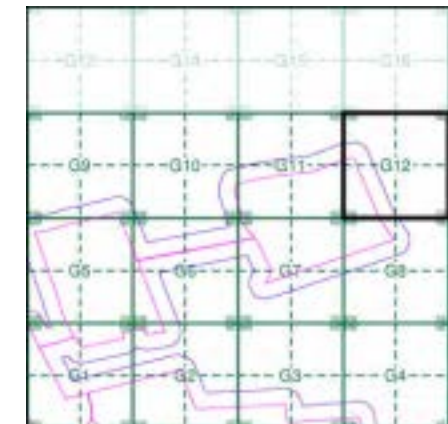
**Source map scale - 1:2,500**

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)**

044_13	1886	1:2,500
052_01	1886	1:2,500

**Historical Map - Segment G12**

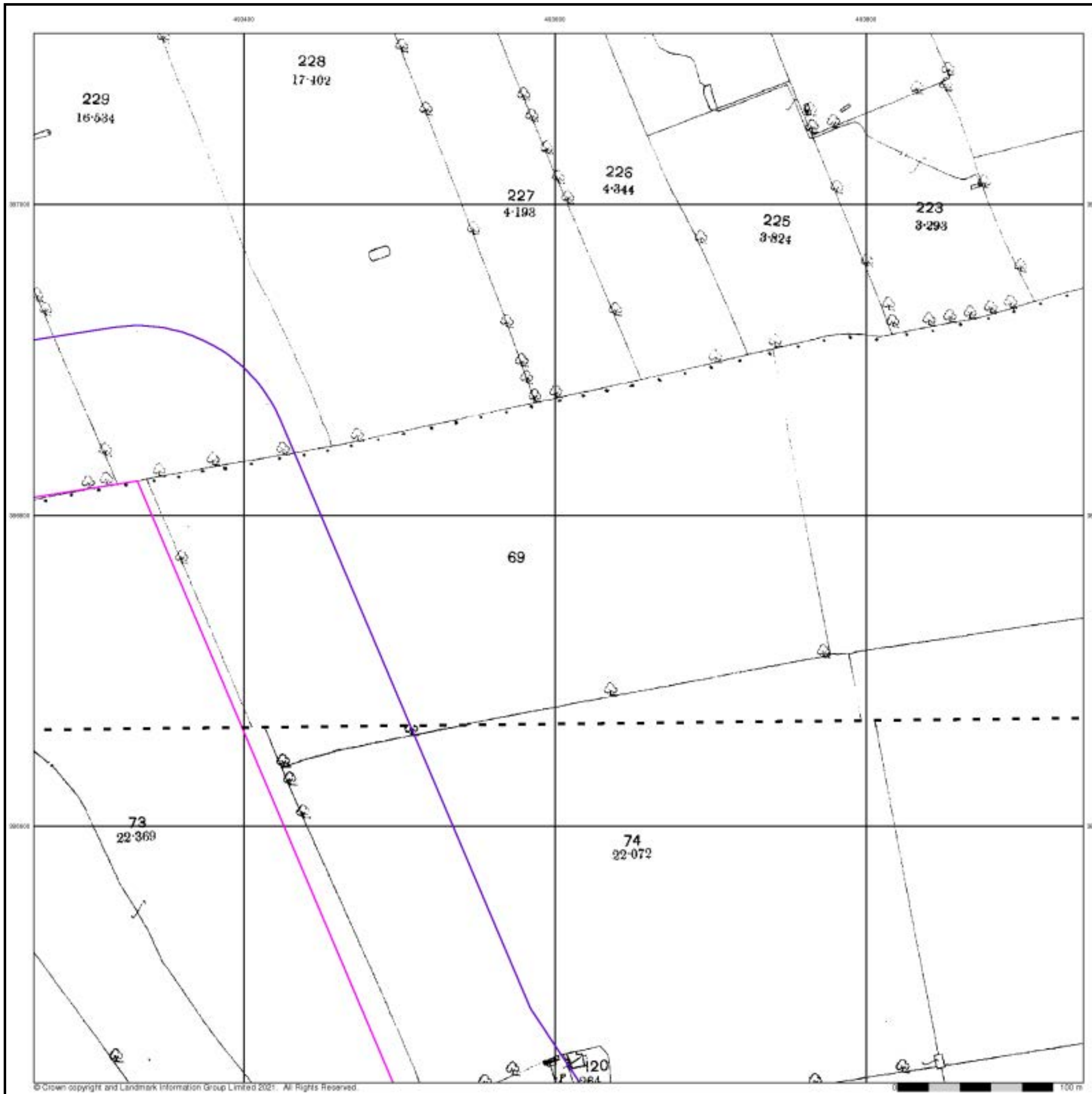


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

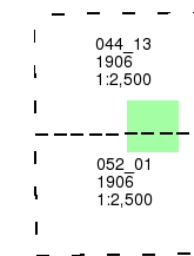
**Site Details**

Cottam 1

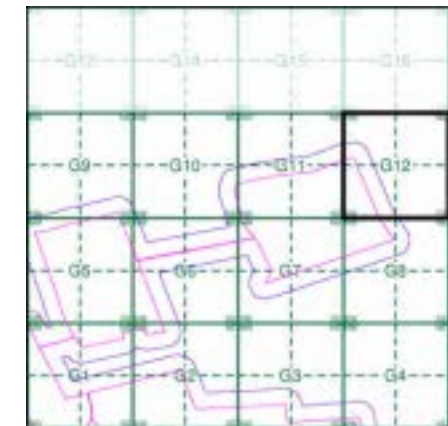


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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 G12**

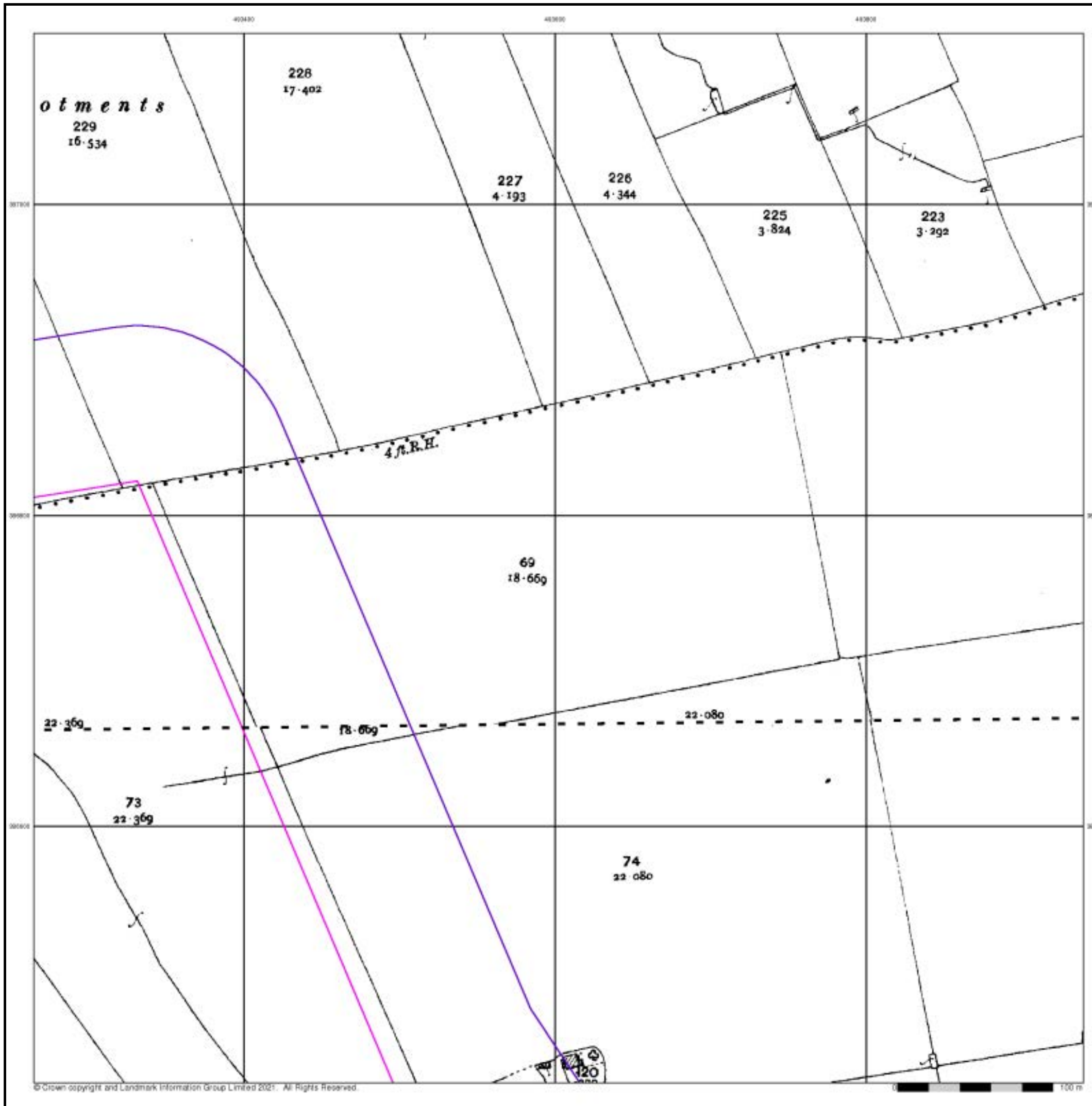


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

**Site Details**

Cottam 1



### Ordnance Survey Plan

Published 1974

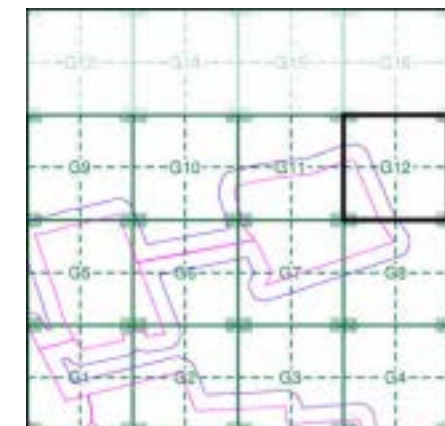
Source map scale - 1:2,500

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)

SK9387
1974
1:2,500
SK9386
1974
1:2,500

### Historical Map - Segment G12

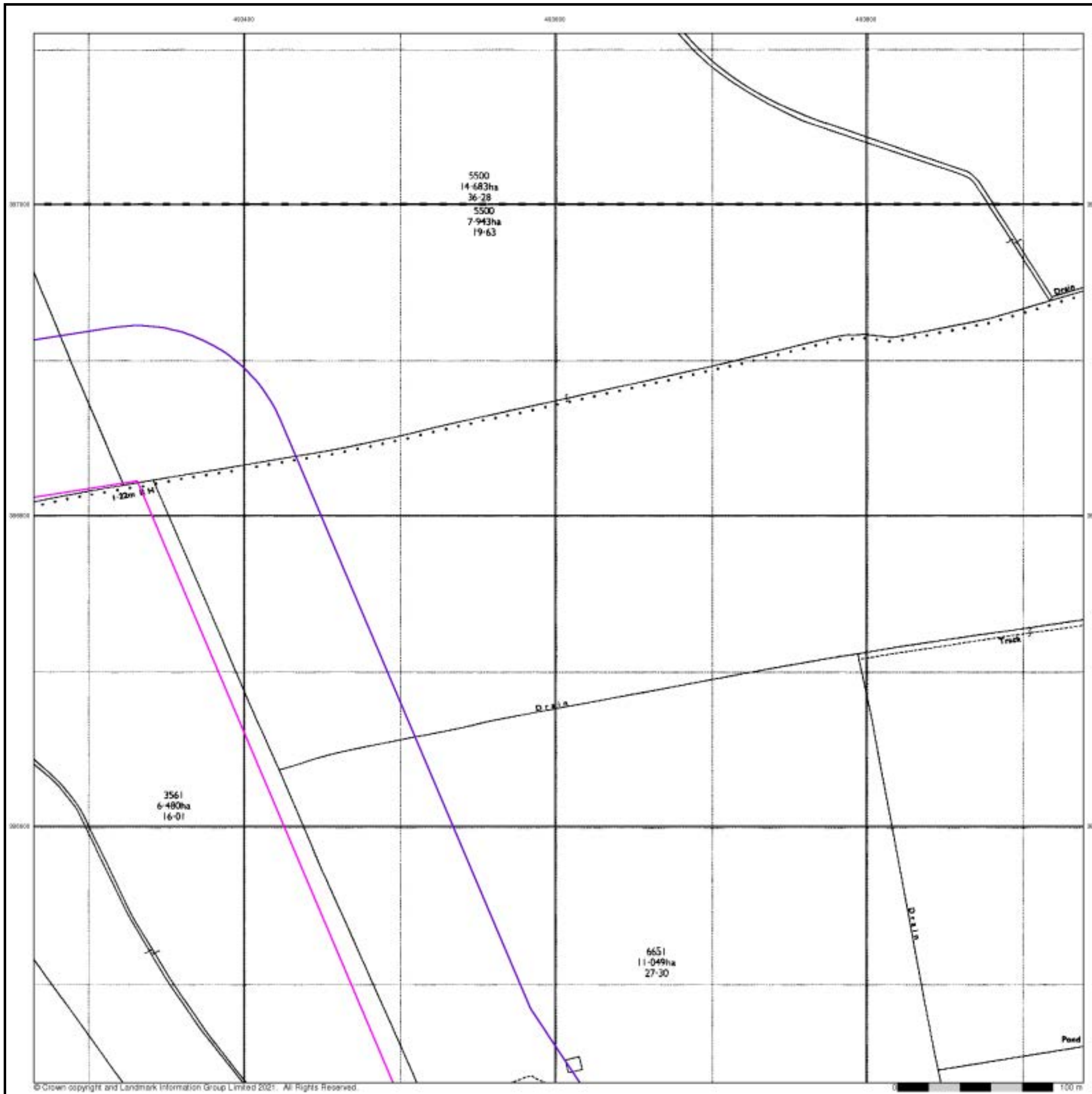


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1





## Large-Scale National Grid Data

Published 1994

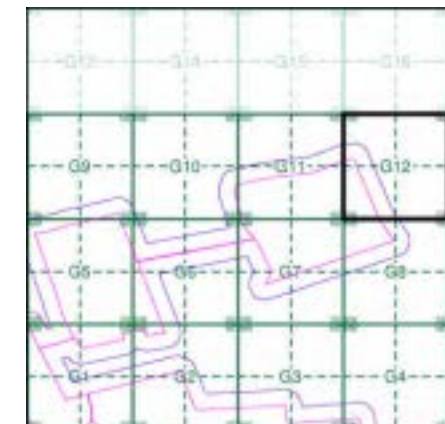
Source map scale - 1:2,500

'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)

SK9387	1994	1:2,500
SK9386	1994	1:2,500

### Historical Map - Segment G12

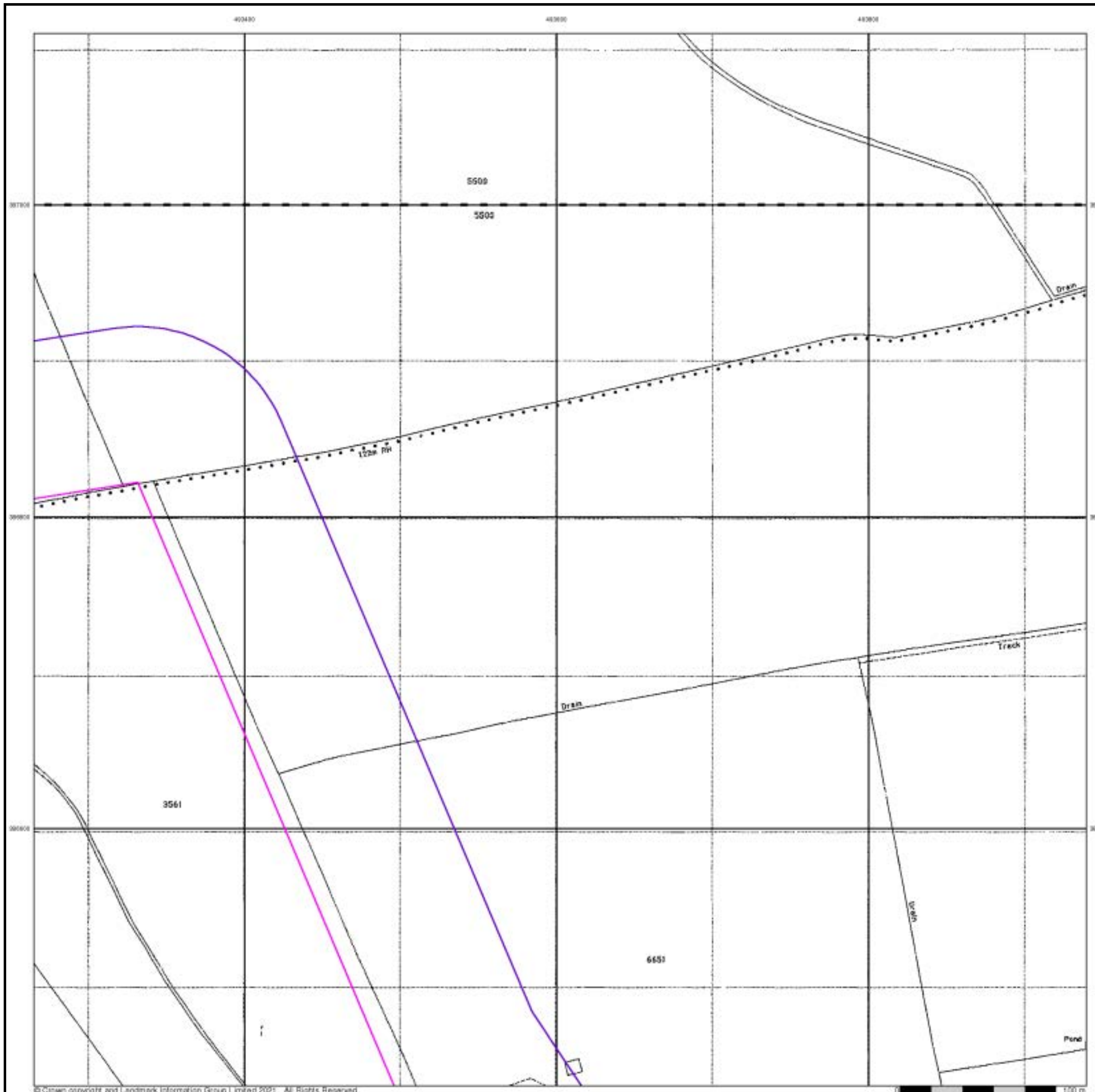


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

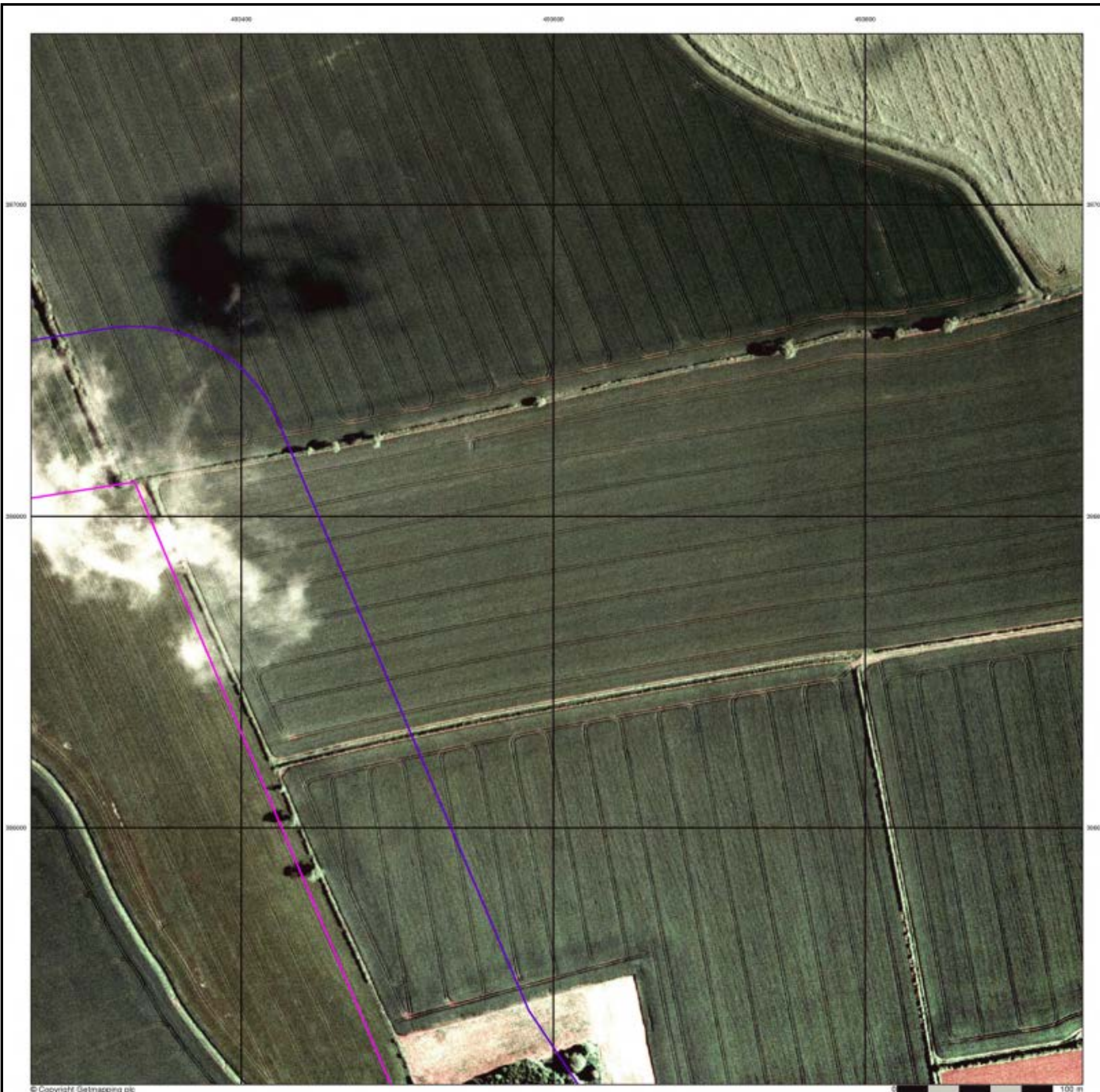
### Site Details

Cottam 1

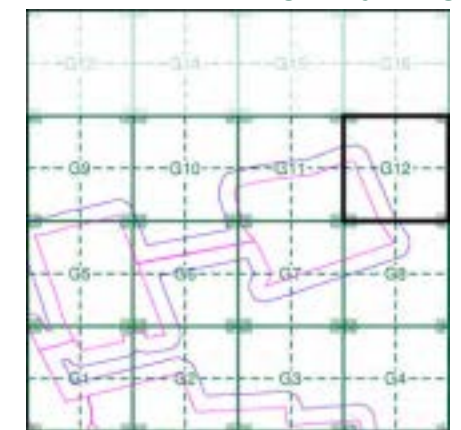


## Historical Aerial Photography Published 1999

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 G12



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 100

### Site Details

Cottam 1

## Appendix D – Landmark Envirocheck Report

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

287330989\_1\_1

**Customer Reference:**

21-1088.02

**National Grid Reference:**

490330, 381530

**Slice:**

A

**Site Area (Ha):**

884.45

**Search Buffer (m):**

250

#### Site Details:

Cottam 1

#### Client Details:

Mr A Howells  
Delta Simons  
3 Henley Office Park  
Doddington Road  
Lincoln  
LN6 3QR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	16
Hazardous Substances	-
Geological	17
Industrial Land Use	20
Sensitive Land Use	21
Data Currency	22
Data Suppliers	27
Useful Contacts	28

## Introduction

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

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## Report Version v53.0

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Agency &amp; Hydrological</b>			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 2		3
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 3	Yes	
Pollution Incidents to Controlled Waters	pg 3		3
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality	pg 4	1	
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions	pg 4		(*1)
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 4	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Groundwater Vulnerability - Local Information			n/a
Bedrock Aquifer Designations	pg 11	Yes	n/a
Superficial Aquifer Designations	pg 11	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 12	Yes	Yes
Flooding from Rivers or Sea without Defences	pg 12	Yes	Yes
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences	pg 13	Yes	Yes
OS Water Network Lines	pg 13	5	17

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Waste</b>			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 16	2	n/a
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
<b>Hazardous Substances</b>			
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 (*up to 500m)
<b>Geological</b>			
BGS 1:625,000 Solid Geology	pg 17	Yes	n/a
BGS Estimated Soil Chemistry	pg 17	Yes	Yes
BGS Recorded Mineral Sites			
BGS Urban Soil Chemistry			
BGS Urban Soil Chemistry Averages			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 18	Yes	
Potential for Compressible Ground Stability Hazards	pg 18	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 18	Yes	
Potential for Running Sand Ground Stability Hazards	pg 18	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 19	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a
<b>Industrial Land Use</b>			
Contemporary Trade Directory Entries			
Fuel Station Entries			
Points of Interest - Commercial Services			
Points of Interest - Education and Health			
Points of Interest - Manufacturing and Production	pg 20		1
Points of Interest - Public Infrastructure			
Points of Interest - Recreational and Environmental			
Gas Pipelines			
Underground Electrical Cables			



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Sensitive Land Use</b>			
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 21	1	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (NW)	0	1	490000 381900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SE (NW)	0	1	489750 381800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	489550 382550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	488550 383050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	488900 383050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	491750 381900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	489200 383100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	489150 383050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (NW)	0	1	490100 381750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	0	1	490150 382050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	488750 382950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	492000 382550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	489400 382650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NW (W)	0	1	490150 381533
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	489100 382700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (W)	0	1	489700 381750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	0	1	491050 380850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	0	1	490900 381200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NW (W)	0	1	490000 381533
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (NW)	0	1	490150 381850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NW (W)	0	1	490150 381500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	0	1	491400 381150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	0	1	490600 381050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NE (NW)	0	1	489850 382300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	490050 382550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	490000 382850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NW (E)	0	1	490650 381533
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	12	1	489800 382800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SE (NW)	17	1	489850 381750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	59	1	490300 382850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NW)	83	1	489200 382250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10NE (W)	94	1	489850 381450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (NW)	97	1	489250 382200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	126	1	488100 382850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	164	1	488650 382350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8SW (SE)	210	1	490900 380450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (S)	225	1	490335 380500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	246	1	488050 382550
1	<b>Discharge Consents</b> Operator: Limestone Farming Company Property Type: Domestic Property (Multiple) Location: Top Farm Houses Top Farm, Thorpe In The Fallows, Lincoln, Ln1 2dr Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr3nfs1617 Permit Version: 1 Effective Date: 12th March 1969 Issued Date: 12th March 1969 Revocation Date: 28th March 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Till <b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b> Positional Accuracy: Located by supplier to within 10m	A8SE (SE)	55	2	491040 380650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: Limestone Farming Company  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Back Yard Furze Hill, Cammeringham  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Pr3nfs1619  Permit Version: 1  Effective Date: 12th March 1969  Issued Date: 12th March 1969  Revocation Date: 28th March 1996  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Trib  <b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A16SW (NE)	88	2	490840 381980
3	<p><b>Discharge Consents</b></p> <p>Operator: Coats Hall Estates Ltd  Property Type: Domestic Property (Single)  Location: 19-25 Ingham Road, Stow, Lincoln, Ln1 2dg  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Pr3lfu1373  Permit Version: 1  Effective Date: 30th July 1984  Issued Date: 30th July 1984  Revocation Date: 1st October 1996  Discharge Type: Unknown  Discharge: Onto Land  Environment:  Receiving Water: Land  <b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A14NW (NW)	91	2	489500 382300
	<p><b>Nearest Surface Water Feature</b></p>	A12NW (E)	0	-	490742 381432
4	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Surface Water Outfall  Location: Lincoln District  Authority: Environment Agency, Anglian Region  Pollutant: Oils - Other Oil  Note: Tributary River Till  Incident Date: 17th March 1998  Incident Reference: 1007  Catchment Area: Not Given  Receiving Water: Freshwater Stream/River  Cause of Incident: Unknown  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A7NE (S)	2	2	490500 380700
5	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given  Location: Lincoln District  Authority: Environment Agency, Anglian Region  Pollutant: Miscellaneous - Unknown  Note: River Till  Incident Date: 9th August 1992  Incident Reference: 1458  Catchment Area: Not Given  Receiving Water: Freshwater Stream/River  Cause of Incident: Unknown  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A7SE (S)	58	2	490500 380600
6	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Other General Premises  Location: Lincoln District  Authority: Environment Agency, Anglian Region  Pollutant: Oils - Diesel (Including Agricultural)  Note: Till  Incident Date: 12th June 1996  Incident Reference: 2487  Catchment Area: Not Given  Receiving Water: Freshwater Stream/River  Cause of Incident: Vandalism  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A7SE (S)	125	2	490400 380600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>River Quality</b> Name: Till GQA Grade: River Quality D Reach: Kexby Beck...Cricket Till Estimated Distance (km): 7.7 Flow Rate: Flow less than 0.62 cumecs Flow Type: River Year: 2000	A12NW (E)	0	2	490680 381432
	<b>Water Abstractions</b> Operator: N K Taylor Licence Number: 4/30/06/*S/0016 Permit Version: 100 Location: Dyke Draining To R.Till Stow Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 December Authorised End: 31 March Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NW)	308	2	489055 382095
	<b>Groundwater Vulnerability Map</b> 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: >90% Patchiness: Superficial <3m Thickness: Superficial No Data Recharge:	A10NE (W)	0	3	489861 381374
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High 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: <90% Patchiness: Superficial <3m Thickness: Superficial No Data Recharge:	A12SE (SE)	0	3	490927 381207
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High 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: <90% Patchiness: Superficial <3m Thickness: Superficial No Data Recharge:	A12NW (E)	0	3	490650 381500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	A12SE (E)	0	3	491000 381313
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: High</p>	A8NW (SE)	0	3	490845 381000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: High</p>	A7NE (S)	0	3	490456 381000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: 3-10m            Superficial Recharge: Low</p>	A8NE (SE)	0	3	491000 381000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: 3-10m            Superficial Recharge: Low</p>	(SE)	0	3	491840 380474
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	A14SE (NW)	0	3	489734 382000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	A16SW (NE)	0	3	490586 382000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	(NE)	0	3	491283 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	A16NE (NE)	0	3	491000 382193
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: High</p>	A8NW (SE)	0	3	490714 381000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: High</p>	A7NE (S)	0	3	490335 381000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(NW)	0	3	489000 382876



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(N)	0	3	490000 382843
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: &gt;70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(NW)	0	3	489000 383000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(N)	0	3	489856 383000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	A12NW (E)	0	3	490799 381379

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	A11NE (NE)	0	3	490335 381533
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability            Combined Vulnerability: Low            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	A12NE (E)	0	3	491000 381533
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	A15SE (N)	0	3	490335 382000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: &gt;70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(NW)	0	3	489000 383056

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: &gt;70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(NW)	0	3	488562 383000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(NW)	0	3	489210 383113
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	A13NE (NW)	0	3	489000 382161
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	A15SW (NW)	0	3	490000 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A15SW (N)	0	3	490157 382000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data	A11NW (W)	0	3	490000 381533
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A11NW (W)	0	3	490165 381548
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A11NE (NE)	0	3	490335 381533
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	A11NW (W)	0	3	490000 381533
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	A11NW (W)	0	3	490165 381548
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(NE)	0	3	490982 382404
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	(N)	0	3	490000 382843
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	(SE)	0	3	491840 380474
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A12NW (E)	0	3	490650 381500
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A10NE (W)	0	3	489861 381374

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A12SE (SE)	0	3	490927 381207
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11SW (SW)	0	2	490185 381330
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A12SW (SE)	0	2	490567 381128
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A11NE (S)	0	2	490362 381401
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A12NW (E)	0	2	490649 381575
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NE (E)	0	2	490345 381534
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A11SE (S)	2	2	490311 381266
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A7SE (S)	14	2	490535 380636
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A7SE (S)	42	2	490392 380630
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A12SW (SE)	0	2	490665 381100
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A15NE (N)	0	2	490459 382158
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A15NW (N)	0	2	490203 382344
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A12SW (SE)	0	2	490565 381130
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NE (S)	0	2	490337 381514
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A7SE (S)	33	2	490397 380652
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A16SW (NE)	37	2	490667 381962
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A7SE (S)	39	2	490423 380638

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A7NE (S)	250	2	490235 380706
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	A12NW (E)	0	2	490716 381390
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	A12NW (E)	0	2	490685 381394
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	A15NE (N)	19	2	490408 382381
7	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1426.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A12NW (E)	0	4	490722 381433
8	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 467.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	A12NW (E)	0	4	490722 381433
9	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 470.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	A12NW (E)	0	4	490704 381401
10	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 473.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A11SE (S)	0	4	490306 381367
11	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 449.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A11NE (SW)	0	4	490257 381395
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 539.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	A11SE (SE)	7	4	490542 381132

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 533.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	A15NE (N)	8	4	490554 382136
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 789.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A16NE (NE)	10	4	490967 382226
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 708.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	A7SE (S)	13	4	490499 380654
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1319.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A7NE (S)	13	4	490233 380705
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 473.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A11NW (W)	15	4	489915 381587
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 325.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	A12NE (E)	17	4	491124 381645
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 501.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	A16SW (NE)	17	4	490649 381949
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 110.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A16SW (NE)	19	4	490881 381848
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 378.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A15NE (N)	47	4	490554 382136

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 166.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A12NE (E)	79	4	491124 381645
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 264.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A12NE (E)	153	4	491045 381635
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 172.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A10NW (W)	161	4	489485 381676
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A10NW (W)	183	4	489489 381675
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A10NW (W)	187	4	489314 381691
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 132.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A10NW (W)	191	4	489308 381690
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A12NE (E)	199	4	491124 381647



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: West Lindsey District Council - Has no landfill data to supply		0	5	490335 381533
	<b>Local Authority Landfill Coverage</b> Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	490335 381533

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Lias Group	A11NE (NE)	0	1	490335 381533
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 20 - 40 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A10NE (W)	0	1	489861 381374
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11NE (NE)	0	1	490335 381533
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NE (E)	0	1	491000 381533
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A15SE (N)	0	1	490335 382000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 20 - 40 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A7SE (S)	119	1	490312 380669
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A16NW (NE)	216	1	490741 382282

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	490650 381500
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	490000 381533
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	490799 381379
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	490335 381533
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	490000 381533
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	490799 381379
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	490335 381533
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	490650 381500
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	490000 381533
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	490335 381533
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	490000 381533
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	490335 381533
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	490000 381533
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	490335 381533
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	490799 381379
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	489861 381374
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SE (SE)	0	1	490927 381207
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	490650 381500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7SE (S)	119	1	490312 380669
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A16NW (NE)	216	1	490741 382282
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	490000 381533
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	490335 381533
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14SW (W)	44	1	489341 381820
	<b>Radon Potential - Radon Affected Areas</b> 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	A11NE (NE)	0	1	490335 381533
	<b>Radon Potential - Radon Affected Areas</b> 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	A11NW (W)	0	1	490000 381533
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	490335 381533
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	490000 381533

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<b>Points of Interest - Manufacturing and Production</b> Name: P & C Wright Location: Thorpe In The Fallows, Lincoln, LN1 2DR Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8SE (SE)	172	7	491207 380593

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	<b>Nitrate Vulnerable Zones</b> Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	A11NE (NE)	0	3	490335 381533

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	June 2020 September 2017	Annually Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Anglian Region	March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - Anglian Region	January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Anglian Region	July 2021	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> West Lindsey District Council - Environmental Health Department	November 2014	Variable
<b>Local Authority Pollution Prevention and Controls</b> West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> West Lindsey District Council - Environmental Health Department	November 2014	Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	August 2021	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Midlands Region Environment Agency - Anglian Region	December 1999 September 1999	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Anglian Region	July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Anglian Region	March 2013	
<b>Registered Radioactive Substances</b> Environment Agency - Anglian Region	June 2016	Annually
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Water Abstractions</b> Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region	October 2017	Quarterly
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Source Protection Zones</b> Environment Agency - Head Office	May 2021	Bi-Annually

Agency & Hydrological	Version	Update Cycle
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	July 2021	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	February 2016	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	May 2021	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Anglian Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Local Authority Landfill Coverage</b> Lincolnshire County Council West Lindsey District Council - Environmental Health Department	February 2003 February 2003	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Lincolnshire County Council West Lindsey District Council - Environmental Health Department	October 2018 October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Anglian Region - Northern Area	April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Anglian Region - Northern Area	June 2015	



Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2010 February 2016	Variable Variable
<b>Planning Hazardous Substance Consents</b> Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2007 February 2016	Variable Variable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

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

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	February 2021	Bi-Annually
<b>Areas of Adopted Green Belt</b> West Lindsey District Council	October 2020	Quarterly
<b>Areas of Unadopted Green Belt</b> West Lindsey District Council	October 2020	Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	January 2021	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	February 2021	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Nature Reserves</b> Natural England	January 2021	Bi-Annually
<b>National Parks</b> Natural England	February 2018	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2016	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
<b>Ramsar Sites</b> Natural England	August 2020	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	February 2021	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	July 2020	Bi-Annually
<b>Special Protection Areas</b> Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>West Lindsey District Council - Environmental Health Department</b> The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	<b>Lincolnshire County Council</b> 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

## Historical Land Use Information (1:10,000)

### General

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

### Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

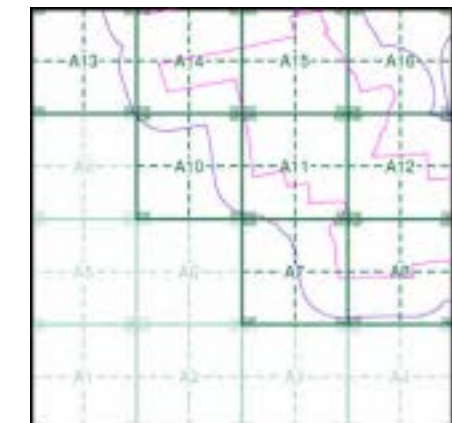
### Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

### Mining Data

- Potential Mining Area
- BGS Recorded Mineral Site

### Mining and Ground Stability - Slice A

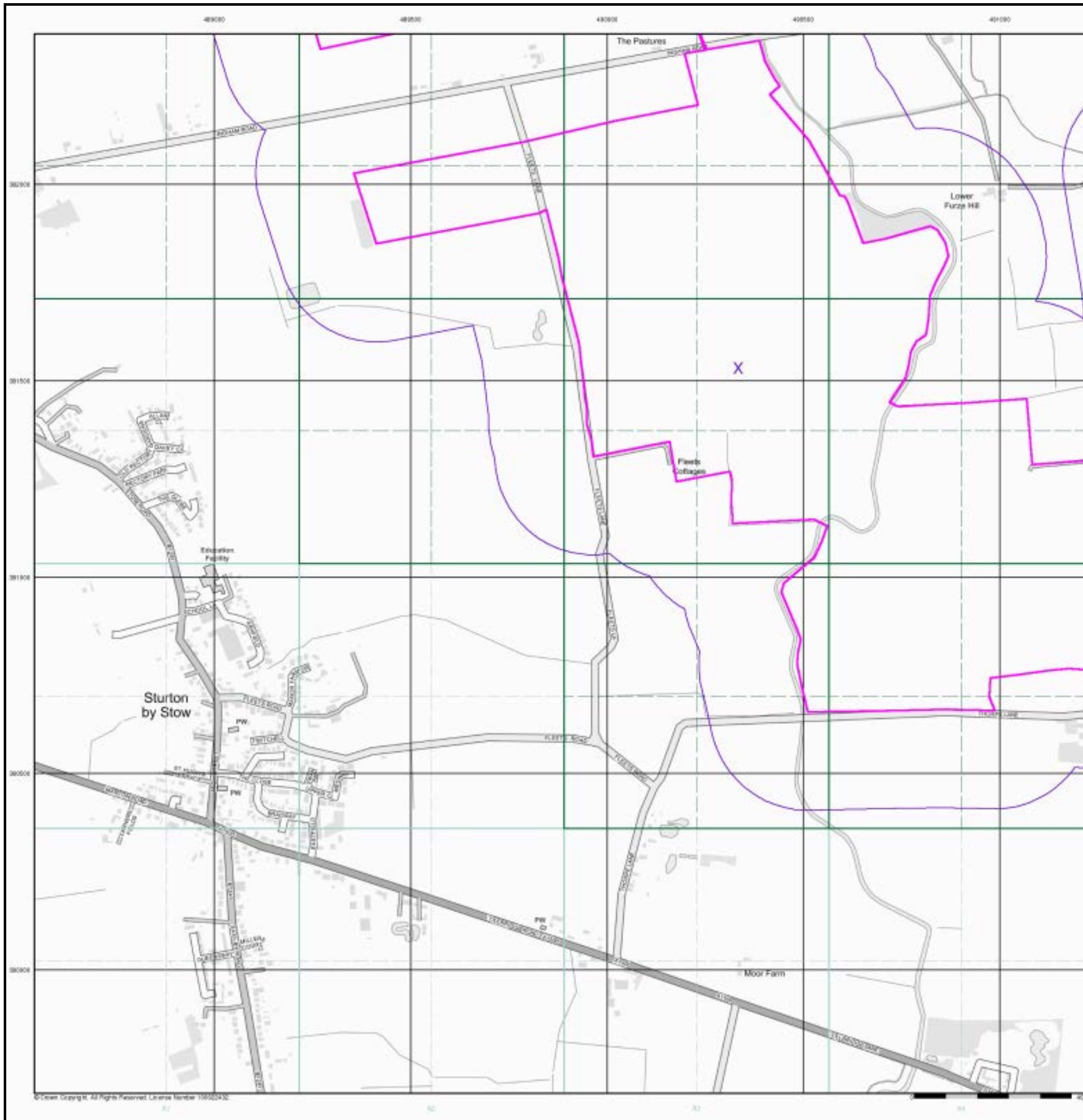


### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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## Ground Stability Data (1:50,000)

### General

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

### Potential for Compressible Ground Stability Hazards

- ▭ High
- ▭ Low
- ▭ Moderate
- ▭ Very Low

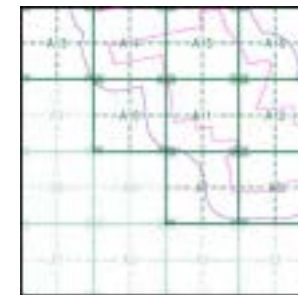
### Potential for Collapsible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Brine Pumping and Salt Mining

- |                               | Point | Polygon  |
|-------------------------------|-------|--|
| Brine Pumping Related Feature | ▲     | <span style="border: 1px solid green; display: inline-block; width: 10px; height: 10px;"></span> |
| Salt Mining Related Feature   | ▲     | <span style="border: 1px solid blue; display: inline-block; width: 10px; height: 10px;"></span>  |

### Mining and Ground Stability - Slice A



### Order Details

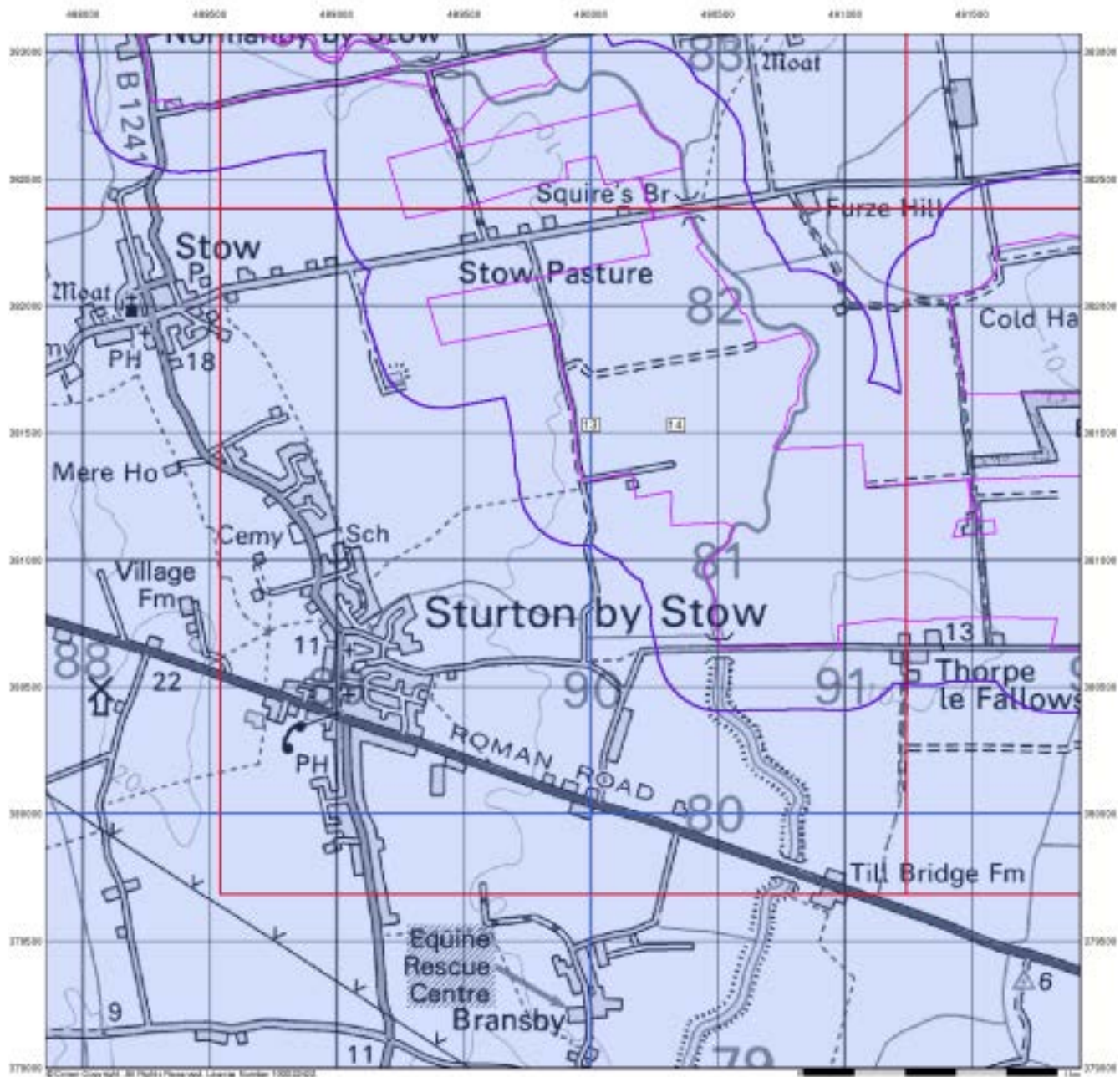
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Ground Stability Data (1:50,000)

### General

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

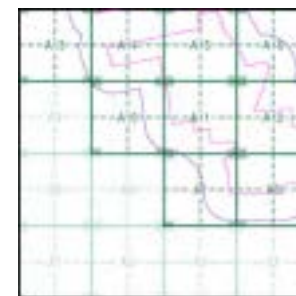
### Potential for Landslide Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Potential for Ground Dissolution Stability Hazards

- High
- Low
- Moderate
- Very Low

### Mining and Ground Stability - Slice A



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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





## Ground Stability Data (1:50,000)

### General

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

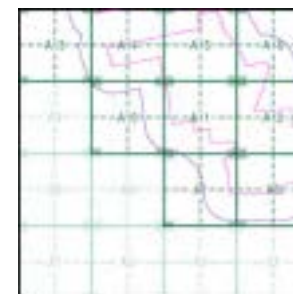
### Potential for Running Sand Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Mining and Ground Stability - Slice A



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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

## Envirocheck<sup>®</sup> Report:

### Mining and Ground Stability Datasheet

#### Order Details:

**Order Number:**

287330989\_1\_1

**Customer Reference:**

21-1088.02

**National Grid Reference:**

490330, 381530

**Slice:**

A

**Site Area (Ha):**

884.45

**Search Buffer (m):**

250

#### Site Details:

Cottam 1

#### Client Details:

Mr A Howells  
Delta Simons  
3 Henley Office Park  
Doddington Road  
Lincoln  
LN6 3QR

Report Section and Details	Page Number
<b>Summary</b>	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>	
<b>Mining and Natural Cavities Data</b>	-
<p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>	
<b>Historical Land Use Information (1:2,500)</b>	<b>1</b>
<p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p>	
<b>Historical Land Use Information (1:10,000)</b>	-
<p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>	
<b>Ground Stability Data (1:50,000)</b>	<b>2</b>
<p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>	
<b>Historical Map List</b>	<b>4</b>
<p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>	
<b>Data Currency</b>	<b>6</b>
<b>Data Suppliers</b>	<b>7</b>
<b>Useful Contacts</b>	<b>8</b>

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#### Report Version v53.0

Data Type	Page Number	On Site	0 to 250m
<b>Mining and Natural Cavities Data</b>			
BGS Recorded Mineral Sites			
Coal Mining Affected Areas			n/a
Man Made Mining Cavities			
Mining Instability			n/a
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential Mining Areas			
<b>Historical Land Use Information (1:2,500)</b>			
Extractive Industries or Potential Excavations from 1855-1909 (100m)			
Extractive Industries or Potential Excavations from 1893-1915 (100m)			
Extractive Industries or Potential Excavations from 1906-1937 (100m)			
Extractive Industries or Potential Excavations from 1924-1949 (100m)			
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 1		4
Subterranean Features (100m)			
<b>Historical Land Use Information (1:10,000)</b>			
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining & quarrying general			
Mining of coal & lignite			
Quarrying of sand & clay, operation of sand & gravel pits			
Former Marshes			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
<b>Ground Stability Data (1:50,000)</b>			
CBSCB Compensation District			n/a
Brine Pumping Related Features			
Brine Subsidence Solution Area			
Potential for Collapsible Ground Stability Hazards	pg 2	Yes	Yes
Potential for Compressible Ground Stability Hazards	pg 2	Yes	Yes
Potential for Ground Dissolution Stability Hazards	pg 2	Yes	
Potential for Landslide Ground Stability Hazards	pg 2	Yes	
Potential for Running Sand Ground Stability Hazards	pg 3	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 3	Yes	Yes
Salt Mining Related Features			

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	A8NE (SE)	10	-	491103 380743
2	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1975 Date: Last Map Published N/A Date:	A10NE (W)	64	-	489847 381648
3	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1973 Date: Last Map Published N/A Date:	A11SE (S)	95	-	490298 381045
4	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Ponds First Map Published 1975 Date: Last Map Published N/A Date:	A14NE (NW)	99	-	489820 382379

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>CBSCB Compensation District</b> The site does not fall within the brine compensation area.				
	<b>Brine Subsidence Solution Area</b> The site does not fall within the brine subsidence solution area.				
5	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	490000 381533
6	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	490799 381379
7	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	490335 381533
8	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(N)	0	1	490000 382953
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(N)	0	1	490000 382843
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	490650 381500
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	491840 380474
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(NW)	186	1	488677 382387
9	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	490650 381500
10	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	491840 380474
11	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(N)	0	1	490000 382843
12	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(NW)	186	1	488677 382387
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	490000 381533
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	490799 381379
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	490335 381533
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(N)	0	1	490000 382953
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	490000 381533
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	490335 381533
13	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	490000 381533

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	490335 381533
15	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(N)	0	1	490000 382953
16	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(NE)	0	1	490982 382404
17	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	489861 381374
18	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SE (SE)	0	1	490927 381207
19	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(N)	0	1	490000 382843
20	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	490650 381500
21	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	491840 380474
22	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SE)	93	1	492016 380412
23	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7SE (S)	119	1	490312 380669
24	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(NW)	186	1	488677 382387
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(NW)	0	1	489210 383113
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	490000 381533
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	490335 381533
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	490799 381379
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A16NW (NE)	216	1	490741 382282
25	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	490000 381533
26	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	490335 381533
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14SW (W)	44	1	489341 381820



The following mapping has been analysed for Historical Land Use Information (1:2,500):








1:2,500	Mapsheets	Published Date
Ordnance Survey Plan	SK9081	1973
Ordnance Survey Plan	SK9081	1973
Ordnance Survey Plan	SK9081	1973
Ordnance Survey Plan	SK9081	1973
Ordnance Survey Plan	SK9081	1973
Ordnance Survey Plan	SK9081	1973
Ordnance Survey Plan	SK9181	1973
Ordnance Survey Plan	SK9181	1973
Ordnance Survey Plan	SK9181	1973
Ordnance Survey Plan	SK9080	1974
Ordnance Survey Plan	SK9080	1974
Ordnance Survey Plan	SK9082	1974
Ordnance Survey Plan	SK9082	1974
Ordnance Survey Plan	SK9180	1974
Ordnance Survey Plan	SK9182	1974
Ordnance Survey Plan	SK8881	1975
Ordnance Survey Plan	SK8882	1975
Ordnance Survey Plan	SK8981	1975
Ordnance Survey Plan	SK8981	1975
Ordnance Survey Plan	SK8981	1975
Ordnance Survey Plan	SK8981	1975
Ordnance Survey Plan	SK8981	1975
Ordnance Survey Plan	SK8981	1975
Ordnance Survey Plan	SK8981	1975
Ordnance Survey Plan	SK8981	1975
Ordnance Survey Plan	SK8981	1975
Ordnance Survey Plan	SK8982	1975
Ordnance Survey Plan	SK8982	1975
Ordnance Survey Plan	SK8982	1975
Ordnance Survey Plan	SK8982	1975
Ordnance Survey Plan	SK8980	1976

The following mapping has been analysed for Historical Land Use Information (1:10,000):

<b>1:10,560</b>	<b>Mapsheets</b>	<b>Published Date</b>
Lincolnshire	051_SE	1890
Lincolnshire	060_NE	1890
Lincolnshire	051_SE	1907
Lincolnshire	060_NE	1907
Lincolnshire	051_SE	1947
Lincolnshire	060_NE	1947
Ordnance Survey Plan	SK87NE	1956
Ordnance Survey Plan	SK88SE	1956
Ordnance Survey Plan	SK97NW	1956
Ordnance Survey Plan	SK98SW	1956
<b>1:10,000</b>	<b>Mapsheets</b>	<b>Published Date</b>
Ordnance Survey Plan	SK97NW	1976
Ordnance Survey Plan	SK87NE	1979
Ordnance Survey Plan	SK98SW	1979
Ordnance Survey Plan	SK88SE	1981

<b>Mining and Cavities Data</b>	<b>Version</b>	<b>Update Cycle</b>
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Man Made Mining Cavities</b> Stantec UK Ltd	May 2021	Bi-Annually
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Natural Cavities</b> Stantec UK Ltd	May 2021	Bi-Annually
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Historical Land Use Information (1:2,500)</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Subterranean Features</b> Landmark Information Group Limited	February 2020	Bi-Annually
<b>Ground Stability Data (1:50,000)</b>	<b>Version</b>	<b>Update Cycle</b>
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Brine Subsidence Solution Area</b> Johnson Poole & Bloomer	December 2020	Annual Rolling Update

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a> Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: <a href="mailto:customerservices@landmarkinfo.co.uk">customerservices@landmarkinfo.co.uk</a> Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a>

#### General

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

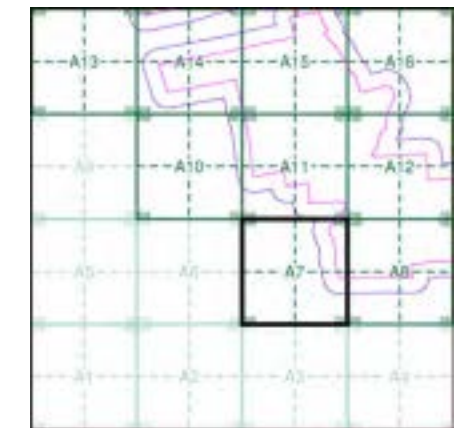
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1906 - 1937	▲	—	▩
Extractive Industries Activity from 1924 - 1949	▲	—	▧
Extractive Industries Activity from 1950 - 1960	▲	—	▨

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment A7

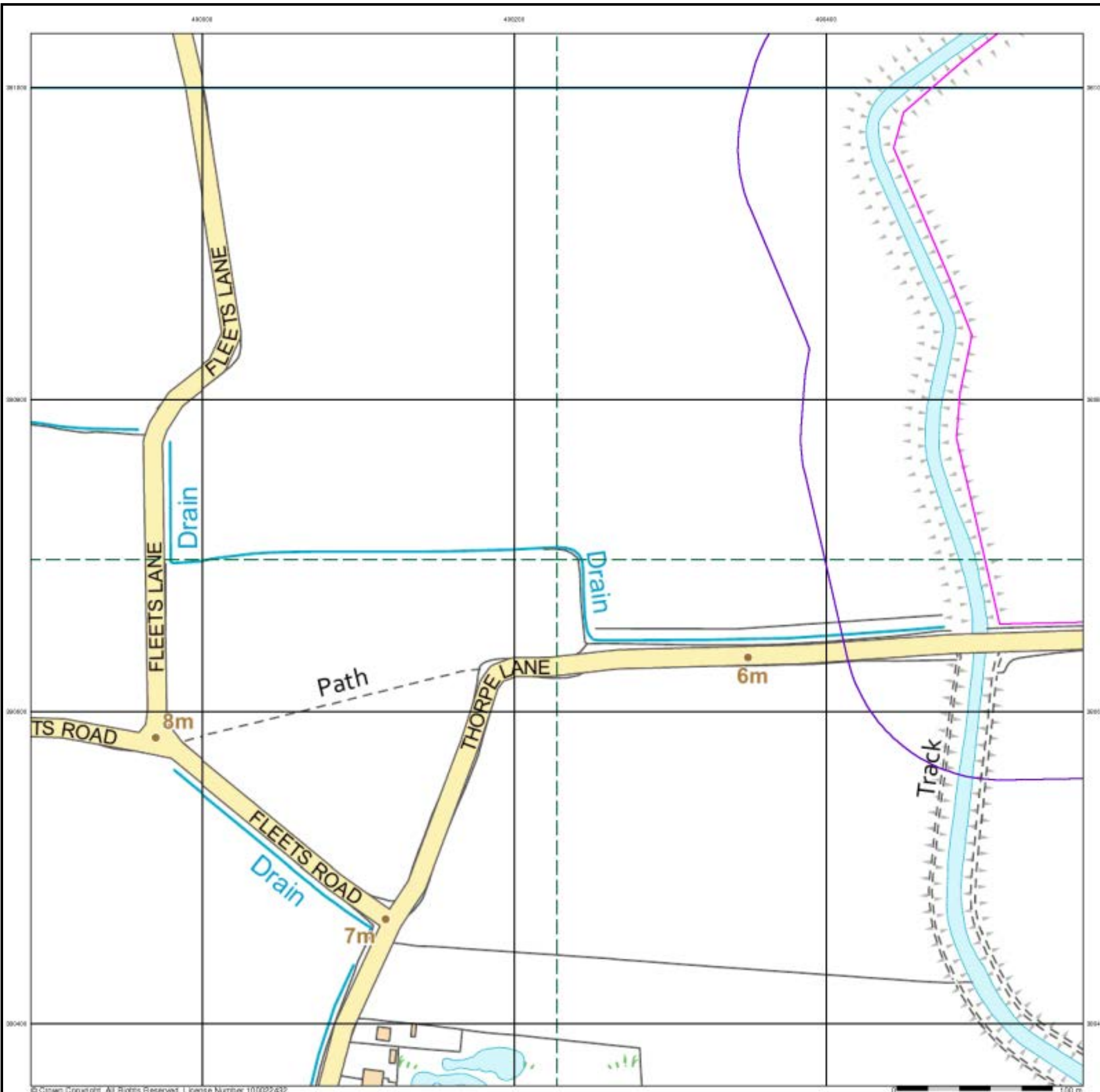


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



**General**

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

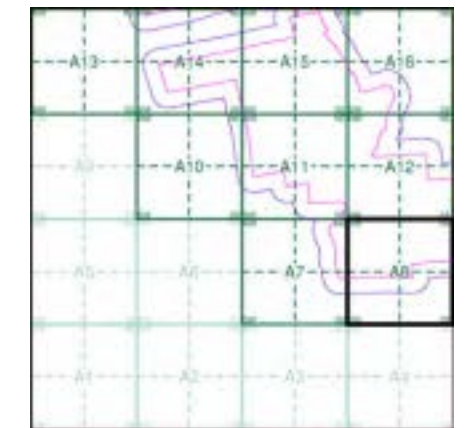
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment A8**



**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**
















Cottam 1



**General**

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

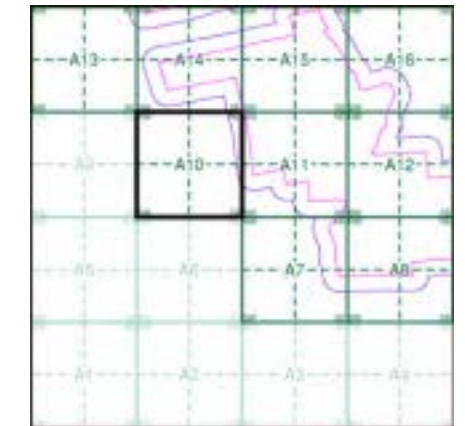
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features			

**Mining and Ground Stability - Segment A10**

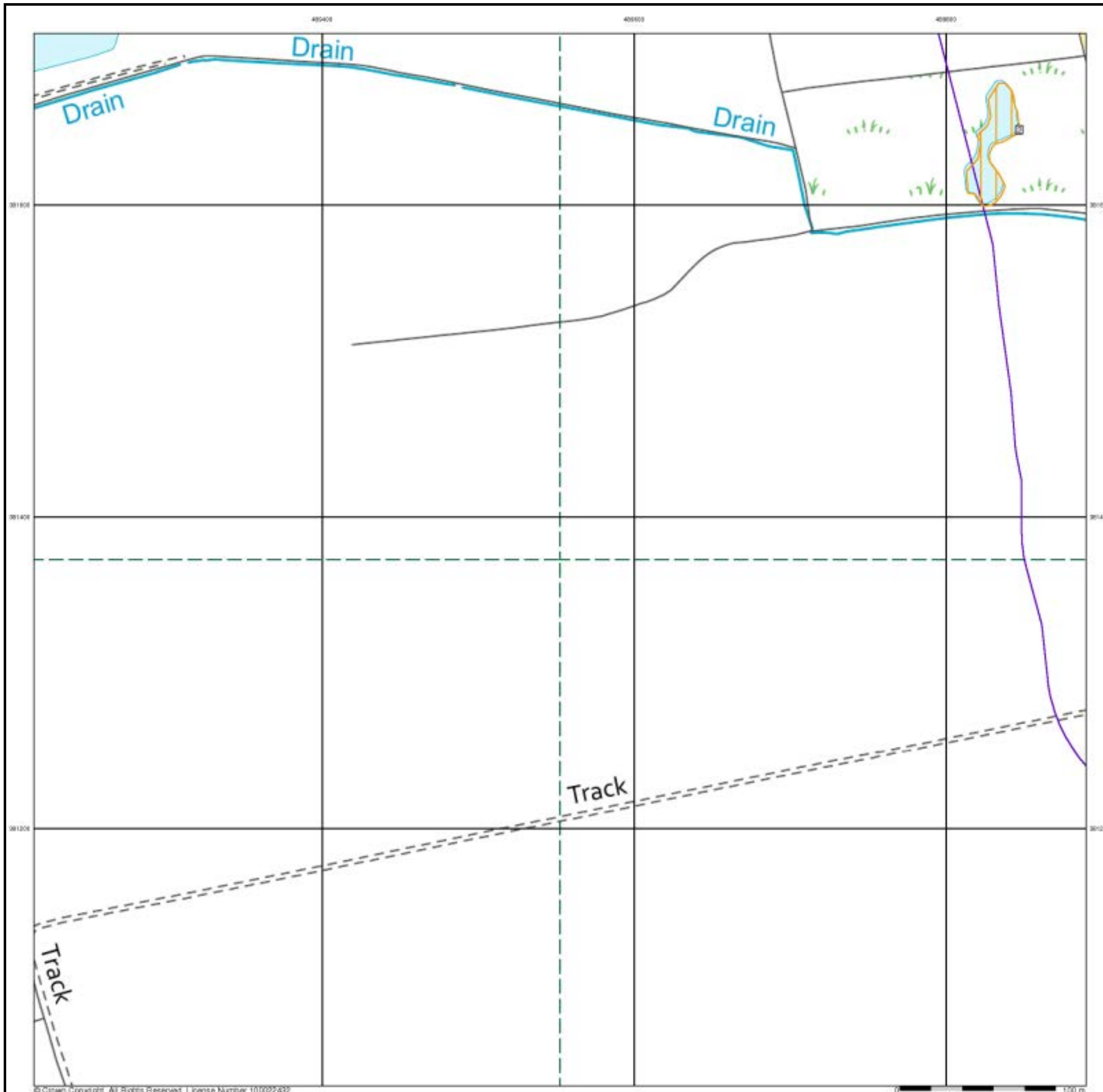


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1





**General**

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

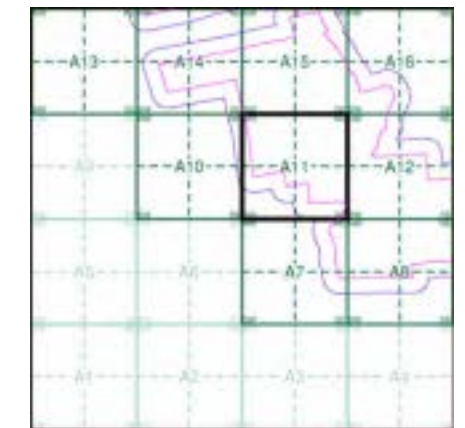
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▧
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▩
Extractive Industries Activity from 1950 - 1960	▲	—	▪

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment A11**

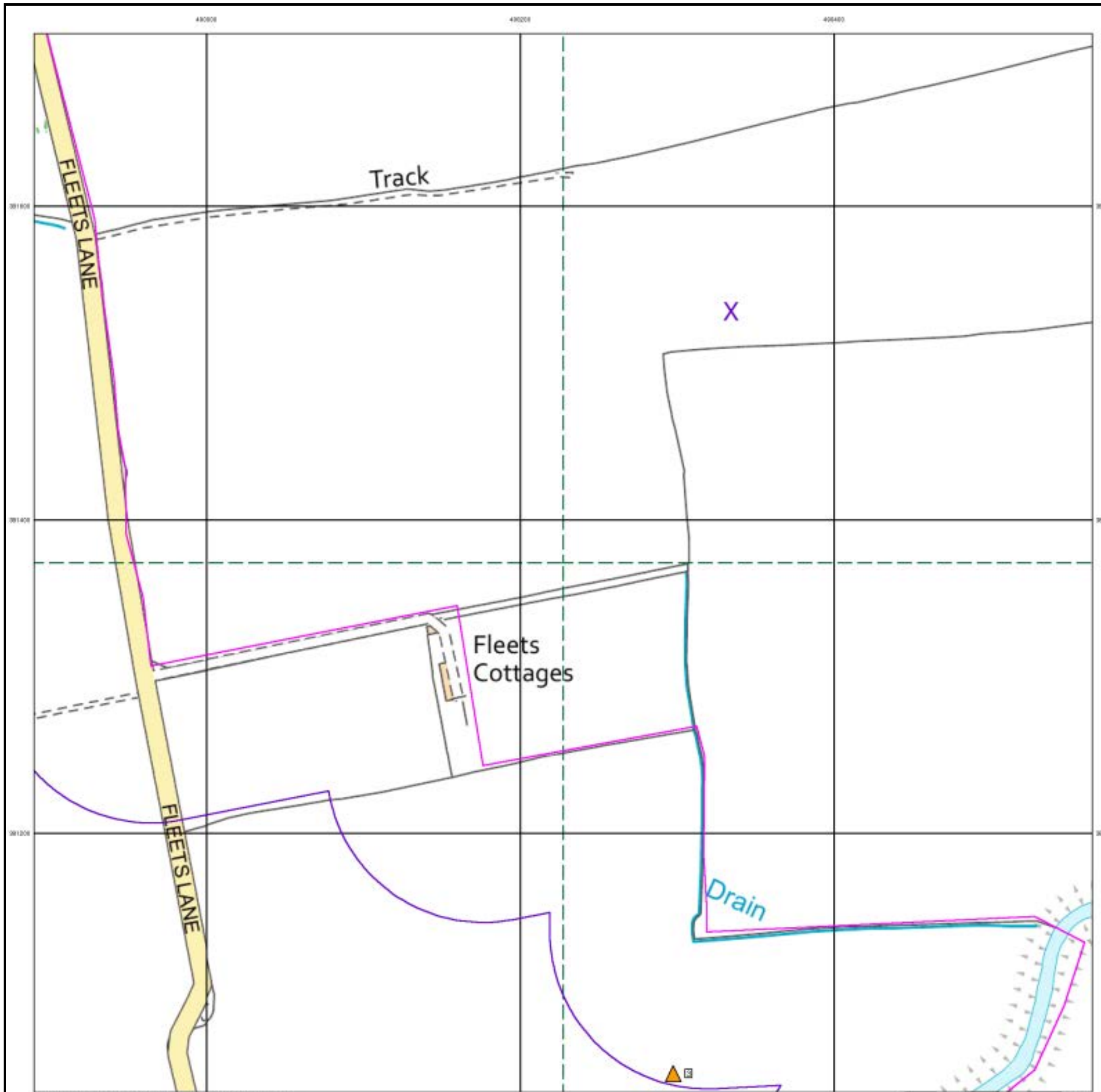


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1



**General**

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

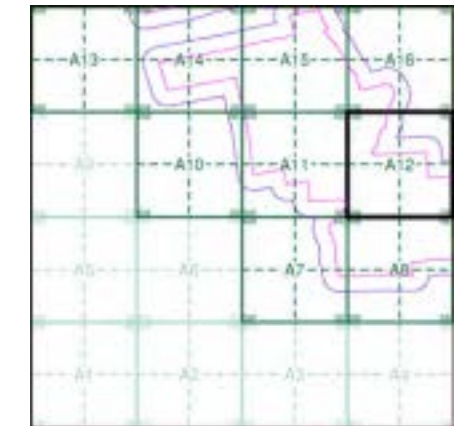
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment A12**

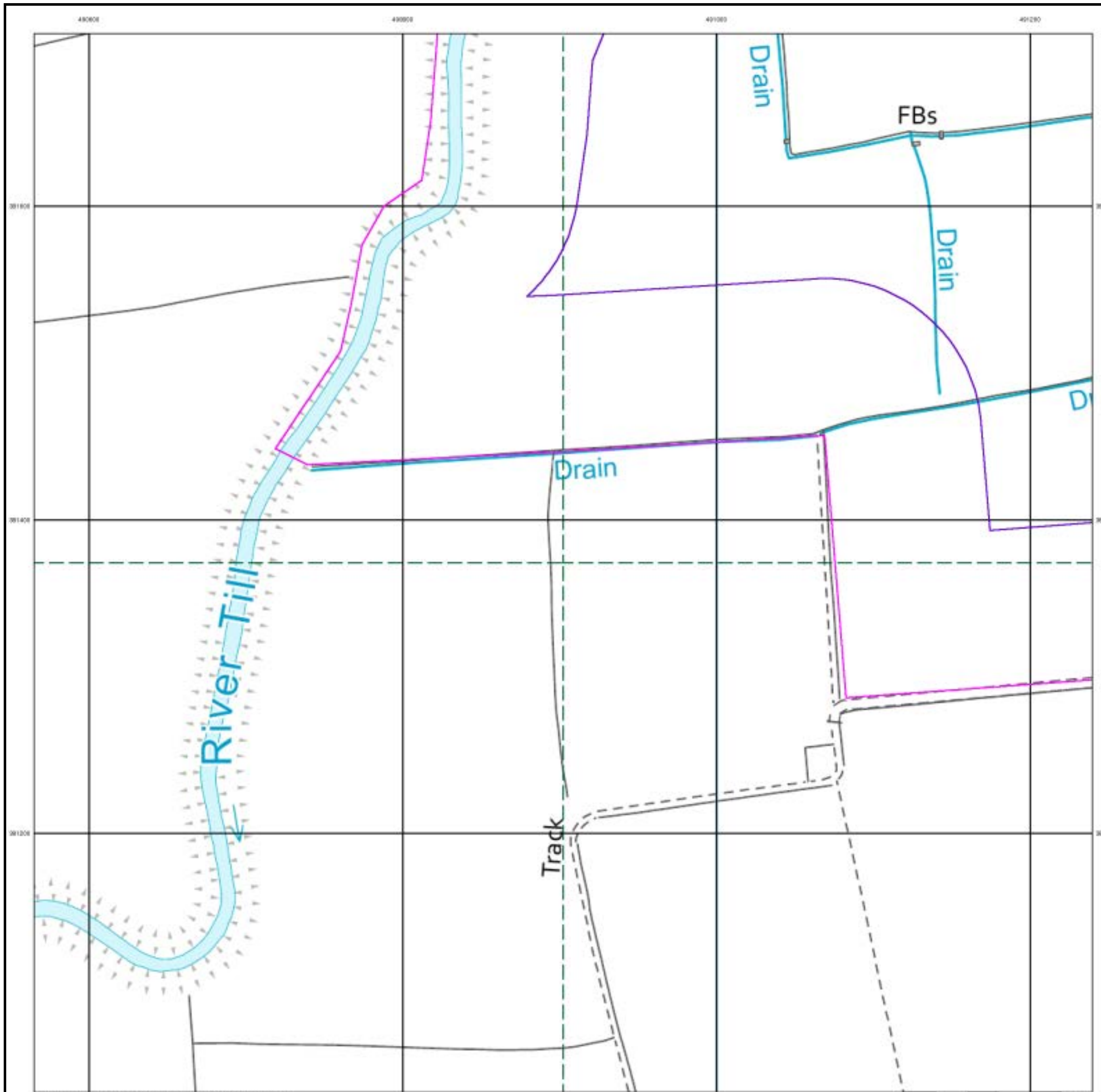


**Order Details**






Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**













Cottam 1



#### General

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

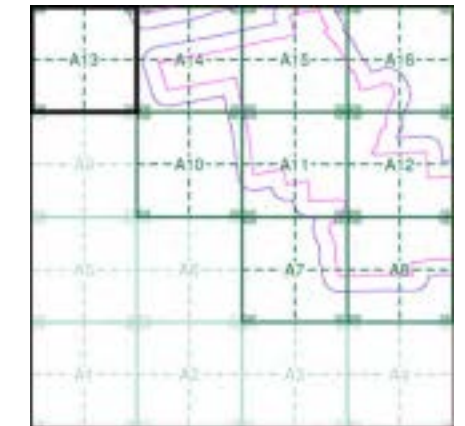
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1980			

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features			

#### Mining and Ground Stability - Segment A13

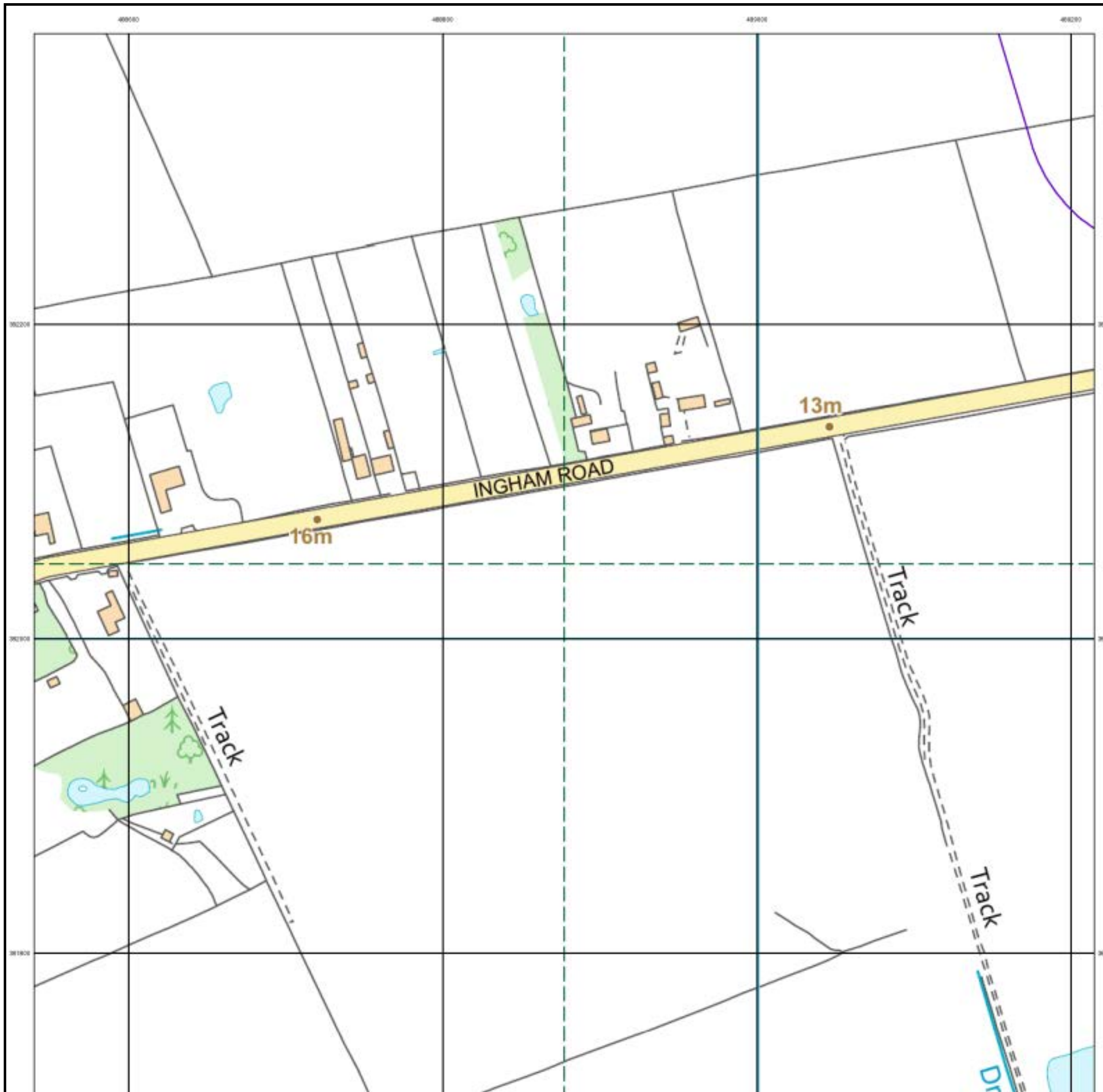


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

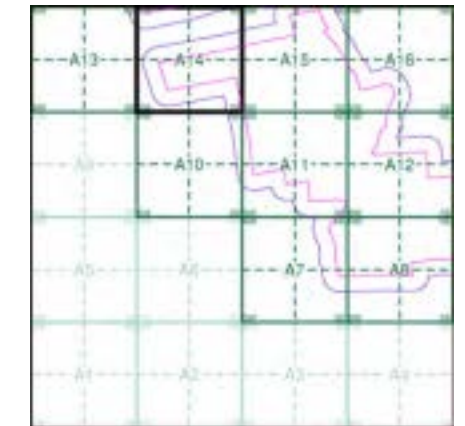
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▨
Extractive Industries Activity from 1950 - 1960	▲	—	▨

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment A14

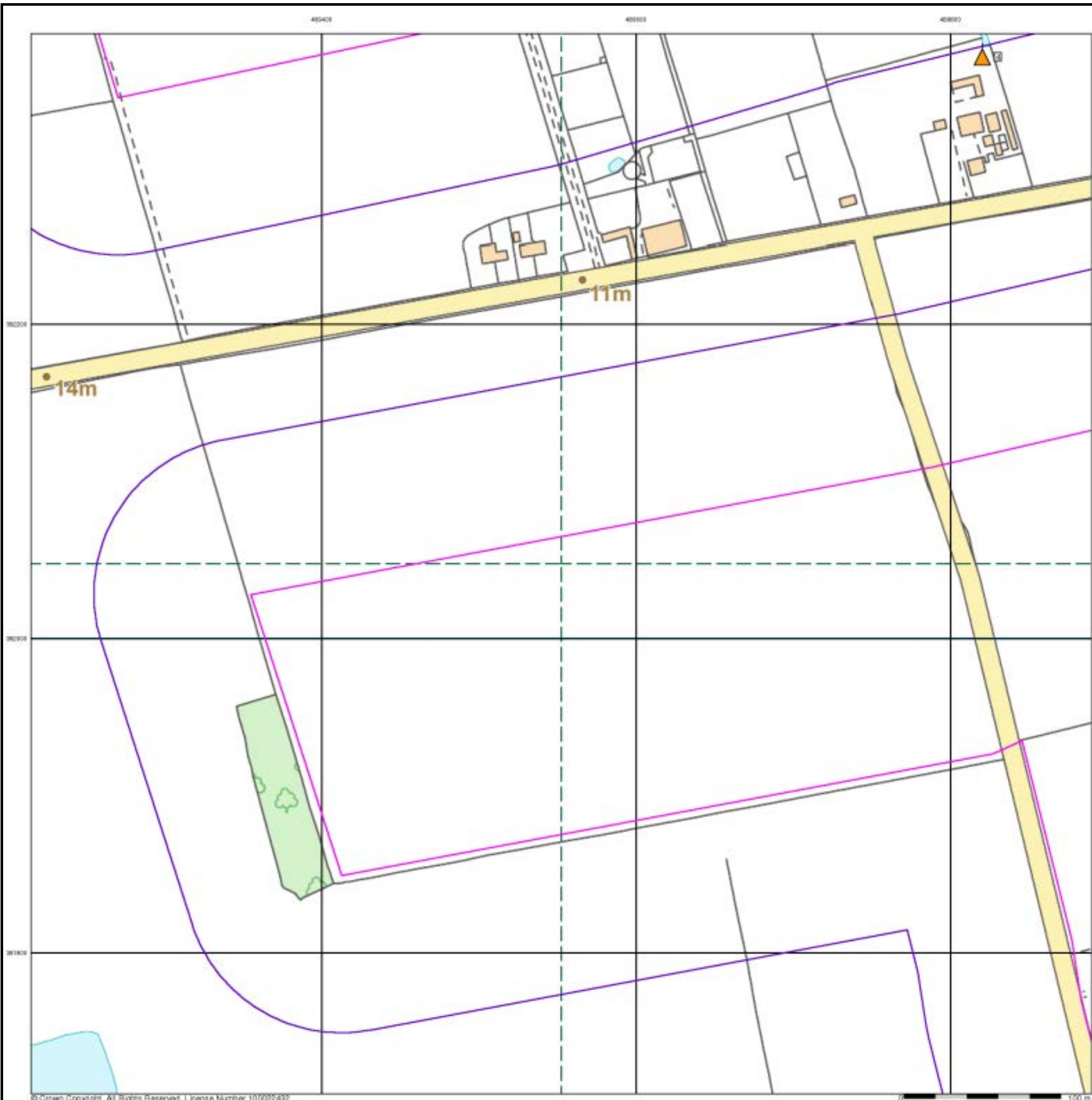


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



**General**

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

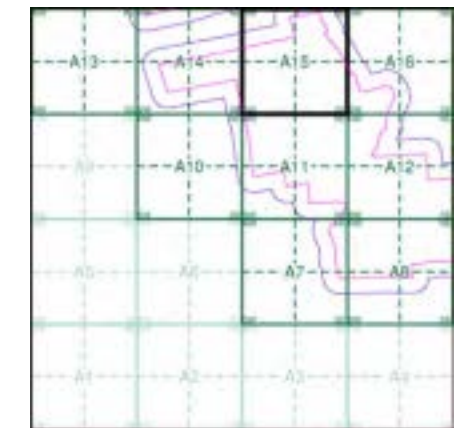
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment A15**



**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1


















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#### General

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

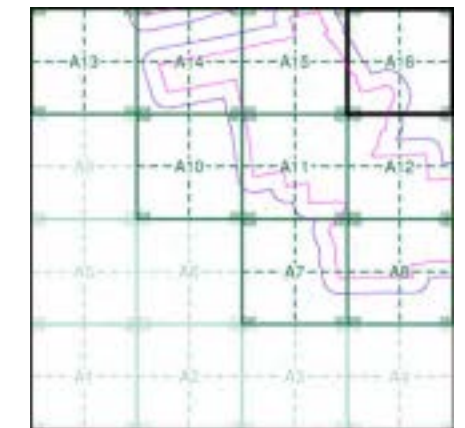
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1980			

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features			

#### Mining and Ground Stability - Segment A16

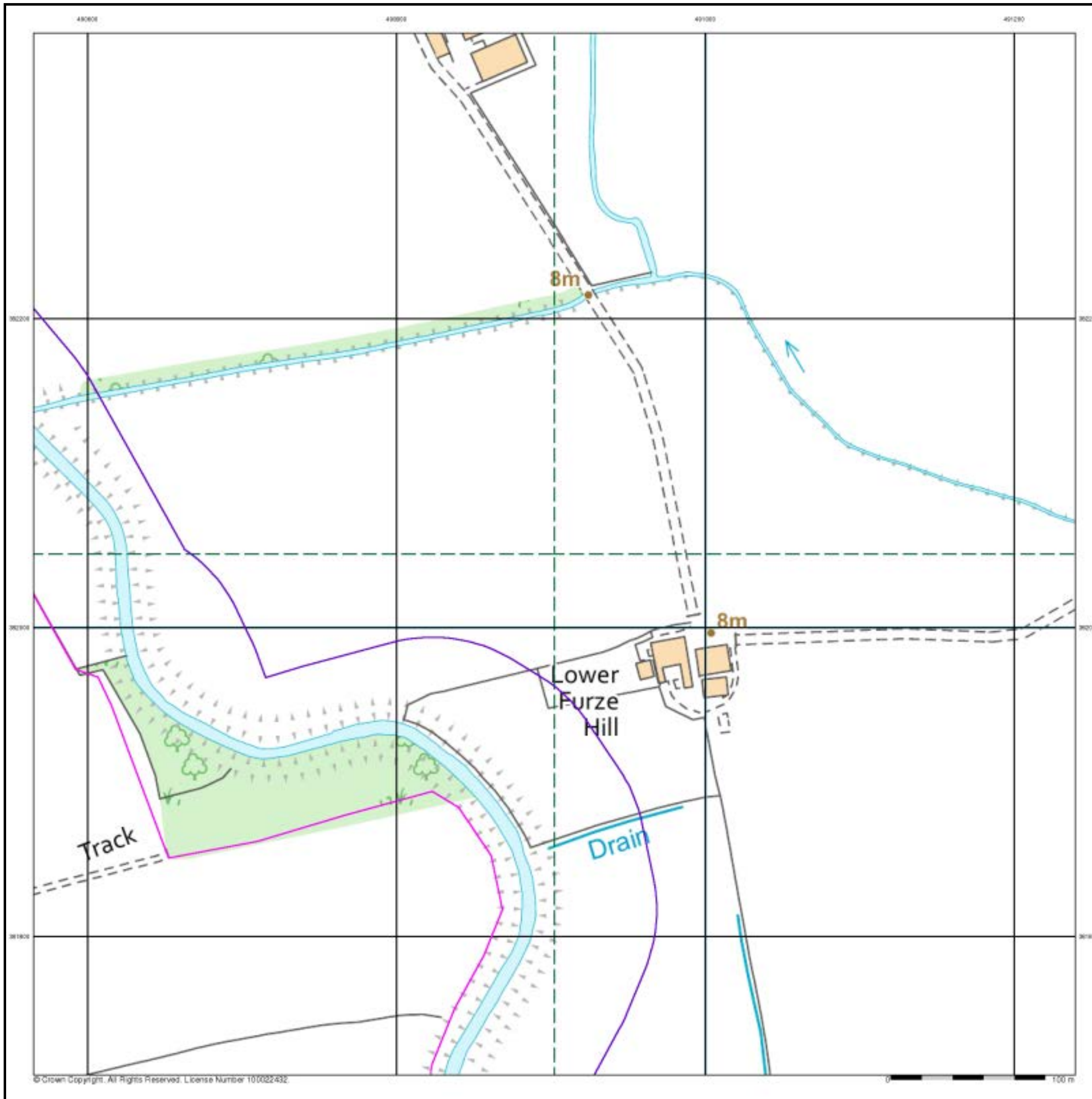


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100





#### Site Details

Cottam 1





# Geology 1:50,000 Maps Legends

## Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Not Supplied - Quaternary

## Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHAM	Charmouth Mudstone Formation	Mudstone	Not Supplied - Sinemurian
	SMD	Scunthorpe Mudstone Formation	Mudstone and Limestone, Interbedded	Not Supplied - Rhaetian



## Geology 1:50,000 Maps

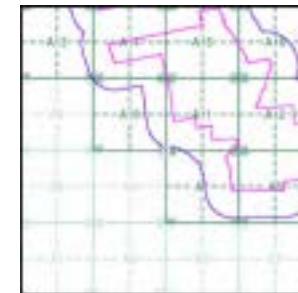
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:	102
Map Name:	Market Rasen
Map Date:	1999
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Not Available
Faults:	Not Supplied
Landslip:	Not Available
Rock Segments:	Not Supplied

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



## Order Details:

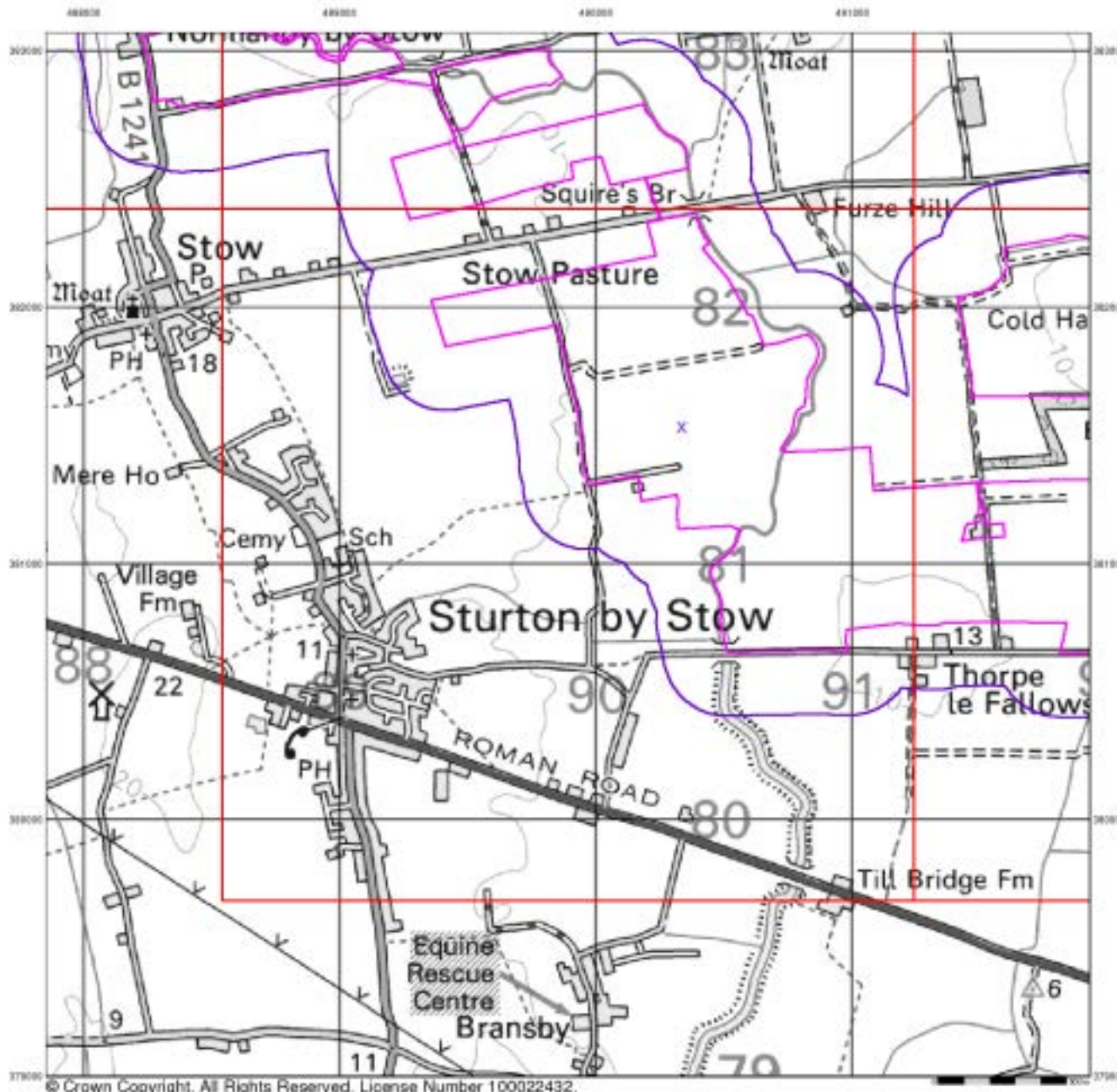
Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	490330, 381530
Slice:	A
Site Area (Ha):	884.45
Search Buffer (m):	250

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### Artificial Ground and Landslip

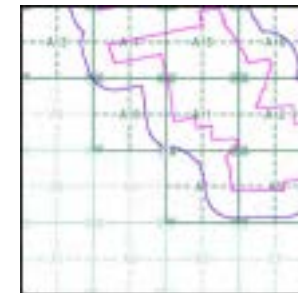
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions 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: 287330989\_1\_1  
 Customer Reference: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

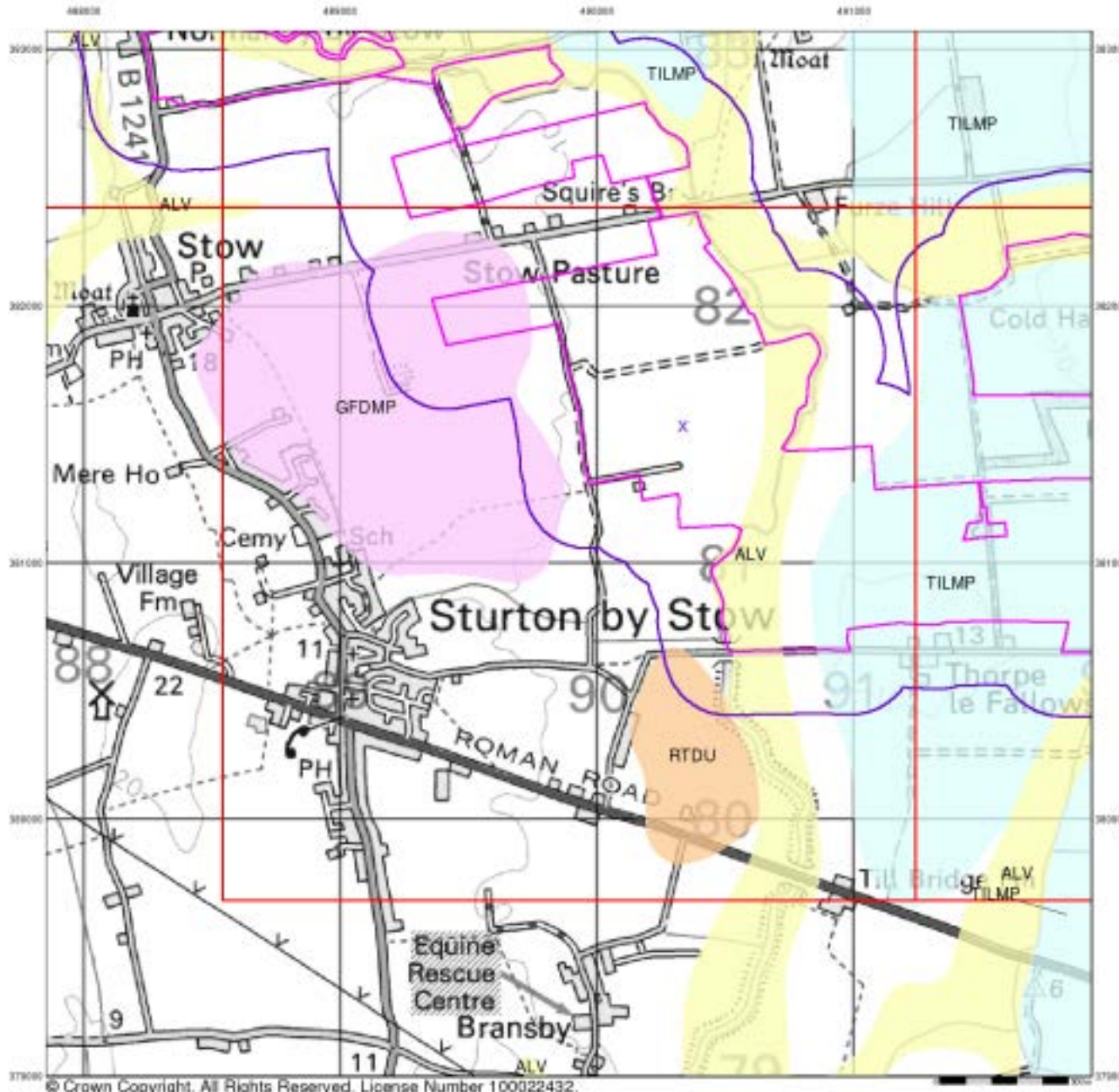
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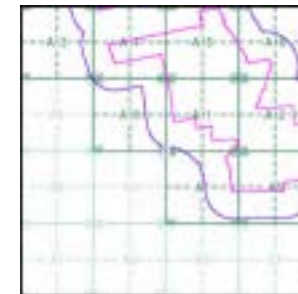
### Superficial Geology

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:

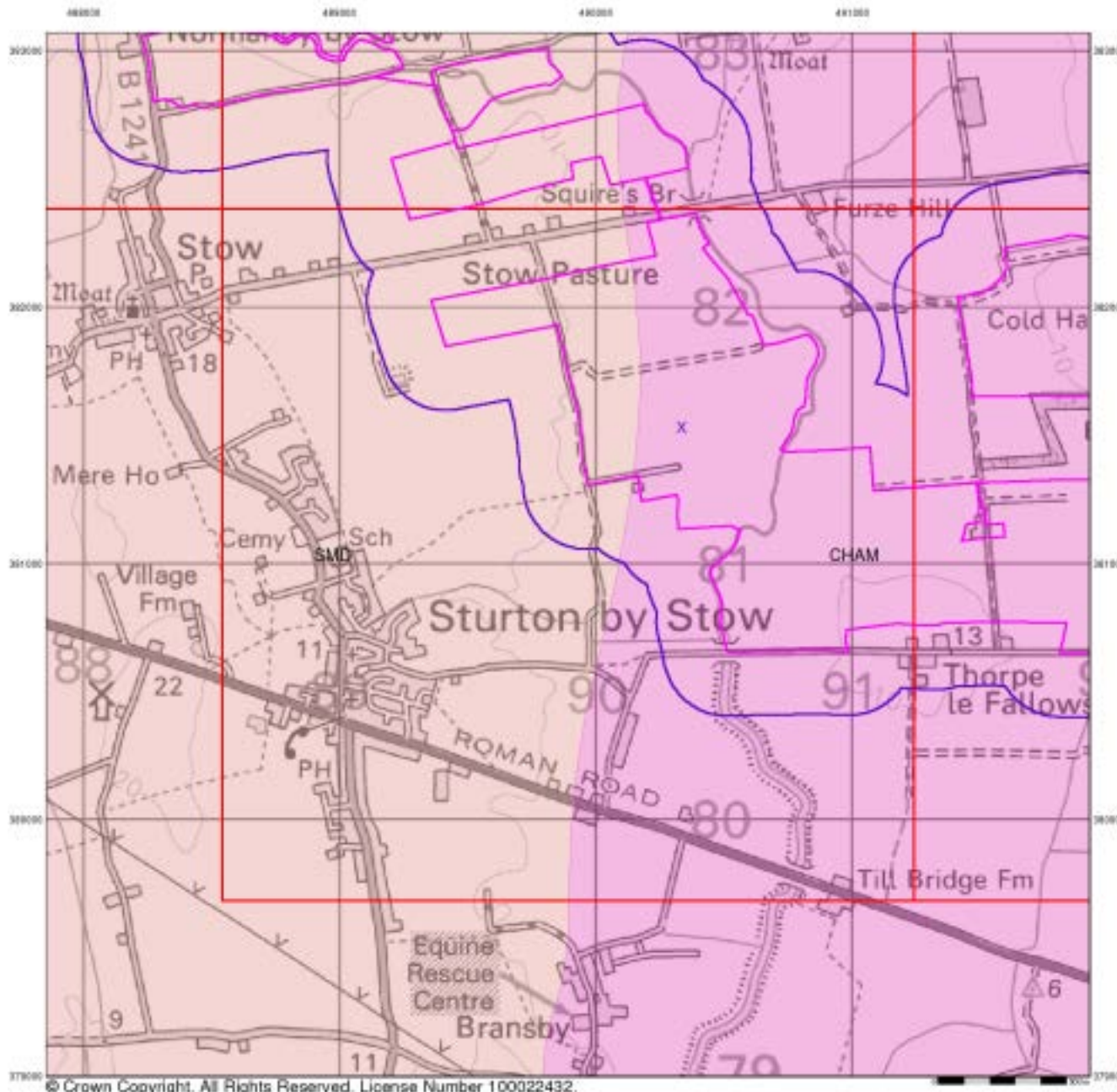
Order Number: 287330989\_1\_1  
 Customer Reference: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

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### Bedrock and Faults

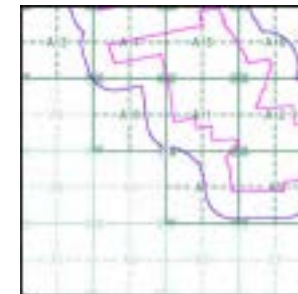
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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:

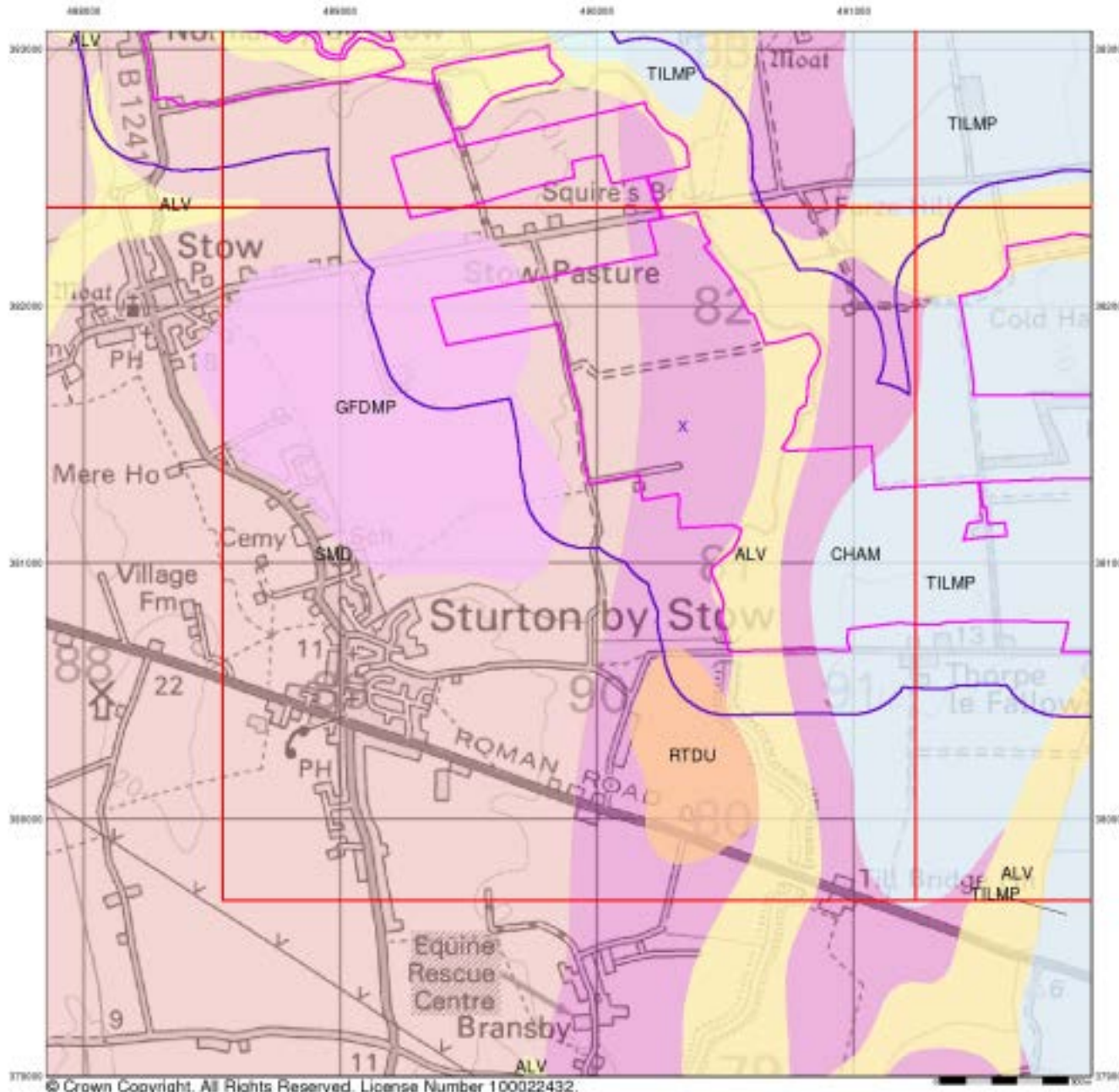
Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	490330, 381530
Slice:	A
Site Area (Ha):	884.45
Search Buffer (m):	250

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### Combined Surface Geology

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

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

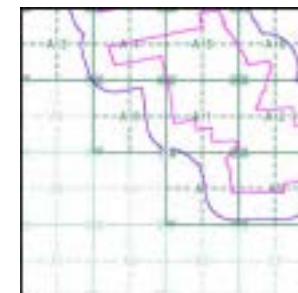
### Additional Information

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

### Contact

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

### Combined Geology Map - Slice A



### Order Details:

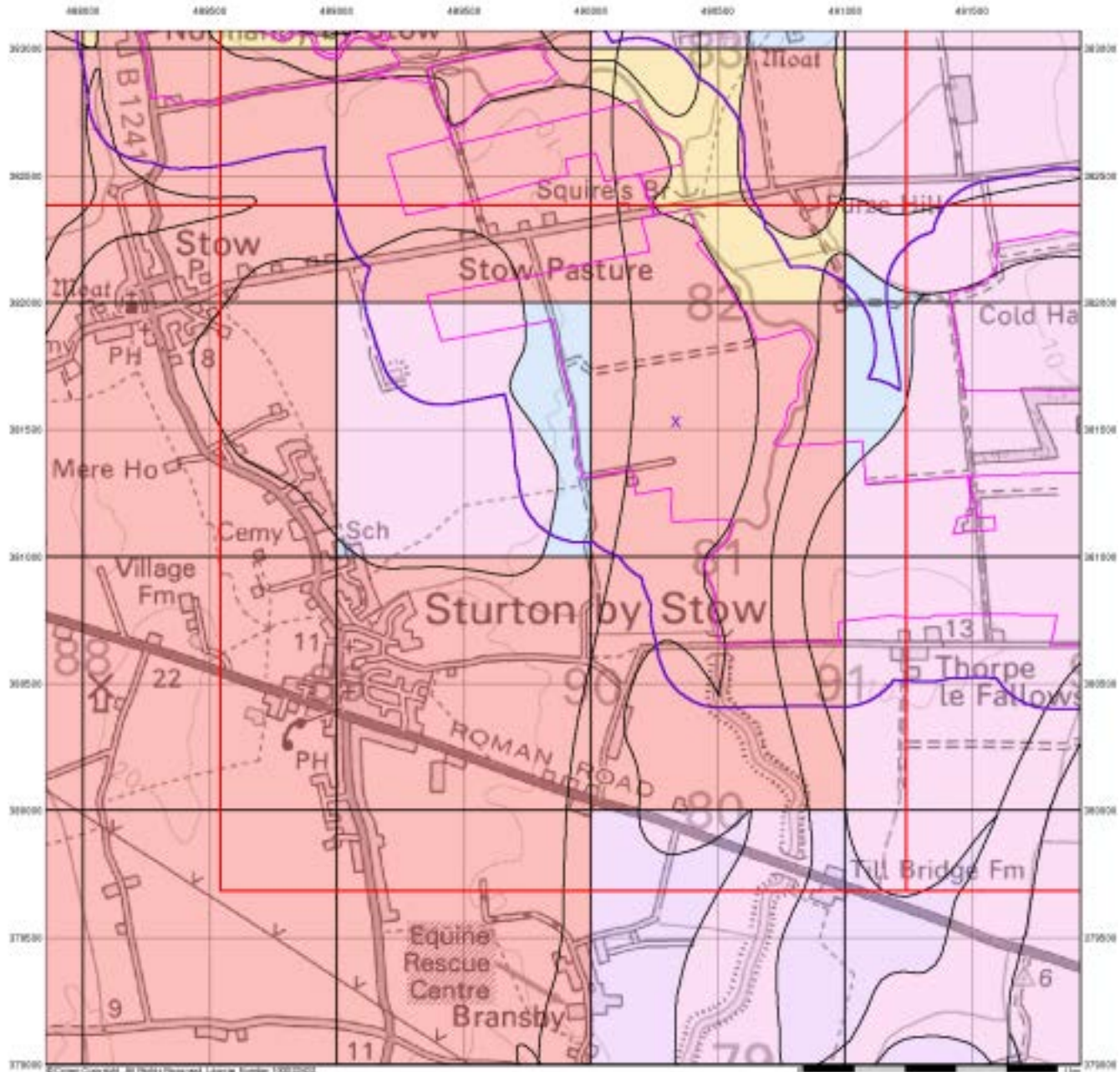
Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	490330, 381530
Slice:	A
Site Area (Ha):	884.45
Search Buffer (m):	250

### Site Details:

Cottam 1



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## Groundwater Vulnerability

### General

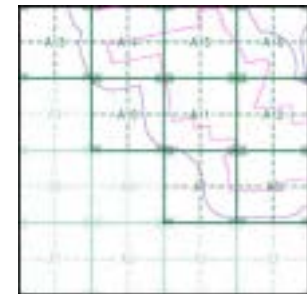
- ◇ Specified Site
- ◇ Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
<span style="color: red;">■</span> High Vulnerability, Principal Aquifer	<span style="color: orange;">■</span> High Vulnerability, Principal Aquifer
<span style="color: orange;">■</span> High Vulnerability, Secondary Aquifer	<span style="color: yellow;">■</span> High Vulnerability, Secondary Aquifer
<span style="color: purple;">■</span> Medium Vulnerability, Principal Aquifer	<span style="color: magenta;">■</span> Medium Vulnerability, Principal Aquifer
<span style="color: lightpurple;">■</span> Medium Vulnerability, Secondary Aquifer	<span style="color: pink;">■</span> Medium Vulnerability, Secondary Aquifer
<span style="color: blue;">■</span> Low Vulnerability, Principal Aquifer	<span style="color: teal;">■</span> Low Vulnerability, Principal Aquifer
<span style="color: lightblue;">■</span> Low Vulnerability, Secondary Aquifer	<span style="color: lightcyan;">■</span> Low Vulnerability, Secondary Aquifer

- Unproductive Aquifer
- ⋯ Soluble Rock

### Site Sensitivity Context Map - Slice A



### Order Details

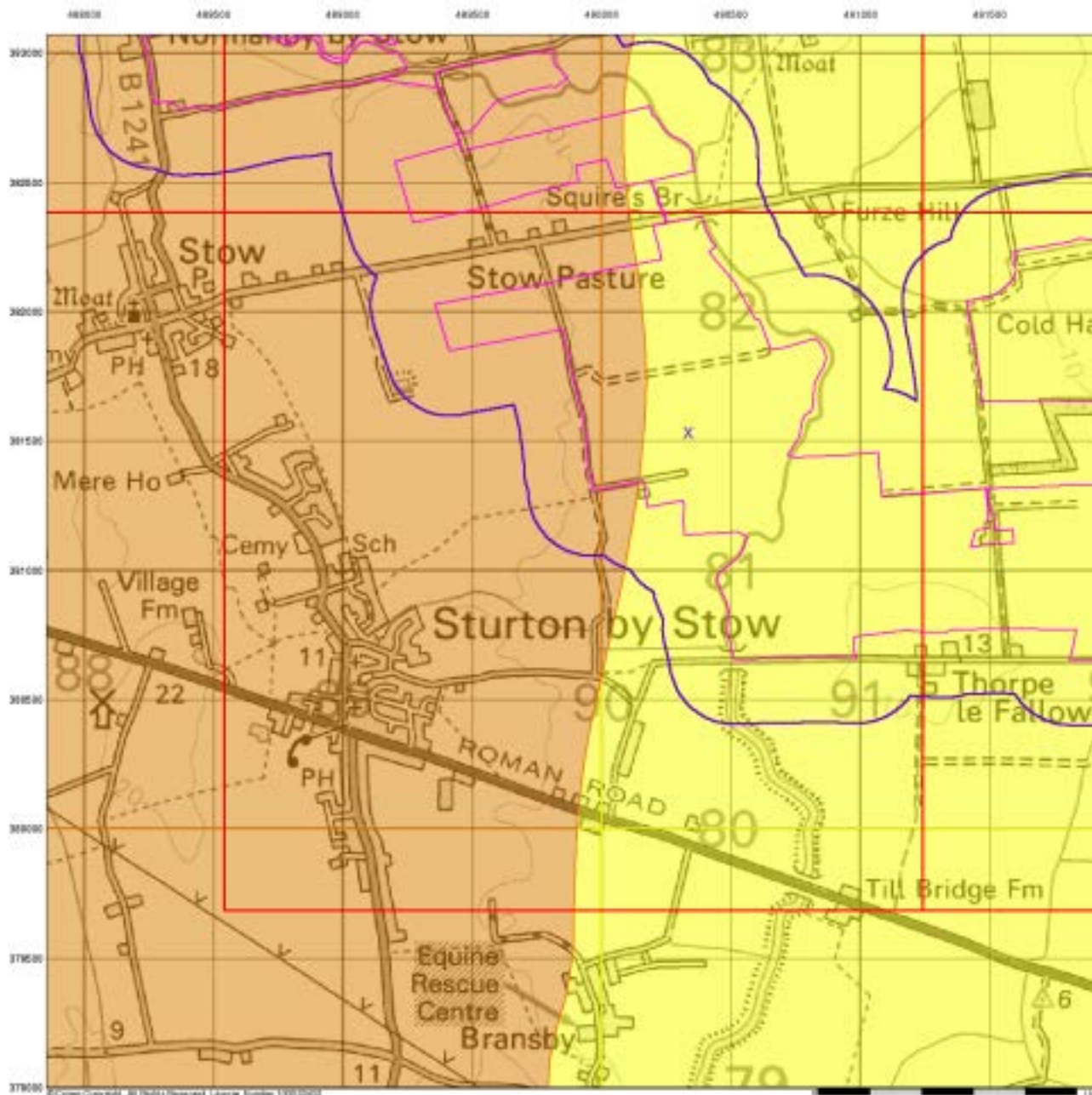
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

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## Bedrock Aquifer Designation

### General

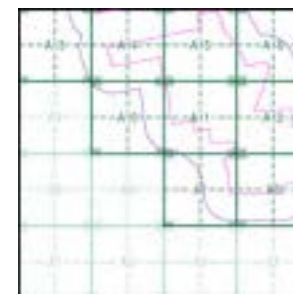
- ◇ Specified Site
- ⬭ Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

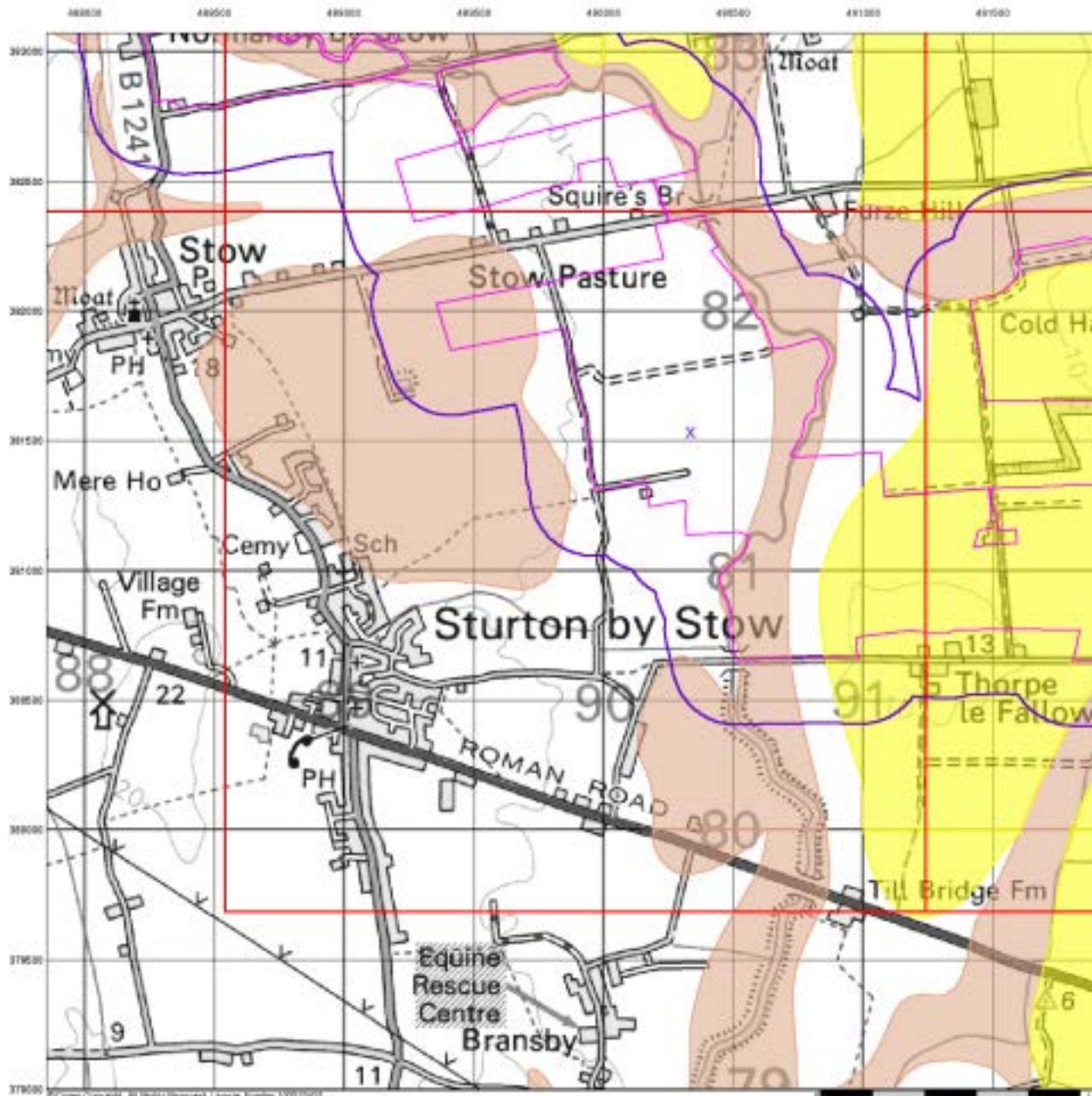
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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## Superficial Aquifer Designation

### General

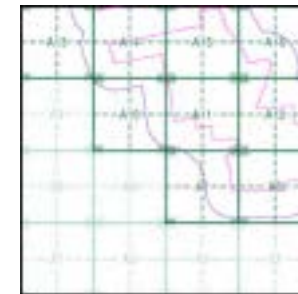
- ◇ Specified Site
- ⬭ Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

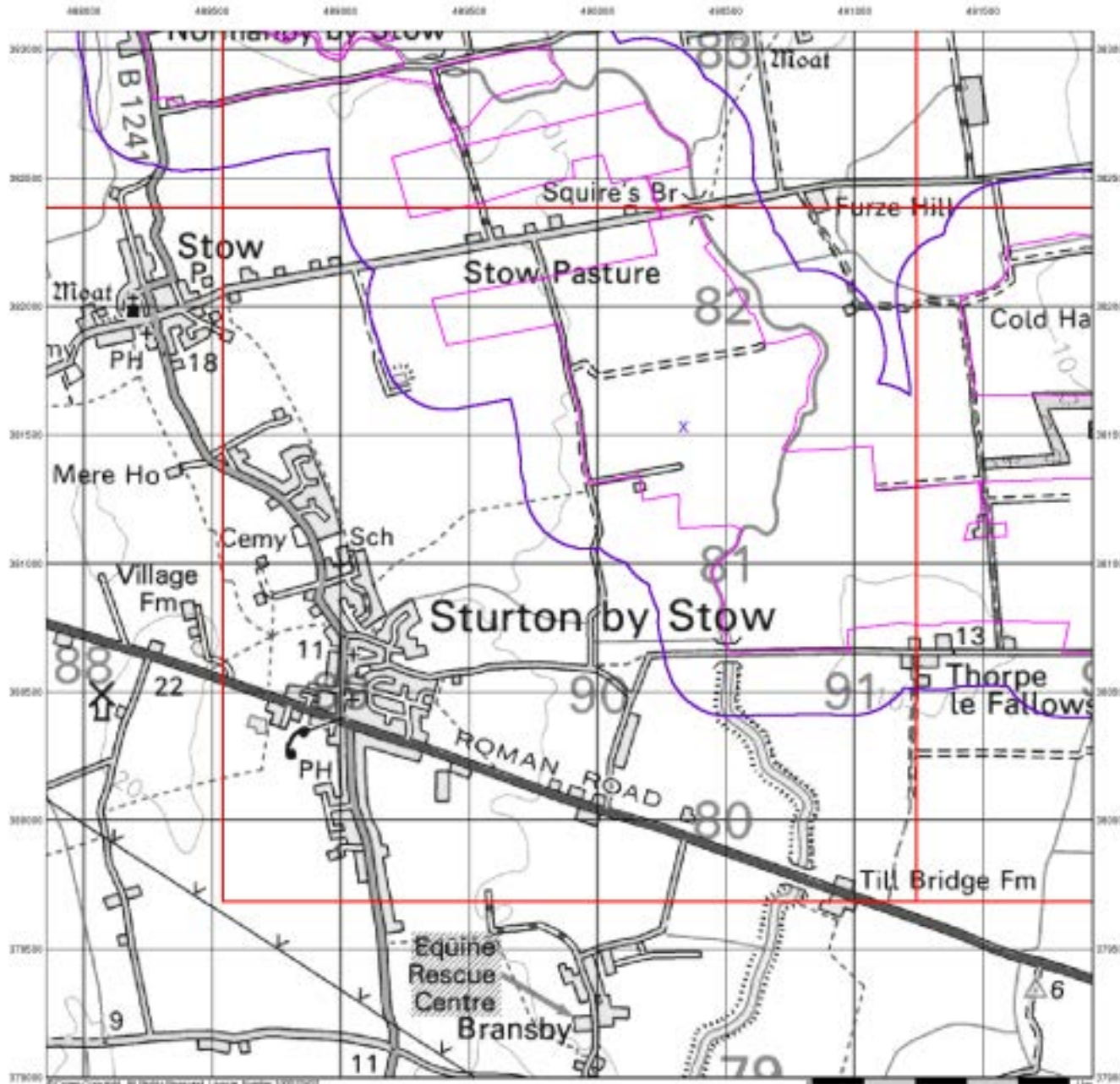
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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## Source Protection Zones

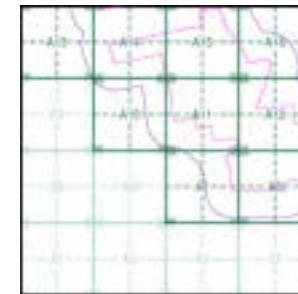
### General

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

### Agency and Hydrological

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

### Site Sensitivity Context Map - Slice A



### Order Details

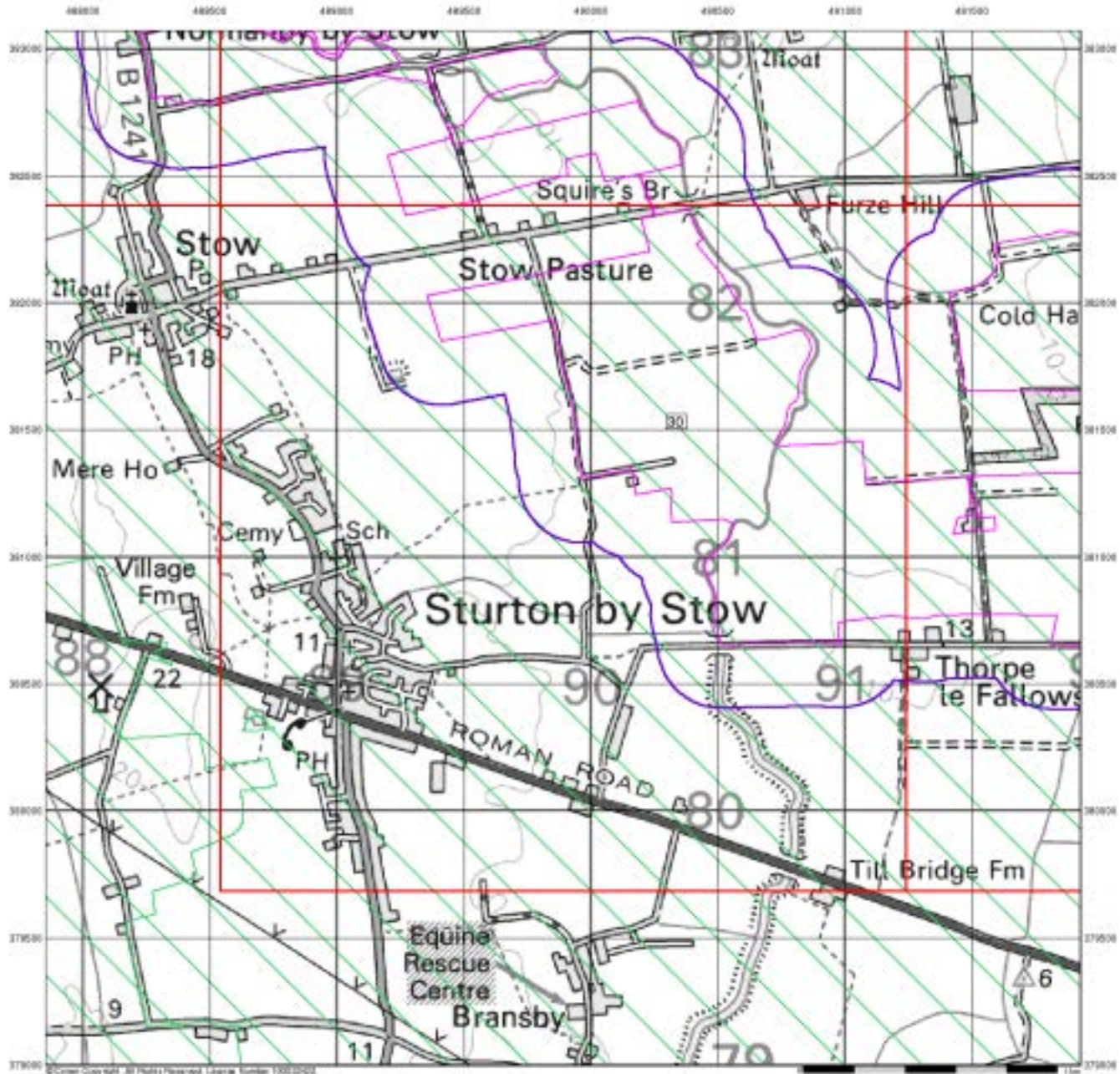
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

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## Sensitive Land Uses

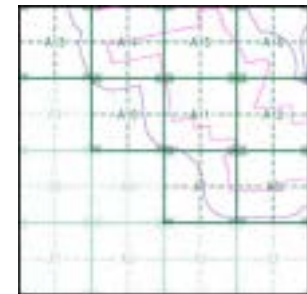
### General

- ◇ 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 A



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

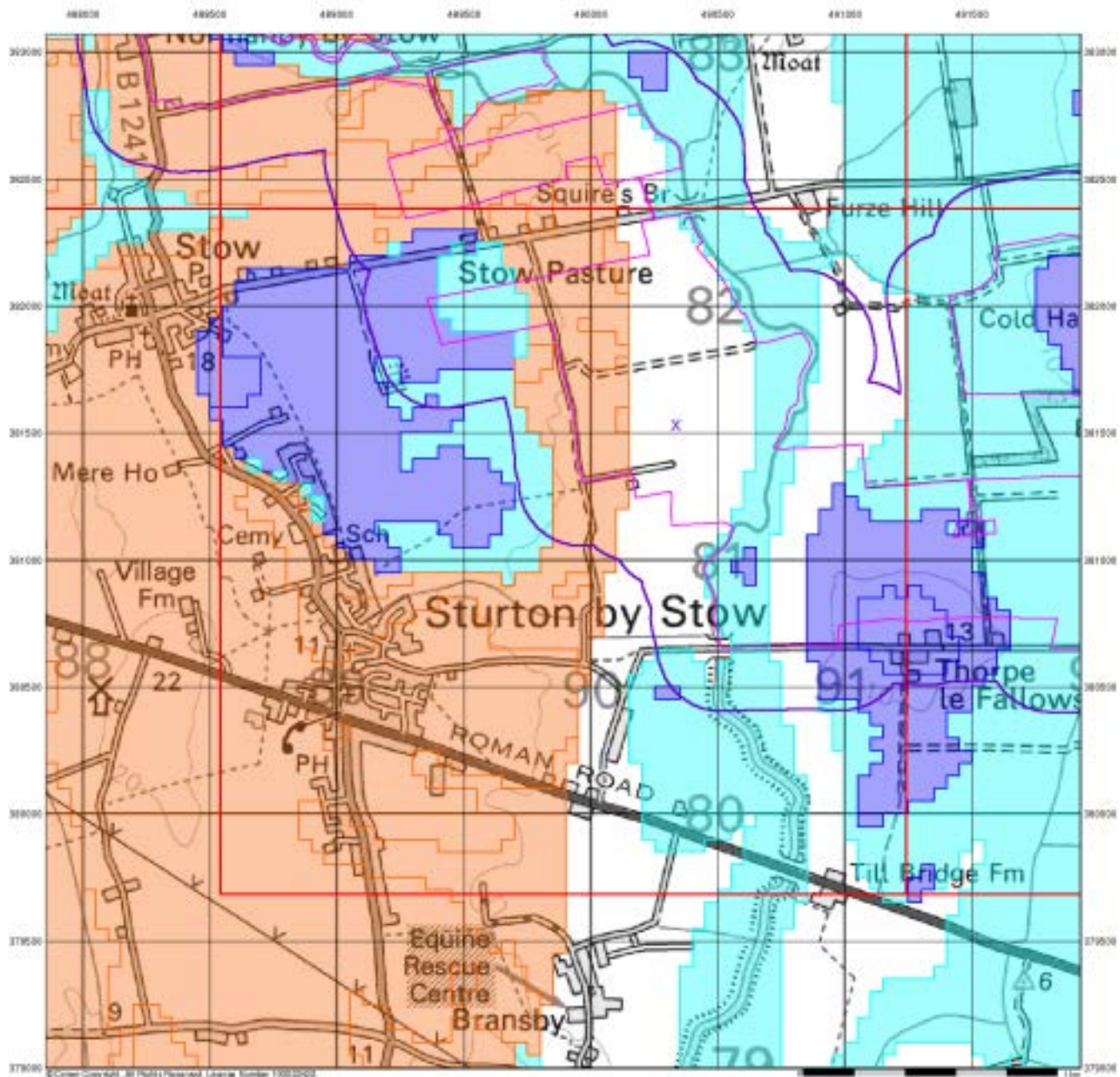
### Site Details

Cottam 1



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**BGS Flood GFS Data**

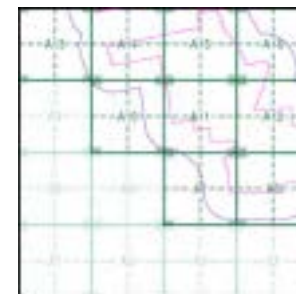
**General**

- Specified Site
- Specified Buffer
- 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: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490330, 381530  
 Slice: A  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

**Site Details**

Cottam 1



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## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

287330989\_1\_1

**Customer Reference:**

21-1088.02

**National Grid Reference:**

492150, 381560

**Slice:**

B

**Site Area (Ha):**

884.45

**Search Buffer (m):**

250

#### Site Details:

Cottam 1

#### Client Details:

Mr A Howells  
Delta Simons  
3 Henley Office Park  
Doddington Road  
Lincoln  
LN6 3QR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	14
Hazardous Substances	-
Geological	15
Industrial Land Use	-
Sensitive Land Use	18
Data Currency	19
Data Suppliers	24
Useful Contacts	25

## Introduction

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

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## Report Version v53.0

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Agency &amp; Hydrological</b>			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 1	1	1
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 2	Yes	
Pollution Incidents to Controlled Waters			
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality			
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 2	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Groundwater Vulnerability - Local Information			n/a
Bedrock Aquifer Designations	pg 9	Yes	n/a
Superficial Aquifer Designations	pg 9	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 9	Yes	Yes
Flooding from Rivers or Sea without Defences	pg 10	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences	pg 10		Yes
OS Water Network Lines	pg 10	11	17

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Waste</b>			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 14	2	n/a
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)	pg 14	1	4
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
<b>Hazardous Substances</b>			
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 (*up to 500m)
<b>Geological</b>			
BGS 1:625,000 Solid Geology	pg 15	Yes	n/a
BGS Estimated Soil Chemistry	pg 15	Yes	Yes
BGS Recorded Mineral Sites			
BGS Urban Soil Chemistry			
BGS Urban Soil Chemistry Averages			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 16	Yes	
Potential for Compressible Ground Stability Hazards	pg 16	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 16	Yes	
Potential for Running Sand Ground Stability Hazards	pg 16	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 17	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a
<b>Industrial Land Use</b>			
Contemporary Trade Directory Entries			
Fuel Station Entries			
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			
Gas Pipelines			
Underground Electrical Cables			

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Sensitive Land Use</b>			
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 18	1	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	492700 383000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B10NW (S)	0	1	492151 381559
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B15NW (NE)	0	1	492600 382300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B15NW (NE)	0	1	492900 382300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	492100 382550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5NW (SW)	0	1	491400 380800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9SW (SW)	0	1	491550 381150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B9SW (SW)	0	1	491450 381150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	490650 381050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B10NW (E)	0	1	492250 381550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B15NW (NE)	1	1	492800 382350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B15SE (E)	3	1	493100 381850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B16SW (E)	124	1	493300 381750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	210	1	491050 380450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	229	1	493400 382650
1	<b>Discharge Consents</b> Operator: Limestone Farming Company Property Type: Undefined Or Other Location: Crewyards At Coldharbour Farm, Coldharbour Farm Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr3nfs1615 Permit Version: 1 Effective Date: 12th March 1969 Issued Date: 12th March 1969 Revocation Date: 19th February 1992 Discharge Type: Trade Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Till <b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b> Positional Accuracy: Located by supplier to within 10m	B14SE (N)	0	2	492280 381990



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: Mrs Bosworth  Property Type: Domestic Property (Single)  Location: The Lodge, Thorpe In The Fallows, Lincoln, Ln1 2dr  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Pr3nfs1616  Permit Version: 1  Effective Date: 12th March 1969  Issued Date: 12th March 1969  Revocation Date: 19th February 1992  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Till  <b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	B5SE (SW)	124	2	491600 380650
	<p><b>Nearest Surface Water Feature</b></p>	B10SE (SE)	0	-	492341 381200
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability  Combined Vulnerability: High  Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer  Pollutant Speed: Low  Bedrock Flow: Well Connected Fractures  Dilution: &lt;300 mm/year  Baseflow Index: 40-70%  Superficial Patchiness: &lt;90%  Superficial Thickness: &lt;3m  Superficial Recharge: No Data</p>	(W)	0	3	491000 381313
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability  Combined Vulnerability: High  Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer  Pollutant Speed: Low  Bedrock Flow: Well Connected Fractures  Dilution: &lt;300 mm/year  Baseflow Index: 40-70%  Superficial Patchiness: &lt;90%  Superficial Thickness: &lt;3m  Superficial Recharge: No Data</p>	(W)	0	3	490888 381780
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures  Dilution: &lt;300 mm/year  Baseflow Index: 40-70%  Superficial Patchiness: &lt;90%  Superficial Thickness: &lt;3m  Superficial Recharge: Low</p>	B10NW (W)	0	3	492000 381559

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	B10NW (S)	0	3	492151 381559
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	B14SE (N)	0	3	492298 381951
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: High</p>	(SW)	0	3	491000 381000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: High</p>	(W)	0	3	490714 381000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: 3-10m            Superficial Recharge: Low</p>	B6NW (S)	0	3	492000 381000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: 3-10m            Superficial Recharge: Low</p>	B6SW (S)	0	3	492000 380668
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	B6NW (S)	0	3	492151 381000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	B6NE (S)	0	3	492345 381000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(NW)	0	3	491000 382193
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	B14SW (N)	0	3	492000 382000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	B14NW (N)	0	3	492000 382165
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: &gt;70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: High</p>	B14SE (NE)	0	3	492376 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: &gt;70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: High</p>	B14SW (N)	0	3	492151 382000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: &gt;70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: High</p>	B14SW (N)	0	3	492241 382000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	B15SE (NE)	0	3	493131 382000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: High</p>	(SW)	0	3	490845 381000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(N)	0	3	492359 383000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(N)	0	3	492151 383000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(W)	0	3	491000 381559
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(W)	0	3	490658 381585

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	B9NW (W)	0	3	491255 381675
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	B10SE (SE)	0	3	492550 381199
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	B11NE (E)	0	3	493000 381559
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	(W)	0	3	490586 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Poorly Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: High	B14NE (N)	0	3	492400 382278
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Poorly Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low	B15SE (NE)	0	3	493000 382000
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	B10NW (S)	0	3	492151 381559
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(N)	0	3	491959 382495
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	B6NE (SE)	0	3	492405 381031
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	B14SE (N)	0	3	492298 381951
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	B10NW (S)	0	3	492151 381559
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	B15SE (E)	0	3	493121 381885
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B6SW (S)	0	2	491975 380660
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B10SE (SE)	0	2	492400 381065
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	B6SW (S)	0	2	492073 380693
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B9NE (W)	0	2	491725 381550
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SE (S)	5	2	491810 380678



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B9NW (W)	13	2	491461 381558
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SE (S)	51	2	491803 380602
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	B5SE (S)	119	2	491902 380532
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B10SE (SE)	0	2	492400 381065
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B9NE (W)	0	2	491670 381580
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	B6SW (S)	16	2	492070 380633
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	B6SW (S)	17	2	492088 380632
3	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 445.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B14NW (N)	0	4	492026 382261
4	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 136.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B14NW (N)	0	4	492035 382263
5	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 292.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B14NW (N)	0	4	492164 382304
6	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 69.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B15SW (NE)	0	4	492908 381878
7	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 514.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B15SE (E)	0	4	492978 381880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 706.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B14NW (N)	0	4	492164 382304
9	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 251.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B16NW (NE)	0	4	493297 382162
10	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B16NW (NE)	0	4	493297 382162
11	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1078.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B10NE (E)	0	4	492371 381553
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1426.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B9NE (W)	0	4	491795 381414
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 257.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B9NW (W)	0	4	491469 381672
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B14NW (N)	1	4	492026 382261
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 13.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B15SE (E)	3	4	492979 381867
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 139.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B15SE (E)	3	4	492978 381880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B16NW (NE)	3	4	493300 382161
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 233.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B9NE (W)	3	4	491684 381650
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B13NE (NW)	4	4	491581 382218
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 606.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B10SE (SE)	4	4	492402 381044
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 521.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B16NW (NE)	9	4	493306 382161
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 789.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B13NW (NW)	10	4	491572 382121
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1299.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B6SW (S)	11	4	492082 380637
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 15.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B9NW (W)	12	4	491451 381651
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 116.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B9NW (W)	13	4	491460 381537

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 556.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B11SW (E)	16	4	492890 381366
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 325.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	B9NW (W)	17	4	491448 381665
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B10SE (SE)	135	4	492463 381064
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 493.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B10SE (SE)	142	4	492471 381066
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 274.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B5SE (S)	175	4	491914 380477

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: West Lindsey District Council - Has no landfill data to supply		0	5	492151 381559
	<b>Local Authority Landfill Coverage</b> Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	492151 381559
31	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	B9SW (SW)	0	-	491513 381085
32	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	B5NW (SW)	22	-	491352 380744
33	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	B5NW (SW)	32	-	491250 380731
34	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	B5NW (SW)	63	-	491410 380710
35	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	B5SW (SW)	212	-	491327 380548

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Lias Group	B10NW (S)	0	1	492151 381559
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B6NW (S)	0	1	492151 381000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	B14NE (N)	0	1	492400 382278
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B10NW (S)	0	1	492151 381559
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B10SE (SE)	0	1	492550 381199
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B15SE (E)	0	1	493121 381885
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B9NW (W)	0	1	491255 381675

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	B6NE (SE)	93	1	492482 381000
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B14SE (N)	0	1	492298 381951
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B6NE (SE)	0	1	492405 381031
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NW (S)	0	1	492151 381559
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NW (S)	0	1	492151 381559
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B14SE (N)	0	1	492298 381951
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B6NE (SE)	0	1	492405 381031
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NW (S)	0	1	492151 381559
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NW (S)	0	1	492151 381559
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B15SE (E)	0	1	493121 381885
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(N)	0	1	491959 382495
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10SE (SE)	0	1	492550 381199
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NW (W)	0	1	491255 381675
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NW (S)	0	1	492151 381559
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B14SE (N)	0	1	492298 381951

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B6NE (SE)	0	1	492405 381031
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10SE (SE)	93	1	492565 381101
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B10NW (S)	0	1	492151 381559
	<b>Radon Potential - Radon Affected Areas</b> 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	B10NW (S)	0	1	492151 381559
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	B10NW (S)	0	1	492151 381559



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	<b>Nitrate Vulnerable Zones</b> Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	B10NW (S)	0	3	492151 381559

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	June 2020 September 2017	Annually Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Anglian Region	July 2021	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Anglian Region	March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - Anglian Region	January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Anglian Region	July 2021	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> West Lindsey District Council - Environmental Health Department	November 2014	Variable
<b>Local Authority Pollution Prevention and Controls</b> West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> West Lindsey District Council - Environmental Health Department	November 2014	Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	August 2021	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Anglian Region	September 1999	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Anglian Region	July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Anglian Region	March 2013	
<b>Registered Radioactive Substances</b> Environment Agency - Anglian Region	June 2016	Annually
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Water Abstractions</b> Environment Agency - Anglian Region	July 2021	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region	October 2017	Quarterly
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Source Protection Zones</b> Environment Agency - Head Office	May 2021	Bi-Annually
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2021	Quarterly

Agency & Hydrological	Version	Update Cycle
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	July 2021	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	February 2016	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	May 2021	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Anglian Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Local Authority Landfill Coverage</b> Lincolnshire County Council West Lindsey District Council - Environmental Health Department	February 2003 February 2003	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Lincolnshire County Council West Lindsey District Council - Environmental Health Department	October 2018 October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Anglian Region - Northern Area	April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Anglian Region - Northern Area	June 2015	

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2010 February 2016	Variable Variable
<b>Planning Hazardous Substance Consents</b> Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2007 February 2016	Variable Variable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

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

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	February 2021	Bi-Annually
<b>Areas of Adopted Green Belt</b> West Lindsey District Council	October 2020	Quarterly
<b>Areas of Unadopted Green Belt</b> West Lindsey District Council	October 2020	Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	January 2021	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	February 2021	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Nature Reserves</b> Natural England	January 2021	Bi-Annually
<b>National Parks</b> Natural England	February 2018	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2016	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
<b>Ramsar Sites</b> Natural England	August 2020	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	February 2021	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	July 2020	Bi-Annually
<b>Special Protection Areas</b> Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>West Lindsey District Council - Environmental Health Department</b> The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	<b>Lincolnshire County Council</b> 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



## Historical Land Use Information (1:10,000)

### General

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

### Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

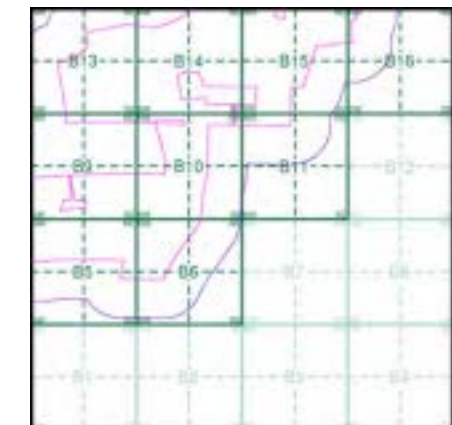
### Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

### Mining Data

- Potential Mining Area
- BGS Recorded Mineral Site

### Mining and Ground Stability - Slice B

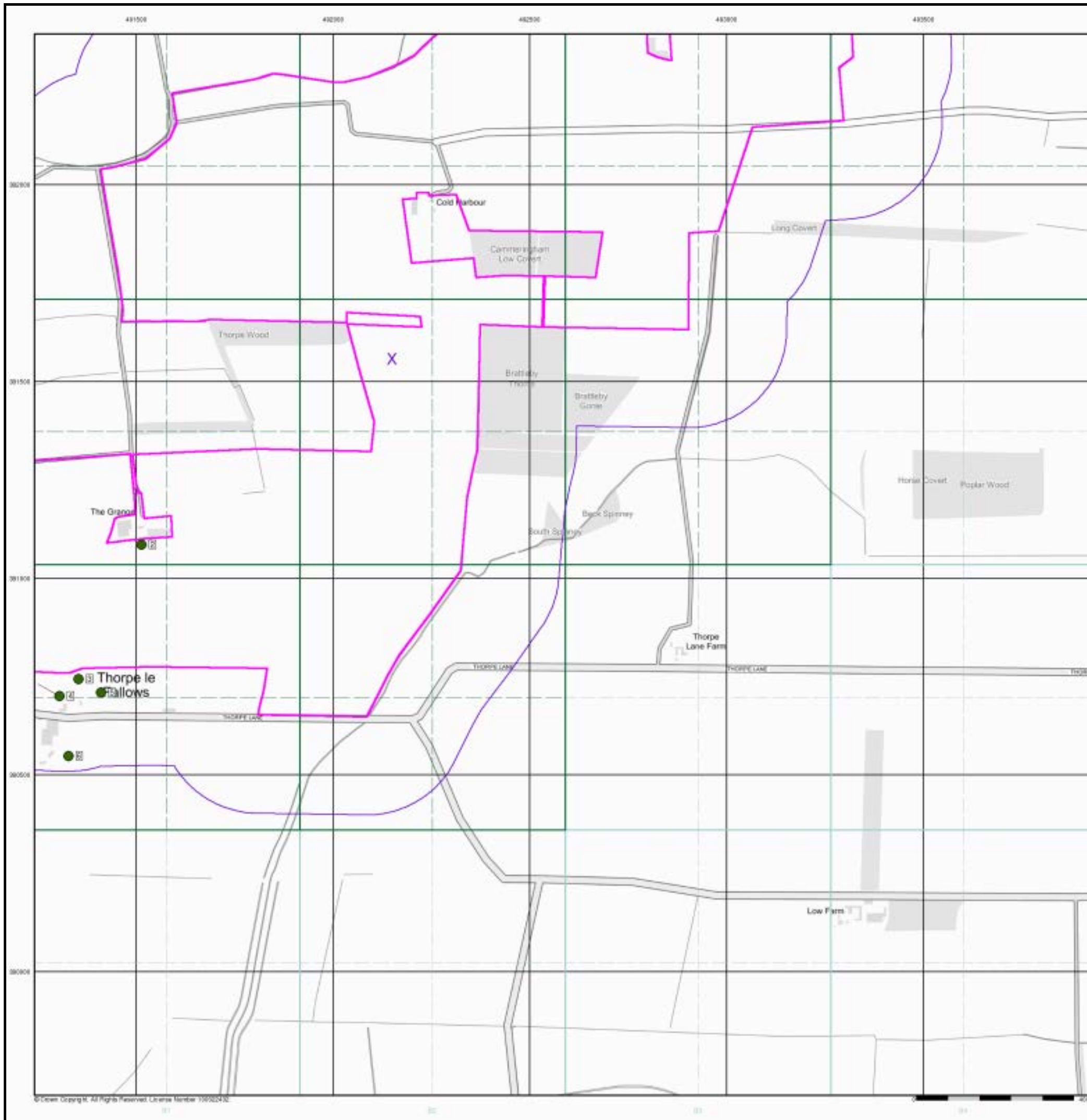


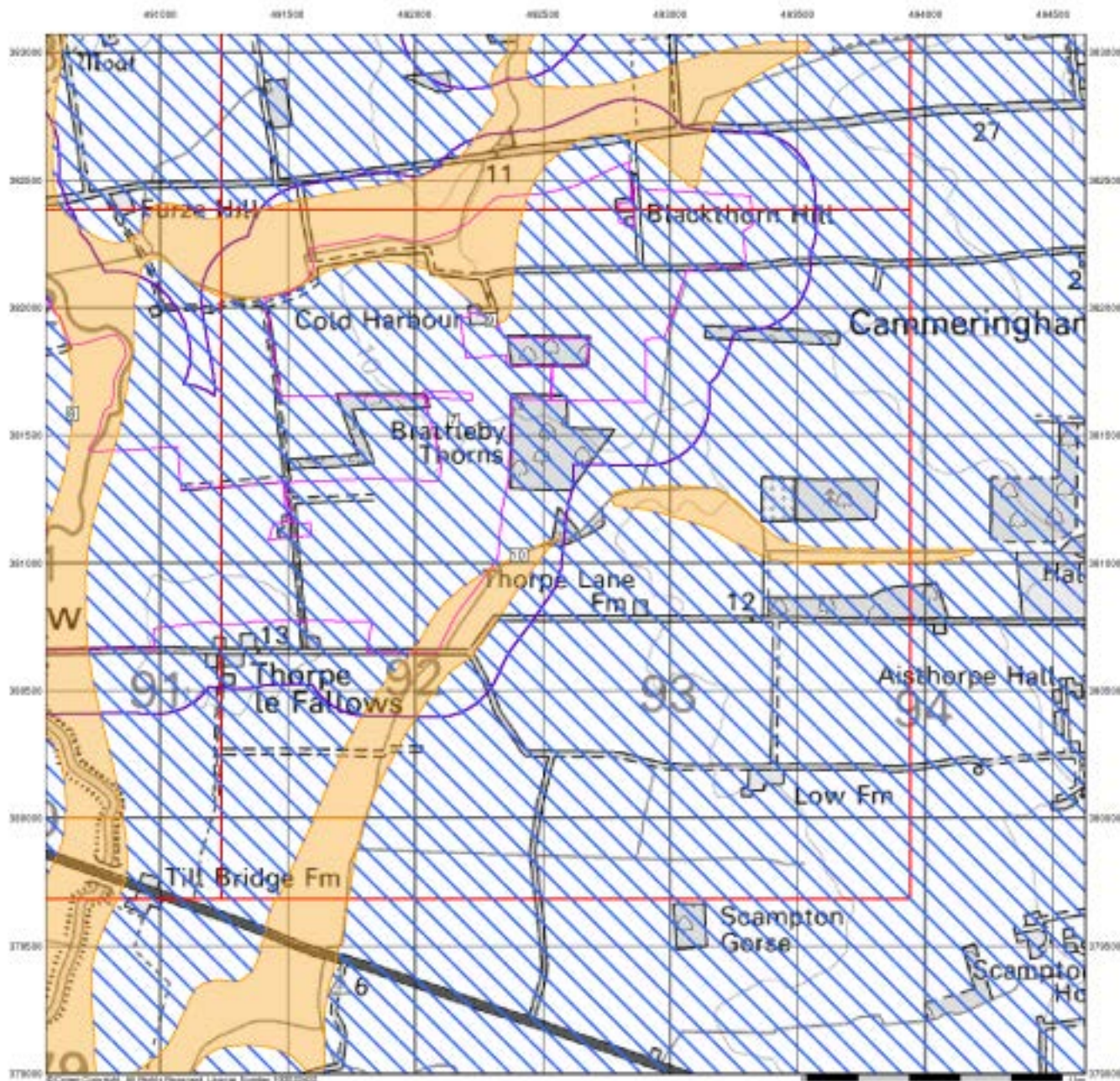
### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1





## Ground Stability Data (1:50,000)

### General

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

### Potential for Compressible Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

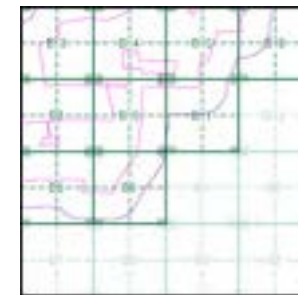
### Potential for Collapsible Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

### Brine Pumping and Salt Mining

- |                               | Point | Polygon |
|-------------------------------|-------|---------|
| Brine Pumping Related Feature |       |         |
| Salt Mining Related Feature   |       |         |

### Mining and Ground Stability - Slice B



### Order Details

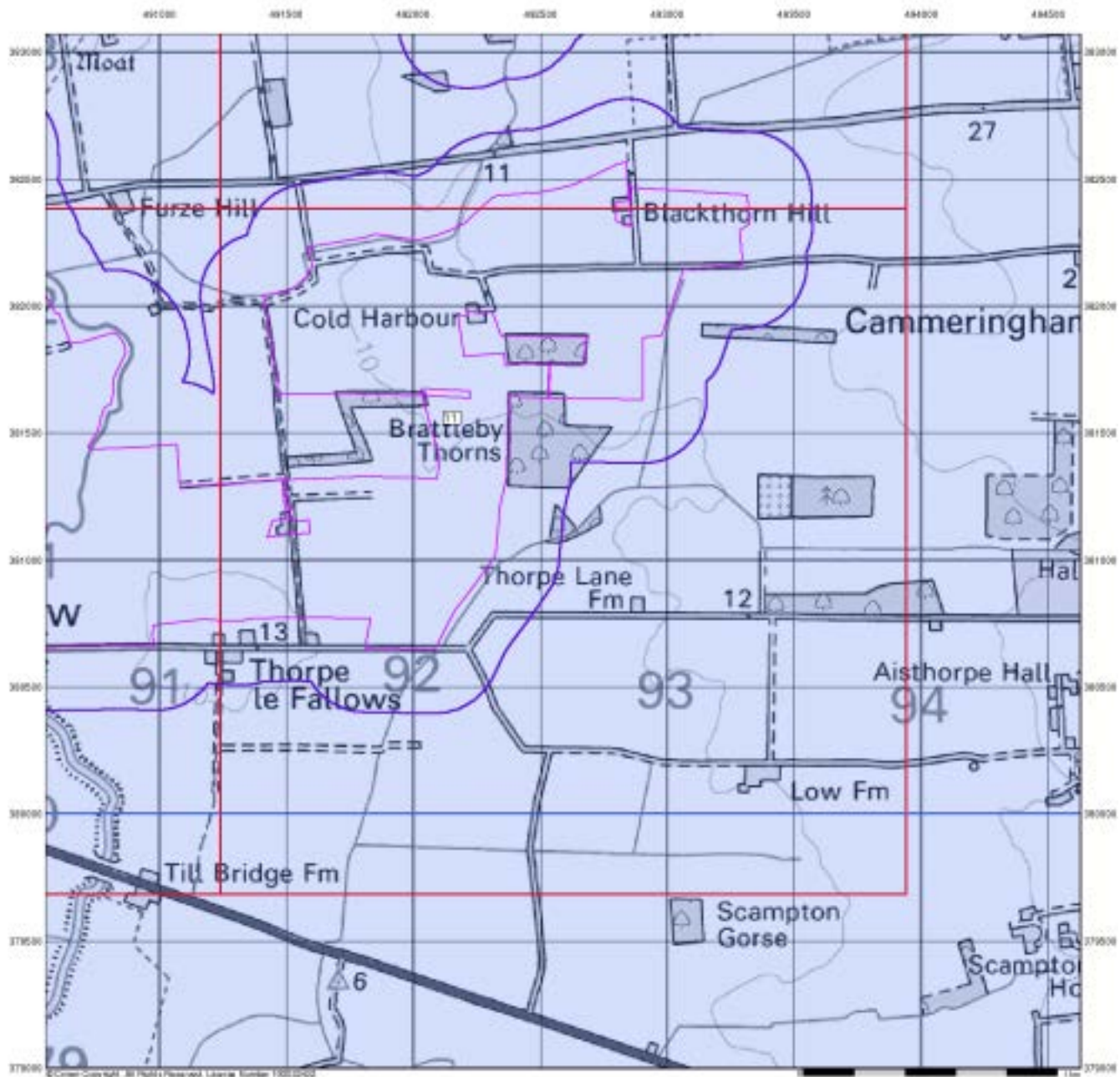
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Ground Stability Data (1:50,000)

### General

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

### Potential for Landslide Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Potential for Ground Dissolution Stability Hazards

- High
- Low
- Moderate
- Very Low

### Mining and Ground Stability - Slice B



### Order Details

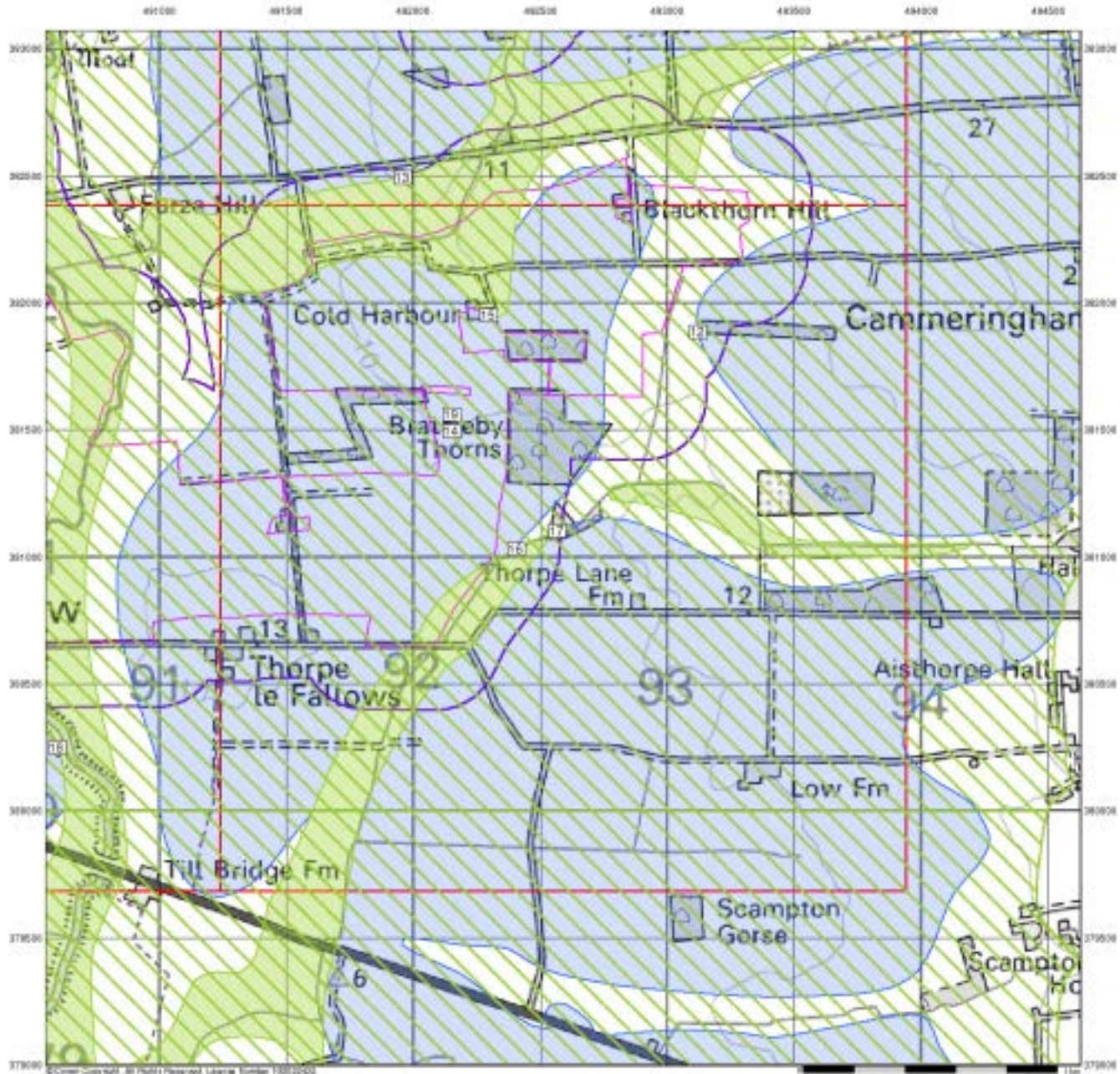
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Ground Stability Data (1:50,000)

### General

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

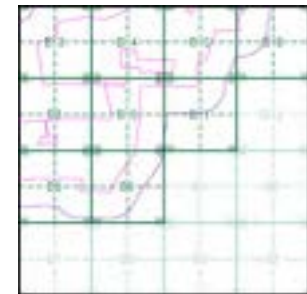
### Potential for Running Sand Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Mining and Ground Stability - Slice B



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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

## Envirocheck<sup>®</sup> Report:

### Mining and Ground Stability Datasheet

#### Order Details:

**Order Number:**

287330989\_1\_1

**Customer Reference:**

21-1088.02

**National Grid Reference:**

492150, 381560

**Slice:**

B

**Site Area (Ha):**

884.45

**Search Buffer (m):**

250

#### Site Details:

Cottam 1

#### Client Details:

Mr A Howells  
Delta Simons  
3 Henley Office Park  
Doddington Road  
Lincoln  
LN6 3QR

Report Section and Details	Page Number
<b>Summary</b>	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>	
<b>Mining and Natural Cavities Data</b>	-
<p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>	
<b>Historical Land Use Information (1:2,500)</b>	<b>1</b>
<p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p>	
<b>Historical Land Use Information (1:10,000)</b>	<b>2</b>
<p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>	
<b>Ground Stability Data (1:50,000)</b>	<b>3</b>
<p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>	
<b>Historical Map List</b>	<b>5</b>
<p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>	
<b>Data Currency</b>	<b>7</b>
<b>Data Suppliers</b>	<b>8</b>
<b>Useful Contacts</b>	<b>9</b>

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

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#### Report Version v53.0

Data Type	Page Number	On Site	0 to 250m
<b>Mining and Natural Cavities Data</b>			
BGS Recorded Mineral Sites			
Coal Mining Affected Areas			n/a
Man Made Mining Cavities			
Mining Instability			n/a
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential Mining Areas			
<b>Historical Land Use Information (1:2,500)</b>			
Extractive Industries or Potential Excavations from 1855-1909 (100m)			
Extractive Industries or Potential Excavations from 1893-1915 (100m)			
Extractive Industries or Potential Excavations from 1906-1937 (100m)			
Extractive Industries or Potential Excavations from 1924-1949 (100m)			
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 1		1
Subterranean Features (100m)			
<b>Historical Land Use Information (1:10,000)</b>			
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining & quarrying general			
Mining of coal & lignite			
Quarrying of sand & clay, operation of sand & gravel pits			
Former Marshes			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)	pg 2	1	4
<b>Ground Stability Data (1:50,000)</b>			
CBSCB Compensation District			n/a
Brine Pumping Related Features			
Brine Subsidence Solution Area			
Potential for Collapsible Ground Stability Hazards	pg 3	Yes	
Potential for Compressible Ground Stability Hazards	pg 3	Yes	
Potential for Ground Dissolution Stability Hazards	pg 3	Yes	
Potential for Landslide Ground Stability Hazards	pg 3	Yes	
Potential for Running Sand Ground Stability Hazards	pg 3	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 4	Yes	
Salt Mining Related Features			

Report Version v53.0



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	B5NW (SW)	9	-	491255 380753

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	B9SW (SW)	0	-	491513 381085
3	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	B5NW (SW)	22	-	491352 380744
4	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	B5NW (SW)	32	-	491250 380731
5	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	B5NW (SW)	63	-	491410 380710
6	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	B5SW (SW)	212	-	491327 380548

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>CBSCB Compensation District</b> The site does not fall within the brine compensation area.				
	<b>Brine Subsidence Solution Area</b> The site does not fall within the brine subsidence solution area.				
7	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NW (S)	0	1	492151 381559
8	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(W)	0	1	490658 381585
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B14SE (N)	0	1	492298 381951
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B6NE (SE)	0	1	492405 381031
9	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B14SE (N)	0	1	492298 381951
10	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B6NE (SE)	0	1	492405 381031
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NW (S)	0	1	492151 381559
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(W)	0	1	490658 381585
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NW (S)	0	1	492151 381559
11	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NW (S)	0	1	492151 381559
12	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B15SE (E)	0	1	493121 381885
13	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(N)	0	1	491959 382495
14	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NW (S)	0	1	492151 381559
15	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B14SE (N)	0	1	492298 381951
16	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B6NE (SE)	0	1	492405 381031
17	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10SE (SE)	93	1	492565 381101
18	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	119	1	490486 380488
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10SE (SE)	0	1	492550 381199
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(W)	0	1	490658 381585

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NW (W)	0	1	491255 381675
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(NW)	216	1	490938 382319
19	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B10NW (S)	0	1	492151 381559

The following mapping has been analysed for Historical Land Use Information (1:2,500):








1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	SK9181	1973
Ordnance Survey Plan	SK9181	1973
Ordnance Survey Plan	SK9181	1973
Ordnance Survey Plan	SK9181	1973
Ordnance Survey Plan	SK9181	1973
Ordnance Survey Plan	SK9181	1973
Ordnance Survey Plan	SK9280	1973
Ordnance Survey Plan	SK9180	1974
Ordnance Survey Plan	SK9180	1974
Ordnance Survey Plan	SK9182	1974
Ordnance Survey Plan	SK9182	1974
Ordnance Survey Plan	SK9281	1974
Ordnance Survey Plan	SK9281	1974
Ordnance Survey Plan	SK9281	1974
Ordnance Survey Plan	SK9281	1974
Ordnance Survey Plan	SK9281	1974
Ordnance Survey Plan	SK9281	1974
Ordnance Survey Plan	SK9282	1974
Ordnance Survey Plan	SK9282	1974
Ordnance Survey Plan	SK9381	1974
Ordnance Survey Plan	SK9381	1974
Ordnance Survey Plan	SK9381	1974
Ordnance Survey Plan	SK9382	1974
Ordnance Survey Plan	SK9382	1974

The following mapping has been analysed for Historical Land Use Information (1:10,000):

<b>1:10,560</b>	<b>Mapsheet</b>	<b>Published Date</b>
Lincolnshire	051_SE	1890
Lincolnshire	060_NE	1890
Lincolnshire	052_SW	1891
Lincolnshire	061_NW	1891
Lincolnshire	051_SE	1907
Lincolnshire	052_SW	1907
Lincolnshire	060_NE	1907
Lincolnshire	061_NW	1907
Lincolnshire	051_SE	1947
Lincolnshire	060_NE	1947
Lincolnshire	061_NW	1947
Lincolnshire	052_SW	1948
Ordnance Survey Plan	SK97NW	1956
Ordnance Survey Plan	SK98SW	1956
<b>1:10,000</b>	<b>Mapsheet</b>	<b>Published Date</b>
Ordnance Survey Plan	SK97NW	1976
Ordnance Survey Plan	SK98SW	1979

<b>Mining and Cavities Data</b>	<b>Version</b>	<b>Update Cycle</b>
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Man Made Mining Cavities</b> Stantec UK Ltd	May 2021	Bi-Annually
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Natural Cavities</b> Stantec UK Ltd	May 2021	Bi-Annually
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Historical Land Use Information (1:2,500)</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Subterranean Features</b> Landmark Information Group Limited	February 2020	Bi-Annually
<b>Ground Stability Data (1:50,000)</b>	<b>Version</b>	<b>Update Cycle</b>
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Brine Subsidence Solution Area</b> Johnson Poole & Bloomer	December 2020	Annual Rolling Update

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	



Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a> Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: <a href="mailto:customerservices@landmarkinfo.co.uk">customerservices@landmarkinfo.co.uk</a> Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a>

#### General

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

#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment B5

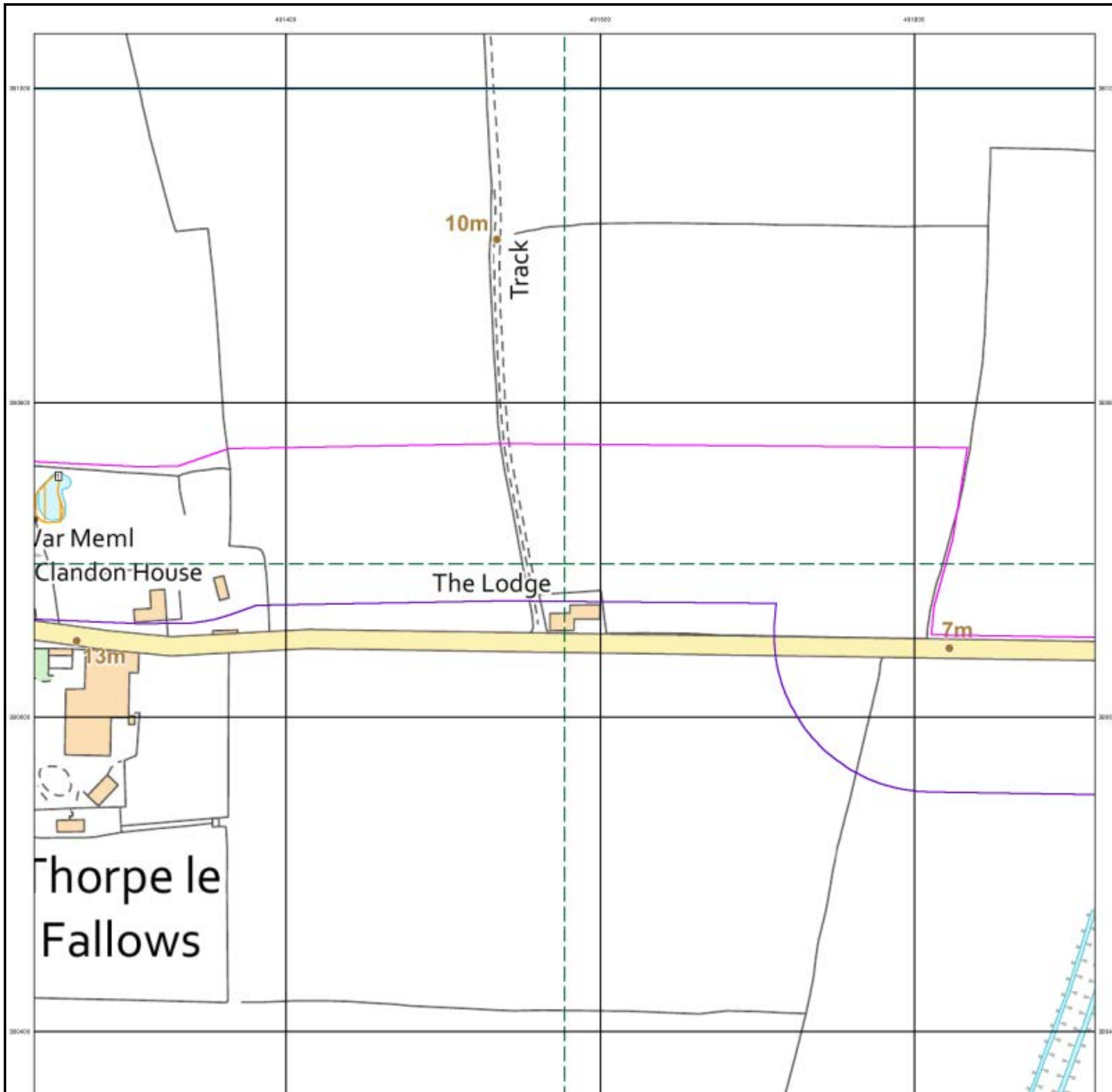


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment B6

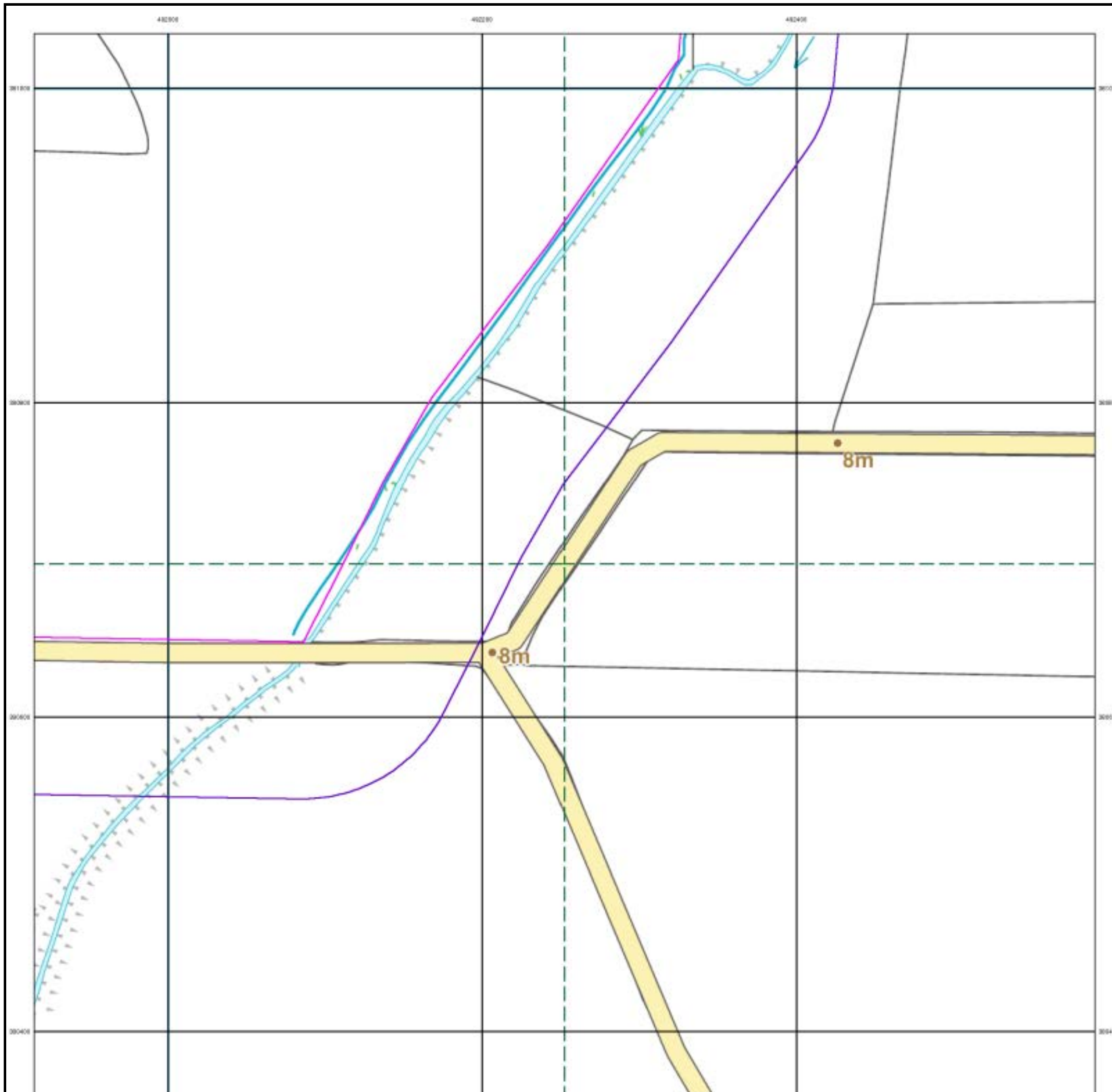


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▧
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▩
Extractive Industries Activity from 1950 - 1960	▲	—	▪

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment B9



#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▨
Extractive Industries Activity from 1950 - 1960	▲	—	▨

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment B10

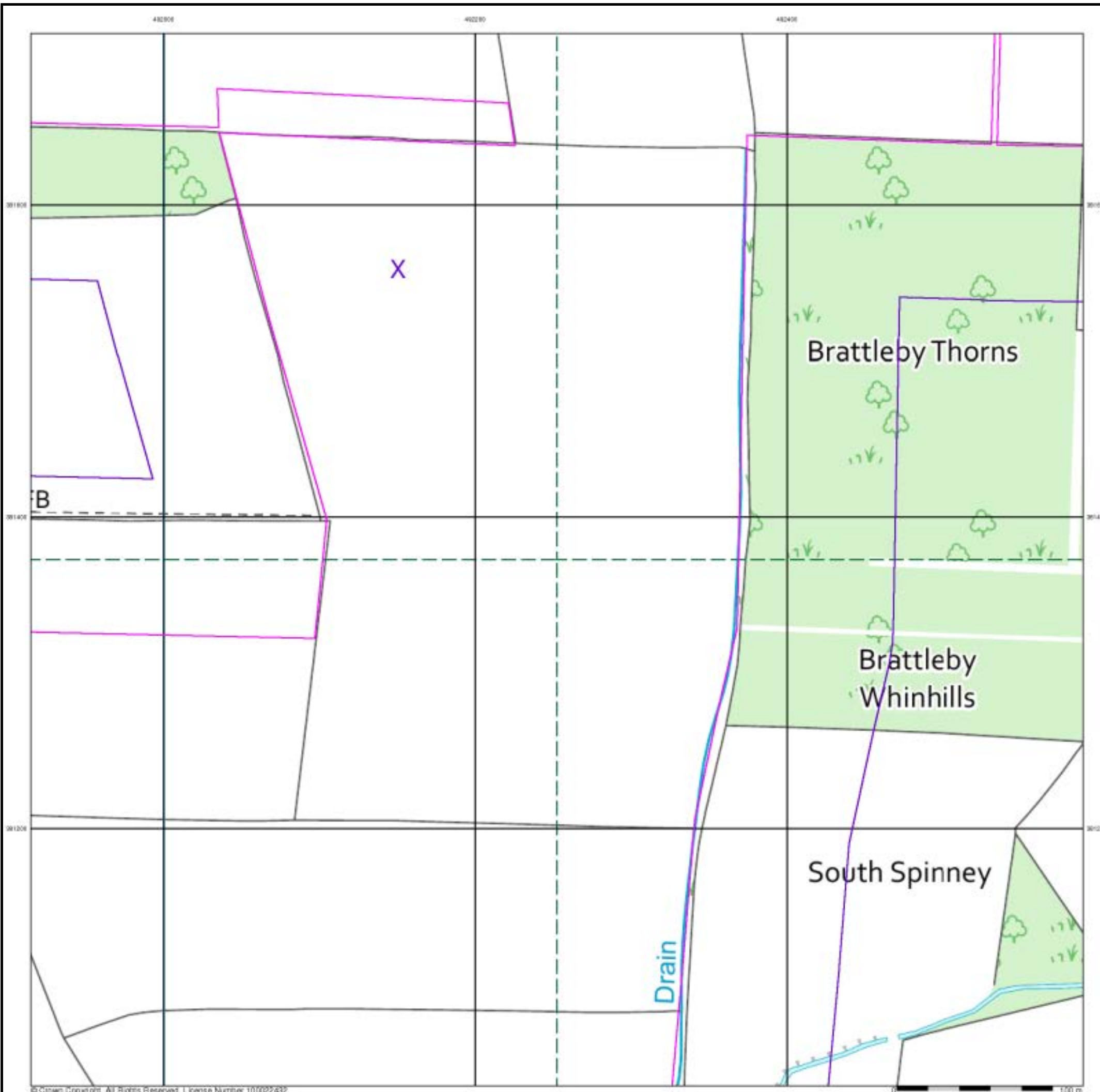


#### Order Details






Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details
















Cottam 1



#### General

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

#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features			

#### Mining and Ground Stability - Segment B11

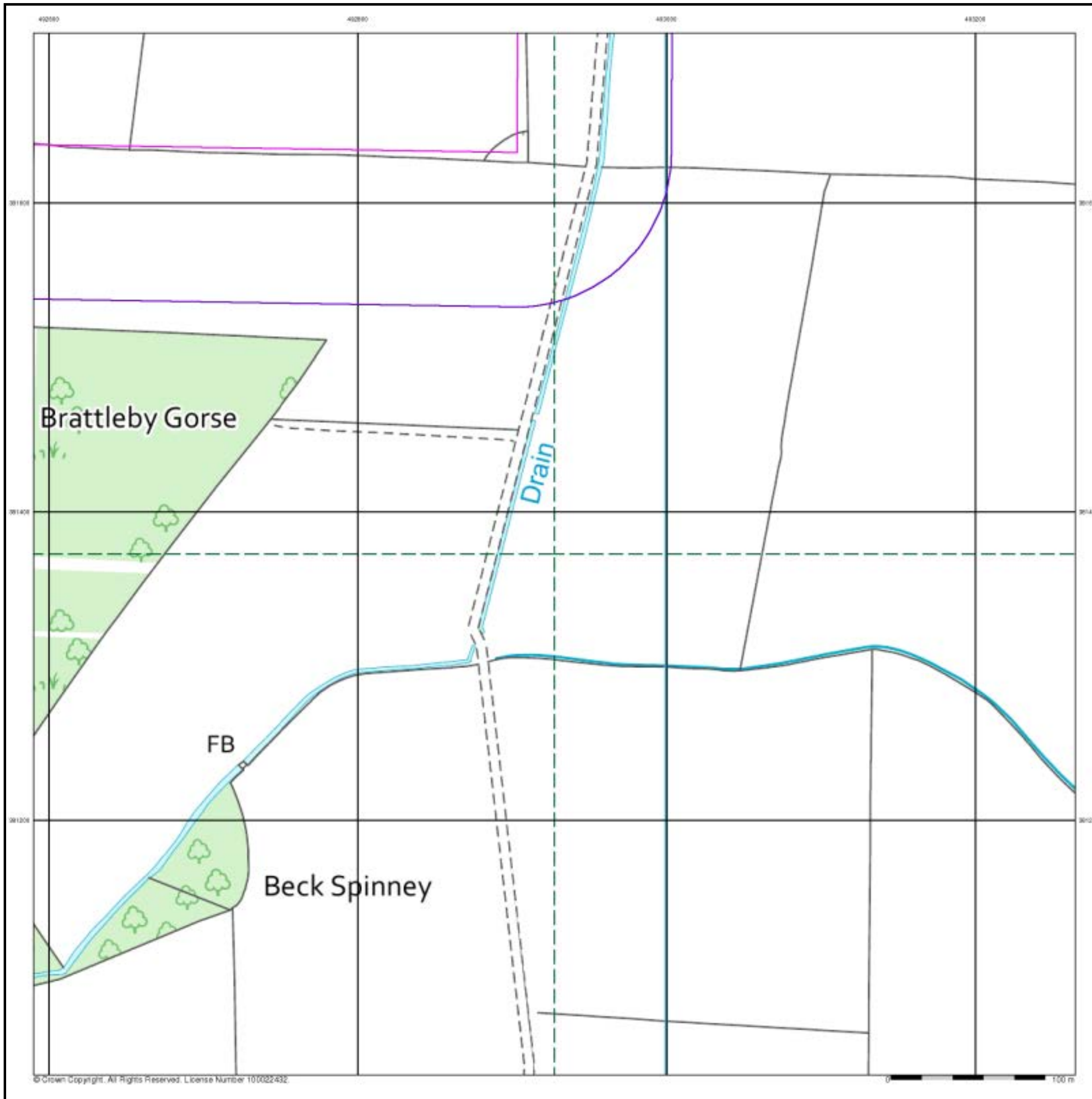


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

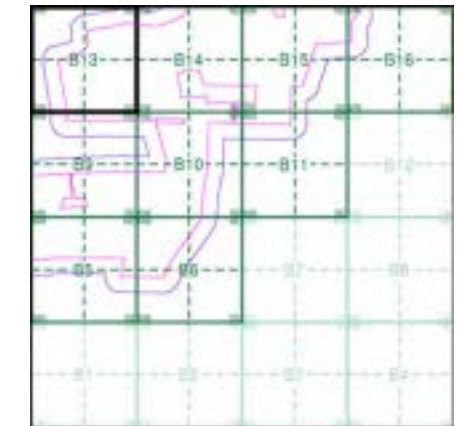
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment B13

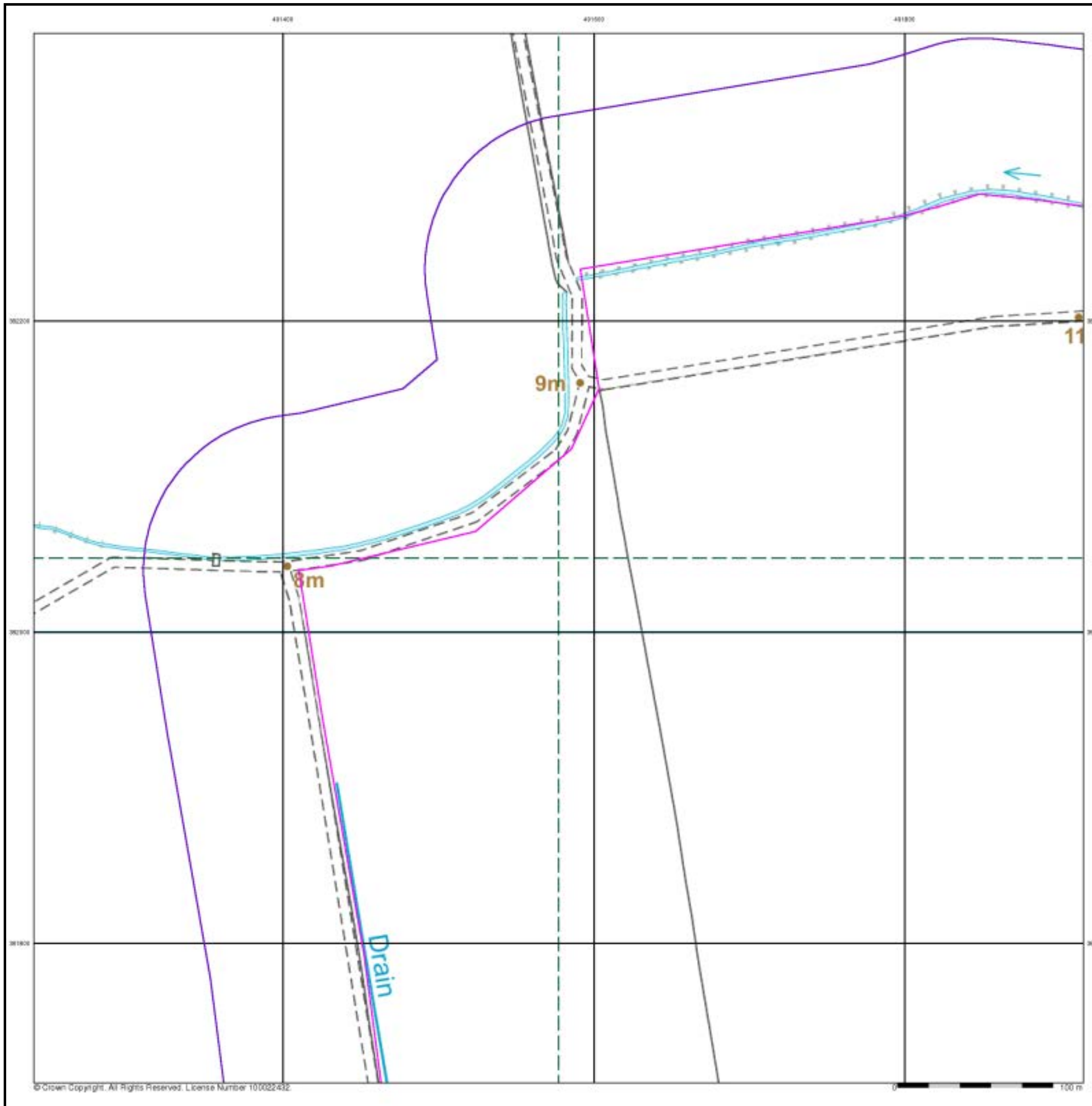


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



**General**

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

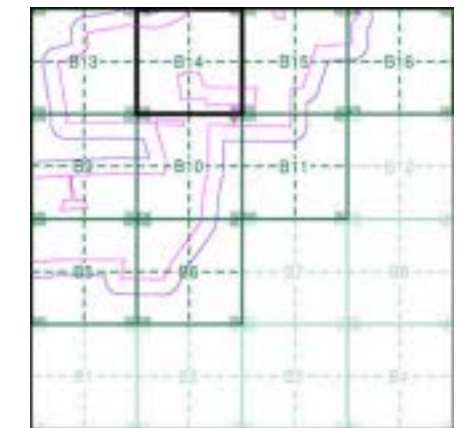
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▧
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▩
Extractive Industries Activity from 1950 - 1960	▲	—	▪

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment B14**

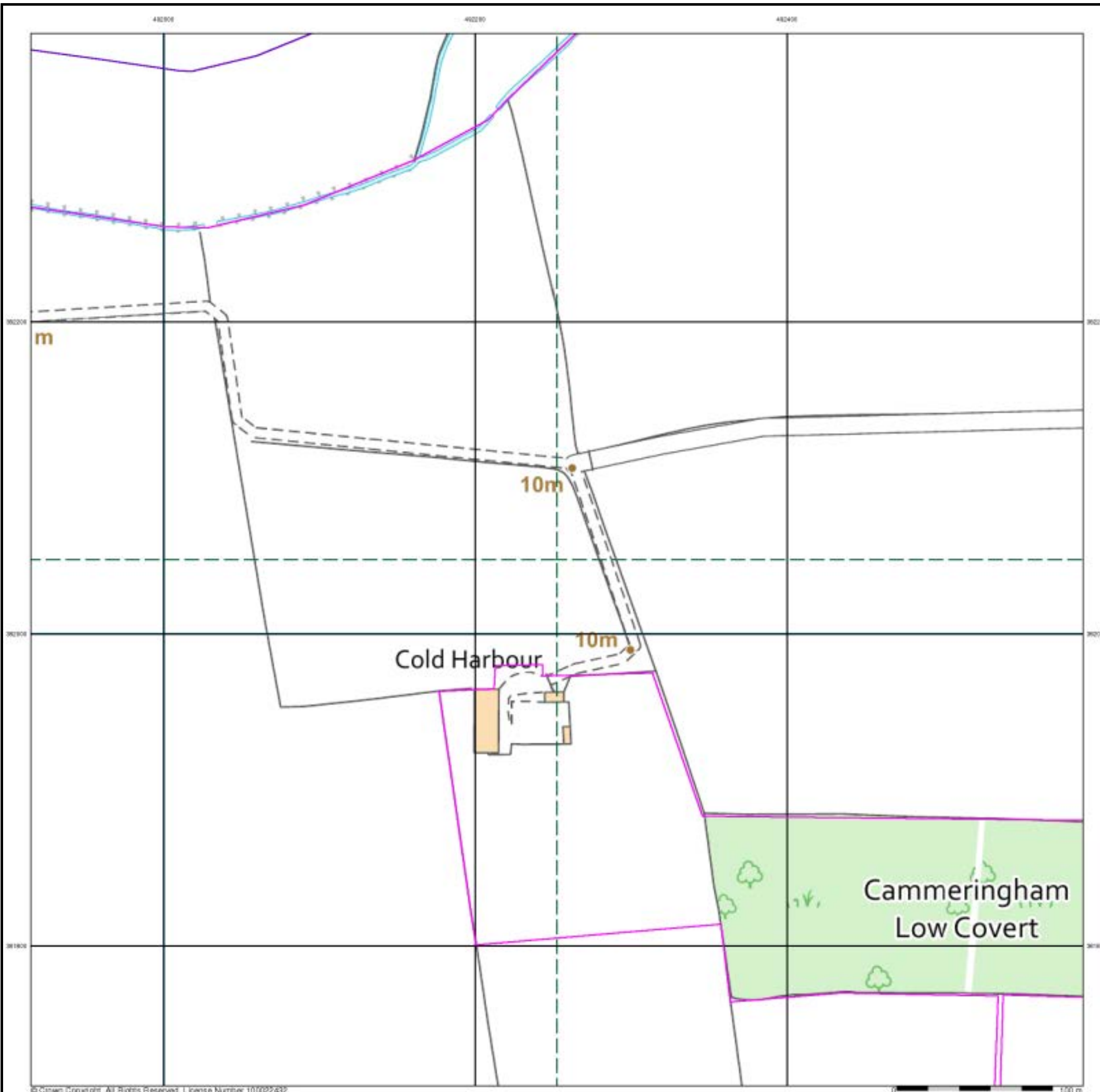


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1





**General**

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

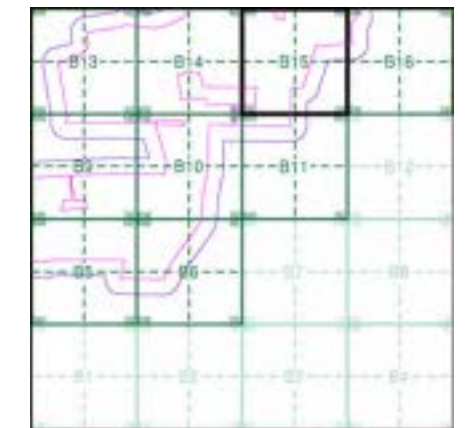
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▨
Extractive Industries Activity from 1950 - 1980	▲	—	▨

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment B15**

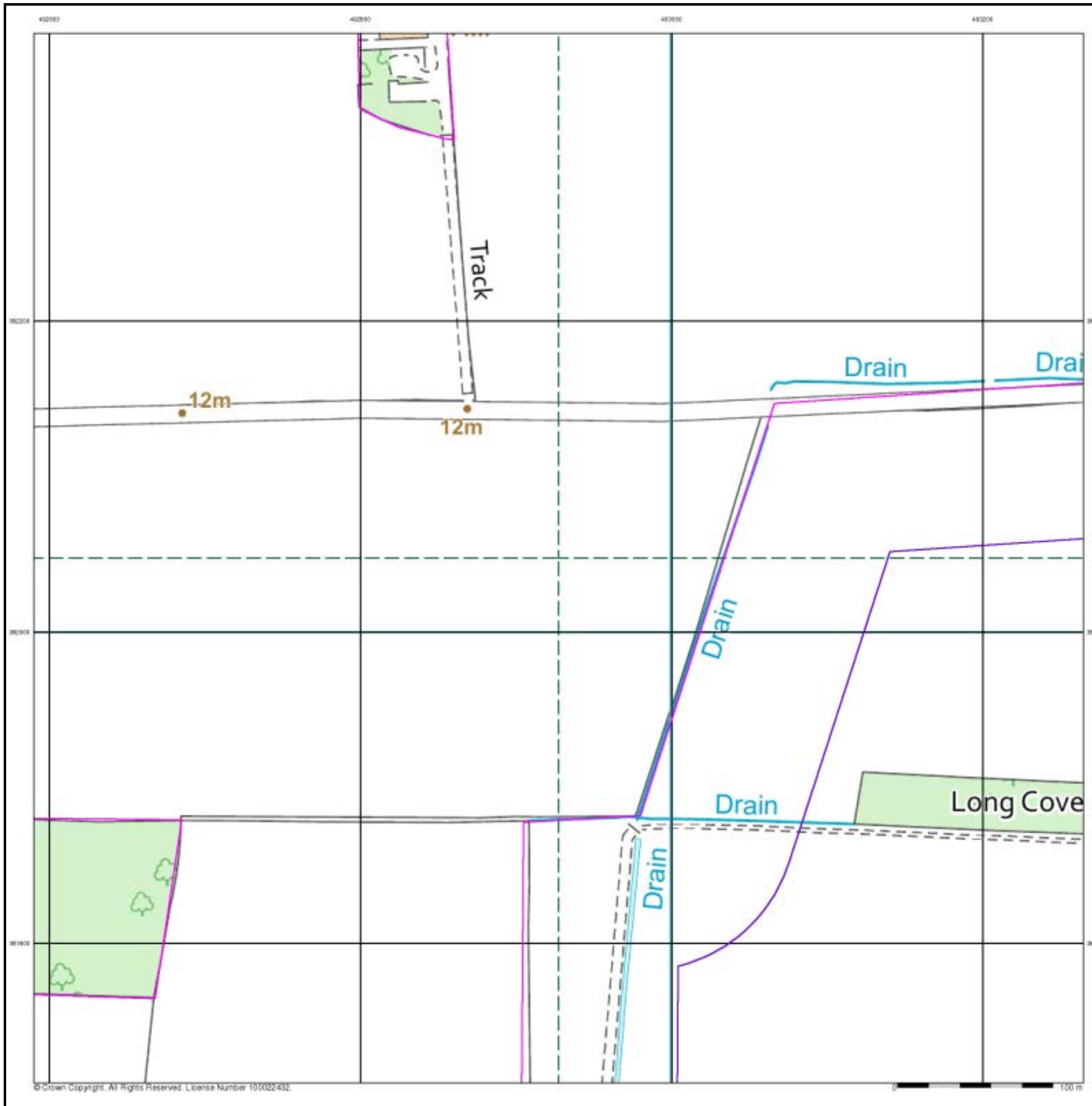


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1



**General**

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

**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment B16**



**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100





**Site Details**

Cottam 1





# Geology 1:50,000 Maps Legends

## Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Not Supplied - Quaternary

## Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MRB	Marlstone Rock Formation	Ferruginous Limestone and Ferruginous Sandstone	Not Supplied - Pliensbachian
	CHAM	Chamouth Mudstone Formation	Mudstone	Not Supplied - Sinemurian



## 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:	102
Map Name:	Market Rasen
Map Date:	1999
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Not Available
Faults:	Not Supplied
Landslip:	Not Available
Rock Segments:	Not Supplied

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



## Order Details:

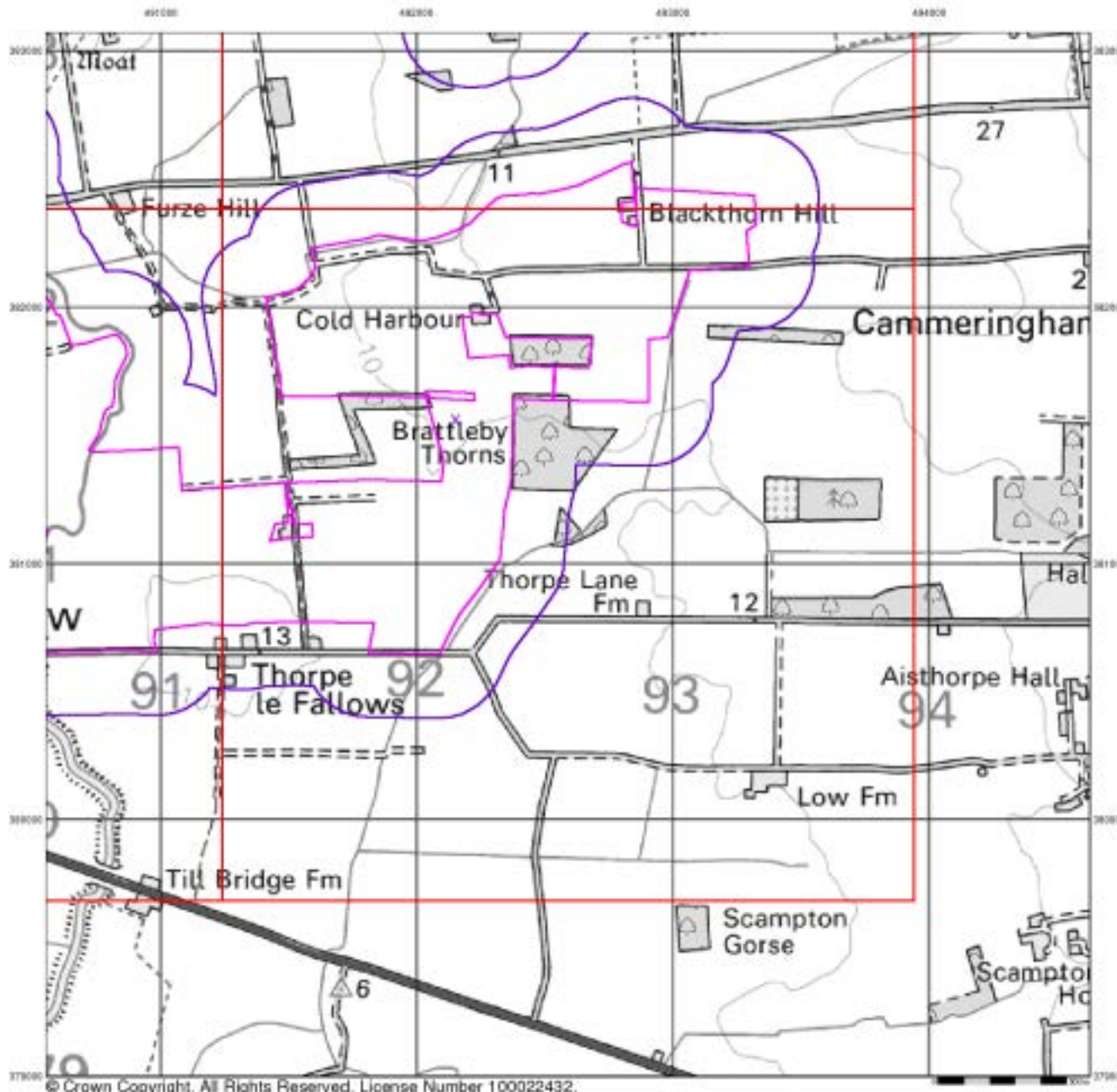
Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	492150, 381560
Slice:	B
Site Area (Ha):	884.45
Search Buffer (m):	250

## Site Details:

Cottam 1



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



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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:

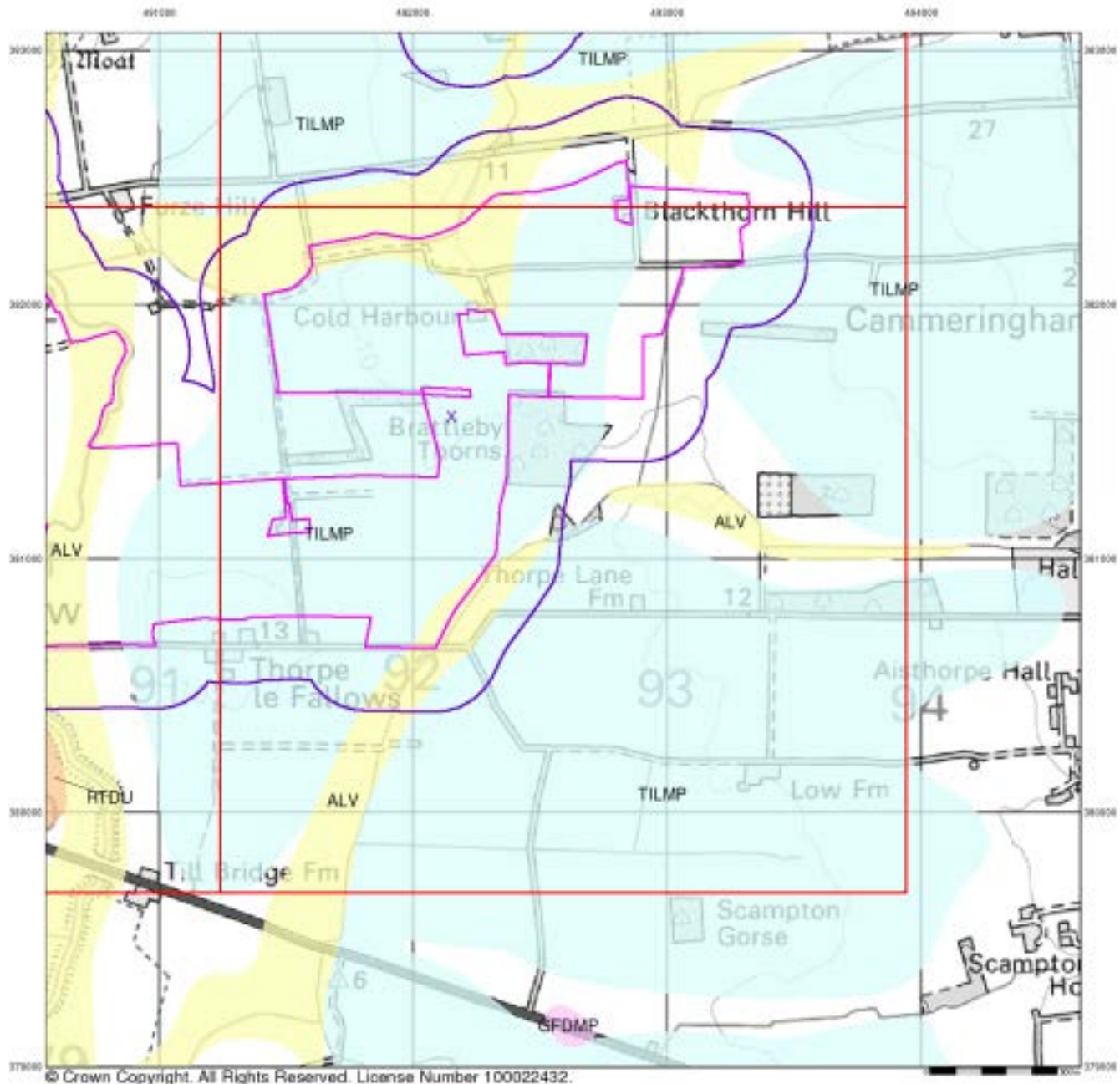
Order Number: 287330989\_1\_1  
 Customer Reference: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

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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:

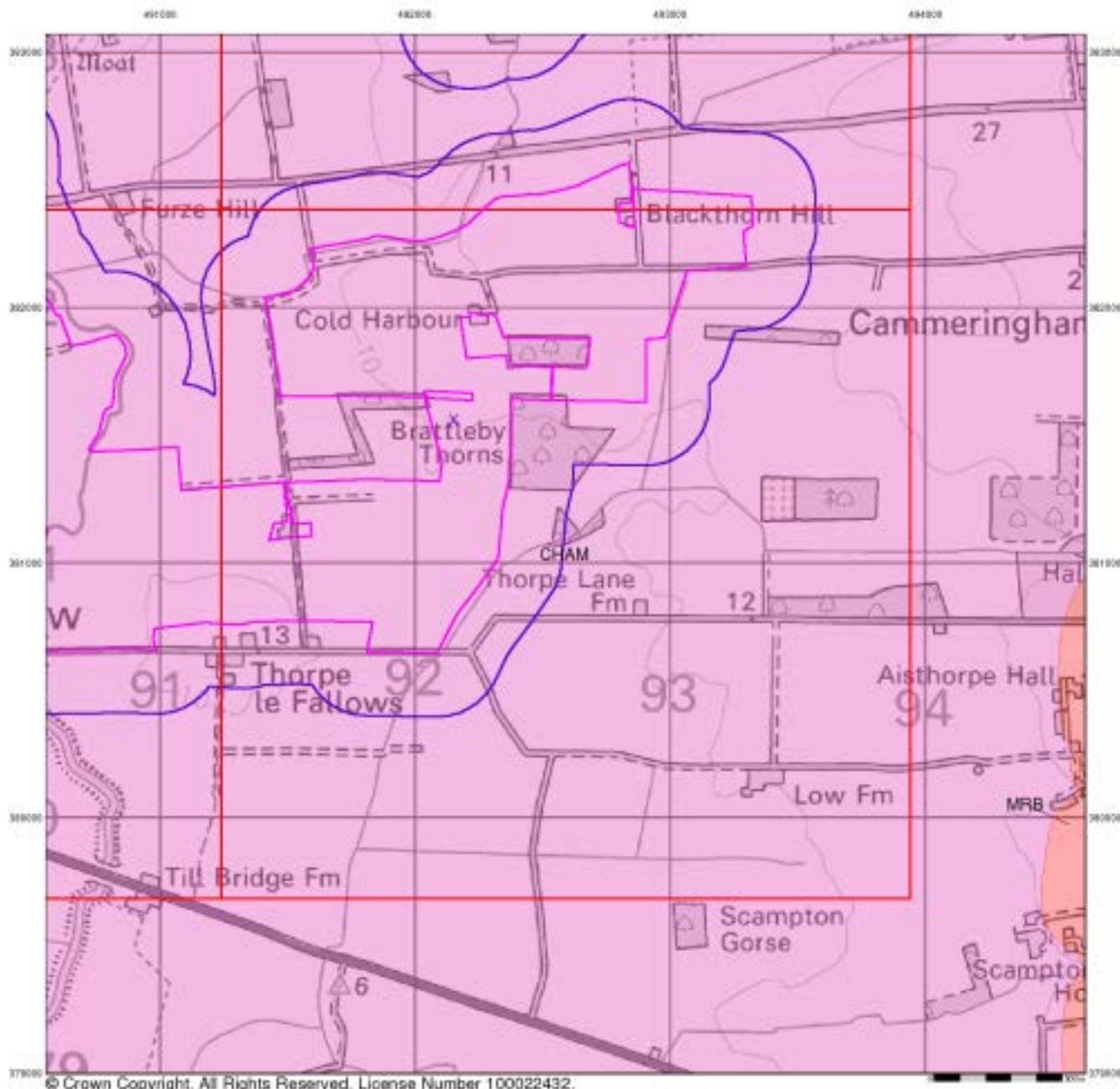
Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	492150, 381560
Slice:	B
Site Area (Ha):	884.45
Search Buffer (m):	250

#### Site Details:

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### Bedrock and Faults

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

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

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

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

### Bedrock and Faults Map - Slice B



### Order Details:

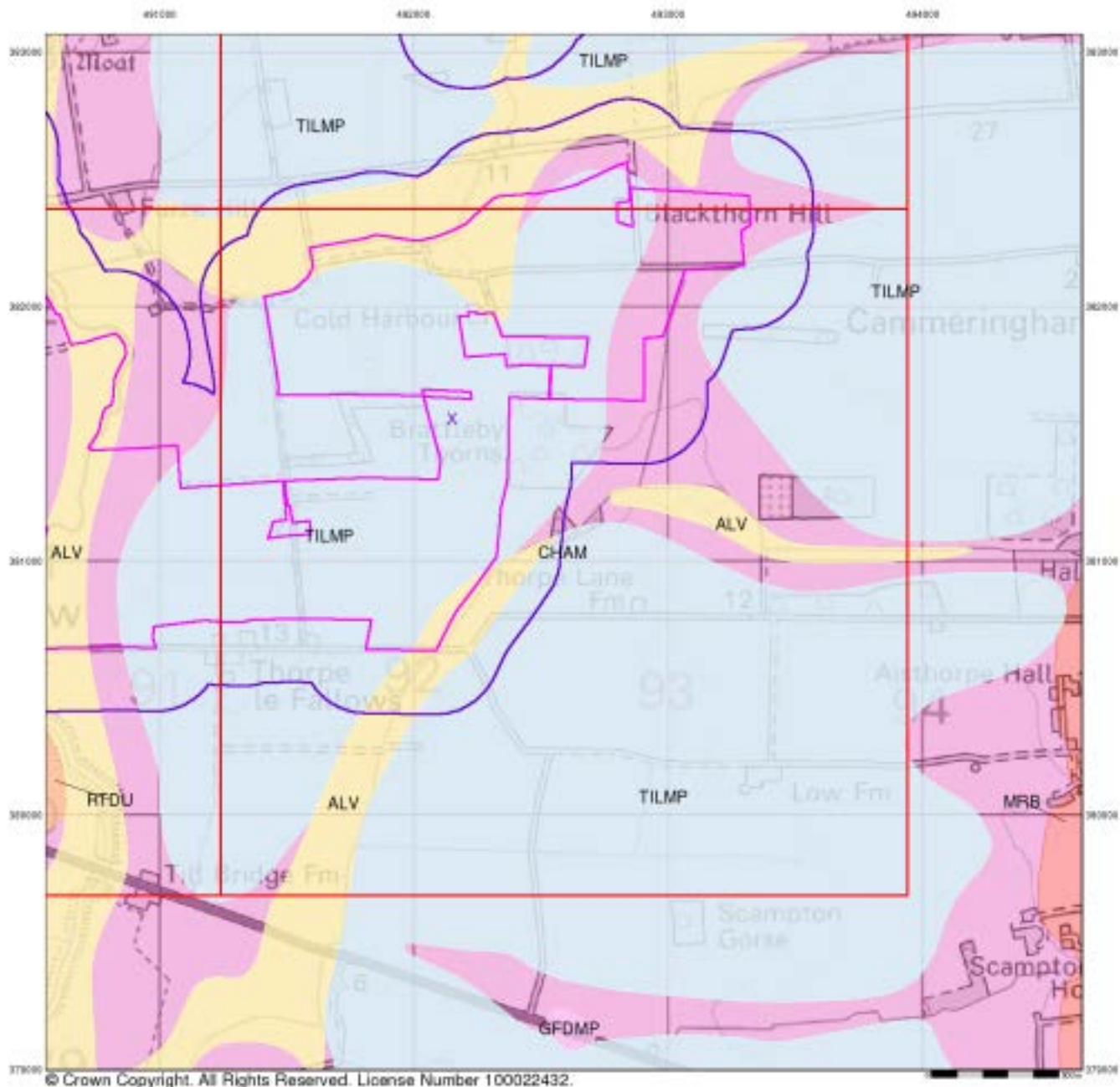
Order Number: 287330989\_1\_1  
 Customer Reference: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details:

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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.

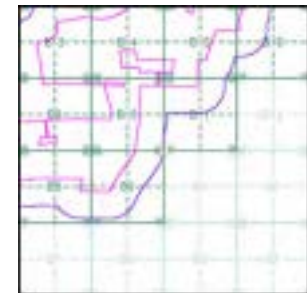
### Additional Information

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:

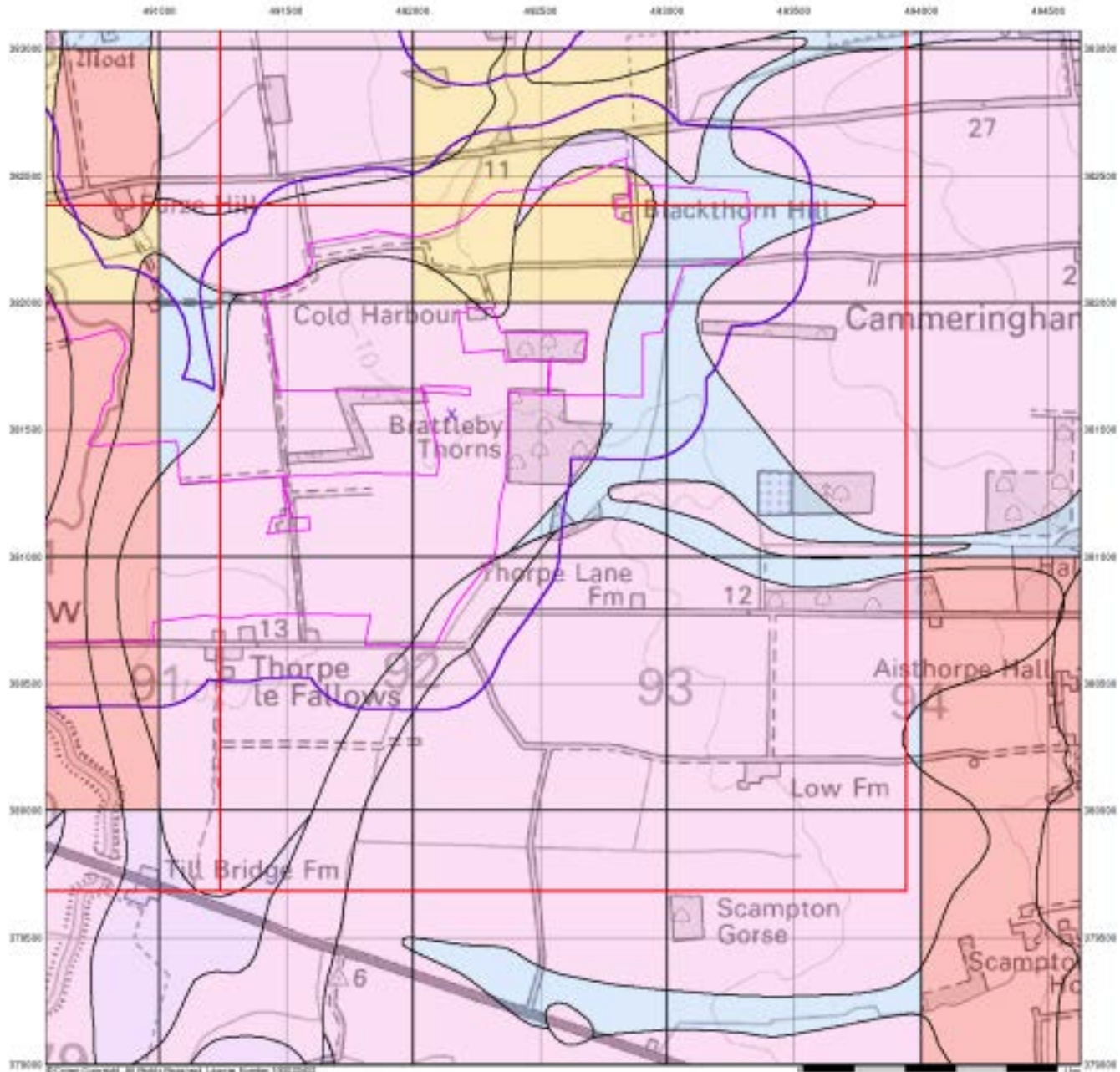
Order Number: 287330989\_1\_1  
 Customer Reference: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details:

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## Groundwater Vulnerability

### General

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

### Agency and Hydrological

#### Bedrock Aquifers

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

#### Superficial Aquifers

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

- Unproductive Aquifer
- Soluble Rock

### Site Sensitivity Context Map - Slice B



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

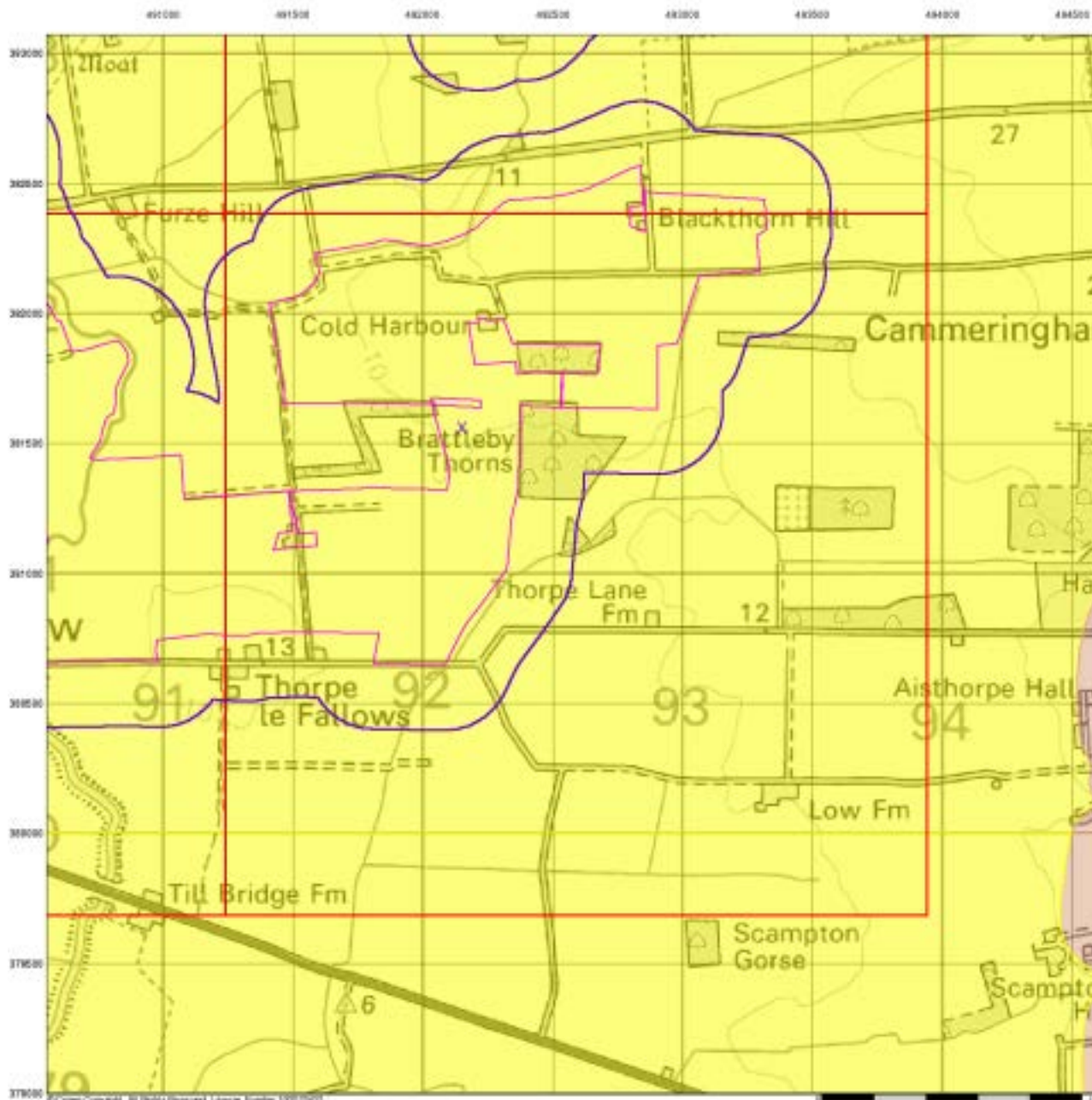
### Site Details

Cottam 1



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





## Bedrock Aquifer Designation

### General

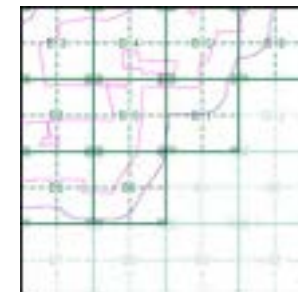
- ◊ Specified Site
- ◊ Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Map ID

### 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

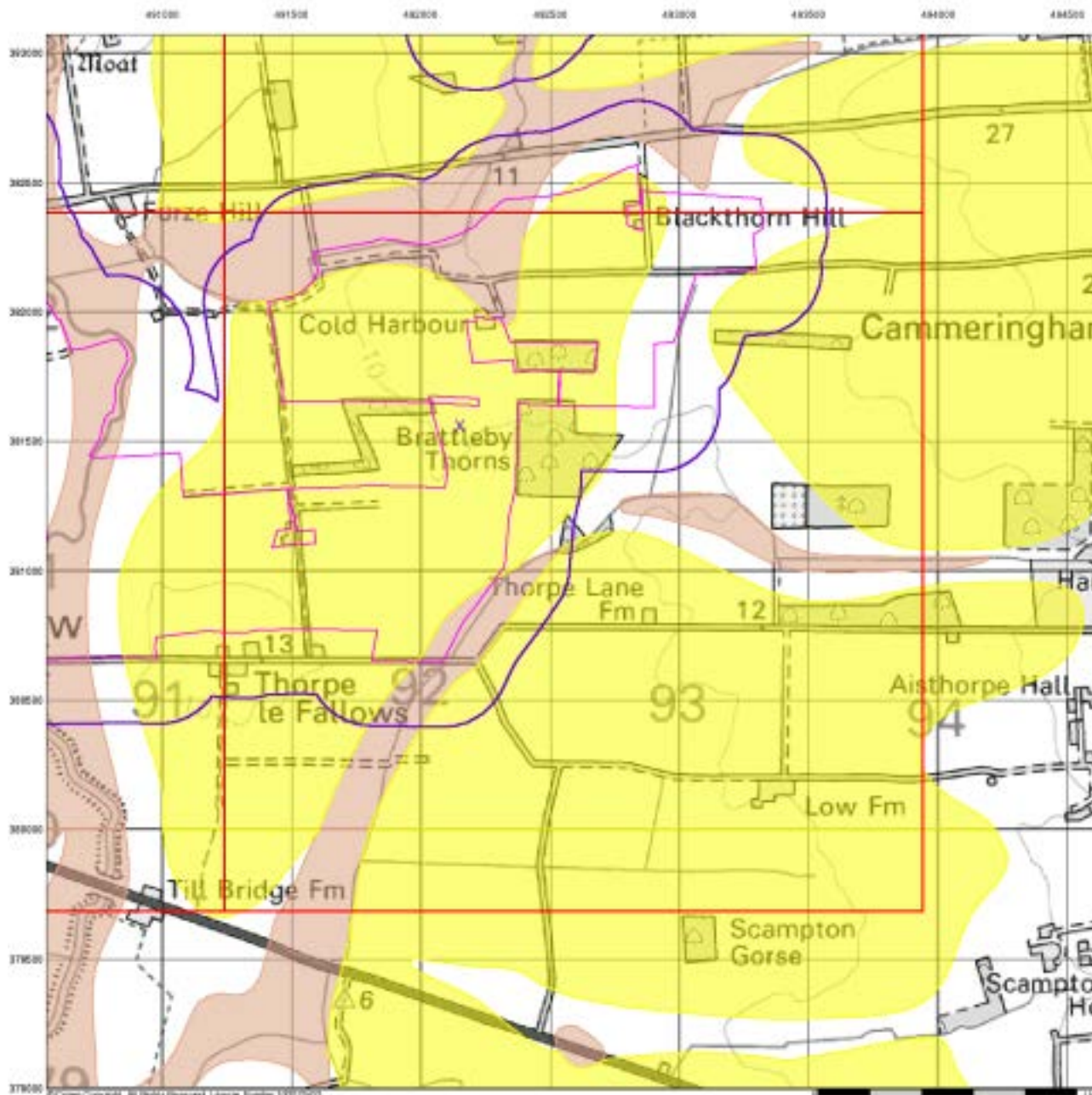
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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 Web: www.envirocheck.co.uk



## Superficial 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

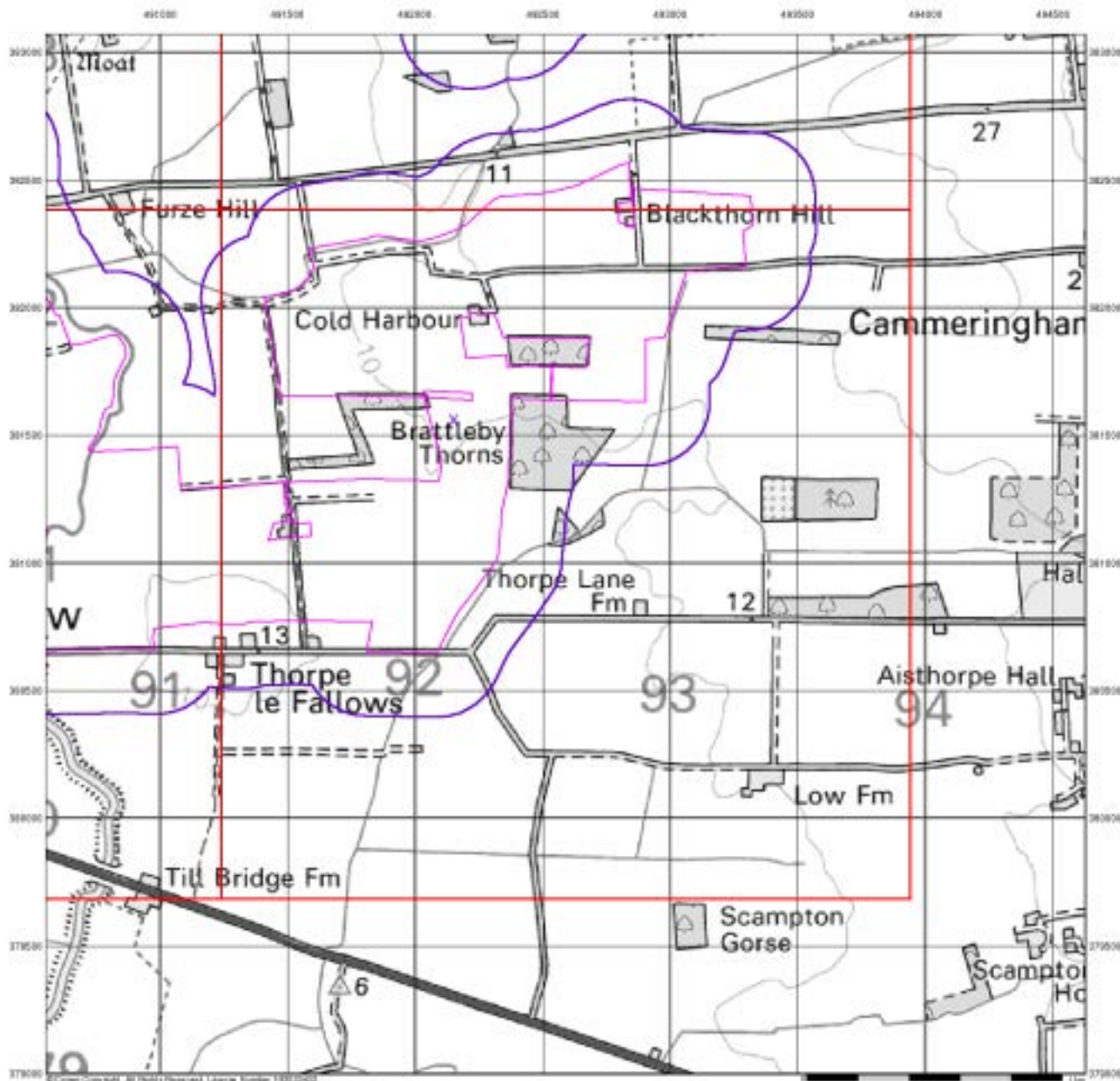
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1








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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 B



### Order Details

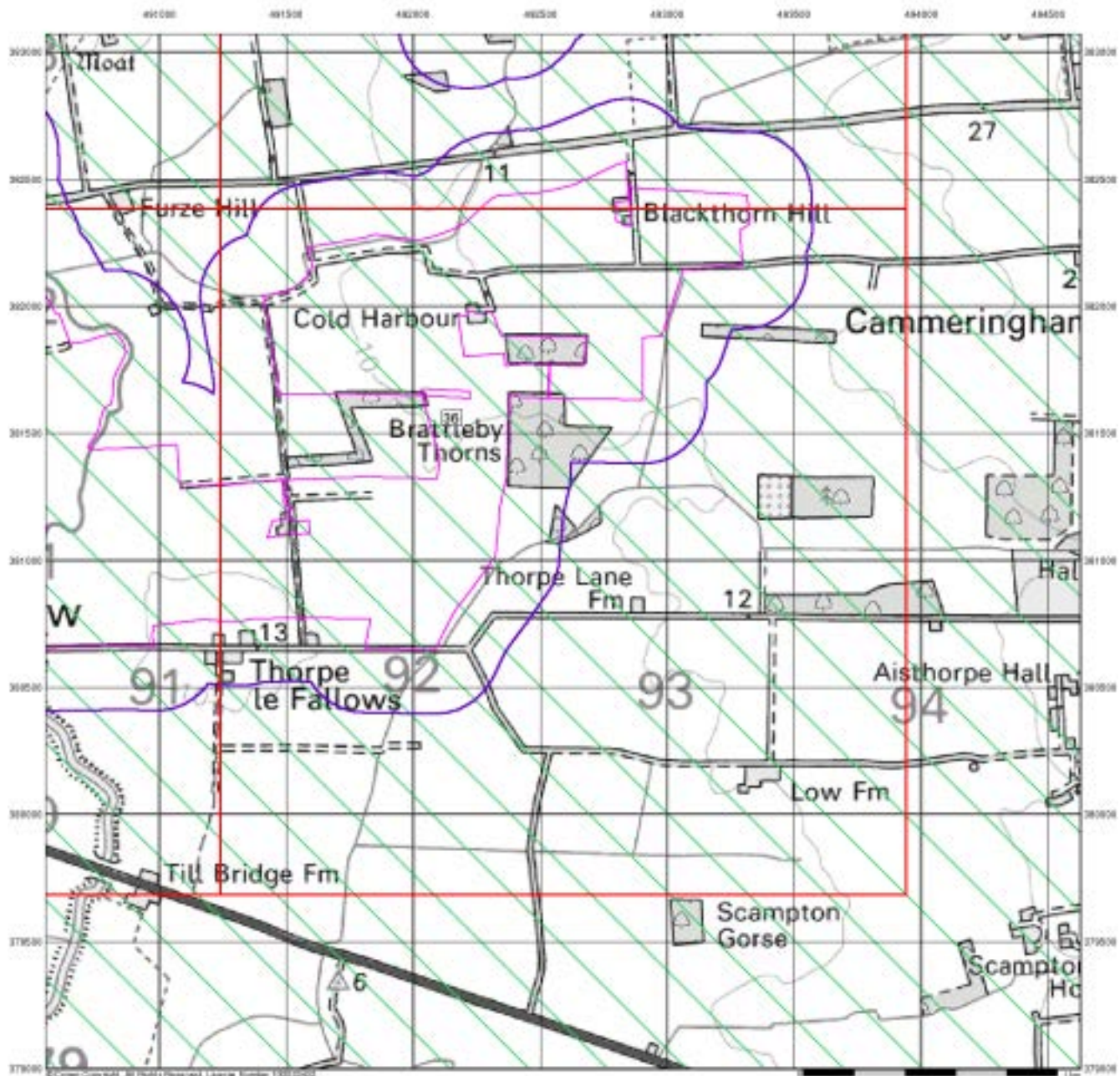
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Sensitive Land Uses

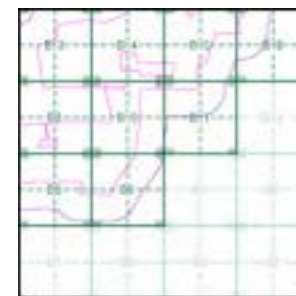
### General

- 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 B



### Order Details

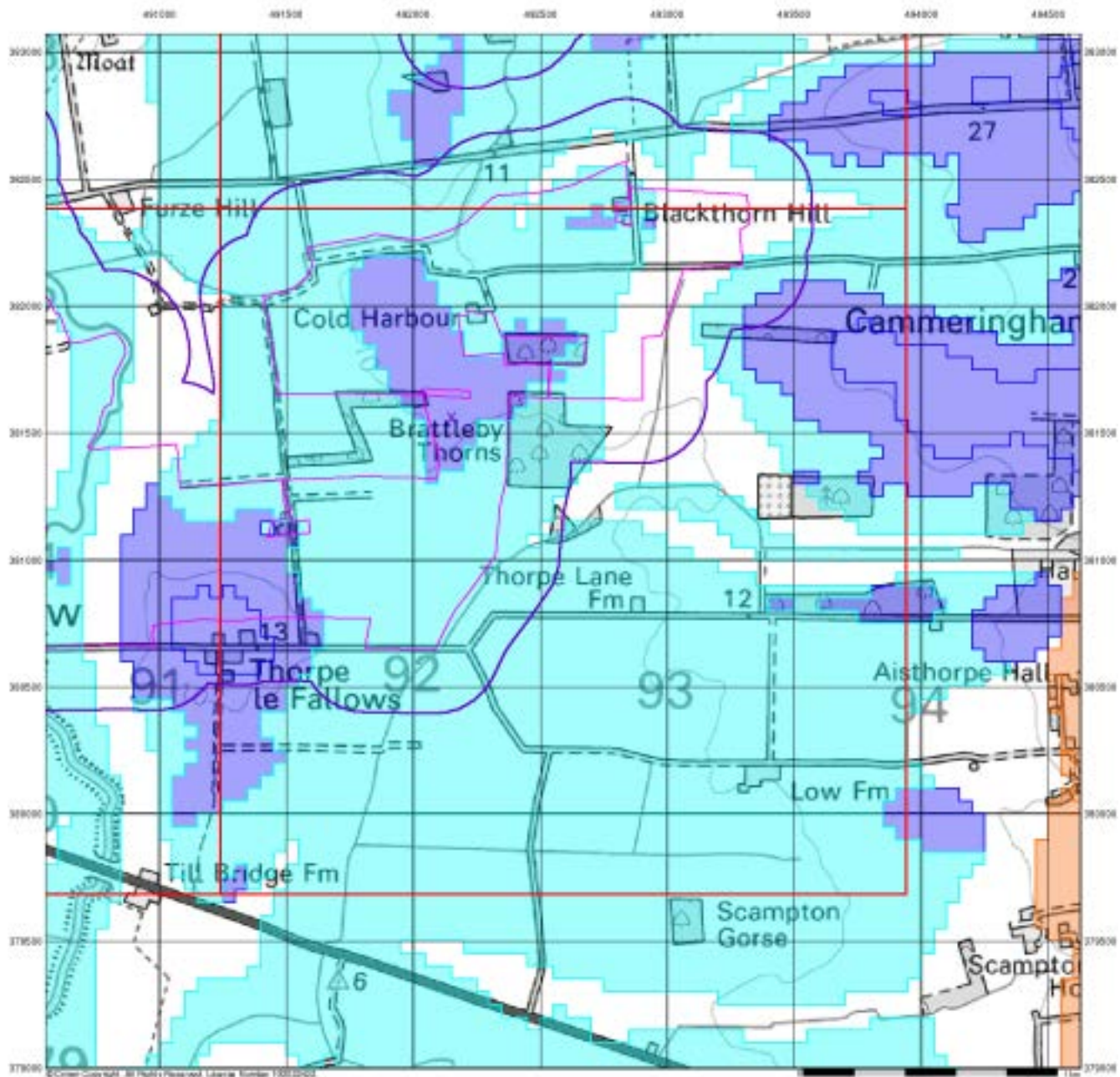
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



### BGS Flood GFS Data

#### General

- Specified Site
- Specified Buffer(s)
- Existing 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: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492150, 381560  
 Slice: B  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

287330989\_1\_1

**Customer Reference:**

21-1088.02

**National Grid Reference:**

488320, 383410

**Slice:**

C

**Site Area (Ha):**

884.45

**Search Buffer (m):**

250

#### Site Details:

Cottam 1

#### Client Details:

Mr A Howells  
Delta Simons  
3 Henley Office Park  
Doddington Road  
Lincoln  
LN6 3QR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	9
Hazardous Substances	-
Geological	10
Industrial Land Use	12
Sensitive Land Use	13
Data Currency	14
Data Suppliers	19
Useful Contacts	20

## Introduction

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

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## Report Version v53.0

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Agency &amp; Hydrological</b>			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents			
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 2	Yes	
Pollution Incidents to Controlled Waters	pg 2		1
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality	pg 2	2	
River Quality Biology Sampling Points	pg 3	1	
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 3	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Groundwater Vulnerability - Local Information			n/a
Bedrock Aquifer Designations	pg 6	Yes	n/a
Superficial Aquifer Designations	pg 6	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 6	Yes	Yes
Flooding from Rivers or Sea without Defences	pg 6	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 7	3	12



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Waste</b>			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 9	2	n/a
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
<b>Hazardous Substances</b>			
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 (*up to 500m)
<b>Geological</b>			
BGS 1:625,000 Solid Geology	pg 10	Yes	n/a
BGS Estimated Soil Chemistry	pg 10	Yes	
BGS Recorded Mineral Sites			
BGS Urban Soil Chemistry			
BGS Urban Soil Chemistry Averages			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 10	Yes	
Potential for Compressible Ground Stability Hazards	pg 10	Yes	Yes
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 10	Yes	
Potential for Running Sand Ground Stability Hazards	pg 10	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 11	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a
<b>Industrial Land Use</b>			
Contemporary Trade Directory Entries			
Fuel Station Entries			
Points of Interest - Commercial Services			
Points of Interest - Education and Health			
Points of Interest - Manufacturing and Production	pg 12		1
Points of Interest - Public Infrastructure			
Points of Interest - Recreational and Environmental			
Gas Pipelines			
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Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Sensitive Land Use</b>			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
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Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones	pg 13	1	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	488600 383350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	489050 383650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C8SE (S)	0	1	488316 383300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4SE (S)	0	1	488500 382550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C8SE (SE)	0	1	488500 383100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	488850 383100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	C8NE (NE)	0	1	488400 383500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	489050 383100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	488550 383050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	C8NE (E)	0	1	488500 383450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	488650 384350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	C8SE (S)	0	1	488350 383300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	489050 382900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	489150 384500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	488650 382150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	488700 382450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C8NE (S)	0	1	488316 383409
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	22	1	489200 383150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	39	1	488700 383600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	83	1	489150 382300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	94	1	489150 381800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	97	1	489200 382250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	C8SW (SW)	126	1	488100 383150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4NW (S)	164	1	488100 382850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	C8NW (W)	198	1	488100 383450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	C8NW (W)	200	1	488050 383409
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C8NE (N)	200	1	488300 383600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	204	1	488650 383800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4NW (SW)	246	1	487950 383000
	<b>Nearest Surface Water Feature</b>	C8SE (SE)	0	-	488333 383395
1	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Lincoln District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Roadside Dyke Incident Date: 18th June 1993 Incident Reference: 1675 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	C12NE (N)	86	2	488400 384400
	<b>River Quality</b> Name: Till GQA Grade: River Quality D Reach: Kexby Beck...Cricket Till Estimated Distance (km): 7.7 Flow Rate: Flow less than 0.62 cumecs Flow Type: River Year: 2000	C8SE (S)	0	2	488324 383365
	<b>River Quality</b> Name: Till GQA Grade: River Quality C Reach: Heapham Beck...Kexby Beck Estimated Distance (km): 4.7 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	C8SE (S)	0	2	488304 383372

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>River Quality Biology Sampling Points</b></p> <p>Name: Till            Reach: Kexby Beck To Cricket Till            Estimated Distance: 7.70            Positional Accuracy: Located by supplier to within 10m            Year: 1990            GQA Grade: River Quality Biology GQA Grade B - Good            Year: 1995            GQA Grade: River Quality Biology GQA Grade A - Very Good            Year: 2000            GQA Grade: River Quality Biology GQA Grade A - Very Good            Year: 2002            GQA Grade: River Quality Biology GQA Grade B - Good            Year: 2003            GQA Grade: River Quality Biology GQA Grade B - Good            Year: 2004            GQA Grade: River Quality Biology GQA Grade B - Good            Year: 2005            GQA Grade: River Quality Biology GQA Grade A - Very Good            Year: 2006            GQA Grade: River Quality Biology GQA Grade A - Very Good            Year: 2007            GQA Grade: River Quality Biology GQA Grade B - Good            Year: 2008            GQA Grade: River Quality Biology GQA Grade B - Good            Year: 2009            GQA Grade: River Quality Biology GQA Grade B - Good</p>	C8SE (SE)	0	2	488340 383380
	<p><b>Groundwater Vulnerability Map</b></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: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial: &gt;90%            Patchiness: Superficial &lt;3m            Thickness: Superficial No Data            Recharge: Superficial</p>	(SE)	0	3	489000 382000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial: &lt;90%            Patchiness: Superficial &lt;3m            Thickness: Superficial No Data            Recharge: Superficial</p>	(SE)	0	3	489000 382161
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial: &lt;90%            Patchiness: Superficial &lt;3m            Thickness: Superficial No Data            Recharge: Superficial</p>	(SE)	0	3	488562 383000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High 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: <3m Superficial Recharge: No Data	(SE)	0	3	489000 383000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C8NE (S)	0	3	488316 383409
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High 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: <3m Superficial Recharge: No Data	(SE)	0	3	489000 383056
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C8NE (NE)	0	3	488390 383533

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: &gt;70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	C8SE (S)	0	3	488344 383271
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(E)	0	3	489000 383409
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	C4NE (S)	0	3	488316 383000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	C12SE (N)	0	3	488316 384000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NE)	0	3	489000 384000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SE)	0	3	489000 382876
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	C8NE (S)	0	3	488316 383409
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	C8NE (S)	0	3	488316 383409
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	(S)	0	3	488725 382156
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C8NE (S)	0	2	488316 383409
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C8NE (NW)	158	2	488241 383512
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C8NE (S)	0	2	488316 383409
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C8NE (W)	0	2	488313 383408
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 157.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	C8SE (SE)	0	4	488332 383390
4	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 264.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	C8NE (E)	0	4	488473 383426
5	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 866.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	C8NE (E)	0	4	488473 383426
6	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 407.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Padmoor Drain Catchment Name: Witham Primacy: 1	C8SE (SE)	3	4	488330 383389
7	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 286.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	C4NE (S)	3	4	488487 382782
8	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	C4NE (S)	4	4	488482 382782
9	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 111.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	C4NE (S)	4	4	488427 382783
10	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 822.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	C8NE (SW)	7	4	488313 383404
11	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 109.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	C12NE (N)	49	4	488342 384348

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 342.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	C12NE (N)	86	4	488401 384401
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	C12NE (N)	87	4	488395 384400
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 260.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	C12NW (N)	94	4	488089 384298
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	C12NE (N)	94	4	488345 384342
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 721.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	C8SW (SW)	185	4	488029 383183
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 179.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Padmoor Drain Catchment Name: Witham Primacy: 1	C8SW (SW)	208	4	488029 383183

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: West Lindsey District Council - Has no landfill data to supply		0	5	488316 383409
	<b>Local Authority Landfill Coverage</b> Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	488316 383409

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Lias Group	C8NE (S)	0	1	488316 383409
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C8NE (S)	0	1	488316 383409
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8NE (S)	0	1	488316 383409
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8SE (S)	0	1	488344 383271
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8NE (NE)	0	1	488390 383533
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C4NW (SW)	186	1	488062 382922
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8SE (S)	0	1	488344 383271
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8NE (NE)	0	1	488390 383533
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C8NE (S)	0	1	488316 383409
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C4NW (SW)	186	1	488062 382922
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8NE (S)	0	1	488316 383409
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8NE (S)	0	1	488316 383409
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8NE (NE)	0	1	488390 383533
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8SE (S)	0	1	488344 383271
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C8NE (S)	0	1	488316 383409

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C4NW (SW)	186	1	488062 382922
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C8NE (S)	0	1	488316 383409
	<b>Radon Potential - Radon Affected Areas</b> 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	C8NE (S)	0	1	488316 383409
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	C8NE (S)	0	1	488316 383409

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<b>Points of Interest - Manufacturing and Production</b> Name: Sheep Dip Location: DN21 Category: Farming Class Code: Sheep Dips and Washes Positional Accuracy: Positioned to address or location	C4NW (SW)	135	7	488098 383011

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<b>Nitrate Vulnerable Zones</b> Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	C8NE (S)	0	3	488316 383409



Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	June 2020 September 2017	Annually Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Anglian Region	March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - Anglian Region	January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Anglian Region	July 2021	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> West Lindsey District Council - Environmental Health Department	November 2014	Variable
<b>Local Authority Pollution Prevention and Controls</b> West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> West Lindsey District Council - Environmental Health Department	November 2014	Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	August 2021	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Midlands Region Environment Agency - Anglian Region	December 1999 September 1999	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Anglian Region	July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Anglian Region	March 2013	
<b>Registered Radioactive Substances</b> Environment Agency - Anglian Region	June 2016	Annually
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Water Abstractions</b> Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region	October 2017	Quarterly
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Source Protection Zones</b> Environment Agency - Head Office	May 2021	Bi-Annually

Agency & Hydrological	Version	Update Cycle
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	July 2021	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	February 2016	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	May 2021	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Anglian Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Local Authority Landfill Coverage</b> Lincolnshire County Council West Lindsey District Council - Environmental Health Department	February 2003 February 2003	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Lincolnshire County Council West Lindsey District Council - Environmental Health Department	October 2018 October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Anglian Region - Northern Area	April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Anglian Region - Northern Area	June 2015	

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2010 February 2016	Variable Variable
<b>Planning Hazardous Substance Consents</b> Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2007 February 2016	Variable Variable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

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

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	February 2021	Bi-Annually
<b>Areas of Adopted Green Belt</b> West Lindsey District Council	October 2020	Quarterly
<b>Areas of Unadopted Green Belt</b> West Lindsey District Council	October 2020	Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	January 2021	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	February 2021	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Nature Reserves</b> Natural England	January 2021	Bi-Annually
<b>National Parks</b> Natural England	February 2018	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2016	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
<b>Ramsar Sites</b> Natural England	August 2020	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	February 2021	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	July 2020	Bi-Annually
<b>Special Protection Areas</b> Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>West Lindsey District Council - Environmental Health Department</b> The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	<b>Lincolnshire County Council</b> 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

### Historical Land Use Information (1:10,000)

#### General

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

#### Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

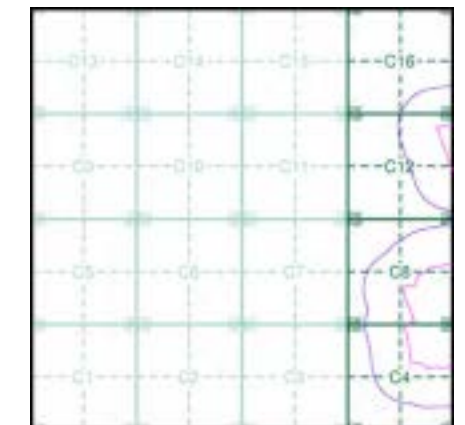
#### Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

#### Mining Data

- Potential Mining Area
- BGS Recorded Mineral Site

### Mining and Ground Stability - Slice C

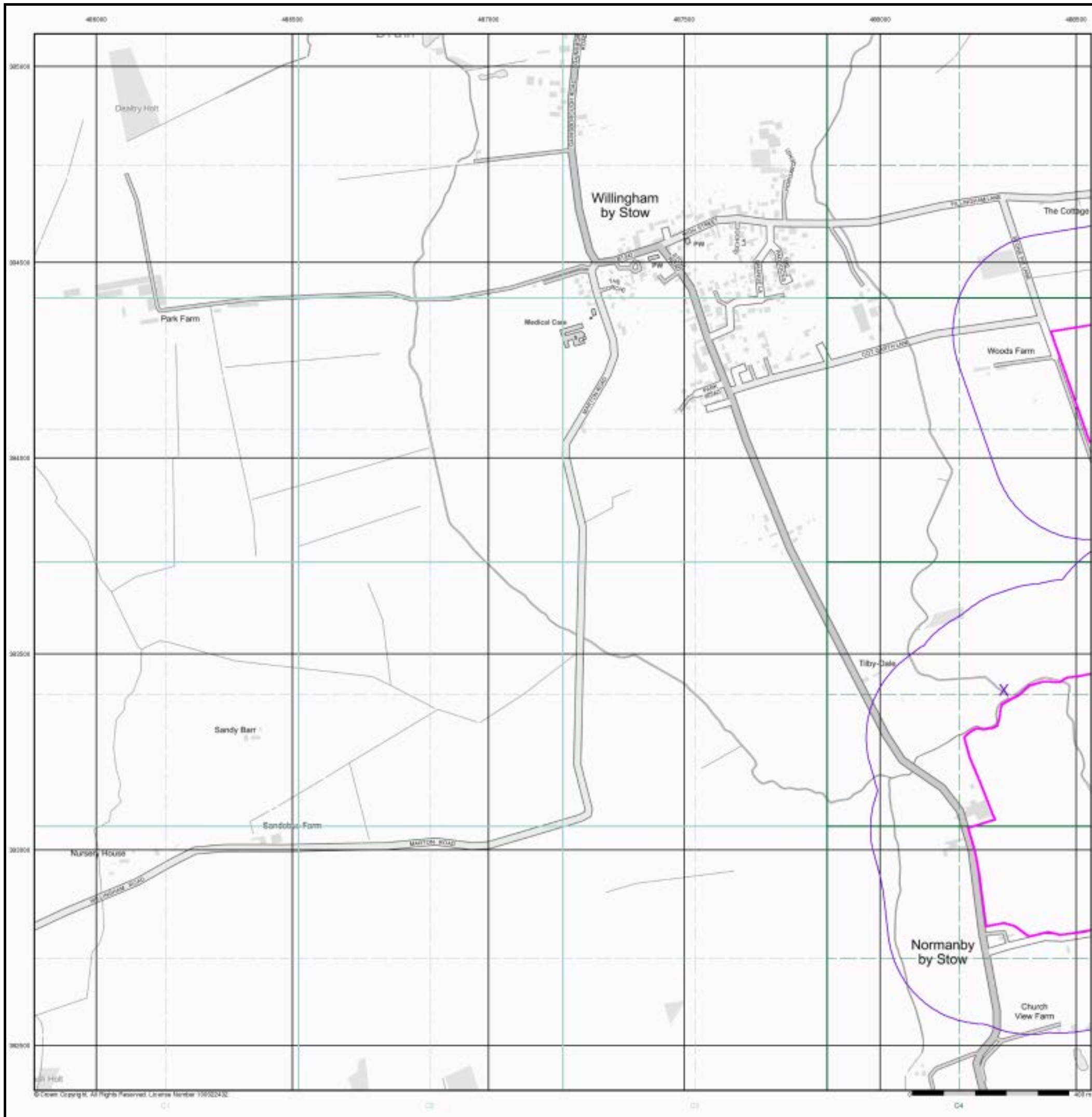


#### Order Details

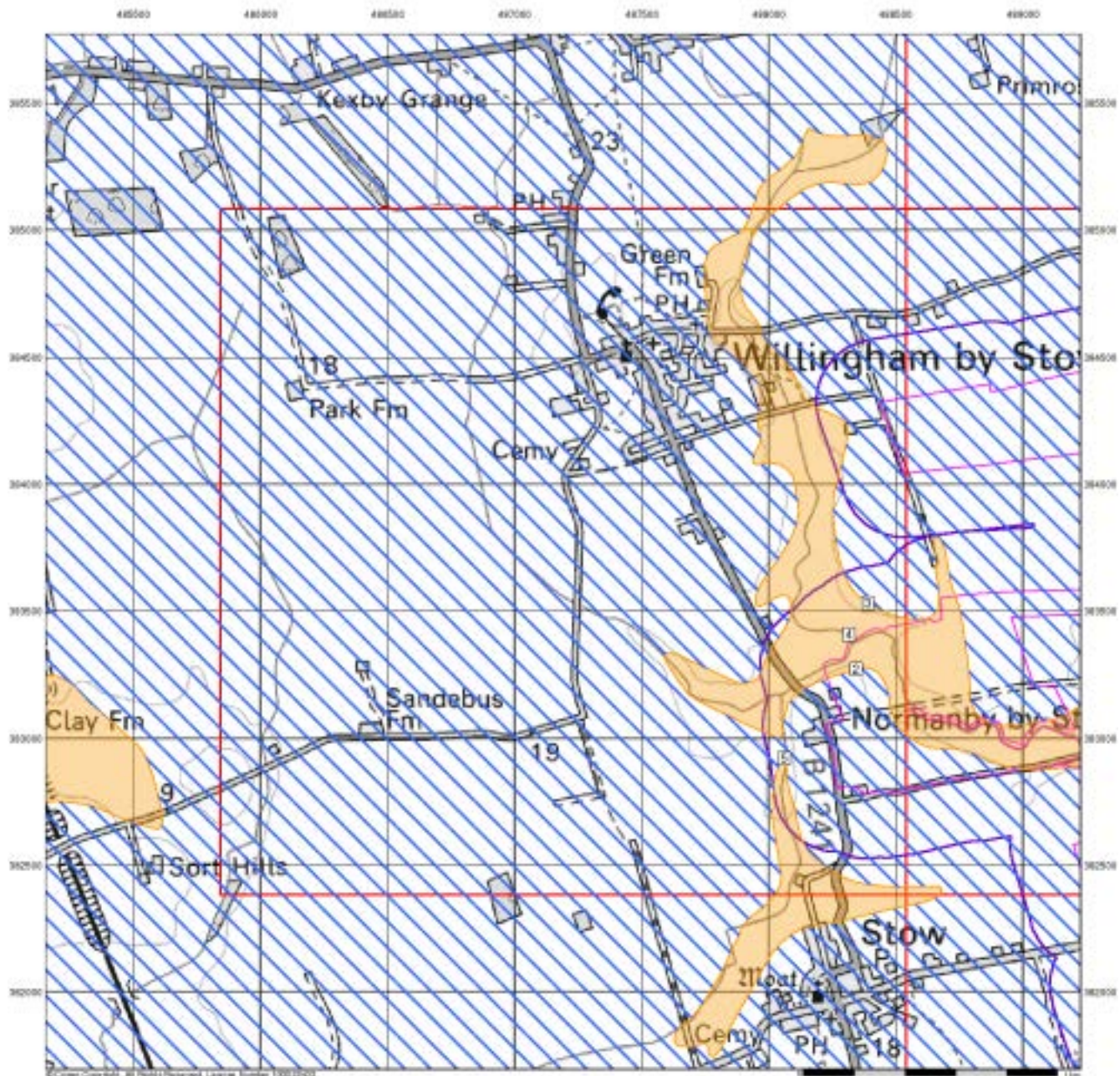
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

#### Site Details

Cottam 1







## Ground Stability Data (1:50,000)

### General

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

### Potential for Compressible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

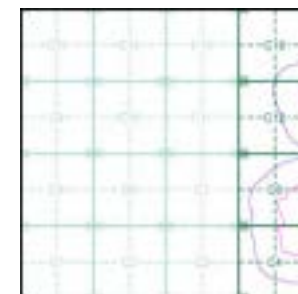
### Potential for Collapsible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Brine Pumping and Salt Mining

- |                               | Point | Polygon |
|-------------------------------|-------|---------|
| Brine Pumping Related Feature |       |         |
| Salt Mining Related Feature   |       |         |

### Mining and Ground Stability - Slice C



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Ground Stability Data (1:50,000)

### General

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

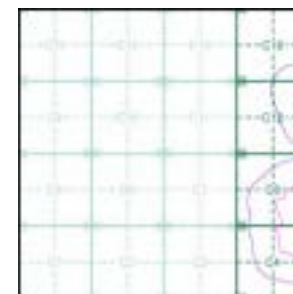
### Potential for Landslide Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Potential for Ground Dissolution Stability Hazards

- High
- Low
- Moderate
- Very Low

### Mining and Ground Stability - Slice C



### Order Details

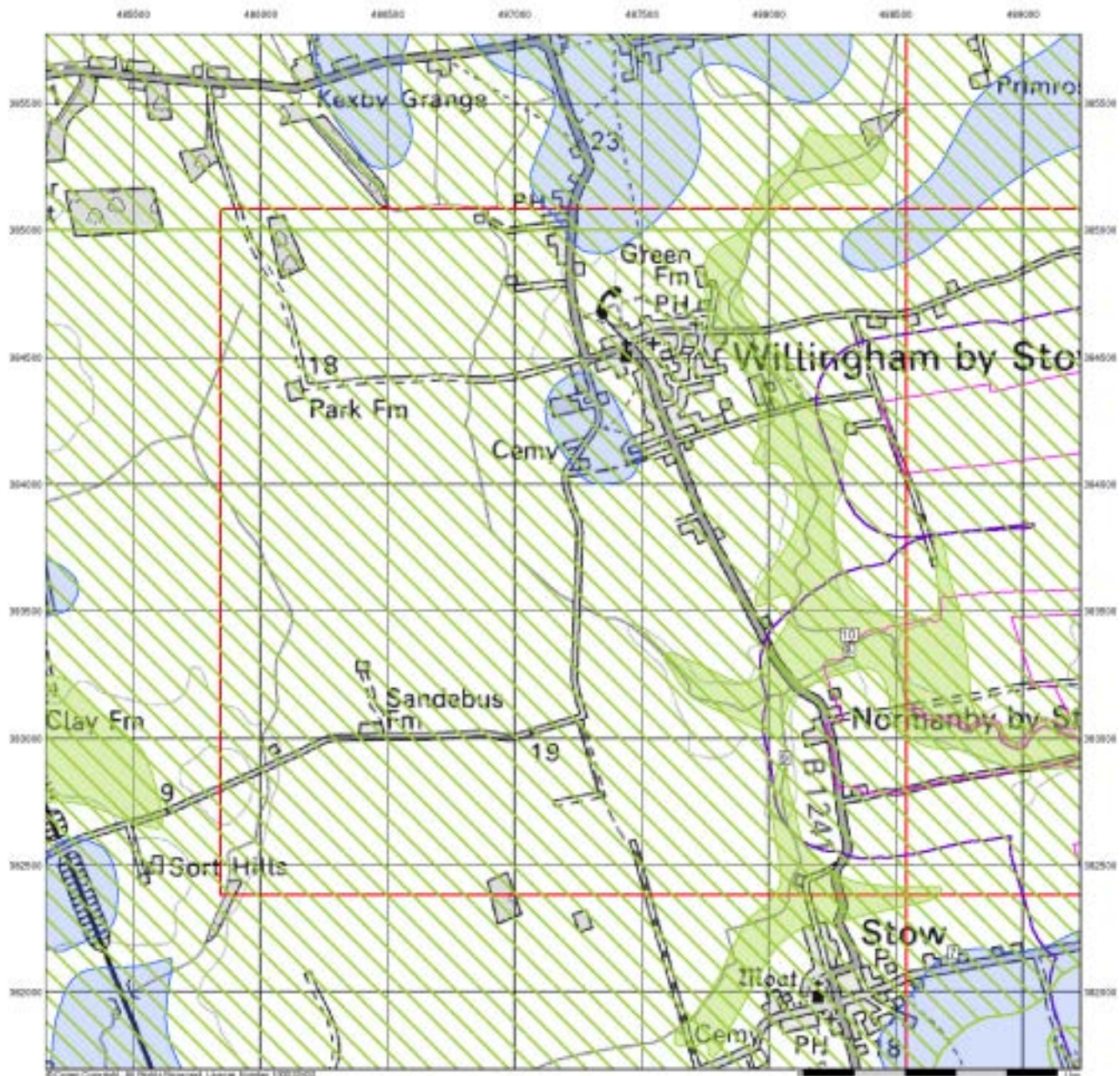
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Ground Stability Data (1:50,000)

### General

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

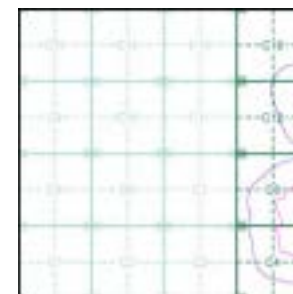
### Potential for Running Sand Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Mining and Ground Stability - Slice C



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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

## Envirocheck<sup>®</sup> Report:

### Mining and Ground Stability Datasheet

#### Order Details:

**Order Number:**

287330989\_1\_1

**Customer Reference:**

21-1088.02

**National Grid Reference:**

488320, 383410

**Slice:**

C

**Site Area (Ha):**

884.45

**Search Buffer (m):**

250

#### Site Details:

Cottam 1

#### Client Details:

Mr A Howells  
Delta Simons  
3 Henley Office Park  
Doddington Road  
Lincoln  
LN6 3QR

Report Section and Details	Page Number
<b>Summary</b>	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>	
<b>Mining and Natural Cavities Data</b>	-
<p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>	
<b>Historical Land Use Information (1:2,500)</b>	<b>1</b>
<p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p>	
<b>Historical Land Use Information (1:10,000)</b>	-
<p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>	
<b>Ground Stability Data (1:50,000)</b>	<b>2</b>
<p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>	
<b>Historical Map List</b>	<b>3</b>
<p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>	
<b>Data Currency</b>	<b>5</b>
<b>Data Suppliers</b>	<b>6</b>
<b>Useful Contacts</b>	<b>7</b>

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### Report Version v53.0

Data Type	Page Number	On Site	0 to 250m
<b>Mining and Natural Cavities Data</b>			
BGS Recorded Mineral Sites			
Coal Mining Affected Areas			n/a
Man Made Mining Cavities			
Mining Instability			n/a
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential Mining Areas			
<b>Historical Land Use Information (1:2,500)</b>			
Extractive Industries or Potential Excavations from 1855-1909 (100m)			
Extractive Industries or Potential Excavations from 1893-1915 (100m)			
Extractive Industries or Potential Excavations from 1906-1937 (100m)			
Extractive Industries or Potential Excavations from 1924-1949 (100m)			
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 1		1
Subterranean Features (100m)			
<b>Historical Land Use Information (1:10,000)</b>			
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining & quarrying general			
Mining of coal & lignite			
Quarrying of sand & clay, operation of sand & gravel pits			
Former Marshes			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
<b>Ground Stability Data (1:50,000)</b>			
CBSCB Compensation District			n/a
Brine Pumping Related Features			
Brine Subsidence Solution Area			
Potential for Collapsible Ground Stability Hazards	pg 2	Yes	Yes
Potential for Compressible Ground Stability Hazards	pg 2	Yes	Yes
Potential for Ground Dissolution Stability Hazards	pg 2	Yes	
Potential for Landslide Ground Stability Hazards	pg 2	Yes	
Potential for Running Sand Ground Stability Hazards	pg 2	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 2	Yes	Yes
Salt Mining Related Features			

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1975 Date: Last Map Published N/A Date:	C4NE (S)	22	-	488467 382761



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>CBSCB Compensation District</b> The site does not fall within the brine compensation area.				
	<b>Brine Subsidence Solution Area</b> The site does not fall within the brine subsidence solution area.				
2	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8SE (S)	0	1	488344 383271
3	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8NE (NE)	0	1	488390 383533
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8NE (S)	0	1	488316 383409
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C4NW (SW)	186	1	488062 382922
4	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C8NE (S)	0	1	488316 383409
5	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C4NW (SW)	186	1	488062 382922
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8SE (S)	0	1	488344 383271
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8NE (NE)	0	1	488390 383533
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8NE (S)	0	1	488316 383409
6	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8NE (S)	0	1	488316 383409
7	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	488725 382156
8	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C8NE (S)	0	1	488316 383409
9	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C4NW (SW)	186	1	488062 382922
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8NE (NE)	0	1	488390 383533
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8SE (S)	0	1	488344 383271
10	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C8NE (S)	0	1	488316 383409
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SE)	44	1	489159 382076

The following mapping has been analysed for Historical Land Use Information (1:2,500):








1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	SK8885	1972
Ordnance Survey Plan	SK8785	1973
Ordnance Survey Plan	SK8782	1975
Ordnance Survey Plan	SK8783	1975
Ordnance Survey Plan	SK8783	1975
Ordnance Survey Plan	SK8783	1975
Ordnance Survey Plan	SK8784	1975
Ordnance Survey Plan	SK8784	1975
Ordnance Survey Plan	SK8882	1975
Ordnance Survey Plan	SK8883	1975
Ordnance Survey Plan	SK8883	1975
Ordnance Survey Plan	SK8883	1975
Ordnance Survey Plan	SK8884	1975
Ordnance Survey Plan	SK8884	1975

The following mapping has been analysed for Historical Land Use Information (1:10,000):

<b>1:10,560</b>	<b>Mapsheet</b>	<b>Published Date</b>
Lincolnshire	051_NW	1890
Lincolnshire	051_SE	1890
Lincolnshire	051_SW	1890
Lincolnshire	051_NE	1891
Nottinghamshire	011_SW	1906
Lincolnshire	051_SW	1906
Nottinghamshire	011_NW	1907
Lincolnshire	051_NE	1907
Lincolnshire	051_NW	1907
Lincolnshire	051_SE	1907
Nottinghamshire	011_NW	1921
Lincolnshire	051_NW	1921
Nottinghamshire	011_SW	1922
Lincolnshire	051_SW	1922
Lincolnshire	051_NE	1947
Lincolnshire	051_NW	1947
Lincolnshire	051_SE	1947
Lincolnshire	051_SW	1947
Ordnance Survey Plan	SK88NE	1956
Ordnance Survey Plan	SK88SE	1956
<b>1:10,000</b>	<b>Mapsheet</b>	<b>Published Date</b>
Ordnance Survey Plan	SK88NE	1980
Ordnance Survey Plan	SK88SE	1981

<b>Mining and Cavities Data</b>	<b>Version</b>	<b>Update Cycle</b>
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Man Made Mining Cavities</b> Stantec UK Ltd	May 2021	Bi-Annually
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Natural Cavities</b> Stantec UK Ltd	May 2021	Bi-Annually
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Historical Land Use Information (1:2,500)</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Subterranean Features</b> Landmark Information Group Limited	February 2020	Bi-Annually
<b>Ground Stability Data (1:50,000)</b>	<b>Version</b>	<b>Update Cycle</b>
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Brine Subsidence Solution Area</b> Johnson Poole & Bloomer	December 2020	Annual Rolling Update

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a> Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: <a href="mailto:customerservices@landmarkinfo.co.uk">customerservices@landmarkinfo.co.uk</a> Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a>

#### General

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

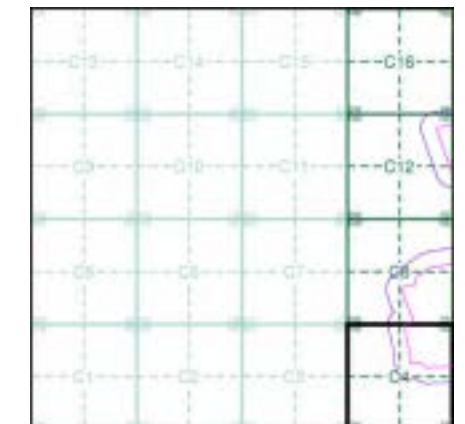
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▧
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▩
Extractive Industries Activity from 1950 - 1980	▲	—	▪

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment C4

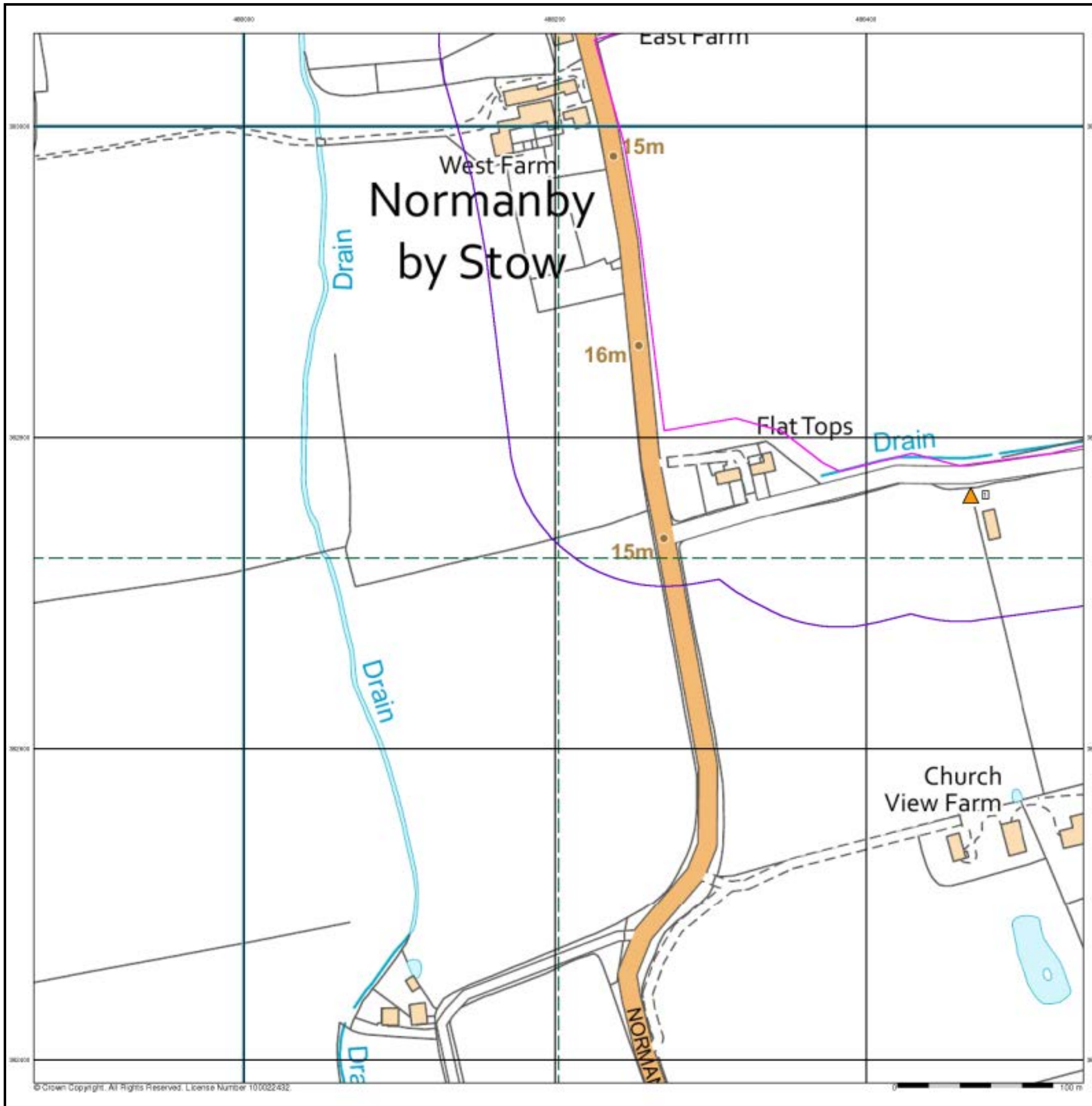


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

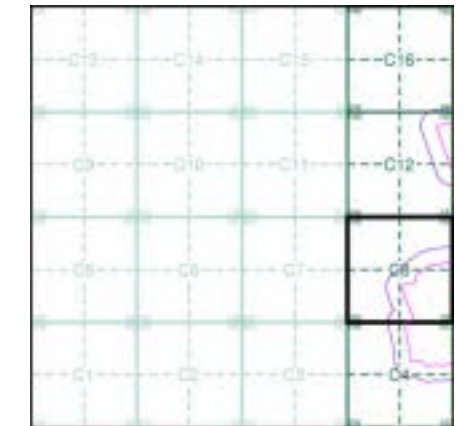
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▧
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▩
Extractive Industries Activity from 1950 - 1960	▲	—	▪

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment C8

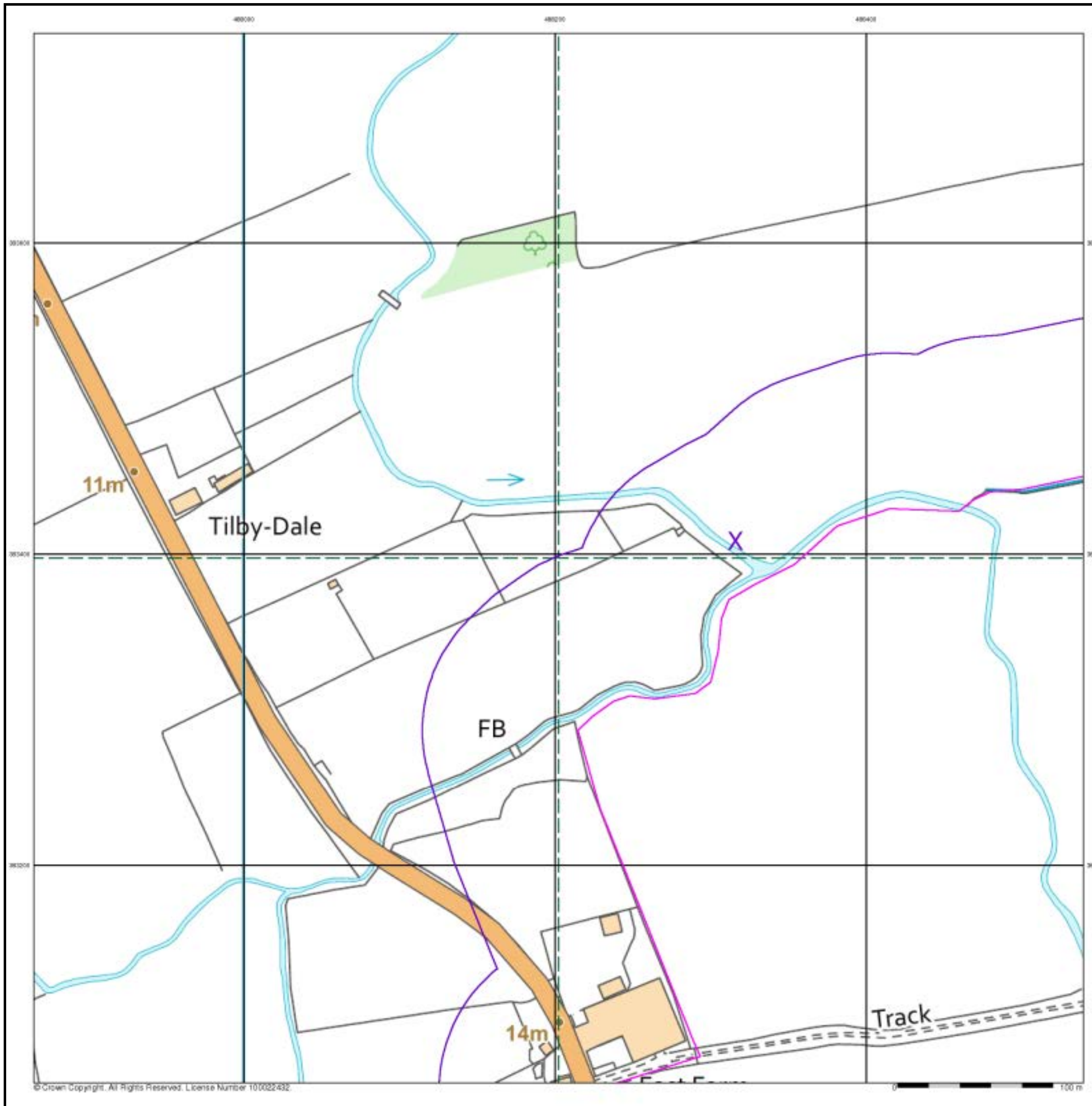


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1





### Historical Land Use Information (1:2,500)

#### General

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

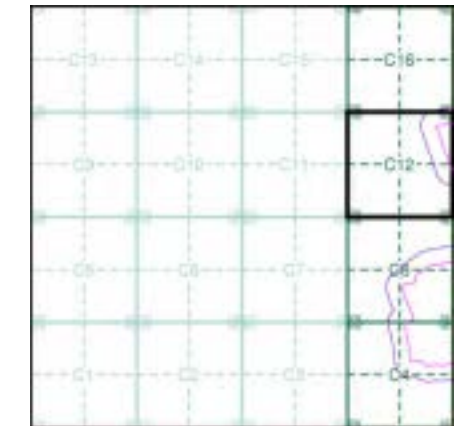
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment C12



#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details
















Cottam 1



**General**

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

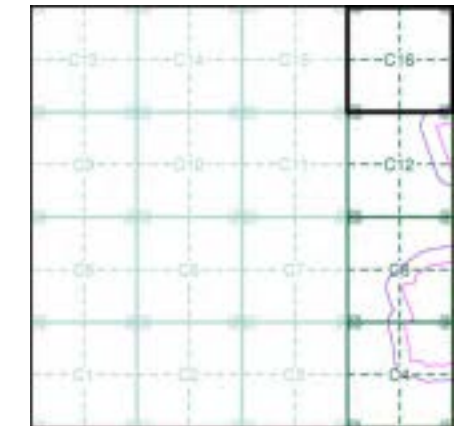
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features			

**Mining and Ground Stability - Segment C16**



**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100





**Site Details**

Cottam 1





# Geology 1:50,000 Maps Legends

## Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	HPSG	Holme Pierrepont Sand and Gravel Member	Sand and Gravel	Not Supplied - Pleistocene

## Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SMD	Scunthorpe Mudstone Formation	Mudstone and Limestone, Interbedded	Not Supplied - Rhaetian
		Faults		



## Geology 1:50,000 Maps

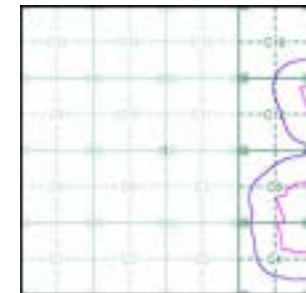
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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: 102  
 Map Name: Market Rasen  
 Map Date: 1999  
 Bedrock Geology: Available  
 Superficial Geology: Available  
 Artificial Geology: Not Available  
 Faults: Not Supplied  
 Landslip: Not Available  
 Rock Segments: Not Supplied

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



## Order Details:

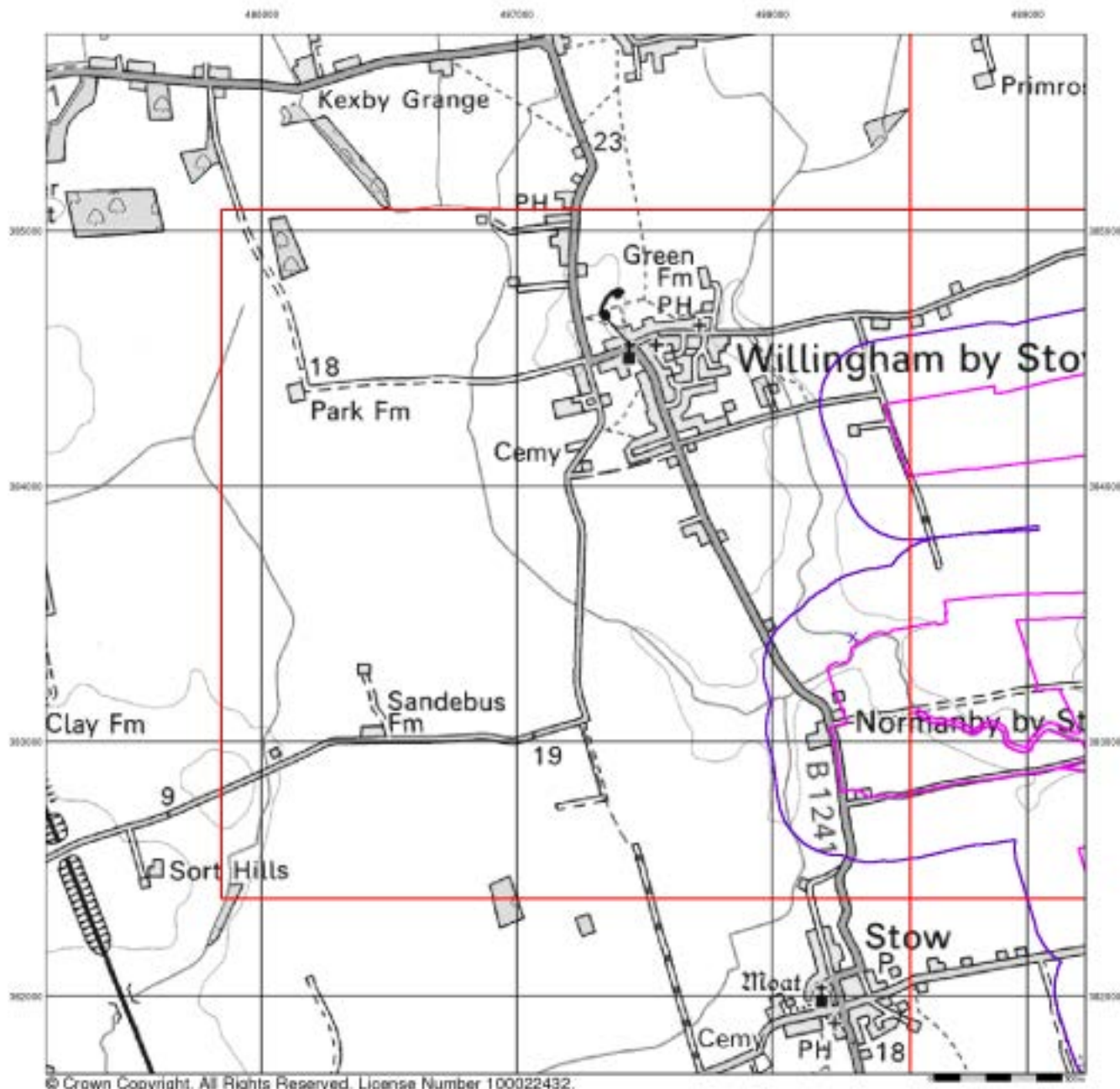
Order Number: 287330989\_1\_1  
 Customer Reference: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

## Site Details:

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 Fax: 0844 844 9951  
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### Artificial Ground and Landslip

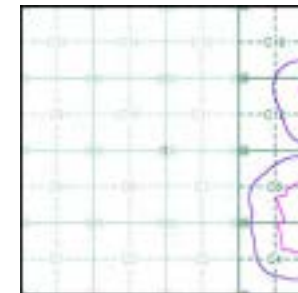
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



#### Order Details:

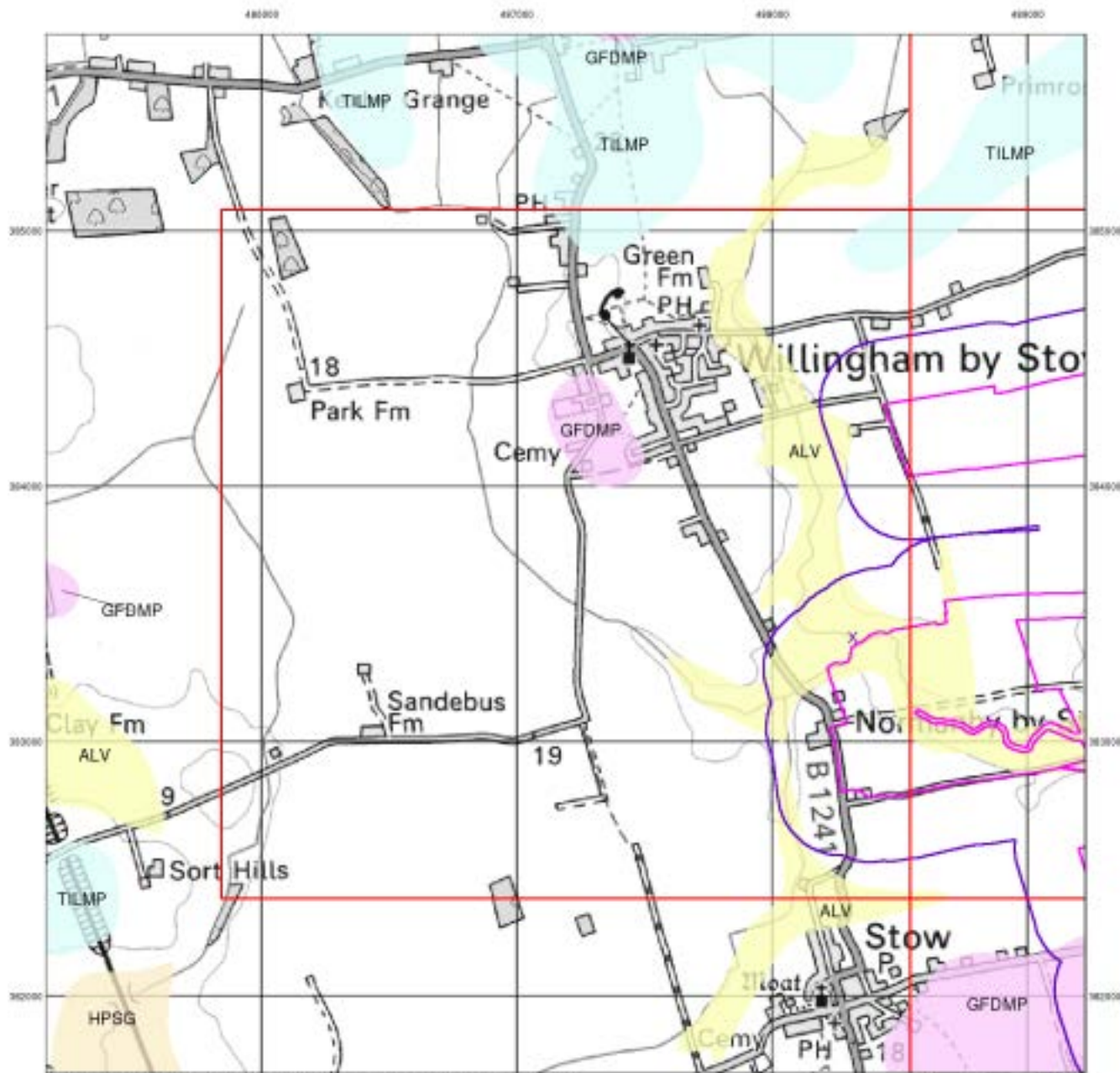
Order Number: 287330989\_1\_1  
 Customer Reference: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

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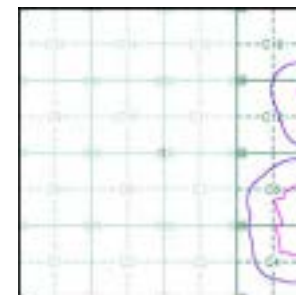
### Superficial Geology

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 C



### Order Details:

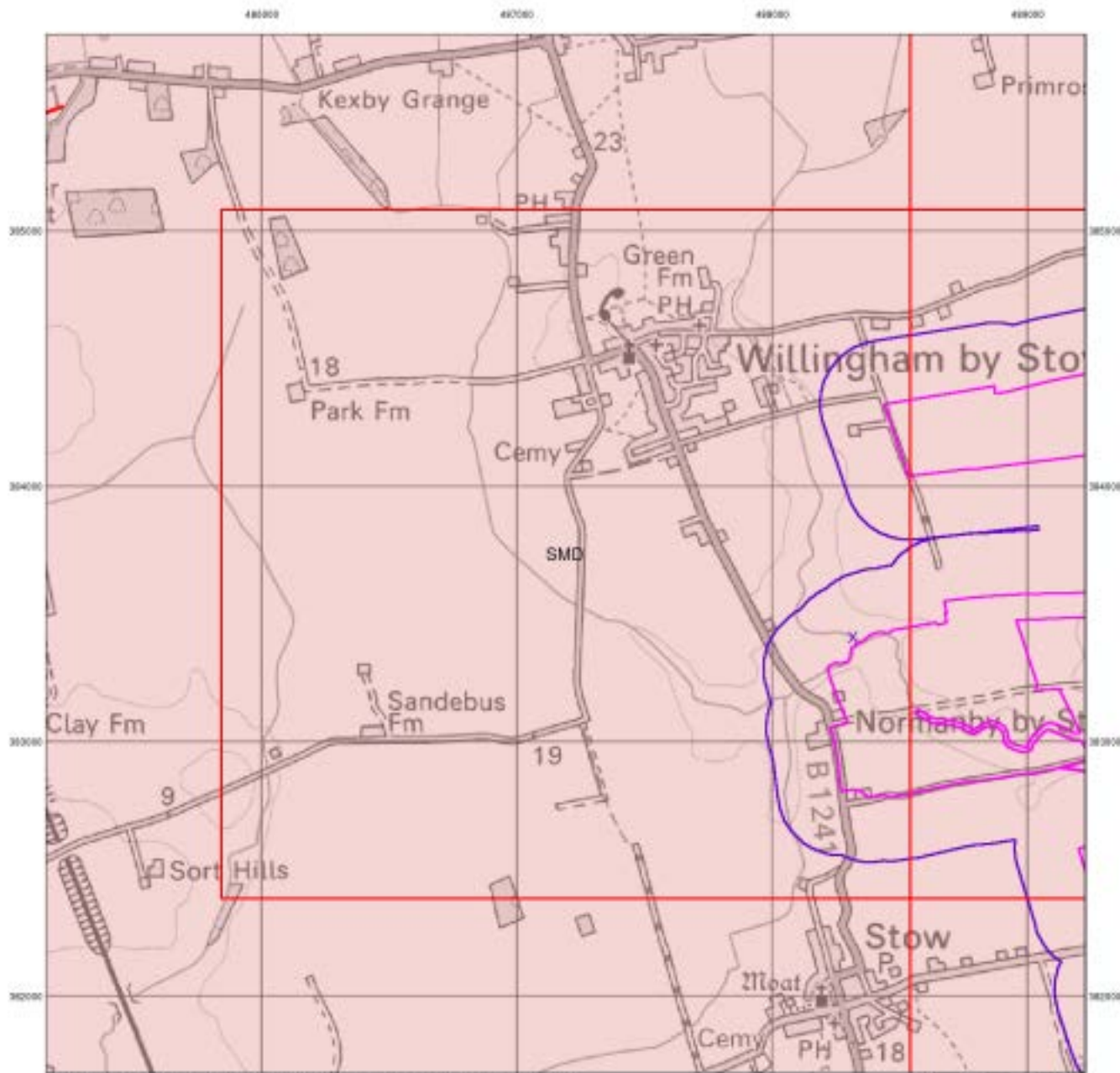
Order Number: 287330989\_1\_1  
 Customer Reference: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

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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 C



### Order Details:

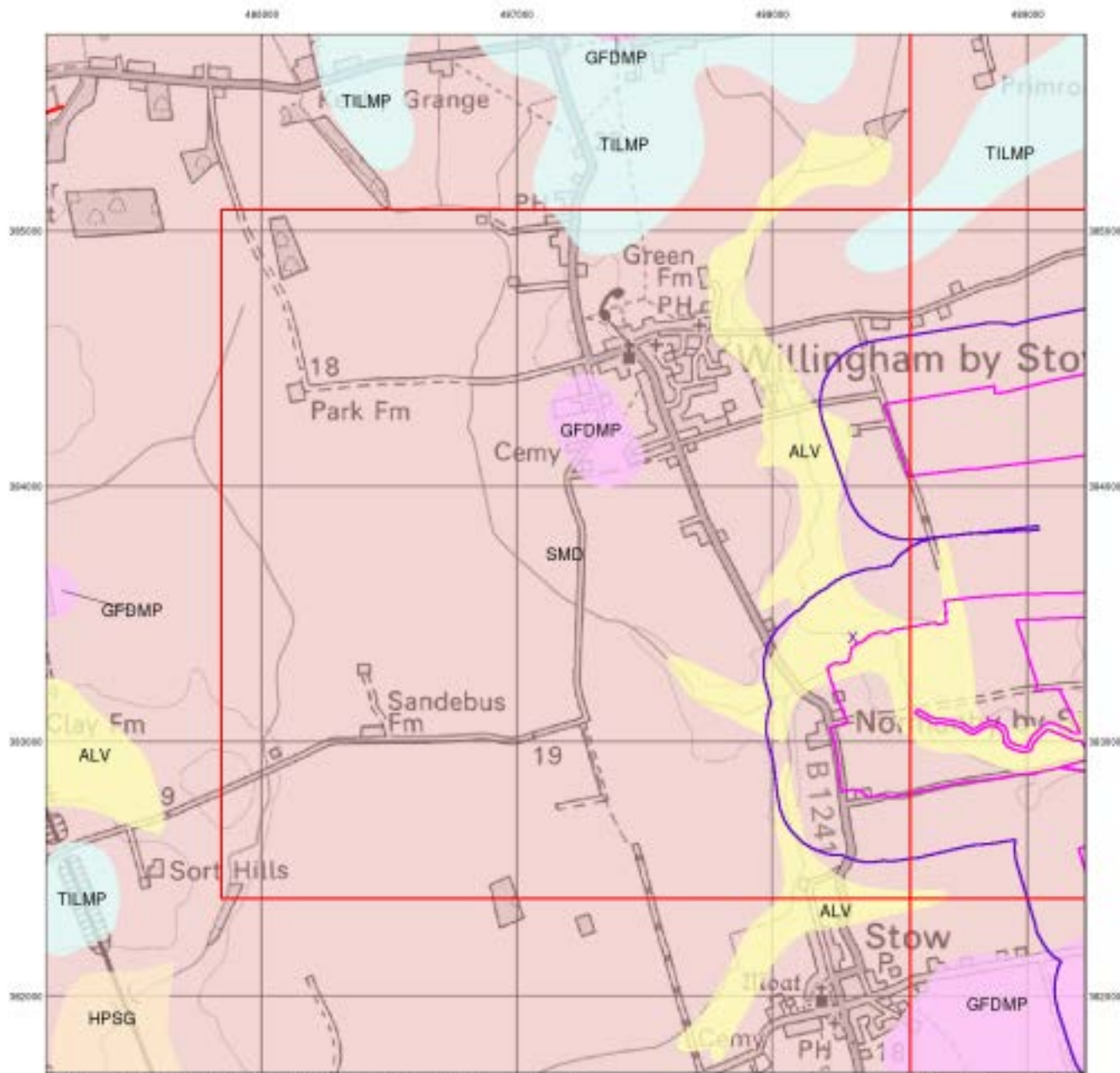
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 Customer Reference: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details:

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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.

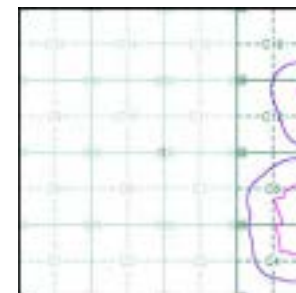
### Additional Information

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 C



### Order Details:

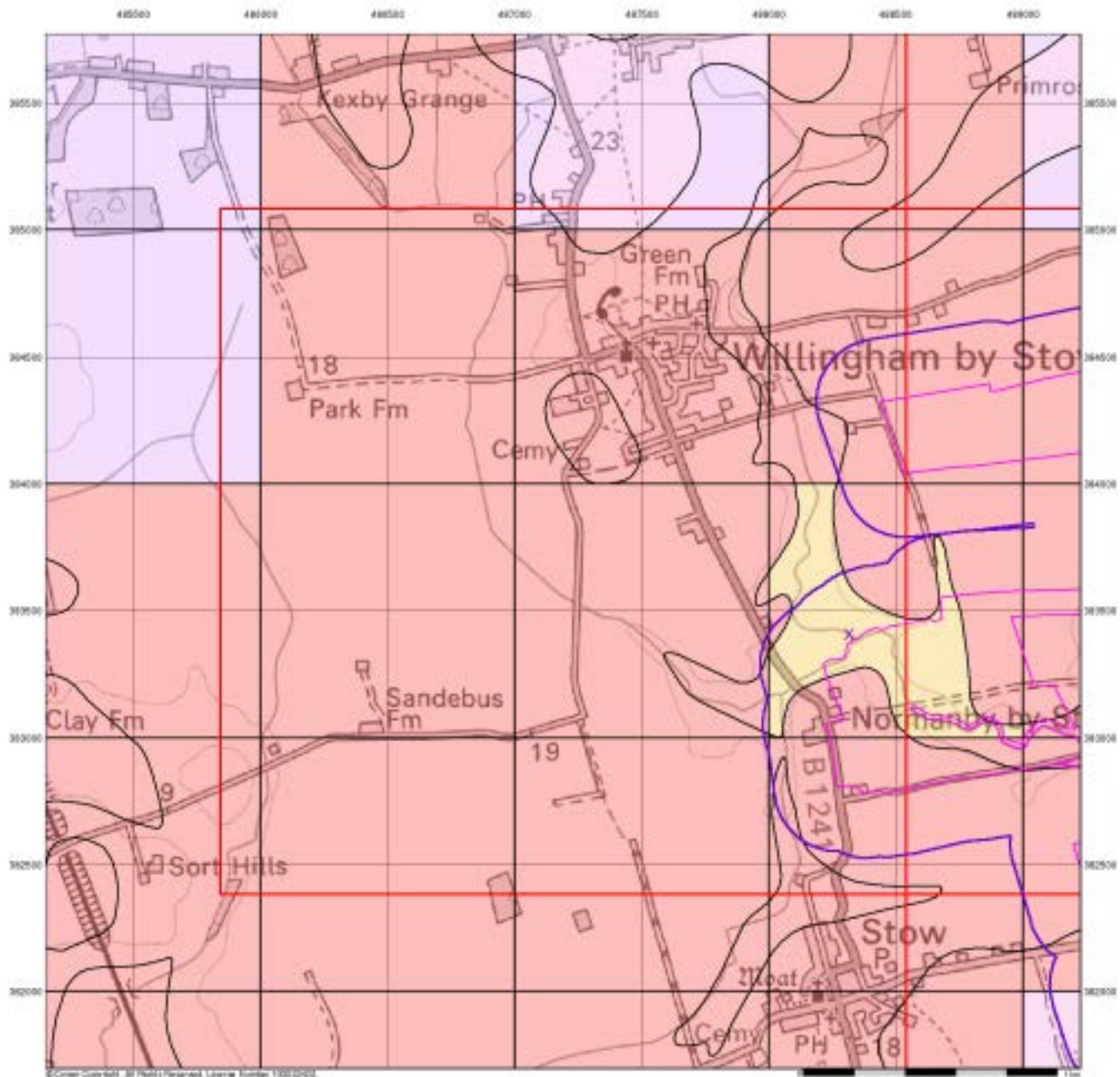
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 Customer Reference: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details:

Cottam 1



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## Groundwater Vulnerability

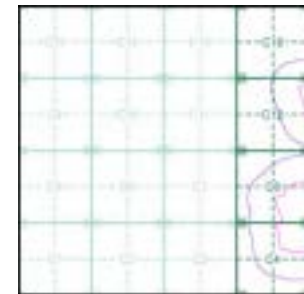
### General

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

### Agency and Hydrological

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

### Site Sensitivity Context Map - Slice C



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

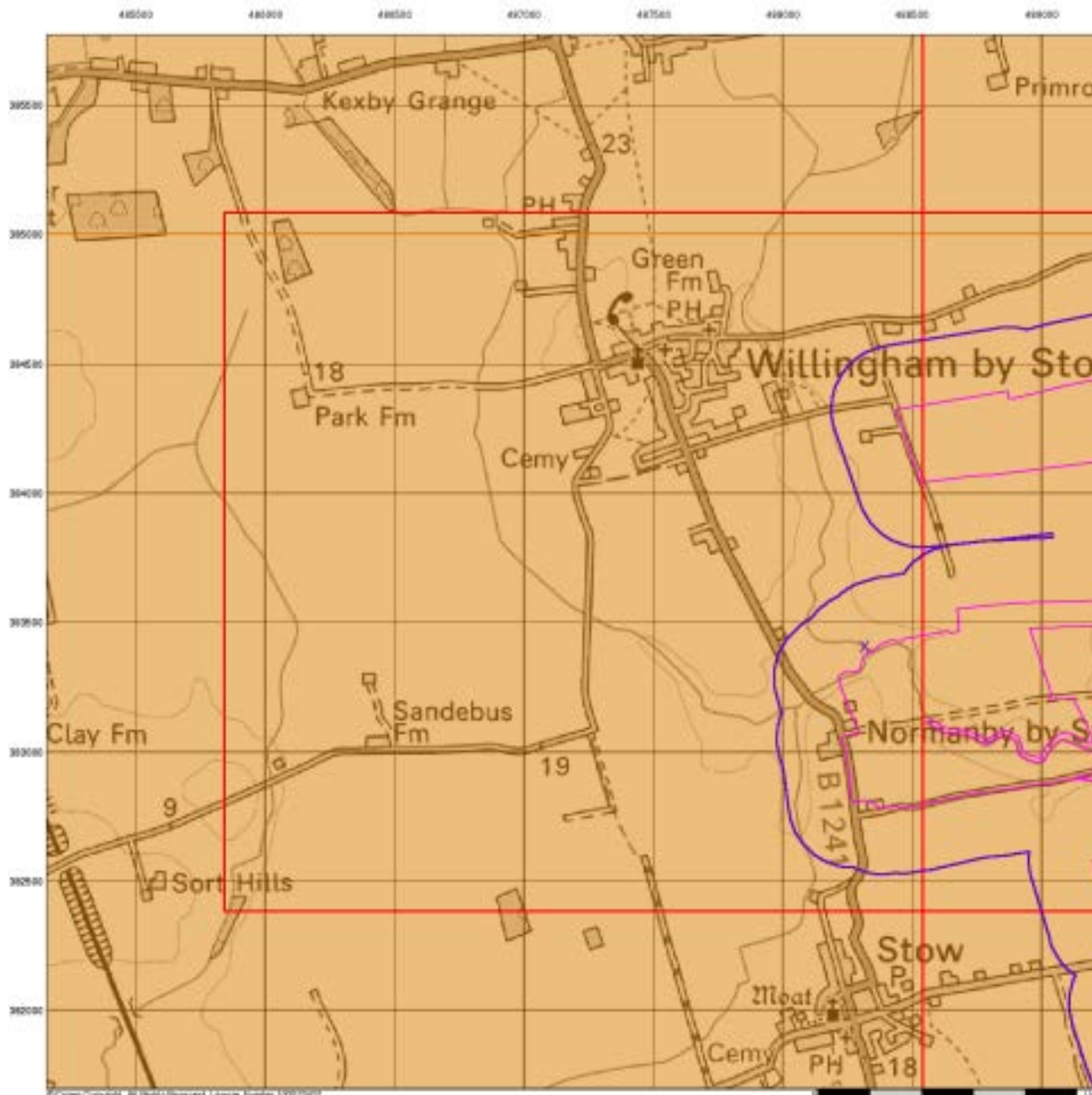
### Site Details

Cottam 1



Tel: 0844 844 9952  
 Fax: 0844 844 9951  
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## Bedrock Aquifer Designation

### General

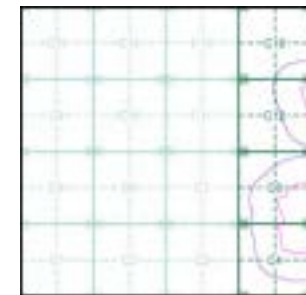
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice C



### Order Details

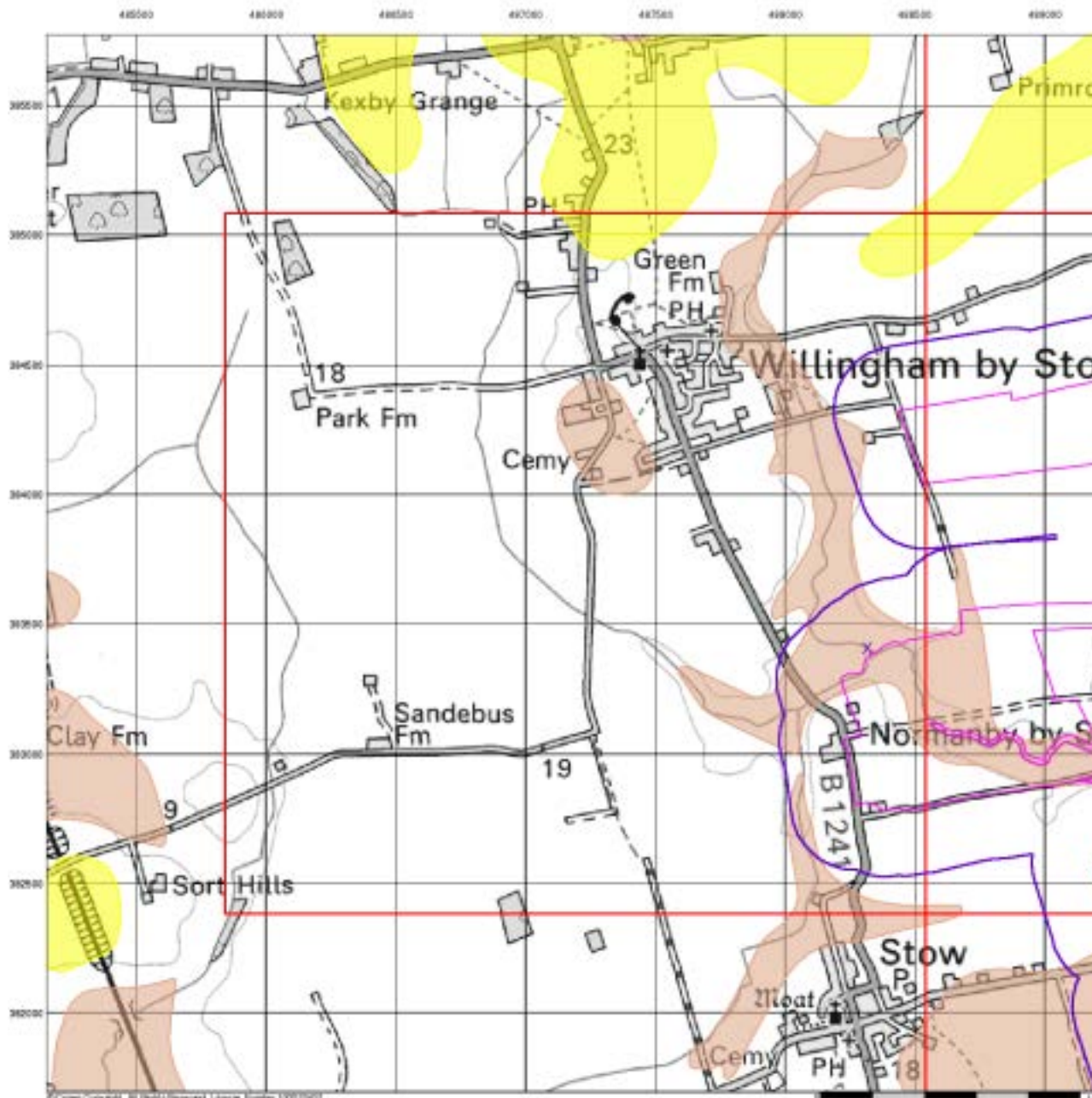
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Superficial Aquifer Designation

### General

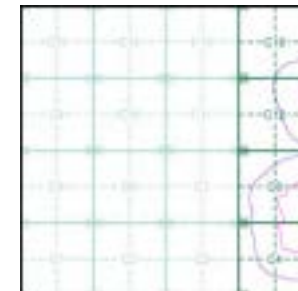
- ◇ Specified Site
- ◇ Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

### 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 C



### Order Details

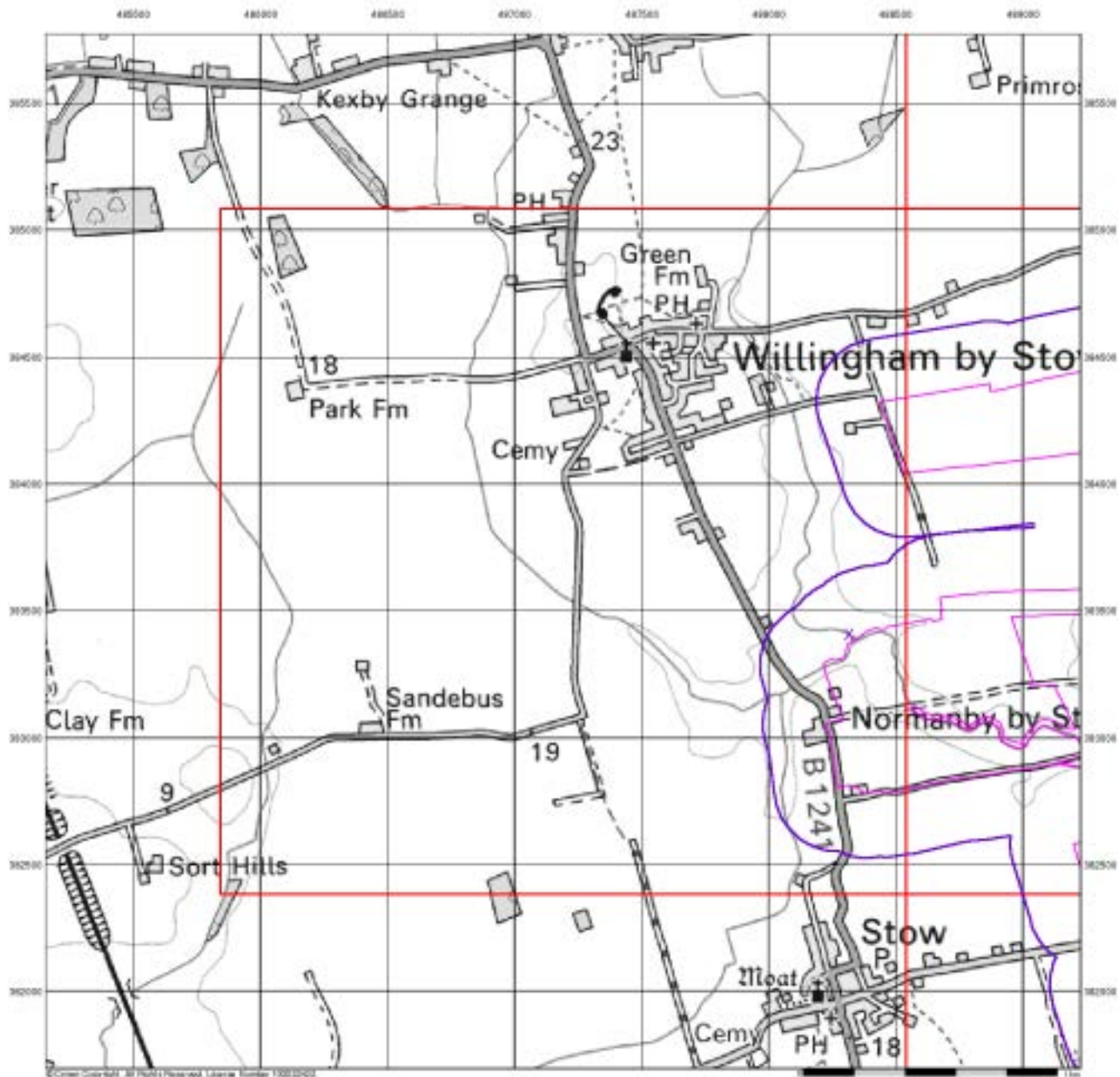
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
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### Site Details

Cottam 1



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## Source Protection Zones

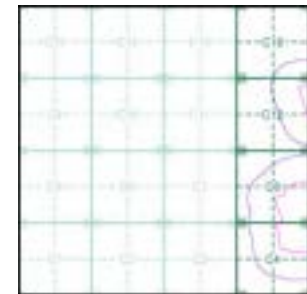
### General

- ◊ 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 C



### Order Details

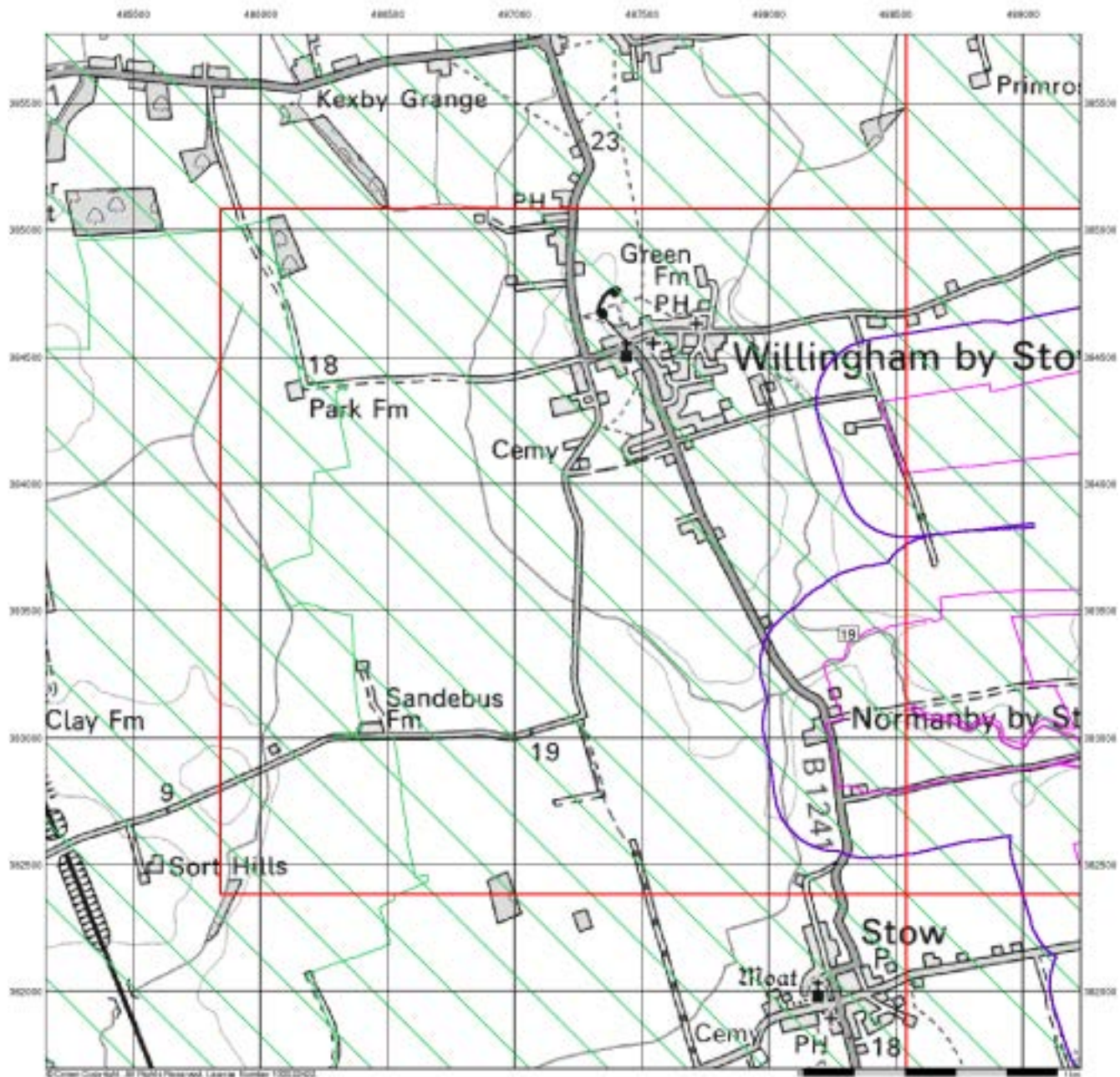
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Sensitive Land Uses

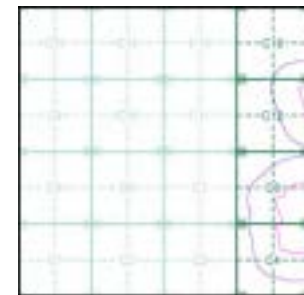
### General

- 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 C



### Order Details

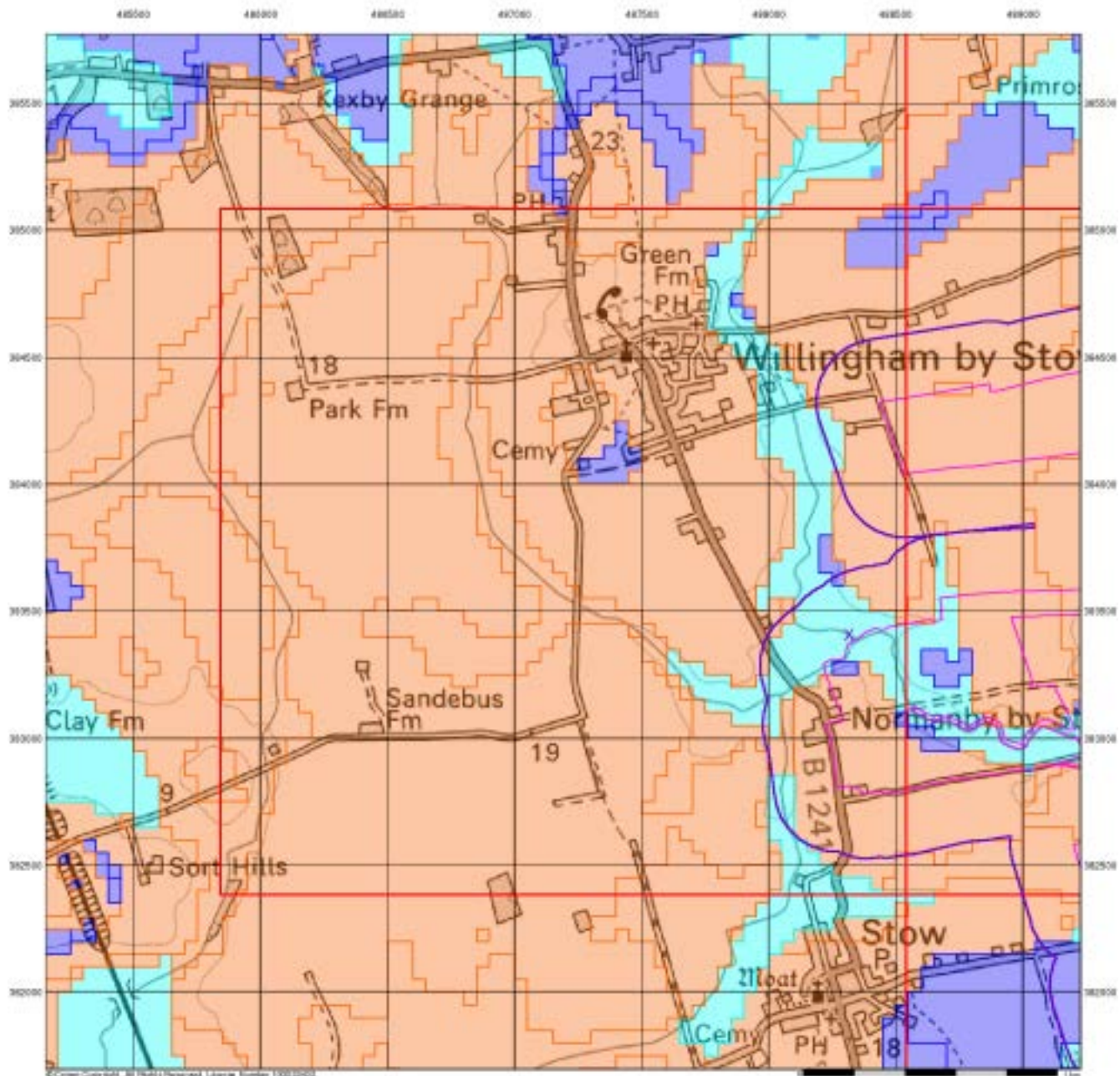
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



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### BGS Flood GFS Data

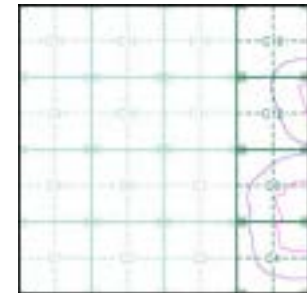
#### General

- Specified Site
- Specified Buffer(s)
- Measuring 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 C



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 488320, 383410  
 Slice: C  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

287330989\_1\_1

**Customer Reference:**

21-1088.02

**National Grid Reference:**

489670, 383750

**Slice:**

D

**Site Area (Ha):**

884.45

**Search Buffer (m):**

250

#### Site Details:

Cottam 1

#### Client Details:

Mr A Howells  
Delta Simons  
3 Henley Office Park  
Doddington Road  
Lincoln  
LN6 3QR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	31
Hazardous Substances	-
Geological	32
Industrial Land Use	-
Sensitive Land Use	37
Data Currency	38
Data Suppliers	43
Useful Contacts	44

## Introduction

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

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## Report Version v53.0

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Agency &amp; Hydrological</b>			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents			
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature		Yes	
Pollution Incidents to Controlled Waters			
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality	pg 4	1	
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 4	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Groundwater Vulnerability - Local Information			n/a
Bedrock Aquifer Designations	pg 14	Yes	n/a
Superficial Aquifer Designations	pg 15	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 15	Yes	Yes
Flooding from Rivers or Sea without Defences	pg 16	Yes	Yes
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences	pg 16	Yes	Yes
OS Water Network Lines	pg 17	36	86



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Waste</b>			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 31	2	n/a
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
<b>Hazardous Substances</b>			
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 (*up to 500m)
<b>Geological</b>			
BGS 1:625,000 Solid Geology	pg 32	Yes	n/a
BGS Estimated Soil Chemistry	pg 32	Yes	Yes
BGS Recorded Mineral Sites			
BGS Urban Soil Chemistry			
BGS Urban Soil Chemistry Averages			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 33	Yes	Yes
Potential for Compressible Ground Stability Hazards	pg 33	Yes	Yes
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 34	Yes	
Potential for Running Sand Ground Stability Hazards	pg 34	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 35	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a
<b>Industrial Land Use</b>			
Contemporary Trade Directory Entries			
Fuel Station Entries			
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			
Gas Pipelines			
Underground Electrical Cables			

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Sensitive Land Use</b>			
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 37	1	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	489950 381950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D10NE (N)	0	1	489673 384250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	489650 382250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SW (SW)	0	1	488800 383350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D10SW (W)	0	1	489400 383749
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	488350 383300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D2NE (S)	0	1	489673 382800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SW (SW)	0	1	488550 383100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D5SE (SW)	0	1	488900 383100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	491750 382150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D10NE (N)	0	1	489600 384250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D10SW (NW)	0	1	489400 384050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D5SE (SW)	0	1	489150 383100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	490000 381900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	490050 382300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1NW (SW)	0	1	488750 383000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D5NW (W)	0	1	488650 383700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	491800 385800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D9NW (NW)	0	1	488800 384350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	491900 384350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	491900 382850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D2NW (S)	0	1	489400 382900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D10SE (NE)	0	1	489700 383800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	491650 384250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	491750 385600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1NE (SW)	0	1	489150 382900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D10NW (NW)	0	1	489350 384400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D10NW (N)	0	1	489500 384300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D16NW (NE)	0	1	490600 384750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	489550 382300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D3SW (S)	0	1	489900 382550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D3SW (S)	0	1	490050 382600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	490100 381800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D15NW (N)	0	1	490000 385000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D2NE (S)	0	1	489800 382850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D3NW (S)	0	1	490000 382850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D10SE (W)	0	1	489673 383749
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D11SW (E)	0	1	490000 383749
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D11NW (NE)	8	1	490150 384400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D2NE (S)	12	1	489750 382850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	17	1	489750 381850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D14SE (N)	21	1	489673 384500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D14SE (N)	21	1	489700 384500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D6SW (SW)	22	1	489250 383150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D11NW (NE)	33	1	490000 384350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D9SW (W)	39	1	488750 383749
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D3NW (SE)	59	1	490150 383000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	83	1	489200 382300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	94	1	489250 381800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	97	1	489250 382250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	126	1	488100 383150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D1SW (SW)	164	1	488650 382400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D6SW (SW)	168	1	489500 383350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	182	1	491250 384250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D7SW (SE)	195	1	489950 383200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	198	1	488100 383550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	200	1	488100 383750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	200	1	488300 383700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	D9SW (W)	204	1	488700 383800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D15SW (N)	208	1	490000 384650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D7SW (SE)	209	1	490000 383200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D15NW (N)	221	1	490050 384850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	227	1	490050 385100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D6NE (S)	237	1	489700 383550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	246	1	488000 382950
	<b>Nearest Surface Water Feature</b>	D3SE (SE)	0	-	490329 382636

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>River Quality</b> Name: Till GQA Grade: River Quality D Reach: Kexby Beck...Cricket Till Estimated Distance (km): 7.7 Flow Rate: Flow less than 0.62 cumecs Flow Type: River Year: 2000	D2NW (S)	0	2	489447 382928
	<b>Groundwater Vulnerability Map</b> 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: <3m Superficial Recharge: No Data	(S)	0	3	489673 382000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High 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: <3m Superficial Recharge: No Data	D14SE (N)	0	3	489707 384477
	<b>Groundwater Vulnerability Map</b> 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: <3m Superficial Recharge: Low	D11SE (E)	0	3	490343 384000
	<b>Groundwater Vulnerability Map</b> 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: <3m Superficial Recharge: Low	D16NW (NE)	0	3	490883 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	D15NE (NE)	0	3	490356 384912
	<p><b>Groundwater Vulnerability Map</b></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: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	D11SW (NE)	0	3	490139 384000
	<p><b>Groundwater Vulnerability Map</b></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: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	D15SW (NE)	0	3	490207 384417
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: Low</p>	(NE)	0	3	491320 385000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: Low</p>	D12SE (E)	0	3	491000 384000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	(NE)	0	3	490823 385134
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	D15NE (NE)	0	3	490387 385000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	D15NE (NE)	0	3	490350 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	D15NW (N)	0	3	490154 385000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	(NE)	0	3	491000 385086
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	(NE)	0	3	491780 385160
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	(NE)	0	3	491545 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	D16NE (NE)	0	3	491000 385000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(SE)	0	3	490586 382000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	(SE)	0	3	491283 382000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: Low</p>	D16SE (NE)	0	3	491005 384568

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</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: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	(S)	0	3	489480 382287
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	D3NW (SE)	0	3	490100 382948
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	(SE)	0	3	491292 382014
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	D4SE (SE)	0	3	491000 382409

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</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: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	D10SE (N)	0	3	489673 384000
	<p><b>Groundwater Vulnerability Map</b></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: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	D11SW (NE)	0	3	490000 384000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</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: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	D1NE (SW)	0	3	489000 383000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</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: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	D2NE (S)	0	3	489673 383000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: &gt;70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	D5NW (W)	0	3	488750 383517
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</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: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	D10SE (W)	0	3	489673 383749
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	(SE)	0	3	490900 382000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	(S)	0	3	490157 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	(SE)	0	3	491000 382000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	D3NW (SE)	0	3	490086 382811
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: &gt;70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	D9SE (W)	0	3	489000 383749
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: &gt;70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	(SW)	0	3	488461 383207

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	D10SW (W)	0	3	489421 383758
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	D1NE (SW)	0	3	489000 382876
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	D9SE (W)	0	3	489000 384000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	D10SW (NW)	0	3	489425 384000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	D2NW (S)	0	3	489391 382886
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	D3NW (S)	0	3	490000 382843
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	489734 382000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	490000 382000
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	D7NE (E)	0	3	490284 383632
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	D15NE (NE)	0	3	490350 385000
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	D10SE (W)	0	3	489673 383749

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	D11SW (E)	0	3	490000 383749
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	D15NW (N)	0	3	490000 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	D7NW (SE)	0	3	490000 383505
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	D15NE (NE)	0	3	490387 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	D14SE (N)	0	3	489707 384477
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(N)	0	3	490295 385261
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(NE)	0	3	491320 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(NE)	0	3	490823 385134
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	D11SW (E)	0	3	490000 383749
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	D10SE (W)	0	3	489673 383749
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	D3NW (S)	0	3	490000 382953
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	(S)	0	3	489480 382287
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	D16SE (NE)	0	3	491005 384568
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	D15SW (NE)	0	3	490207 384417
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	D15NW (N)	0	3	490154 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(SE)	0	3	491292 382014
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D3NW (S)	0	2	490000 382943
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D10SE (W)	0	2	489655 383749
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D7NW (E)	0	2	489900 383700
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D7SW (S)	15	2	489899 383064
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D6SE (S)	23	2	489733 383254

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D7SW (S)	141	2	489939 383080
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D2NE (S)	0	2	489655 382900
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D3NW (S)	0	2	490009 382918
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D7NW (E)	0	2	489915 383715
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D7SE (SE)	0	2	490487 383062
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D6SE (S)	4	2	489645 383186
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D3NW (SE)	19	2	490215 382778
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D3SW (S)	26	2	489941 382510
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D6NE (S)	230	2	489673 383528
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	D2NW (S)	0	2	489521 382954
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	D2NW (S)	0	2	489516 382938
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	D3NW (S)	0	2	490010 382924
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	D3NW (S)	0	2	489998 382945
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	D3SE (SE)	0	2	490242 382695
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	D3NW (SE)	17	2	490025 382949
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	D3SE (SE)	19	2	490255 382720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 368.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (NE)	0	4	490202 384147
2	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D15NE (NE)	0	4	490367 385019
3	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2066.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D15NE (NE)	0	4	490375 385026
4	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 415.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D12NW (NE)	0	4	490623 384221
5	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 419.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D16SW (NE)	0	4	490794 384680
6	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 174.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D16SW (NE)	0	4	490887 384515
7	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1532.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D16SW (NE)	0	4	490887 384515
8	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 158.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11SW (NE)	0	4	489899 383970
9	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 173.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6NW (SW)	0	4	489337 383494

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 98.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6NW (SW)	0	4	489370 383595
11	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 335.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6NW (SW)	0	4	489370 383595
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 816.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6NW (W)	0	4	489365 383697
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NE (NE)	0	4	489884 384127
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NE (NE)	0	4	489880 384149
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 59.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (NE)	0	4	489891 384146
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 129.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NE (NE)	0	4	489880 384149
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NE (NE)	0	4	489880 384149
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NW (NW)	0	4	489499 384160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NW (NW)	0	4	489499 384160
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NW (NW)	0	4	489503 384161
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 274.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NE (N)	0	4	489580 384179
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 544.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NW (NW)	0	4	489501 384161
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 926.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D2SW (S)	0	4	489441 382672
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D2SW (S)	0	4	489445 382680
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 19.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D2NE (S)	0	4	489604 382819
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 291.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	D2NE (S)	0	4	489869 382892
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 157.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	D2NW (S)	0	4	489523 382945

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 118.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D1NE (SW)	0	4	489000 382966
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 619.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	D2NW (S)	0	4	489523 382945
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	D2NW (S)	0	4	489522 382950
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 31.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	D2NW (S)	0	4	489513 382980
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 264.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D5NW (W)	0	4	488676 383498
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 206.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D5NW (W)	0	4	488675 383533
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D5NW (W)	0	4	488679 383501
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 24.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D9NW (W)	0	4	488761 384080
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 866.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	D1NE (SW)	0	4	489000 382966

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6NW (SW)	1	4	489369 383497
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 231.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D14SE (N)	1	4	489579 384458
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 202.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D2NE (S)	1	4	489589 382807
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6NW (SW)	2	4	489345 383490
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 704.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	D3NW (S)	3	4	490001 382932
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 13.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NE (NE)	3	4	489880 384155
43	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D9SW (W)	3	4	488745 384060
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 286.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D1NW (SW)	3	4	488768 382840
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 168.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D1NE (SW)	3	4	488941 382864



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (NE)	4	4	489891 384144
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 163.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D2NE (S)	4	4	489812 383029
48	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D9SW (W)	4	4	488748 384062
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D1NW (SW)	4	4	488774 382841
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 165.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6NW (SW)	5	4	489345 383490
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 26.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	D6NW (SW)	5	4	489372 383491
52	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 3.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D9SW (W)	5	4	488745 384060
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 167.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D15NE (NE)	6	4	490363 385015
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D15NE (NE)	6	4	490363 385015

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 113.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D9SW (W)	6	4	488742 384059
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (NE)	7	4	489896 384140
57	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 222.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6NE (S)	7	4	489592 383520
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D15SW (NE)	8	4	490224 384493
59	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 344.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D15SW (NE)	8	4	490226 384503
60	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (NE)	8	4	489893 384129
61	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 533.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Till Catchment Name: Witham Primacy: 1	D3SE (SE)	8	4	490372 382613
62	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 210.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D15NW (N)	11	4	490143 384969
63	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D15NE (NE)	11	4	490315 384836

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 132.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D15NE (NE)	11	4	490317 384846
65	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 42.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D15NE (NE)	11	4	490352 384974
66	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 222.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NE (NE)	13	4	489877 384168
67	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 131.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D7SW (S)	14	4	489904 383075
68	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 207.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SE (S)	14	4	489728 383209
69	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 303.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (NE)	16	4	489900 384138
70	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 156.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	D6SW (S)	18	4	489476 383133
71	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 37.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D3SE (SE)	21	4	490384 382648
72	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 221.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6NW (SW)	44	4	489281 383454

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 262.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D3NE (SE)	45	4	490359 382907
74	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 774.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D7SE (SE)	45	4	490480 383335
75	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 54.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NE (NE)	46	4	489879 384205
76	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 342.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D13SW (NW)	86	4	488660 384498
77	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 118.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NE (N)	87	4	489868 384258
78	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 691.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D7NW (E)	91	4	489958 383703
79	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D9SW (W)	94	4	488682 383963
80	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D9SW (W)	101	4	488679 383956
81	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 116.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D9SW (W)	106	4	488677 383952

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NE (N)	107	4	489831 384385
83	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 37.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NE (N)	107	4	489829 384392
84	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D14SE (N)	108	4	489822 384429
85	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 70.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D14SE (N)	108	4	489821 384433
86	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 507.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D14SE (N)	111	4	489806 384502
87	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D7SW (S)	131	4	489927 383073
88	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 853.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	D7NE (E)	131	4	490265 383678
89	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 232.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D7SW (S)	135	4	489931 383074
90	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 5.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D13SW (NW)	138	4	488665 384500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 707.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D12NW (NE)	154	4	490623 384221
92	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 349.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D12SW (E)	154	4	490613 383879
93	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D5NW (W)	155	4	488644 383701
94	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 137.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D9SW (W)	158	4	488652 383794
95	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 94.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SW (S)	162	4	489476 383133
96	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SW (SW)	169	4	489374 383328
97	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 76.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SW (S)	174	4	489547 383161
98	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 200.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SW (SW)	178	4	489376 383319
99	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 113.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SW (SW)	191	4	489353 383237

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 81.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SE (S)	192	4	489622 383192
101	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SW (S)	192	4	489546 383169
102	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D14SW (NW)	194	4	489276 384643
103	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SW (S)	200	4	489543 383174
104	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 265.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D14SW (NW)	202	4	489274 384651
105	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 85.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SE (S)	205	4	489605 383191
106	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D3NE (SE)	209	4	490358 382915
107	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SE (S)	209	4	489626 383193
108	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SE (S)	209	4	489711 383208

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SE (S)	209	4	489724 383209
110	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 176.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SE (S)	209	4	489827 383316
111	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 16.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SE (S)	210	4	489641 383199
112	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 70.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SE (S)	210	4	489707 383208
113	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 65.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D3NE (SE)	212	4	490348 382979
114	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 32.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SE (S)	213	4	489636 383227
115	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 152.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	D6NE (S)	216	4	489592 383519
116	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D9SW (W)	216	4	488652 383832
117	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SW (SW)	220	4	489349 383245



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	D6NE (S)	225	4	489592 383520
119	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 355.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6NE (S)	225	4	489724 383532
120	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 151.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	D6SE (S)	242	4	489584 383362
121	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 295.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6NE (S)	242	4	489645 383516
122	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6SE (S)	242	4	489636 383228

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: West Lindsey District Council - Has no landfill data to supply		0	5	489673 383749
	<b>Local Authority Landfill Coverage</b> Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	489673 383749

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Lias Group	D10SE (W)	0	1	489673 383749
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 20 - 40 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	D10SE (W)	0	1	489673 383749
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	D10SW (W)	0	1	489421 383758
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	D7NW (SE)	0	1	490000 383505
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	D2NW (S)	0	1	489391 382886
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	D15SW (N)	207	1	490000 384602
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	D8SW (E)	216	1	490620 383397

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D6NW (W)	0	1	489413 383679
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D3NW (S)	0	1	490000 382953
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	0	1	490154 385000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D16SE (NE)	0	1	491005 384568
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D15SW (NE)	0	1	490207 384417
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	1	489391 382886
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D11SW (E)	0	1	490000 383749
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D3NW (S)	0	1	490000 382843
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(NE)	0	1	490823 385134
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D15NE (NE)	0	1	490387 385000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D10SE (W)	0	1	489673 383749
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	109	1	490000 385000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D7NW (E)	112	1	490000 383725
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D7NW (E)	118	1	489952 383671
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	1	489391 382886
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D11SW (E)	0	1	490000 383749
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D3NW (S)	0	1	490000 382843
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D10SE (W)	0	1	489673 383749

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(NE)	0	1	490823 385134
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D15NE (NE)	0	1	490387 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	0	1	490154 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D16SE (NE)	0	1	491005 384568
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D15SW (NE)	0	1	490207 384417
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D3NW (S)	0	1	490000 382953
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D6NW (W)	0	1	489413 383679
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	109	1	490000 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D7NW (E)	112	1	490000 383725
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D7NW (E)	118	1	489952 383671
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	0	1	490000 385000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D10SE (W)	0	1	489673 383749
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D11SW (E)	0	1	490000 383749
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D10SE (W)	0	1	489673 383749
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D11SW (E)	0	1	490000 383749
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	0	1	490000 385000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(NE)	0	1	490823 385134
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D15NE (NE)	0	1	490387 385000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D10SE (W)	0	1	489673 383749
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D11SW (E)	0	1	490000 383749
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D10SW (W)	0	1	489421 383758

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	1	489391 382886
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D3NW (S)	0	1	490000 382843
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D6NW (W)	0	1	489413 383679
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D3NW (S)	0	1	490000 382953
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D14SE (N)	0	1	489707 384477
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	0	1	490154 385000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D16SE (NE)	0	1	491005 384568
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D15SW (NE)	0	1	490207 384417
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D11NW (NE)	5	1	490000 384329
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	109	1	490000 385000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D7NW (E)	112	1	490000 383725
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D7NW (E)	118	1	489952 383671
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D15SW (N)	207	1	490000 384602
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D8SW (E)	216	1	490620 383397
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	0	1	490000 385000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D10SE (W)	0	1	489673 383749
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D11SW (E)	0	1	490000 383749
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D16NE (NE)	0	1	490983 385000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D16SE (NE)	0	1	491155 384587
	<b>Radon Potential - Radon Affected Areas</b> 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	D11SW (E)	0	1	490000 383749

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Radon Potential - Radon Affected Areas</b></p> <p>Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	D10SE (W)	0	1	489673 383749
	<p><b>Radon Potential - Radon Affected Areas</b></p> <p>Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	D15NW (N)	0	1	490000 385001
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	D11SW (E)	0	1	490000 383749
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	D10SE (W)	0	1	489673 383749
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	D15NW (N)	0	1	490000 385001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	<p><b>Nitrate Vulnerable Zones</b></p> <p>Name: Lower Witham Nvz</p> <p>Description: Surface Water</p> <p>Source: Environment Agency, Head Office</p>	D10SE (W)	0	3	489673 383749



Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	June 2020 September 2017	Annually Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Anglian Region	July 2021	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Anglian Region	March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - Anglian Region	January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Anglian Region	July 2021	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> West Lindsey District Council - Environmental Health Department	November 2014	Variable
<b>Local Authority Pollution Prevention and Controls</b> West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> West Lindsey District Council - Environmental Health Department	November 2014	Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	August 2021	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Anglian Region	September 1999	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Anglian Region	July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Anglian Region	March 2013	
<b>Registered Radioactive Substances</b> Environment Agency - Anglian Region	June 2016	Annually
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Water Abstractions</b> Environment Agency - Anglian Region	July 2021	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region	October 2017	Quarterly
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Source Protection Zones</b> Environment Agency - Head Office	May 2021	Bi-Annually
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2021	Quarterly

Agency & Hydrological	Version	Update Cycle
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	July 2021	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	February 2016	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	May 2021	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Anglian Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Local Authority Landfill Coverage</b> Lincolnshire County Council West Lindsey District Council - Environmental Health Department	February 2003 February 2003	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Lincolnshire County Council West Lindsey District Council - Environmental Health Department	October 2018 October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Anglian Region - Northern Area	April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Anglian Region - Northern Area	June 2015	

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2010 February 2016	Variable Variable
<b>Planning Hazardous Substance Consents</b> Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2007 February 2016	Variable Variable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

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

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	February 2021	Bi-Annually
<b>Areas of Adopted Green Belt</b> West Lindsey District Council	October 2020	Quarterly
<b>Areas of Unadopted Green Belt</b> West Lindsey District Council	October 2020	Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	January 2021	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	February 2021	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Nature Reserves</b> Natural England	January 2021	Bi-Annually
<b>National Parks</b> Natural England	February 2018	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2016	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
<b>Ramsar Sites</b> Natural England	August 2020	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	February 2021	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	July 2020	Bi-Annually
<b>Special Protection Areas</b> Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>West Lindsey District Council - Environmental Health Department</b> The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	<b>Lincolnshire County Council</b> 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

## Historical Land Use Information (1:10,000)

### General

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

### Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

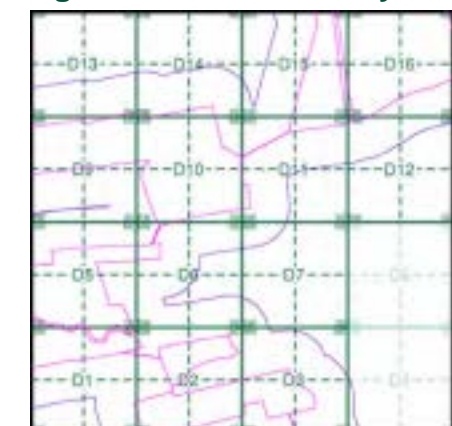
### Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

### Mining Data

- Potential Mining Area
- BGS Recorded Mineral Site

### Mining and Ground Stability - Slice D

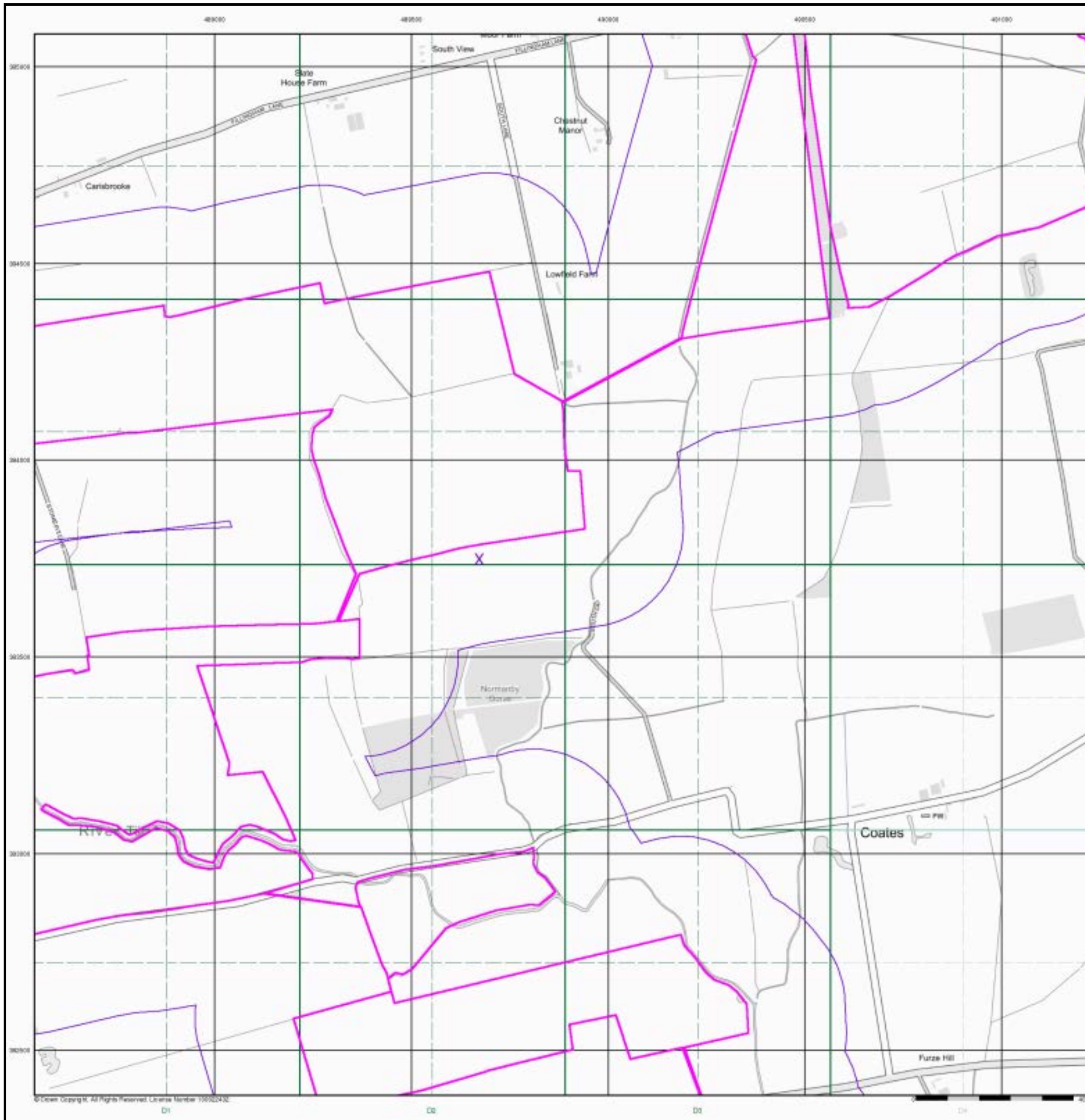


### Order Details

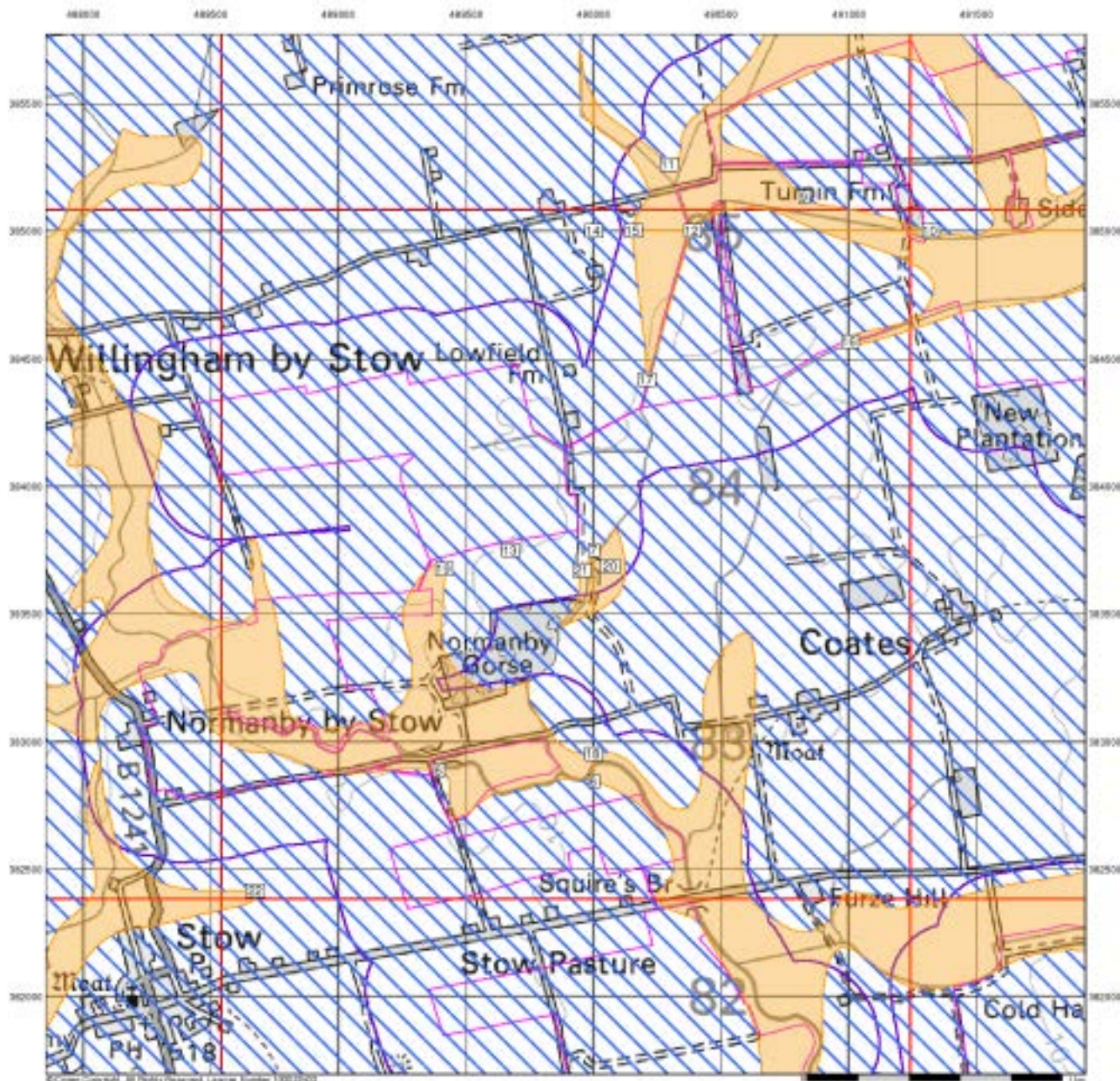
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1







## Ground Stability Data (1:50,000)

### General

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

### Potential for Compressible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

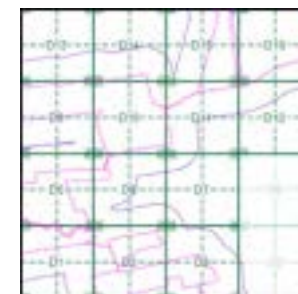
### Potential for Collapsible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Brine Pumping and Salt Mining

- |                               | Point | Polygon |
|-------------------------------|-------|---------|
| Brine Pumping Related Feature |       |         |
| Salt Mining Related Feature   |       |         |

### Mining and Ground Stability - Slice D



### Order Details

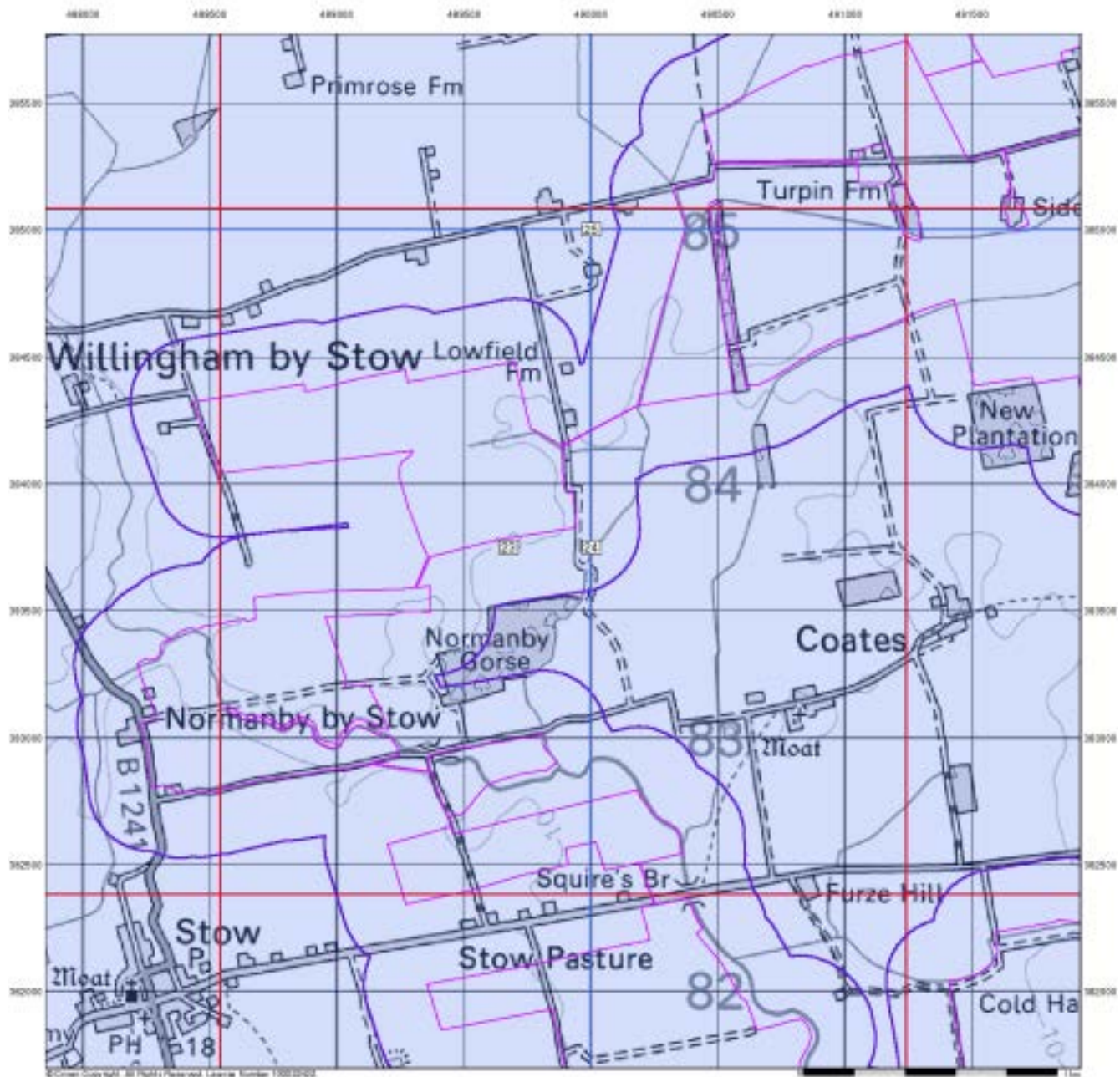
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Ground Stability Data (1:50,000)

### General

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

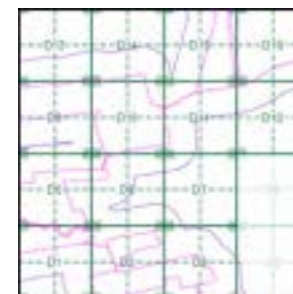
### Potential for Landslide Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Potential for Ground Dissolution Stability Hazards

- High
- Low
- Moderate
- Very Low

### Mining and Ground Stability - Slice D



### Order Details

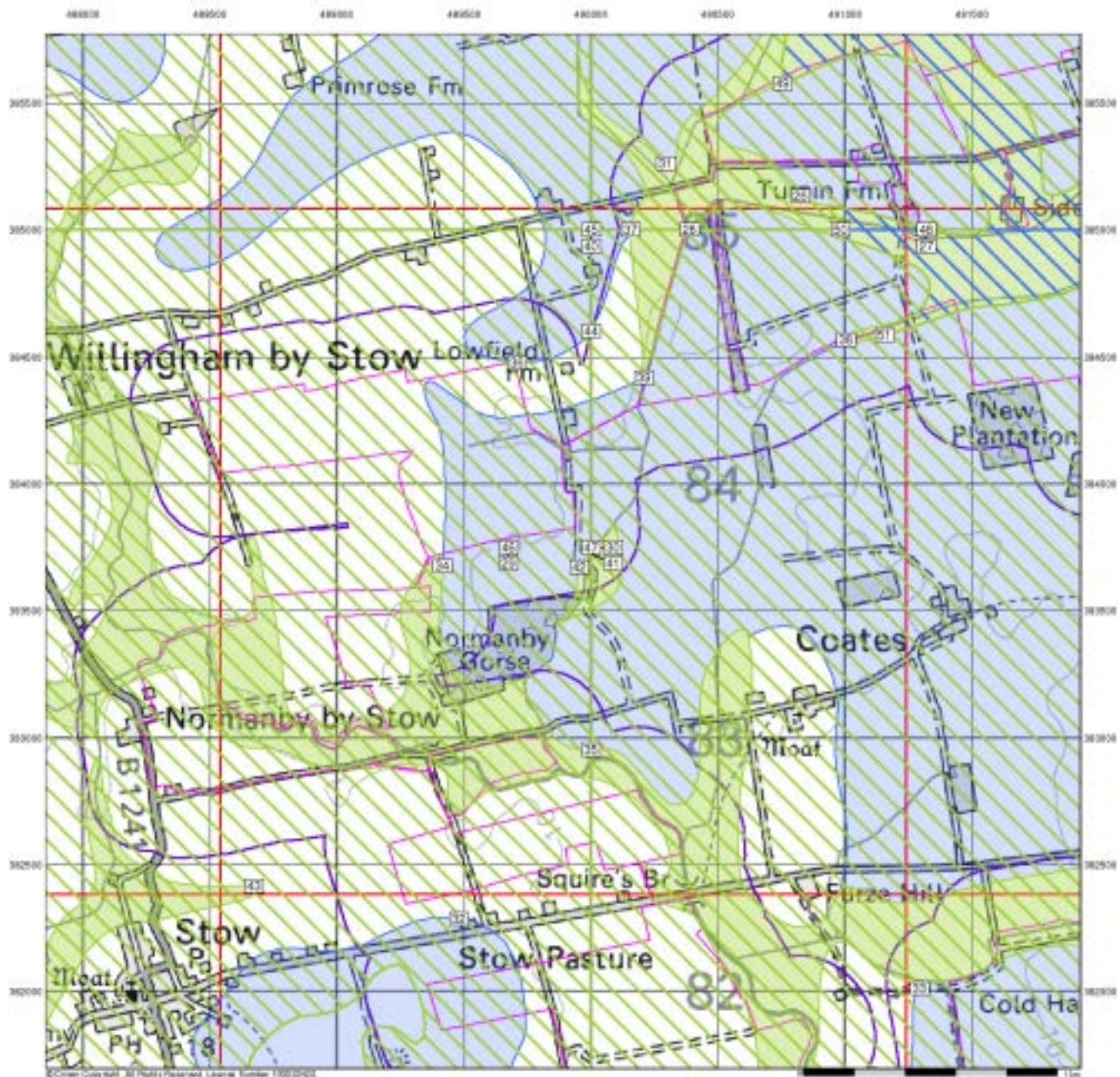
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Ground Stability Data (1:50,000)

### General

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

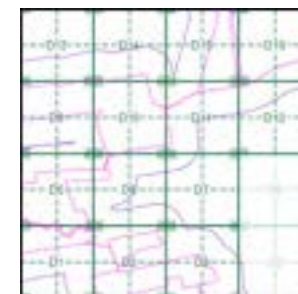
### Potential for Running Sand Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Mining and Ground Stability - Slice D



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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

## Envirocheck<sup>®</sup> Report:

### Mining and Ground Stability Datasheet

#### Order Details:

**Order Number:**

287330989\_1\_1

**Customer Reference:**

21-1088.02

**National Grid Reference:**

489670, 383750

**Slice:**

D

**Site Area (Ha):**

884.45

**Search Buffer (m):**

250

#### Site Details:

Cottam 1

#### Client Details:

Mr A Howells  
Delta Simons  
3 Henley Office Park  
Doddington Road  
Lincoln  
LN6 3QR

Report Section and Details	Page Number
<b>Summary</b>	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>	
<b>Mining and Natural Cavities Data</b>	-
<p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>	
<b>Historical Land Use Information (1:2,500)</b>	<b>1</b>
<p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p>	
<b>Historical Land Use Information (1:10,000)</b>	-
<p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>	
<b>Ground Stability Data (1:50,000)</b>	<b>2</b>
<p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>	
<b>Historical Map List</b>	<b>6</b>
<p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>	
<b>Data Currency</b>	<b>8</b>
<b>Data Suppliers</b>	<b>9</b>
<b>Useful Contacts</b>	<b>10</b>

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

### Report Version v53.0

Data Type	Page Number	On Site	0 to 250m
<b>Mining and Natural Cavities Data</b>			
BGS Recorded Mineral Sites			
Coal Mining Affected Areas			n/a
Man Made Mining Cavities			
Mining Instability			n/a
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential Mining Areas			
<b>Historical Land Use Information (1:2,500)</b>			
Extractive Industries or Potential Excavations from 1855-1909 (100m)			
Extractive Industries or Potential Excavations from 1893-1915 (100m)			
Extractive Industries or Potential Excavations from 1906-1937 (100m)			
Extractive Industries or Potential Excavations from 1924-1949 (100m)			
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 1	1	4
Subterranean Features (100m)			
<b>Historical Land Use Information (1:10,000)</b>			
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining & quarrying general			
Mining of coal & lignite			
Quarrying of sand & clay, operation of sand & gravel pits			
Former Marshes			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
<b>Ground Stability Data (1:50,000)</b>			
CBSCB Compensation District			n/a
Brine Pumping Related Features			
Brine Subsidence Solution Area			
Potential for Collapsible Ground Stability Hazards	pg 2	Yes	Yes
Potential for Compressible Ground Stability Hazards	pg 2	Yes	Yes
Potential for Ground Dissolution Stability Hazards	pg 3	Yes	
Potential for Landslide Ground Stability Hazards	pg 3	Yes	
Potential for Running Sand Ground Stability Hazards	pg 4	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 5	Yes	Yes
Salt Mining Related Features			



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	D3SE (SE)	0	-	490328 382638
2	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1975 Date: Last Map Published N/A Date:	D9SW (W)	4	-	488745 384061
3	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	D12NW (NE)	25	-	490592 384369
4	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	D16SE (NE)	77	-	491073 384421
5	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1975 Date: Last Map Published N/A Date:	D3SW (S)	91	-	489907 382408



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>CBSCB Compensation District</b> The site does not fall within the brine compensation area.				
	<b>Brine Subsidence Solution Area</b> The site does not fall within the brine subsidence solution area.				
6	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	1	489391 382886
7	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D11SW (E)	0	1	490000 383749
8	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D3NW (S)	0	1	490000 382843
9	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(NE)	0	1	490823 385134
10	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(NE)	0	1	491320 385000
11	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(N)	0	1	490295 385261
12	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D15NE (NE)	0	1	490387 385000
13	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D10SE (W)	0	1	489673 383749
14	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	109	1	490000 385000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D6NW (W)	0	1	489413 383679
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D3NW (S)	0	1	490000 382953
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	0	1	490154 385000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D16SE (NE)	0	1	491005 384568
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D15SW (NE)	0	1	490207 384417
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D7NW (E)	112	1	490000 383725
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D7NW (E)	118	1	489952 383671
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1SW (SW)	186	1	488672 382415
15	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	0	1	490154 385000
16	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D16SE (NE)	0	1	491005 384568

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D15SW (NE)	0	1	490207 384417
18	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D3NW (S)	0	1	490000 382953
19	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D6NW (W)	0	1	489413 383679
20	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D7NW (E)	112	1	490000 383725
21	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D7NW (E)	118	1	489952 383671
22	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D1SW (SW)	186	1	488672 382415
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	1	489391 382886
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D11SW (E)	0	1	490000 383749
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D3NW (S)	0	1	490000 382843
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D10SE (W)	0	1	489673 383749
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(NE)	0	1	490823 385134
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(NE)	0	1	491320 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(N)	0	1	490295 385261
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D15NE (NE)	0	1	490387 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	109	1	490000 385000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	0	1	490000 385000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D10SE (W)	0	1	489673 383749
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D11SW (E)	0	1	490000 383749
23	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D10SE (W)	0	1	489673 383749
24	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D11SW (E)	0	1	490000 383749
25	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	0	1	490000 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(NE)	0	1	490823 385134
27	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(NE)	0	1	491320 385000
28	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D15NE (NE)	0	1	490387 385000
29	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D10SE (W)	0	1	489673 383749
30	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D11SW (E)	0	1	490000 383749
31	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(N)	0	1	490295 385261
32	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	489480 382287
33	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	491292 382014
34	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D6NW (W)	0	1	489413 383679
35	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D3NW (S)	0	1	490000 382953
36	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D14SE (N)	0	1	489707 384477
37	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	0	1	490154 385000
38	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D16SE (NE)	0	1	491005 384568
39	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D15SW (NE)	0	1	490207 384417
40	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	109	1	490000 385000
41	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D7NW (E)	112	1	490000 383725
42	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D7NW (E)	118	1	489952 383671
43	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D1SW (SW)	186	1	488672 382415
44	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D15SW (N)	207	1	490000 384602
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D10SW (W)	0	1	489421 383758
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	1	489391 382886

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D3NW (S)	0	1	490000 382843
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	490953 382184
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D11NW (NE)	5	1	490000 384329
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D8SW (E)	216	1	490620 383397
45	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D15NW (N)	0	1	490000 385000
46	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D10SE (W)	0	1	489673 383749
47	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D11SW (E)	0	1	490000 383749
48	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(NE)	0	1	491320 385000
49	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(NE)	0	1	490753 385576
50	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D16NE (NE)	0	1	490983 385000
51	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D16SE (NE)	0	1	491155 384587
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	44	1	489245 382110

The following mapping has been analysed for Historical Land Use Information (1:2,500):

1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	SK8885	1972
Ordnance Survey Plan	SK8985	1972
Ordnance Survey Plan	SK8985	1972
Ordnance Survey Plan	SK8985	1972
Ordnance Survey Plan	SK9082	1974
Ordnance Survey Plan	SK9083	1974
Ordnance Survey Plan	SK9083	1974
Ordnance Survey Plan	SK9083	1974
Ordnance Survey Plan	SK9083	1974
Ordnance Survey Plan	SK9084	1974
Ordnance Survey Plan	SK9084	1974
Ordnance Survey Plan	SK9084	1974
Ordnance Survey Plan	SK9084	1974
Ordnance Survey Plan	SK9084	1974
Ordnance Survey Plan	SK9085	1974
Ordnance Survey Plan	SK9085	1974
Ordnance Survey Plan	SK9183	1974
Ordnance Survey Plan	SK9184	1974
Ordnance Survey Plan	SK9184	1974
Ordnance Survey Plan	SK9185	1974
Ordnance Survey Plan	SK8882	1975
Ordnance Survey Plan	SK8883	1975
Ordnance Survey Plan	SK8883	1975
Ordnance Survey Plan	SK8883	1975
Ordnance Survey Plan	SK8884	1975
Ordnance Survey Plan	SK8884	1975
Ordnance Survey Plan	SK8982	1975
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Ordnance Survey Plan	SK8983	1975
Ordnance Survey Plan	SK8983	1975
Ordnance Survey Plan	SK8984	1975








<b>1:2,500</b>	<b>Mapsheet</b>	<b>Published Date</b>
Ordnance Survey Plan	SK8984	1975
Ordnance Survey Plan	SK8984	1975
Ordnance Survey Plan	SK8984	1975
Ordnance Survey Plan	SK8984	1975
Ordnance Survey Plan	SK8984	1975

The following mapping has been analysed for Historical Land Use Information (1:10,000):

<b>1:10,560</b>	<b>Mapsheet</b>	<b>Published Date</b>
Lincolnshire	051_SE	1890
Lincolnshire	051_NE	1891
Lincolnshire	051_NE	1907
Lincolnshire	051_SE	1907
Lincolnshire	051_NE	1947
Lincolnshire	051_SE	1947
Ordnance Survey Plan	SK88NE	1956
Ordnance Survey Plan	SK88SE	1956
Ordnance Survey Plan	SK98NW	1956
Ordnance Survey Plan	SK98SW	1956
<b>1:10,000</b>	<b>Mapsheet</b>	<b>Published Date</b>
Ordnance Survey Plan	SK98NW	1979
Ordnance Survey Plan	SK98SW	1979
Ordnance Survey Plan	SK88NE	1980
Ordnance Survey Plan	SK88SE	1981

<b>Mining and Cavities Data</b>	<b>Version</b>	<b>Update Cycle</b>
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Man Made Mining Cavities</b> Stantec UK Ltd	May 2021	Bi-Annually
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Natural Cavities</b> Stantec UK Ltd	May 2021	Bi-Annually
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Historical Land Use Information (1:2,500)</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Subterranean Features</b> Landmark Information Group Limited	February 2020	Bi-Annually
<b>Ground Stability Data (1:50,000)</b>	<b>Version</b>	<b>Update Cycle</b>
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Brine Subsidence Solution Area</b> Johnson Poole & Bloomer	December 2020	Annual Rolling Update

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	


















Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a> Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: <a href="mailto:customerservices@landmarkinfo.co.uk">customerservices@landmarkinfo.co.uk</a> Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a>


#### General

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

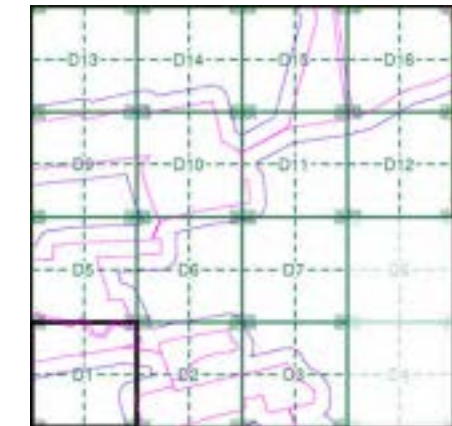
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1980			

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features			

#### Mining and Ground Stability - Segment D1

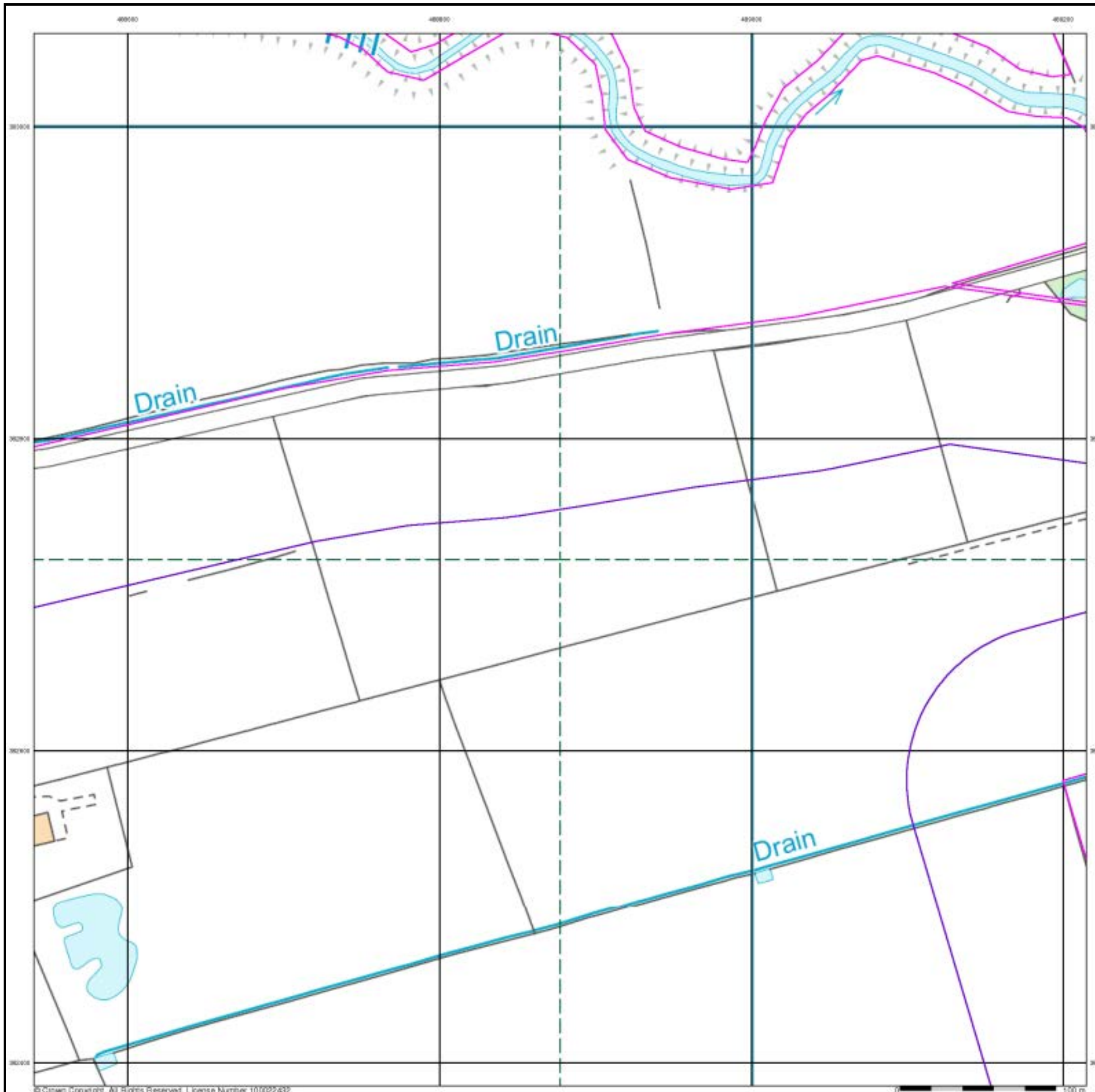


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

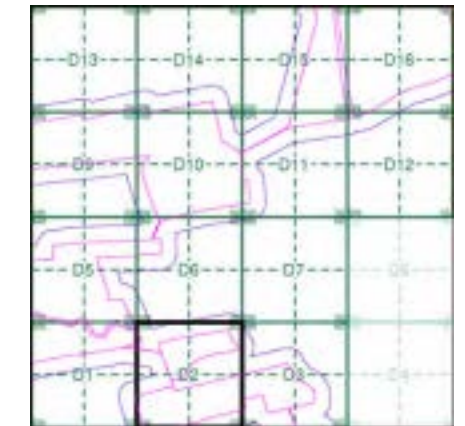
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

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Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment D2

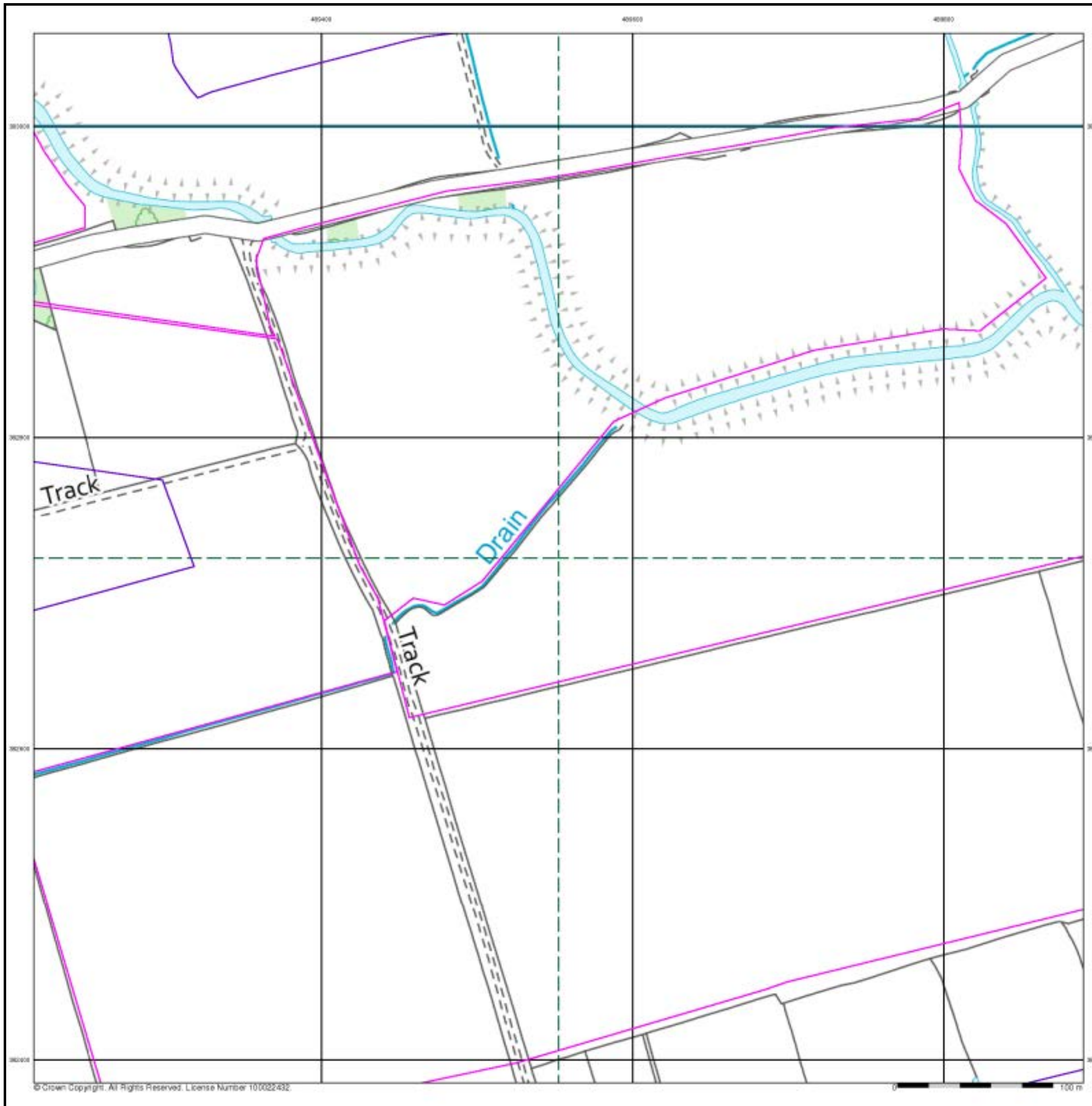


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

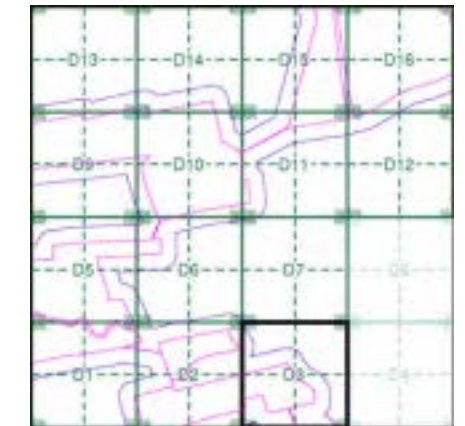
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features			

#### Mining and Ground Stability - Segment D3



#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



**General**

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

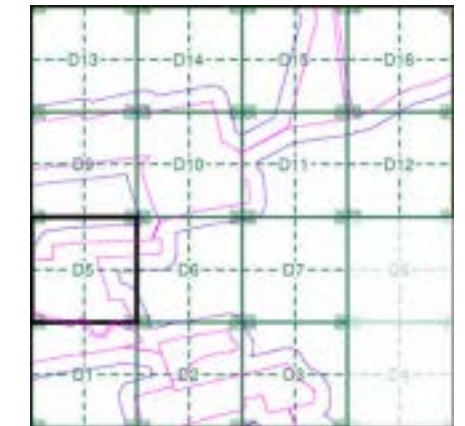
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment D5**

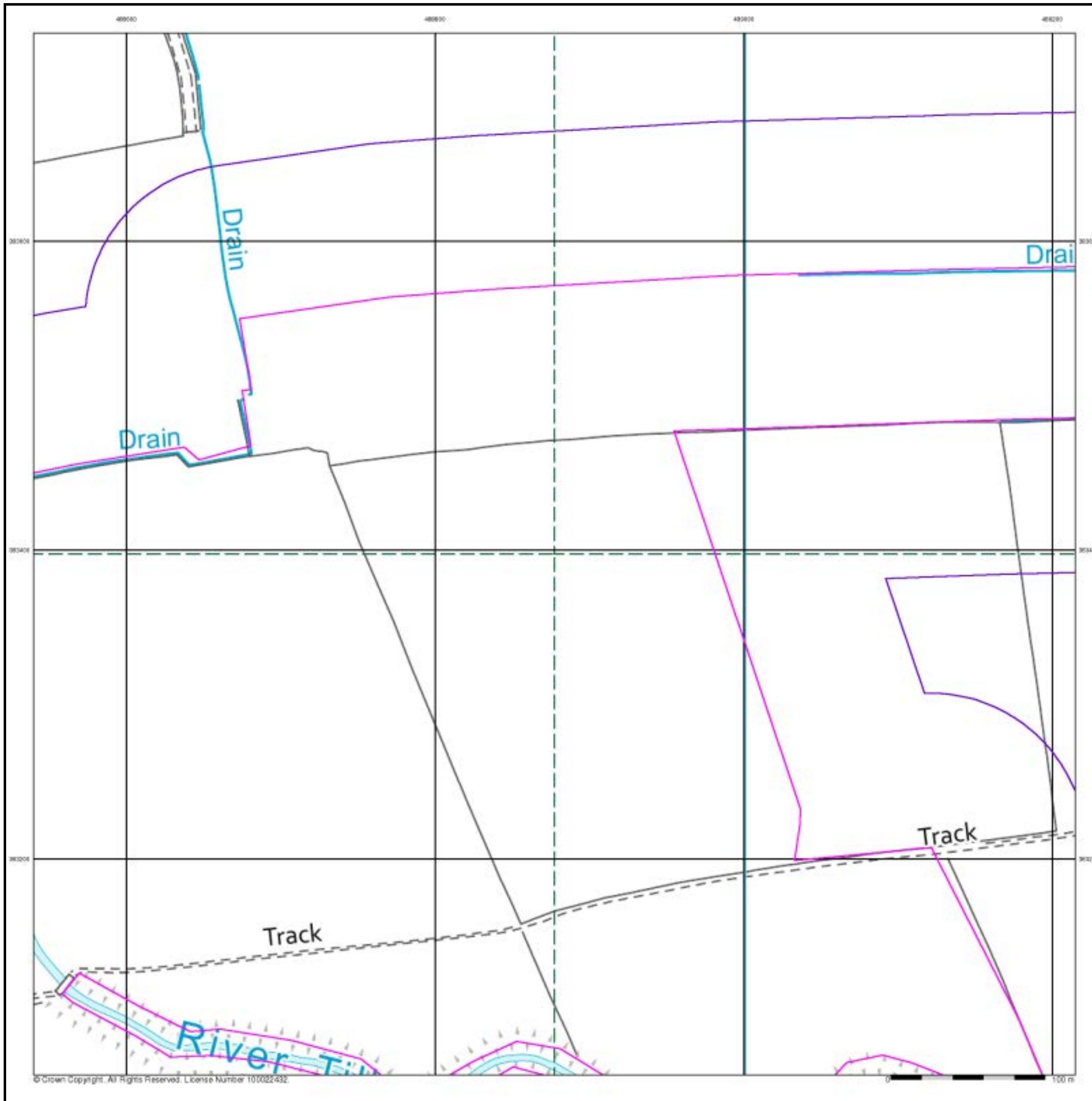


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1



**General**

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

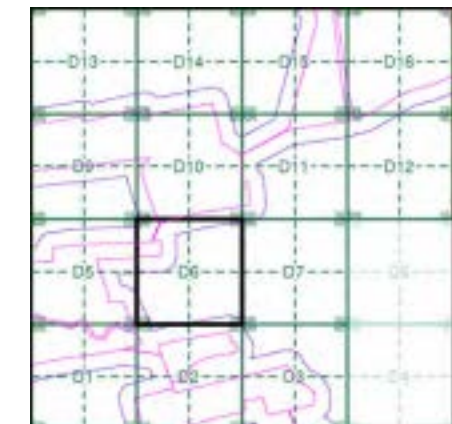
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▧
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▩
Extractive Industries Activity from 1950 - 1980	▲	—	▪

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment D6**

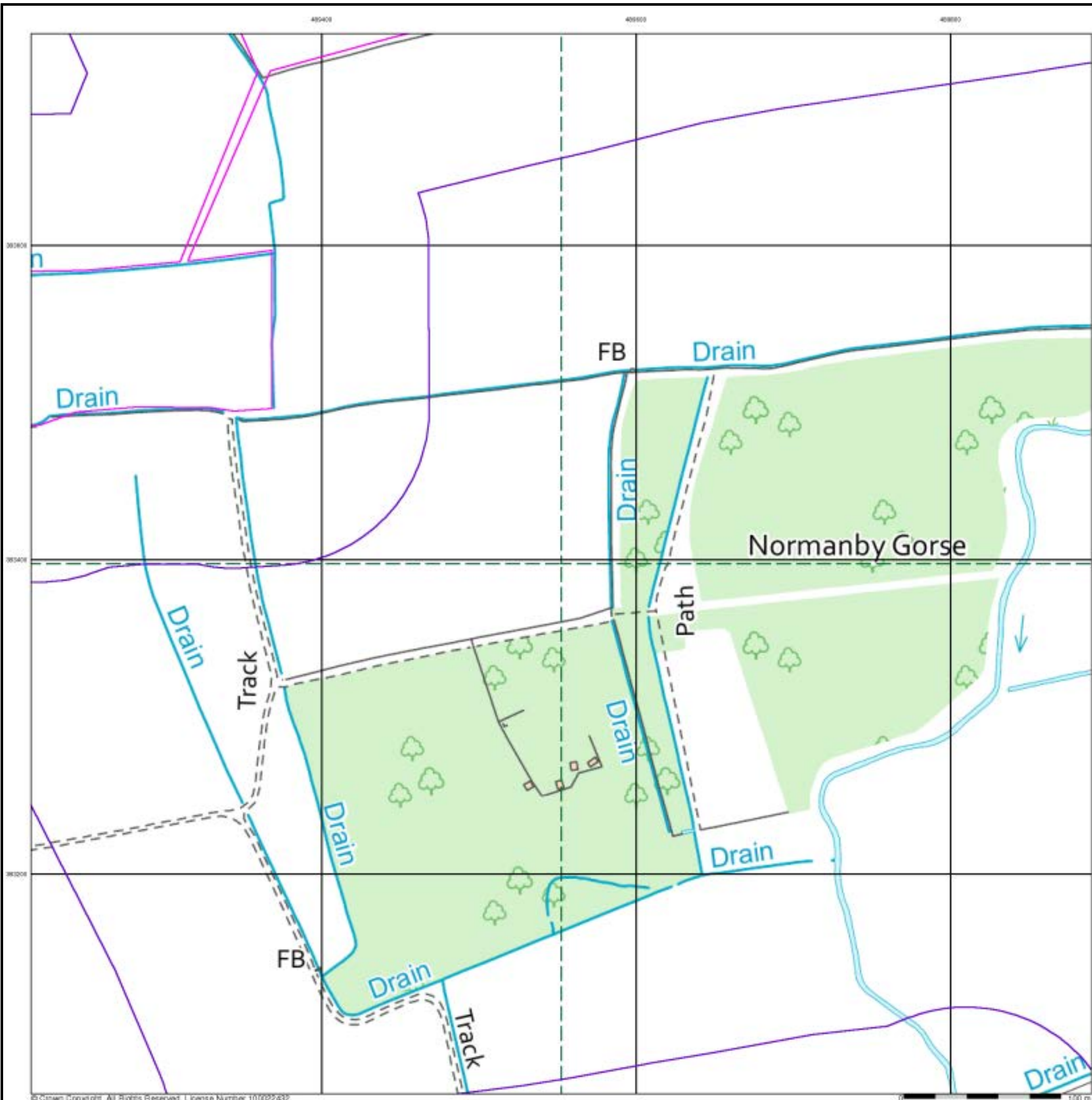


**Order Details**






Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**
















Cottam 1



**General**

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

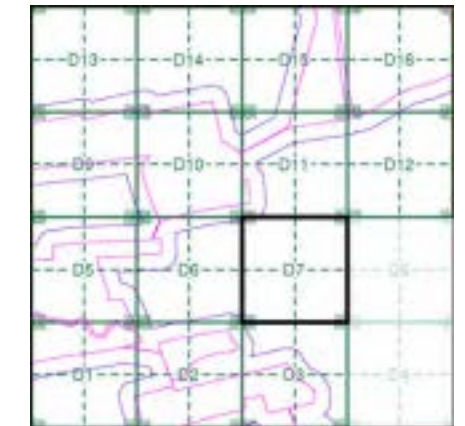
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features			

**Mining and Ground Stability - Segment D7**

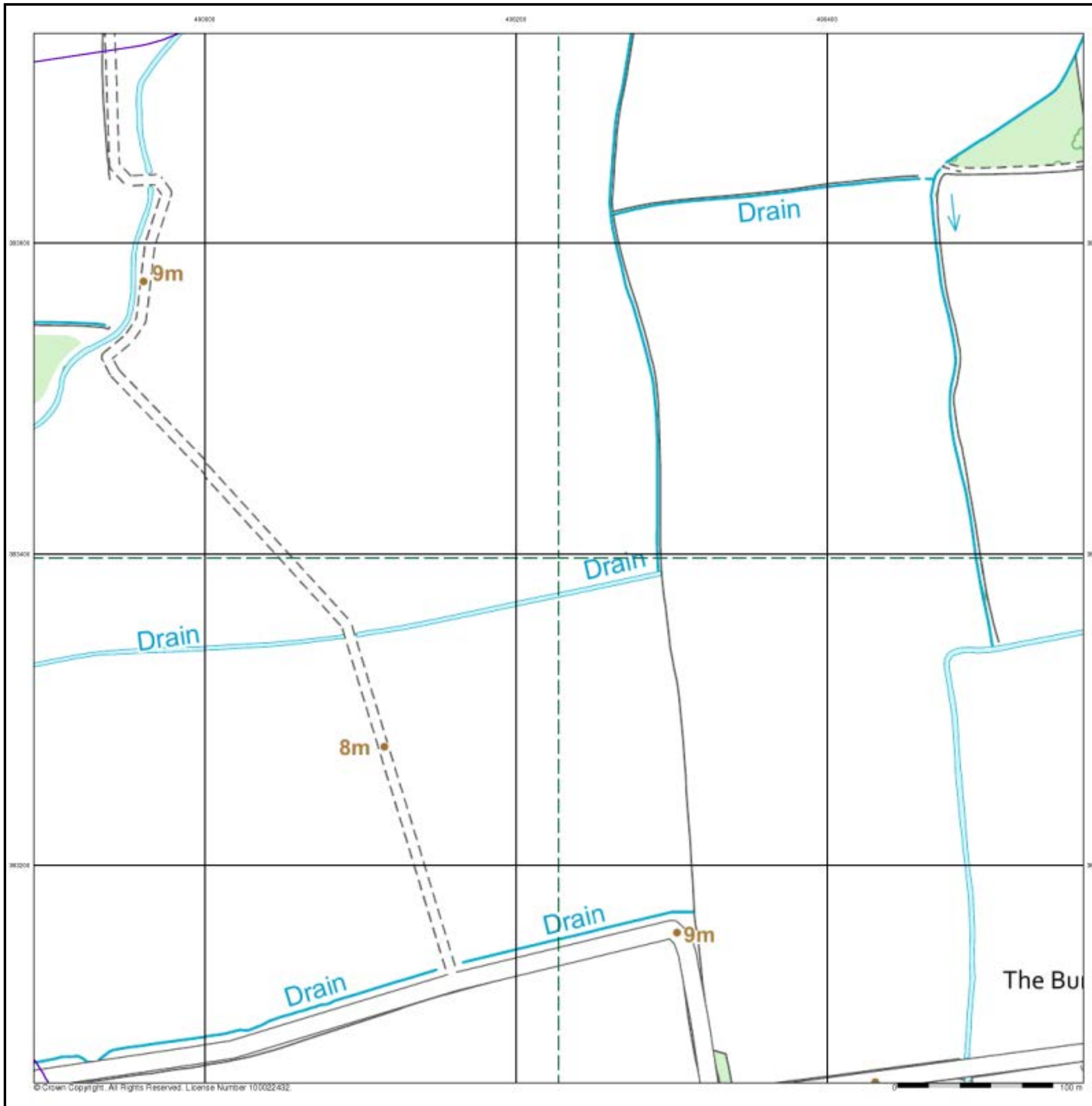


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1



#### General

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

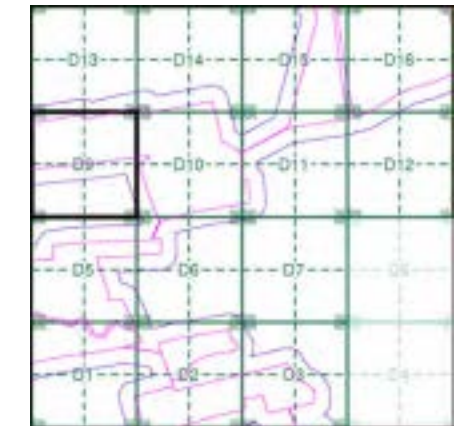
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment D9

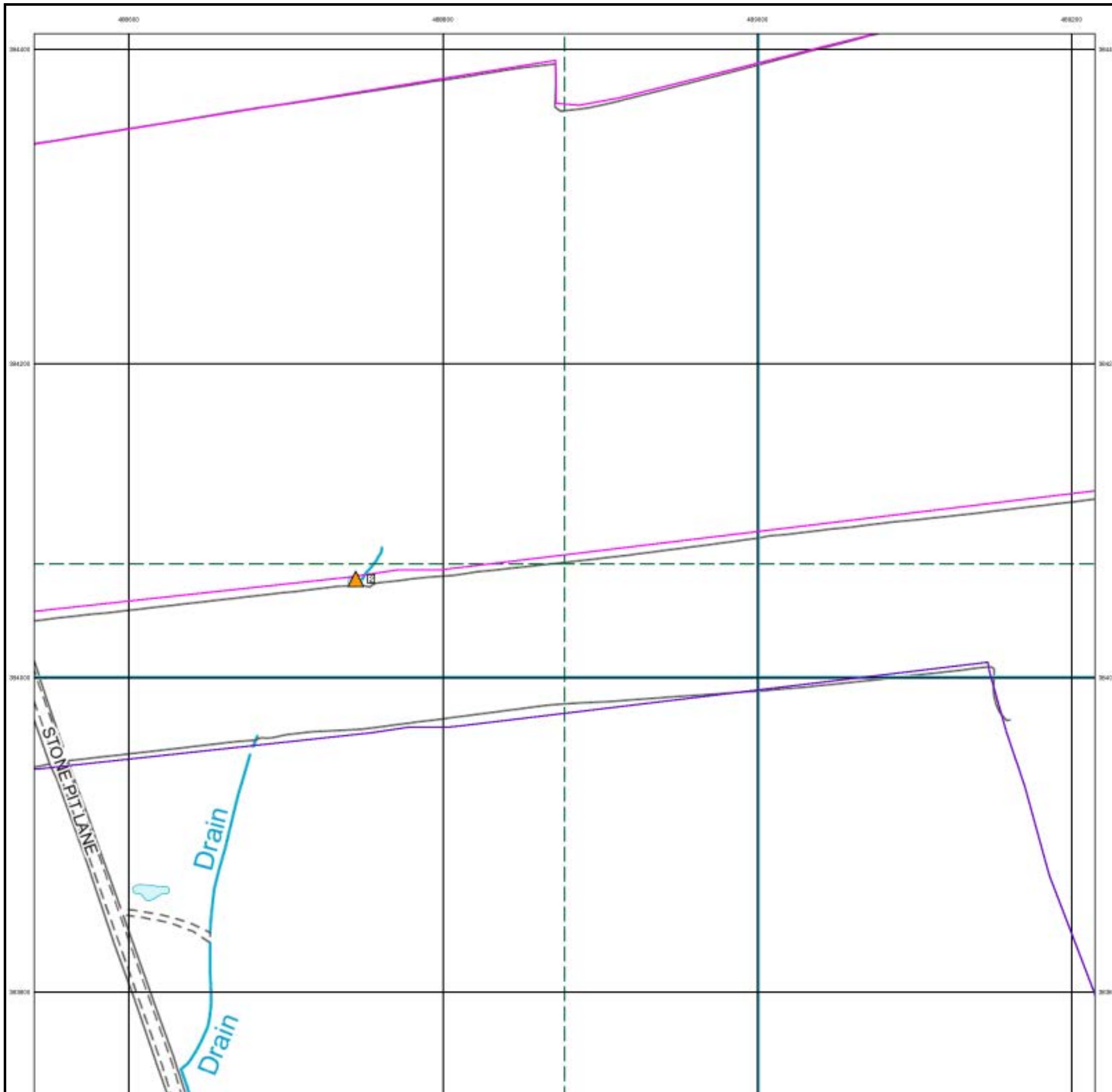


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1





### Historical Land Use Information (1:2,500)

#### General

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

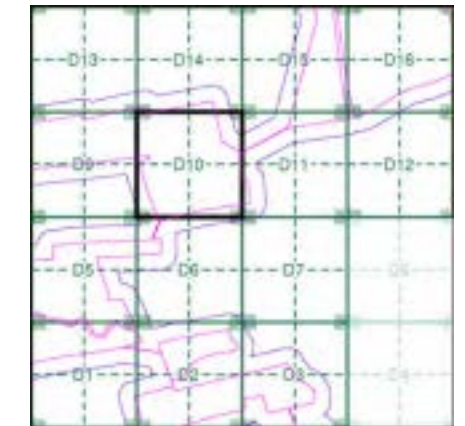
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▧
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▩
Extractive Industries Activity from 1950 - 1960	▲	—	▪

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment D10

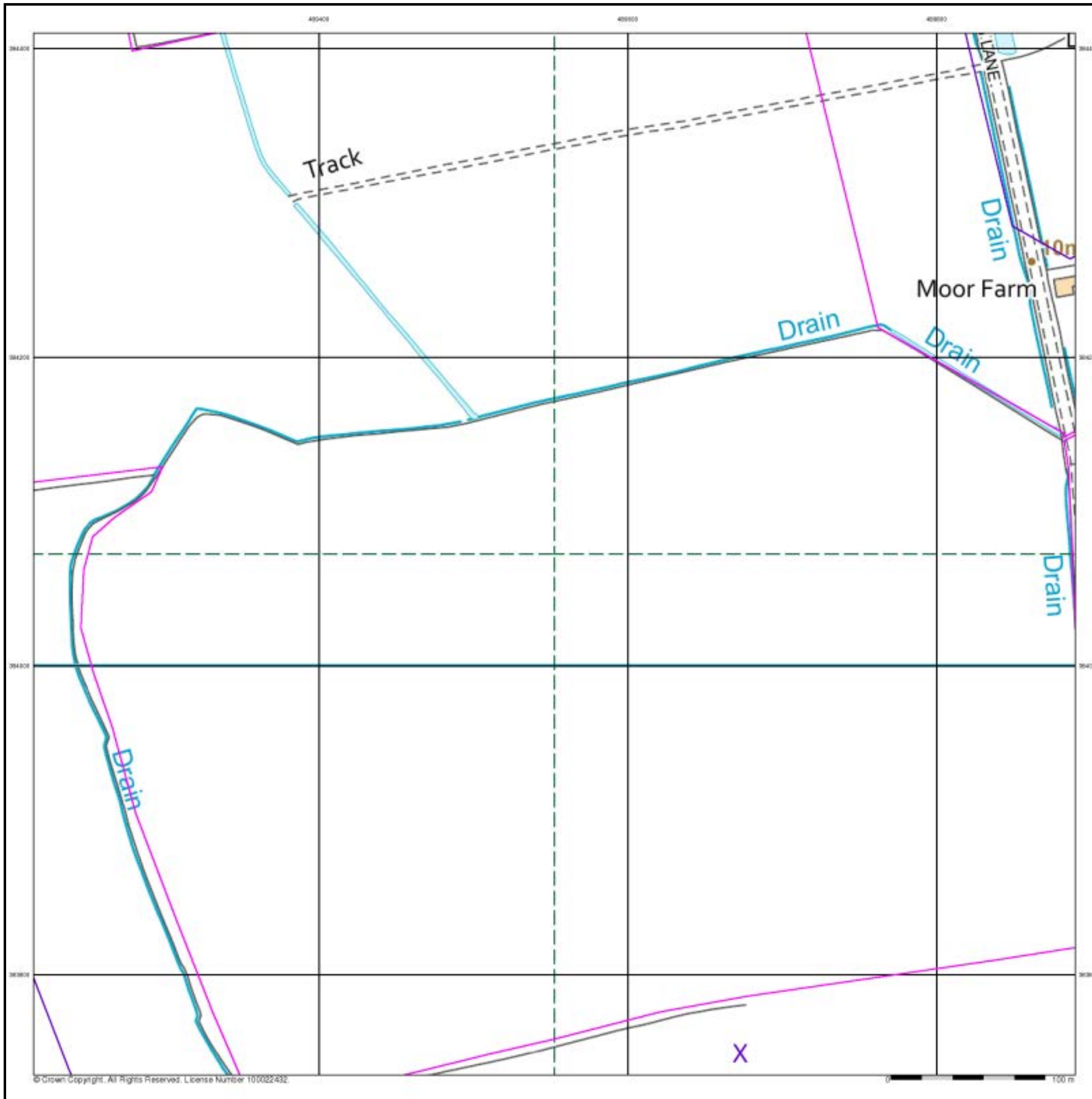


#### Order Details






Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details
















Cottam 1




**General**

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

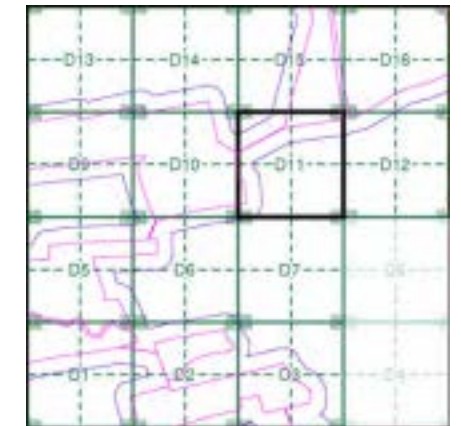
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features			

**Mining and Ground Stability - Segment D11**

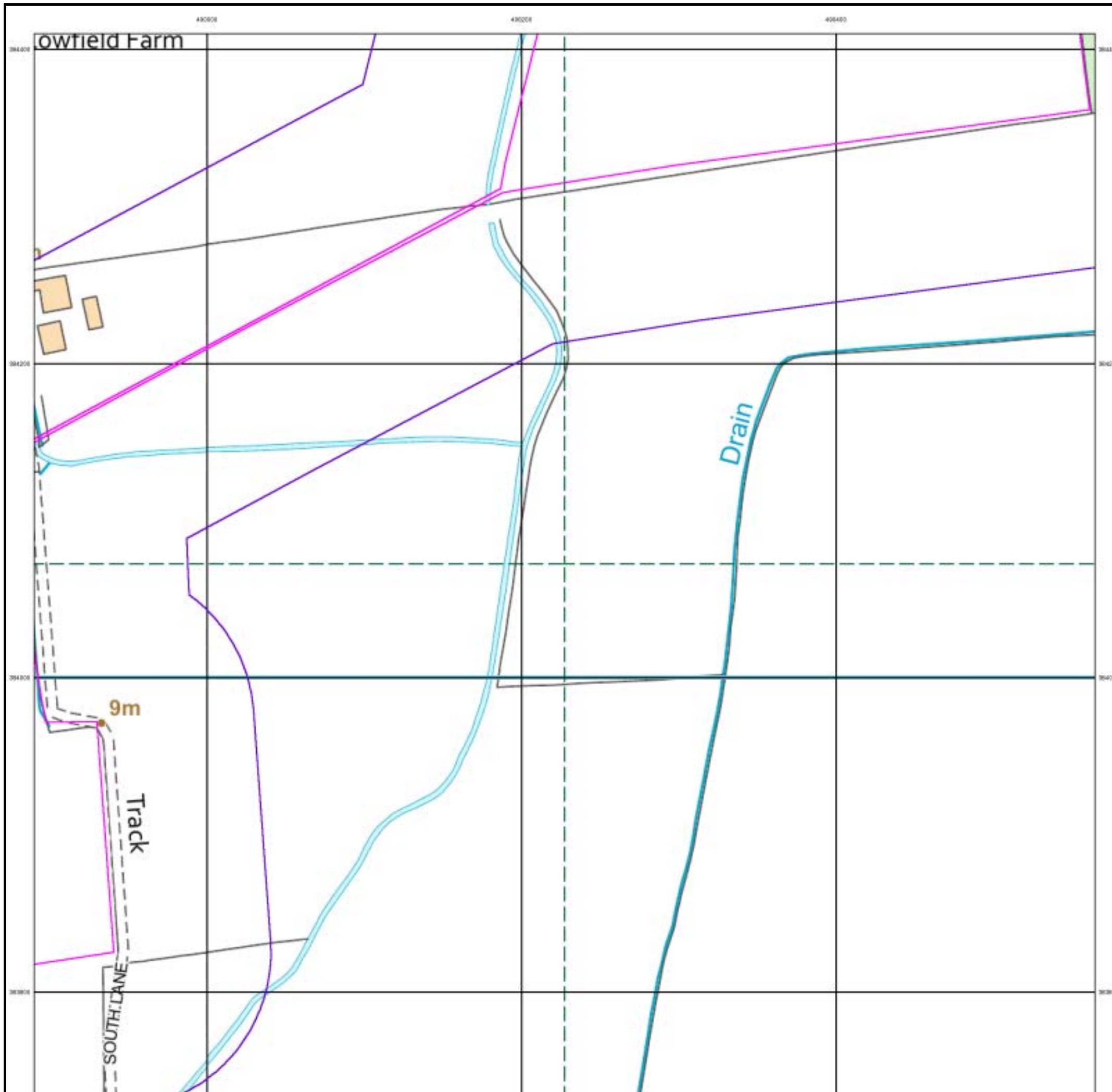


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1



**General**

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

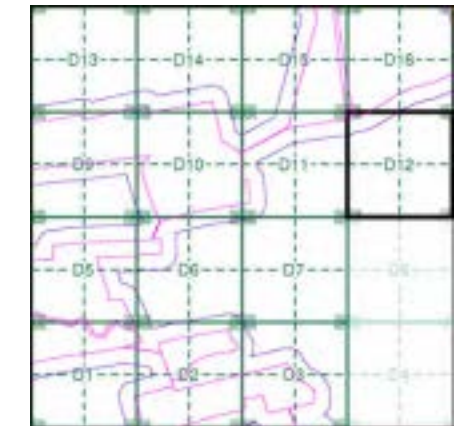
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▧
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▩
Extractive Industries Activity from 1950 - 1960	▲	—	▪

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment D12**

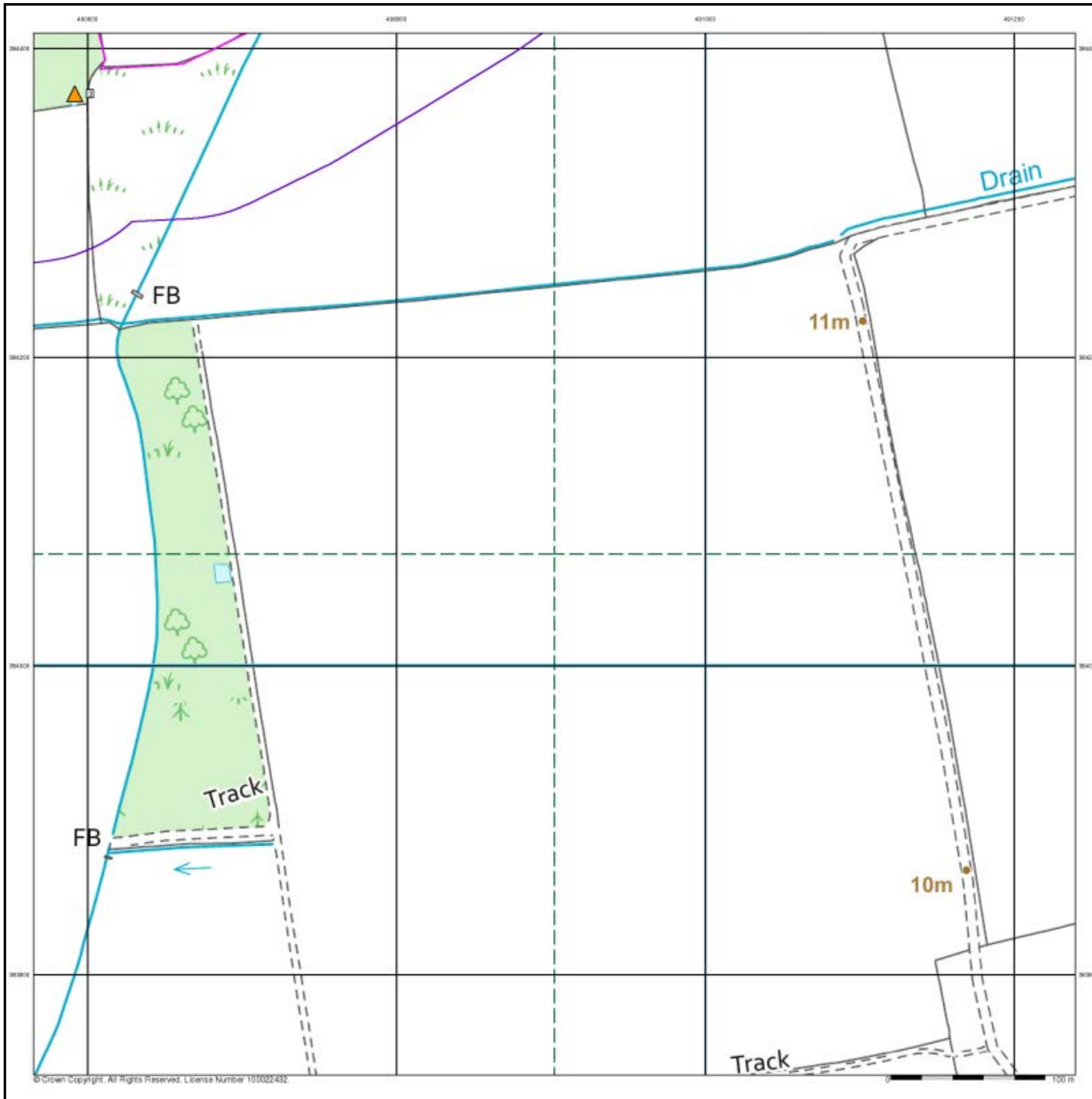


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**
















Cottam 1



**General**

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

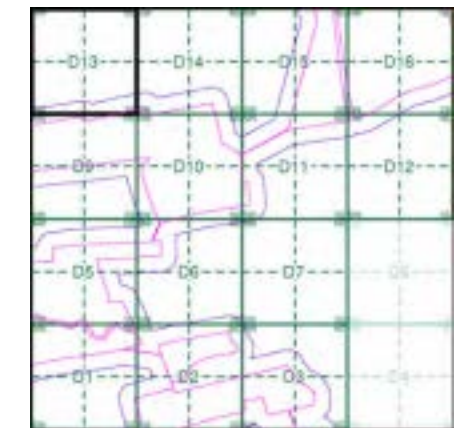
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features			

**Mining and Ground Stability - Segment D13**

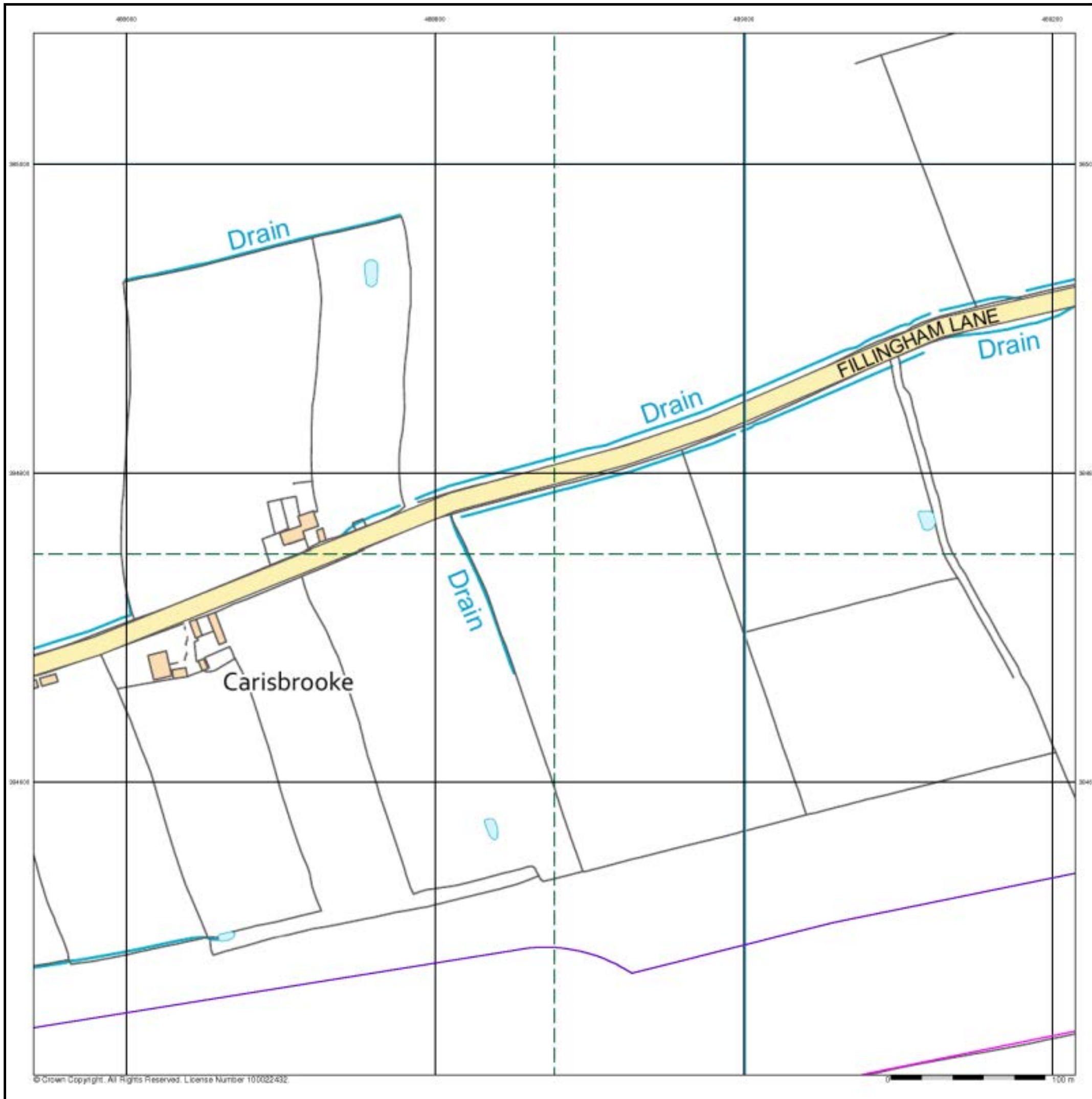


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1



**General**

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

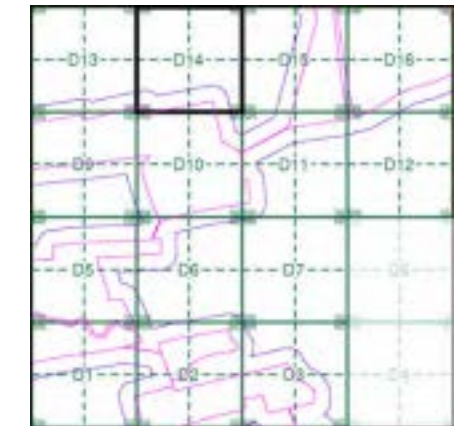
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment D14**

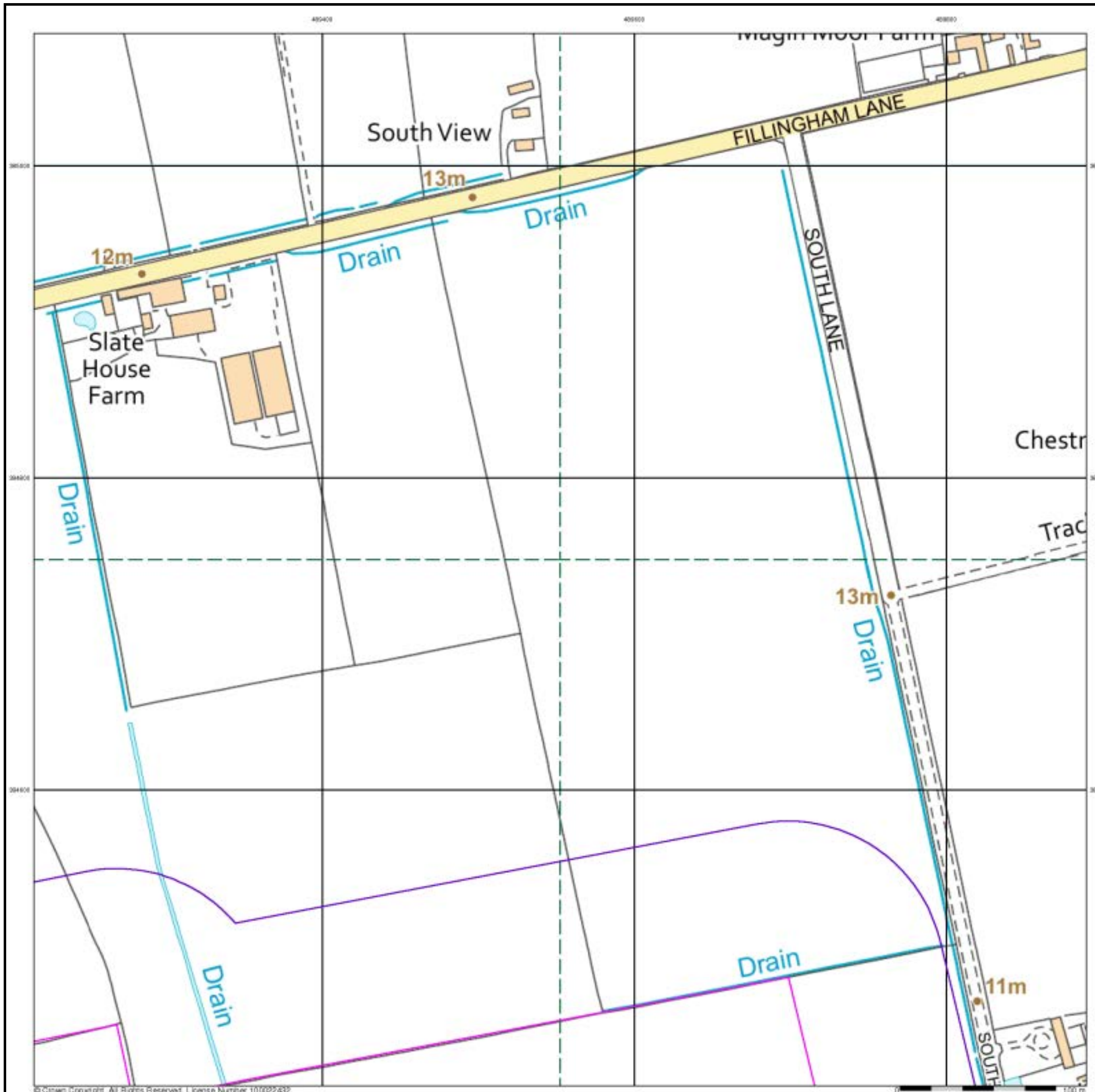


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**
















Cottam 1



#### General

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

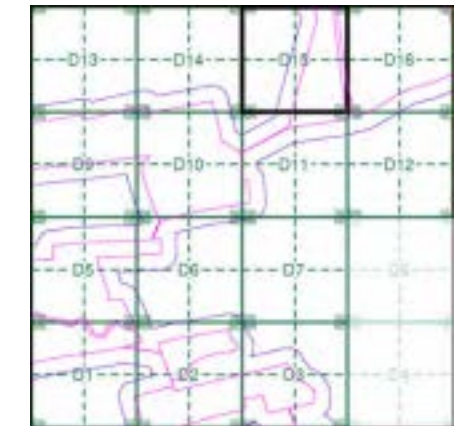
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features			

#### Mining and Ground Stability - Segment D15

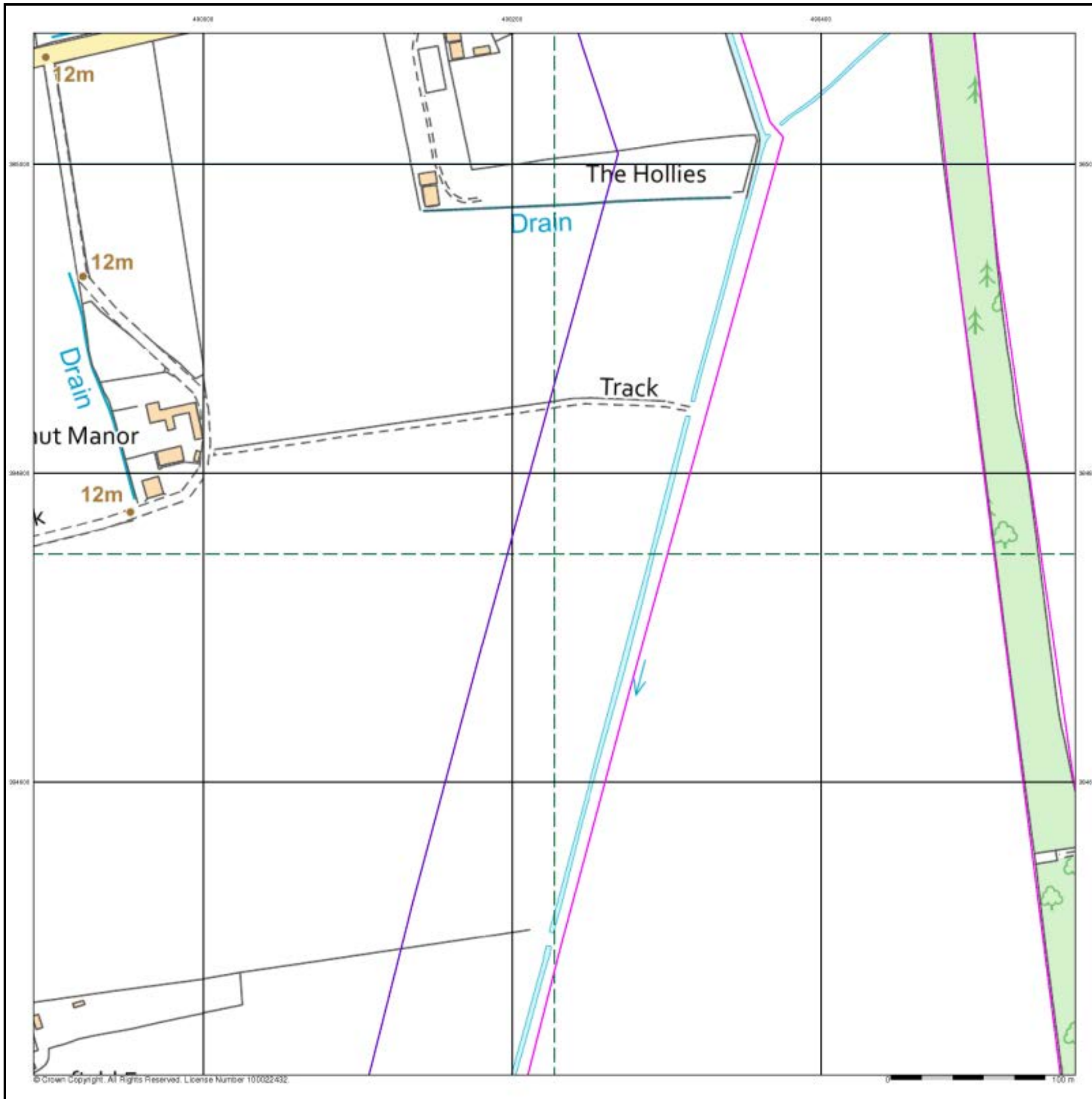


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

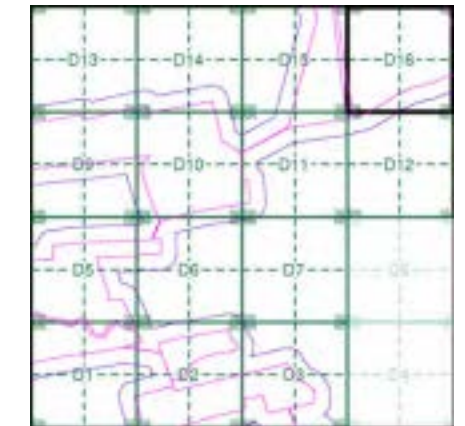
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment D16

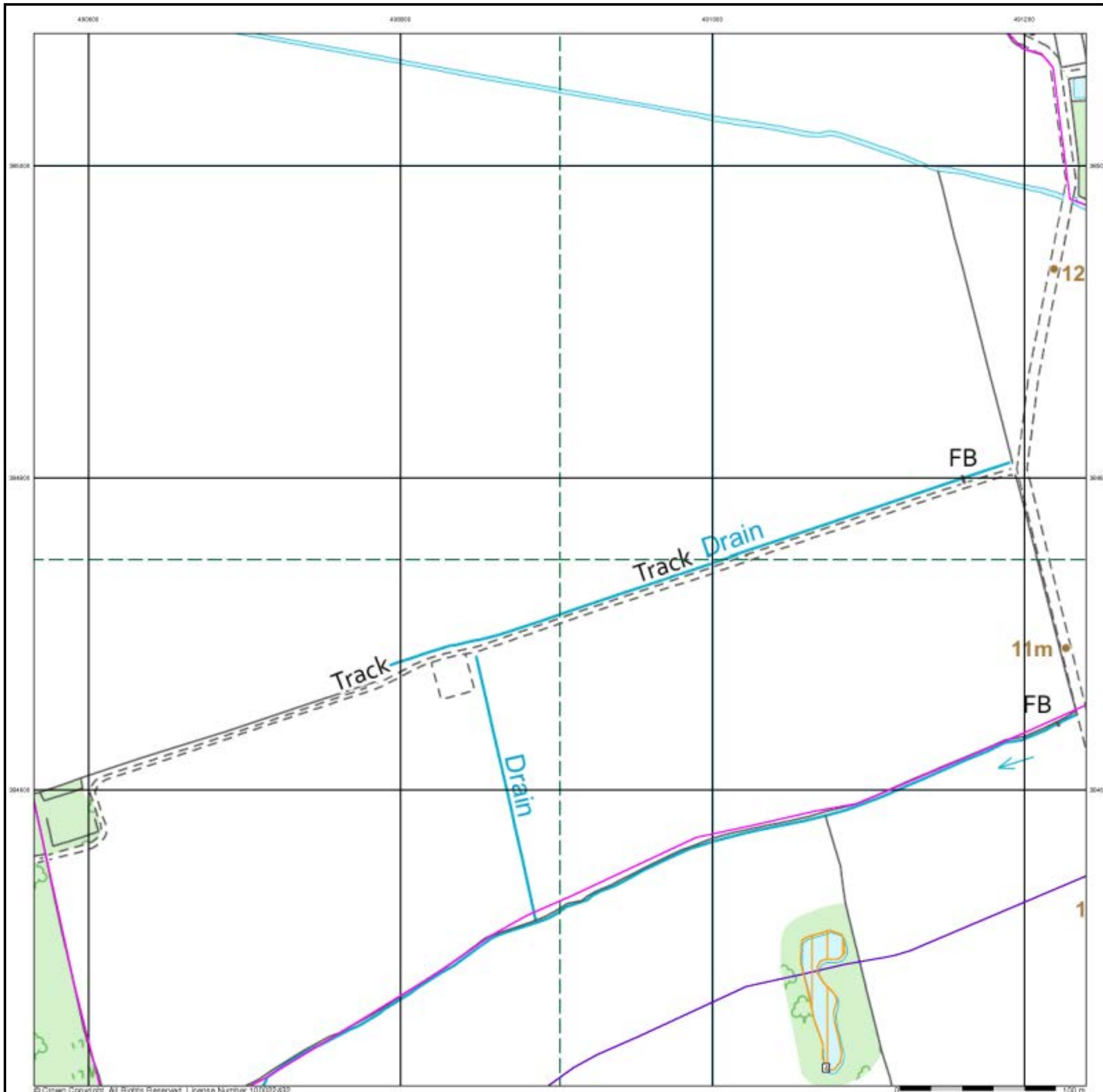


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100





#### Site Details

Cottam 1





# Geology 1:50,000 Maps Legends

## Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Not Supplied - Quaternary

## Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHAM	Charmouth Mudstone Formation	Mudstone	Not Supplied - Sinemurian
	SMD	Scunthorpe Mudstone Formation	Mudstone and Limestone, Interbedded	Not Supplied - Rhaetian



## 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:	102
Map Name:	Market Rasen
Map Date:	1999
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Not Available
Faults:	Not Supplied
Landslip:	Not Available
Rock Segments:	Not Supplied

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



## Order Details:

Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	489670, 383750
Slice:	D
Site Area (Ha):	884.45
Search Buffer (m):	250

## Site Details:

Cottam 1



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





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### Artificial Ground and Landslip

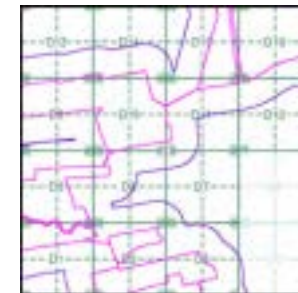
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



### Order Details:

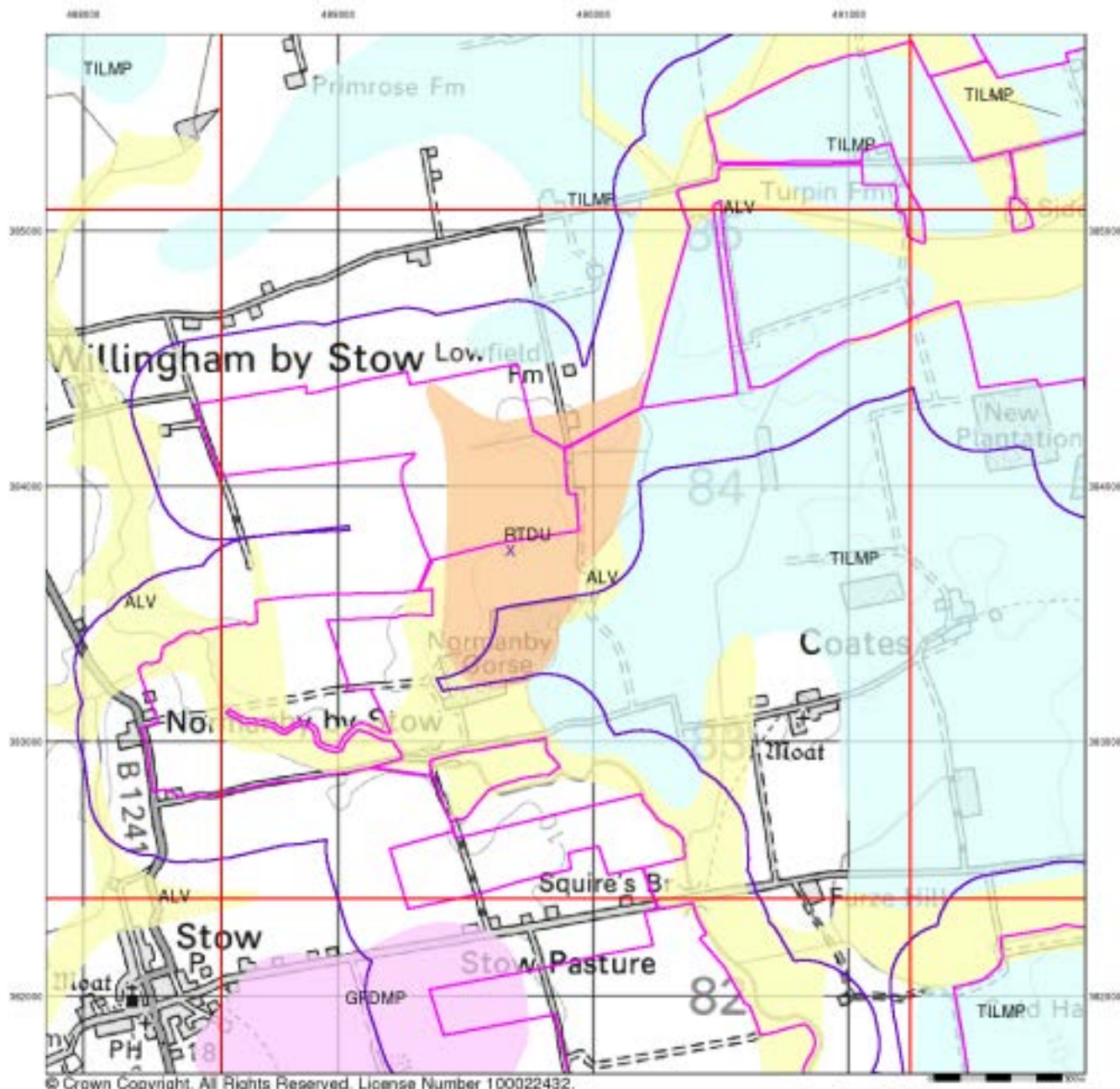
Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	489670, 383750
Slice:	D
Site Area (Ha):	884.45
Search Buffer (m):	250

### Site Details:

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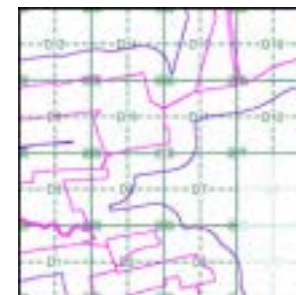
### Superficial Geology

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

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

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

### Superficial Geology Map - Slice D



#### Order Details:

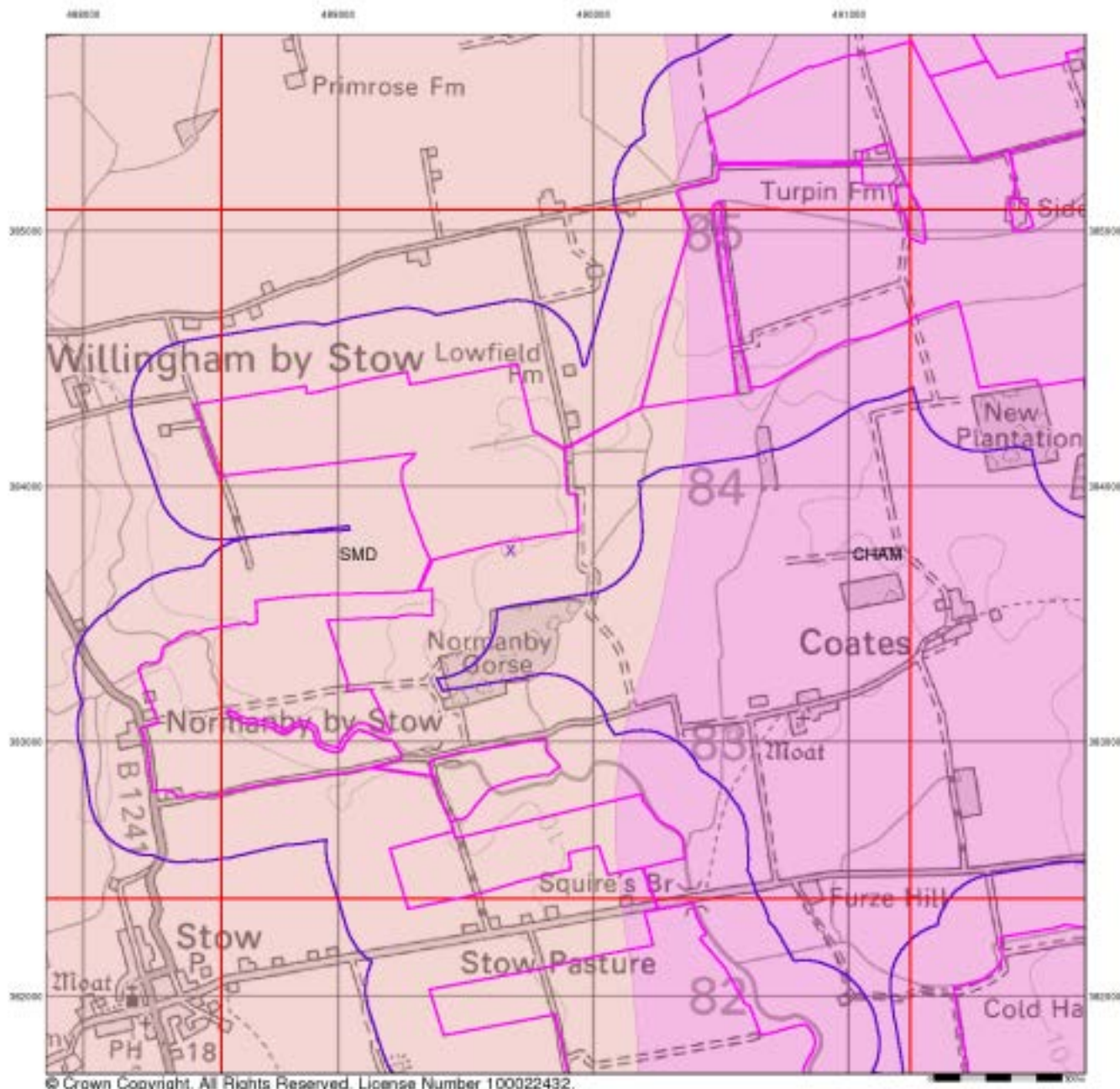
Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	489670, 383750
Slice:	D
Site Area (Ha):	884.45
Search Buffer (m):	250

#### Site Details:

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### Bedrock and Faults

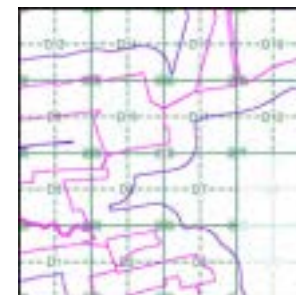
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

### Bedrock and Faults Map - Slice D



### Order Details:

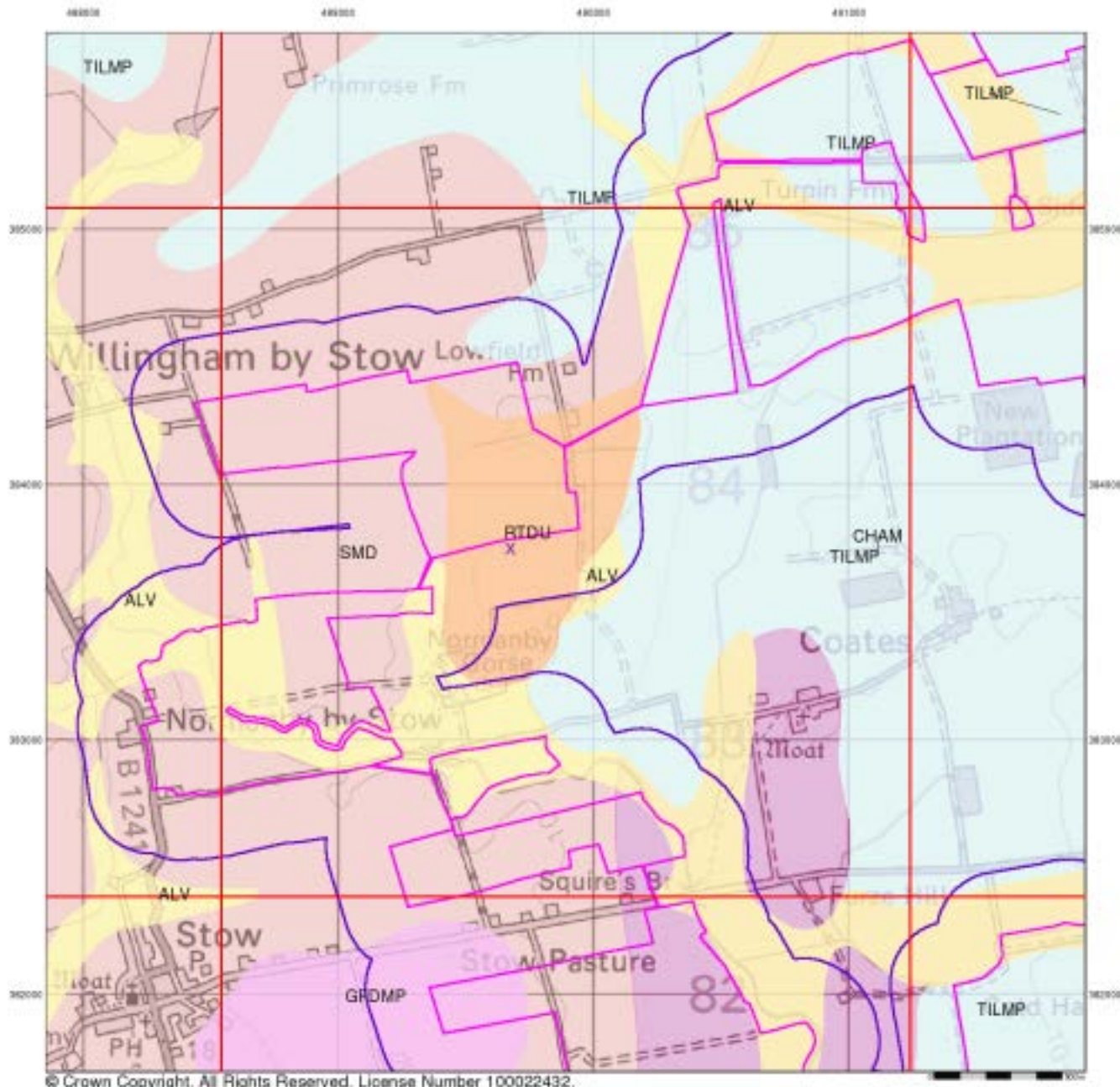
Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	489670, 383750
Slice:	D
Site Area (Ha):	884.45
Search Buffer (m):	250

### Site Details:

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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 D



### Order Details:

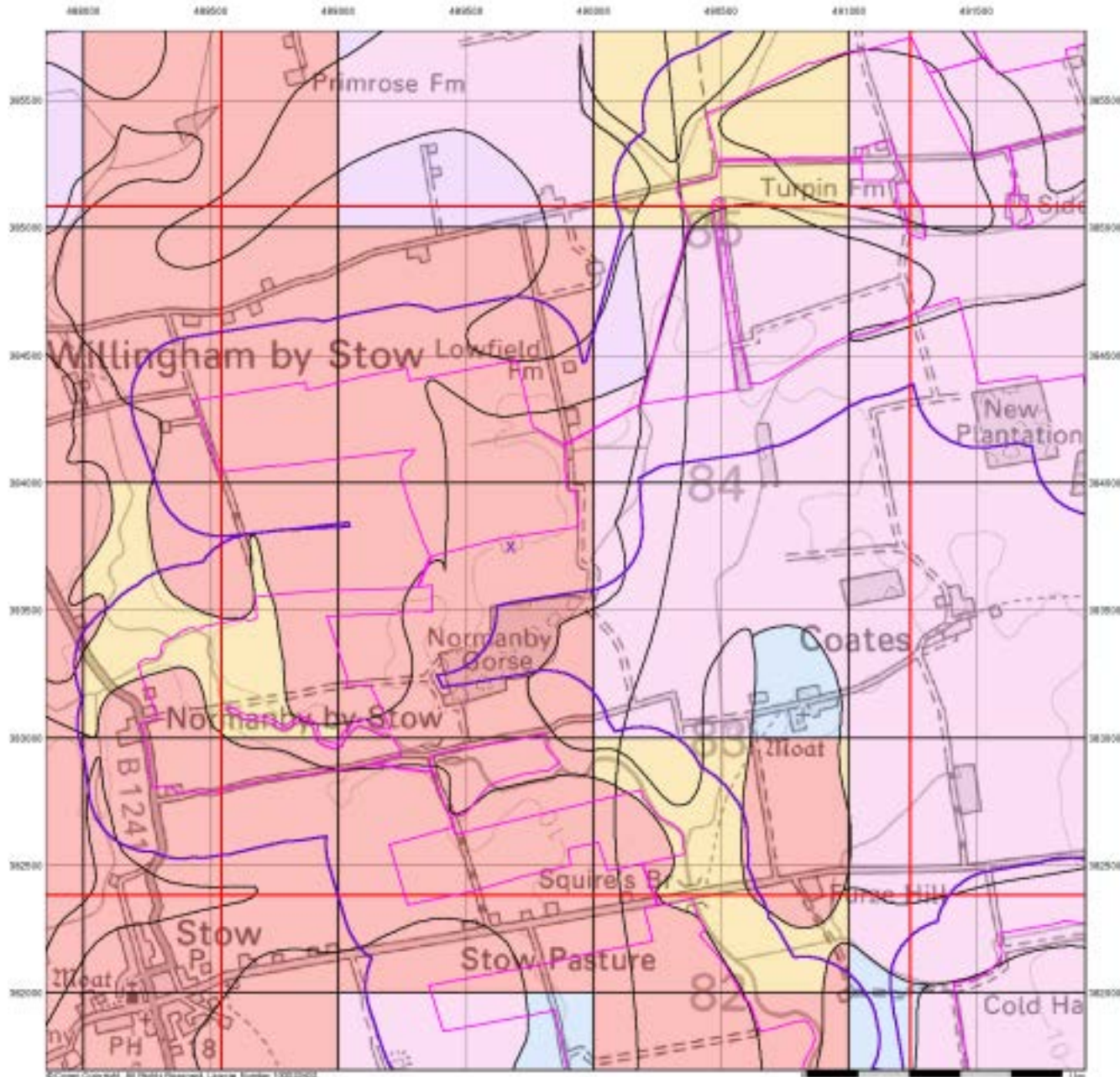
Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	489670, 383750
Slice:	D
Site Area (Ha):	884.45
Search Buffer (m):	250

### Site Details:

Cottam 1



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## Groundwater Vulnerability

### General

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

### Agency and Hydrological

#### Bedrock Aquifers

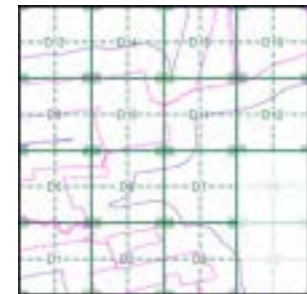
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

#### Superficial Aquifers

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

- Unproductive Aquifer
- Soluble Rock

### Site Sensitivity Context Map - Slice D



### Order Details

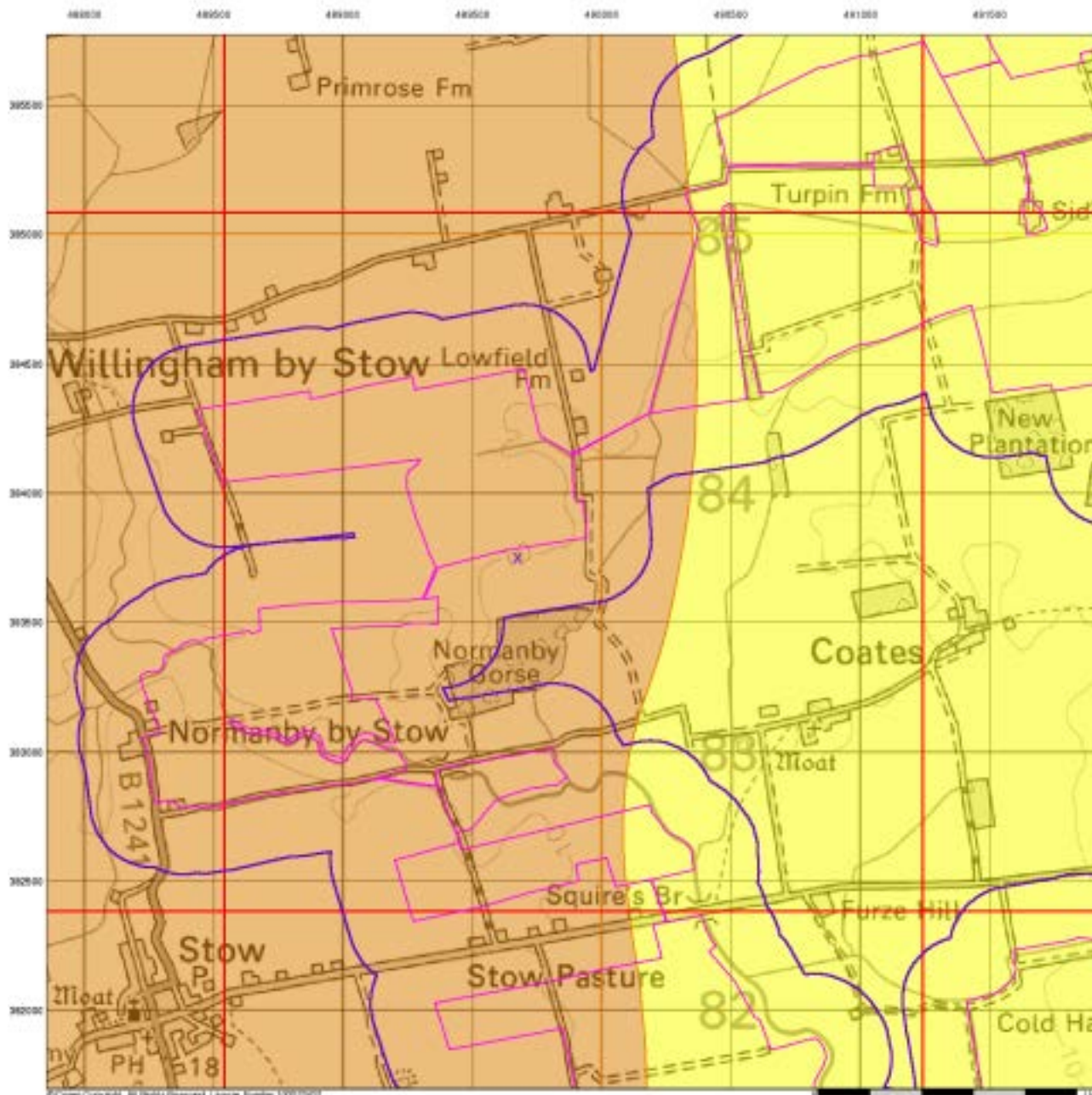
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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 Web: www.envirocheck.co.uk



## Bedrock Aquifer Designation

### General

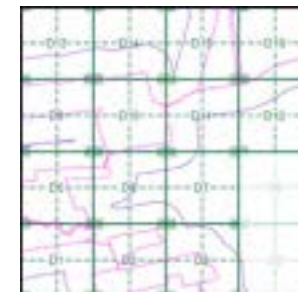
- ◊ Specified Site
- ◊ Specified Buffer(s)
- x Bearing Reference Point
- Slice
- Map ID

### 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 D



### Order Details

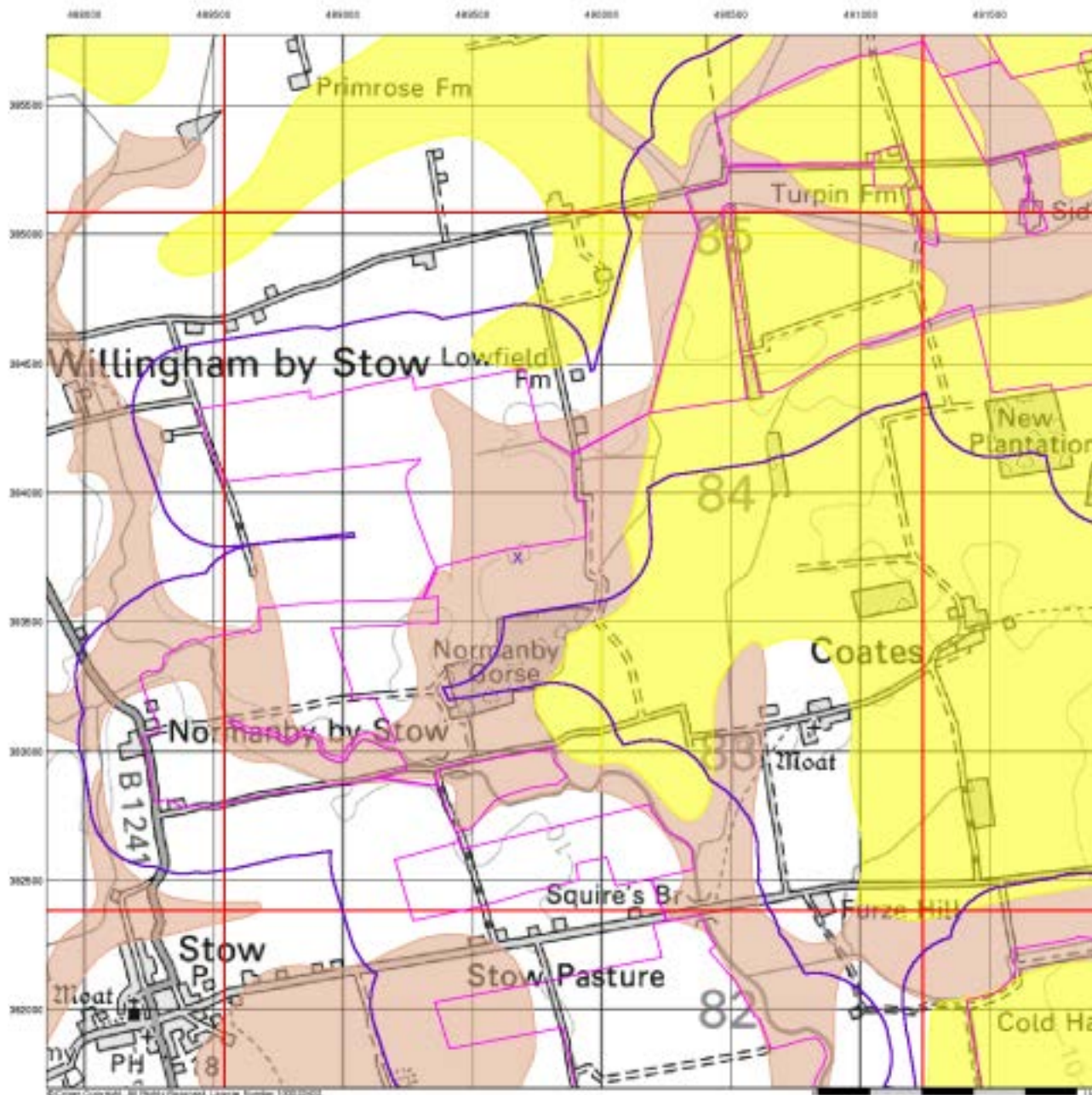
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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## Superficial Aquifer Designation

### General

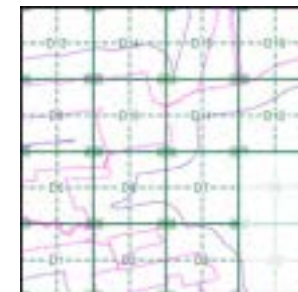
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

### 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 D



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Source Protection Zones

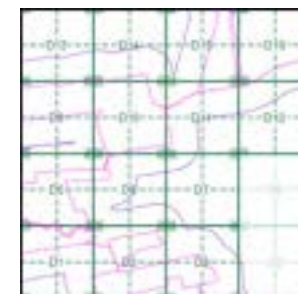
### General

- ◊ Specified Site
- ⬮ Specified Buffer(s)
- X 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 D



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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## Sensitive Land Uses

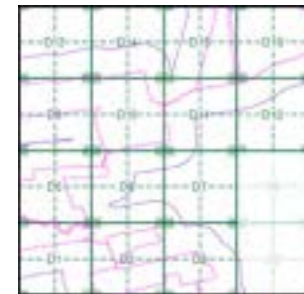
### General

- ◇ Specified Site
- ⬭ Specified Buffer(s)
- ✕ 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 D



### Order Details

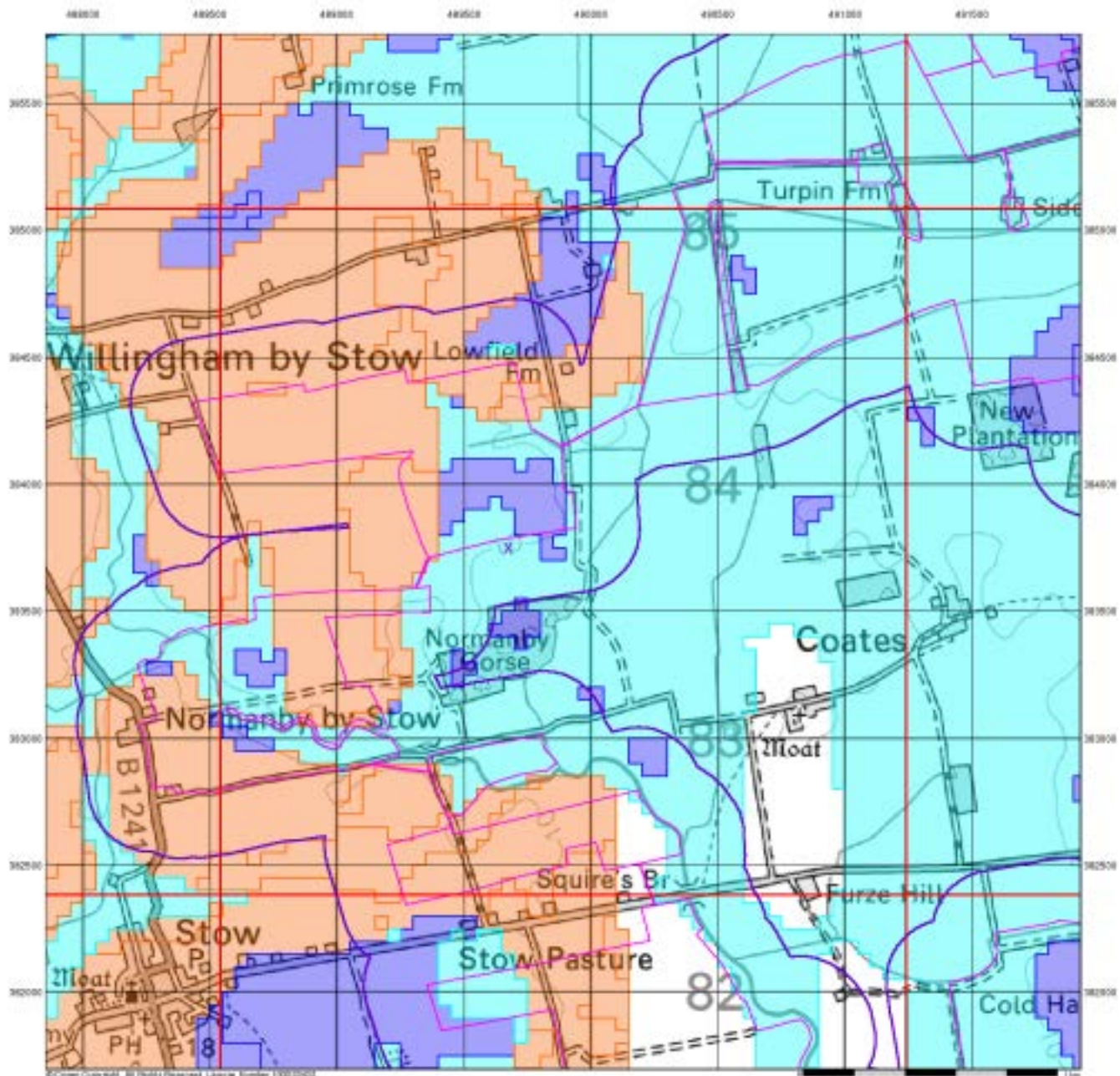
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



**BGS Flood GFS Data**

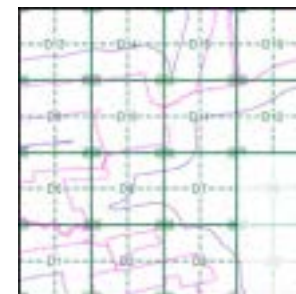
**General**

- Specified Site
- Specified Buffer(s)
- Boring 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 D**



**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 489670, 383750  
 Slice: D  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

**Site Details**

Cottam 1



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

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

287330989\_1\_1

**Customer Reference:**

21-1088.02

**National Grid Reference:**

492450, 384020

**Slice:**

E

**Site Area (Ha):**

884.45

**Search Buffer (m):**

250

#### Site Details:

Cottam 1

#### Client Details:

Mr A Howells  
Delta Simons  
3 Henley Office Park  
Doddington Road  
Lincoln  
LN6 3QR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	18
Hazardous Substances	-
Geological	19
Industrial Land Use	-
Sensitive Land Use	23
Data Currency	24
Data Suppliers	29
Useful Contacts	30

## Introduction

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

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## Report Version v53.0

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Agency &amp; Hydrological</b>			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 2	1	
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 2	Yes	
Pollution Incidents to Controlled Waters			
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality			
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 2	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Groundwater Vulnerability - Local Information			n/a
Bedrock Aquifer Designations	pg 12	Yes	n/a
Superficial Aquifer Designations	pg 12	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 13	Yes	
Flooding from Rivers or Sea without Defences	pg 13	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 13	20	16

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Waste</b>			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 18	2	n/a
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
<b>Hazardous Substances</b>			
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 (*up to 500m)
<b>Geological</b>			
BGS 1:625,000 Solid Geology	pg 19	Yes	n/a
BGS Estimated Soil Chemistry	pg 19	Yes	
BGS Recorded Mineral Sites			
BGS Urban Soil Chemistry			
BGS Urban Soil Chemistry Averages			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 20	Yes	
Potential for Compressible Ground Stability Hazards	pg 20	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 20	Yes	
Potential for Running Sand Ground Stability Hazards	pg 20	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 21	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a
<b>Industrial Land Use</b>			
Contemporary Trade Directory Entries			
Fuel Station Entries			
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			
Gas Pipelines			
Underground Electrical Cables			

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Sensitive Land Use</b>			
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 23	1	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E11SE (E)	0	1	492950 383900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	492050 382200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E3SW (S)	0	1	492700 382400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	492900 382350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	491950 385700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E10NE (N)	0	1	492400 384350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E6NE (S)	0	1	492300 383450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E15NW (N)	0	1	492600 385000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E16NW (NE)	0	1	493450 384750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E10SE (NW)	0	1	492448 384023
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	491950 385550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E15NE (NE)	0	1	492950 385050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	490650 384750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E14NE (N)	0	1	492448 385000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E15NE (NE)	0	1	493250 385000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E10SE (S)	0	1	492450 384000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E3SW (S)	1	1	492800 382400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E4NW (SE)	3	1	493300 382850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	124	1	493450 382100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E9NW (W)	182	1	491350 384150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4NW (SE)	229	1	493450 382800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: Limestone Farming Company  Property Type: Undefined Or Other  Location: Crewyards At Blackham Low Farm, Blackham Low Farm, Cammeringham  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Pr3nfs1614  Permit Version: 1  Effective Date: 12th March 1969  Issued Date: 12th March 1969  Revocation Date: 19th February 1992  Discharge Type: Trade Effluent  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Till  <b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	E3SW (S)	0	2	492740 382520
	<p><b>Nearest Surface Water Feature</b></p>	E3SE (S)	0	-	493051 382454
	<p><b>Groundwater Vulnerability Map</b></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: &lt;300 mm/year  Baseflow Index: 40-70%  Superficial Patchiness: &lt;90%  Superficial Thickness: &lt;3m  Superficial Recharge: Low</p>	(W)	0	3	491000 384023
	<p><b>Groundwater Vulnerability Map</b></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: &lt;300 mm/year  Baseflow Index: 40-70%  Superficial Patchiness: &lt;90%  Superficial Thickness: &lt;3m  Superficial Recharge: Low</p>	(NW)	0	3	491000 384962
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures  Dilution: &lt;300 mm/year  Baseflow Index: 40-70%  Superficial Patchiness: &gt;90%  Superficial Thickness: 3-10m  Superficial Recharge: Low</p>	E13NW (NW)	0	3	491545 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: Low</p>	E10SW (W)	0	3	492000 384023
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	(NW)	0	3	491000 385086
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	(NW)	0	3	490883 385000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	(NW)	0	3	491000 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	E13NW (NW)	0	3	491554 385006
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	(NW)	0	3	491882 385157
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	E14NW (NW)	0	3	492000 385000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	E13NW (NW)	0	3	491320 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	E14NE (N)	0	3	492448 385000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	(N)	0	3	492000 385247
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(SW)	0	3	490900 382000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	(S)	0	3	492000 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	(S)	0	3	492448 382000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	(S)	0	3	492376 382000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	E14NW (N)	0	3	492227 385000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: No Data</p>	E15NE (NE)	0	3	493000 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: Low</p>	E14NW (NW)	0	3	492000 384818
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: No Data</p>	E10SE (NW)	0	3	492448 384023
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: No Data</p>	E14NW (NW)	0	3	492010 384823
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	E11SE (E)	0	3	493000 384023

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	(SW)	0	3	490616 383000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	(S)	0	3	492000 382165
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	E2SW (S)	0	3	492000 382506
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: &gt;70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: High</p>	E3SW (S)	0	3	492674 382532



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: &gt;70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: High</p>	(S)	0	3	492008 382163
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: High            Bedrock Flow: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: &gt;70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: High</p>	E2NE (S)	0	3	492442 383000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	E4NW (SE)	0	3	493351 382852
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	E11SW (E)	0	3	492710 383945

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	E6SE (S)	0	3	492545 383288
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	E10SE (S)	0	3	492448 384000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(SW)	0	3	491000 382000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability            Combined Vulnerability: High            Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: No Data</p>	(SW)	0	3	490586 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	(SW)	0	3	491283 382000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	(S)	0	3	492804 382000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	(S)	0	3	493000 382000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	(SW)	0	3	490271 382644

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Poorly Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: High	E3SW (S)	0	3	492719 382679
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Poorly Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low	E4NW (SE)	0	3	493299 382881
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	E10SE (NW)	0	3	492448 384023
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	E14NE (N)	0	3	492448 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	E10SE (NW)	0	3	492448 384023
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	E14NE (N)	0	3	492448 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	3	490883 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	3	491882 385157
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	E13NW (NW)	0	3	491545 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	E13NW (NW)	0	3	491554 385006
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	E6SE (S)	0	3	492545 383288
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	E11SW (E)	0	3	492710 383945
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	E14NW (NW)	0	3	492010 384823
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	E14NW (N)	0	3	492227 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	E3SW (S)	0	3	492674 382532
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	E4NW (SE)	0	3	493351 382852
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	E11SW (SE)	0	2	492645 383785
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	E14NW (NW)	0	2	491990 384825
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	E13NE (NW)	0	2	491895 384890
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	E11SW (SE)	0	2	492640 383775
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
2	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 669.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14NE (N)	0	4	492567 385050
3	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 136.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E15SE (NE)	0	4	492941 384701
4	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 163.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E15SE (NE)	0	4	492941 384701
5	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 40.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E15SE (NE)	0	4	493104 384723
6	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 122.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E15SE (NE)	0	4	493117 384720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 462.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E16SW (NE)	0	4	493291 384688
8	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E15SE (NE)	0	4	493238 384708
9	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E15SE (NE)	0	4	493237 384702
10	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 60.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E15SE (NE)	0	4	493238 384715
11	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 593.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E16SW (NE)	0	4	493291 384688
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E16NW (NE)	0	4	493383 385027
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 706.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E3SW (S)	0	4	492803 382553
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1224.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E11SW (E)	0	4	492722 383975
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 305.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E3SE (S)	0	4	493051 382454

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 251.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E4SW (SE)	0	4	493318 382396
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 488.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E4SW (SE)	0	4	493318 382396
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 292.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E2SW (S)	0	4	492250 382581
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2066.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E13NE (NW)	0	4	491801 385052
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1532.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14NW (NW)	0	4	492008 384833
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 166.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14NE (N)	0	4	492268 385048
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 211.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E16NW (NE)	3	4	493389 385028
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1076.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E7NW (SE)	4	4	492644 383592
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 355.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E7NW (SE)	6	4	492644 383592

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 115.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E10NW (W)	38	4	491938 384123
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 151.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E9NE (W)	90	4	491888 384106
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 688.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E3SW (S)	100	4	492619 382641
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 707.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E9NW (W)	154	4	491320 384321
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 14.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E2SW (S)	167	4	492250 382595
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 93.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E2SE (S)	172	4	492343 382607
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 60.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	E2SE (S)	173	4	492315 382656
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E2SE (S)	173	4	492353 382608
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E2SE (S)	173	4	492359 382609



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 92.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E2SE (S)	181	4	492315 382656
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 377.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E7SE (SE)	241	4	493014 383071
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1096.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E3NE (SE)	241	4	493120 382835
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 635.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E6SW (SW)	244	4	491943 383293

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: West Lindsey District Council - Has no landfill data to supply		0	5	492448 384023
	<b>Local Authority Landfill Coverage</b> Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	492448 384023

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Lias Group	E10SE (NW)	0	1	492448 384023
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	E4NW (SE)	0	1	493376 383039
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	E10SE (NW)	0	1	492448 384023
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	E4NW (SE)	0	1	493351 382852
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	E14NE (N)	0	1	492448 385000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	E15NE (NE)	0	1	493000 385000
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E6SE (S)	0	1	492545 383288
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E14NW (N)	0	1	492227 385000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E14NW (NW)	0	1	492010 384823
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E11SW (E)	0	1	492710 383945
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E10SE (NW)	0	1	492448 384023
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491554 385006
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491545 385000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E14NE (N)	0	1	492448 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E10SE (NW)	0	1	492448 384023
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491554 385006
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491545 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E14NE (N)	0	1	492448 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E14NW (N)	0	1	492227 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E14NW (NW)	0	1	492010 384823
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E11SW (E)	0	1	492710 383945
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E6SE (S)	0	1	492545 383288
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E14NE (N)	0	1	492448 385000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E10SE (NW)	0	1	492448 384023
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E10SE (NW)	0	1	492448 384023
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E14NE (N)	0	1	492448 385000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491554 385006

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491545 385000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4NW (SE)	0	1	493351 382852
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E14NE (N)	0	1	492448 385000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E10SE (NW)	0	1	492448 384023
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4NW (SE)	0	1	493376 383039
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SW (S)	0	1	492674 382532
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E6SE (S)	0	1	492545 383288
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E14NW (N)	0	1	492227 385000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E14NW (NW)	0	1	492010 384823
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E11SW (E)	0	1	492710 383945
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E14NE (N)	0	1	492448 385000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E10SE (NW)	0	1	492448 384023
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491545 385000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E14NW (N)	0	1	492227 385000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491320 385000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E14NW (NW)	0	1	492010 384823
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E11SW (E)	0	1	492710 383945
	<b>Radon Potential - Radon Affected Areas</b> 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	E10SE (NW)	0	1	492448 384023
	<b>Radon Potential - Radon Affected Areas</b> 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	E14NE (N)	0	1	492448 385001
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	E10SE (NW)	0	1	492448 384023

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	E14NE (N)	0	1	492448 385001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	<p><b>Nitrate Vulnerable Zones</b></p> <p>Name: Lower Witham Nvz            Description: Surface Water            Source: Environment Agency, Head Office</p>	E10SE (NW)	0	3	492448 384023

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	June 2020 September 2017	Annually Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Anglian Region	July 2021	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Anglian Region	March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - Anglian Region	January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Anglian Region	July 2021	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> West Lindsey District Council - Environmental Health Department	November 2014	Variable
<b>Local Authority Pollution Prevention and Controls</b> West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> West Lindsey District Council - Environmental Health Department	November 2014	Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	August 2021	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Anglian Region	September 1999	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Anglian Region	July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Anglian Region	March 2013	
<b>Registered Radioactive Substances</b> Environment Agency - Anglian Region	June 2016	Annually
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Water Abstractions</b> Environment Agency - Anglian Region	July 2021	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region	October 2017	Quarterly
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Source Protection Zones</b> Environment Agency - Head Office	May 2021	Bi-Annually
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2021	Quarterly













Agency & Hydrological	Version	Update Cycle
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	July 2021	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	February 2016	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	May 2021	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Anglian Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Local Authority Landfill Coverage</b> Lincolnshire County Council West Lindsey District Council - Environmental Health Department	February 2003 February 2003	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Lincolnshire County Council West Lindsey District Council - Environmental Health Department	October 2018 October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Anglian Region - Northern Area	April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Anglian Region - Northern Area	June 2015	

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2010 February 2016	Variable Variable
<b>Planning Hazardous Substance Consents</b> Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2007 February 2016	Variable Variable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

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

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	February 2021	Bi-Annually
<b>Areas of Adopted Green Belt</b> West Lindsey District Council	October 2020	Quarterly
<b>Areas of Unadopted Green Belt</b> West Lindsey District Council	October 2020	Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	January 2021	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	February 2021	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Nature Reserves</b> Natural England	January 2021	Bi-Annually
<b>National Parks</b> Natural England	February 2018	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2016	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
<b>Ramsar Sites</b> Natural England	August 2020	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	February 2021	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	July 2020	Bi-Annually
<b>Special Protection Areas</b> Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>West Lindsey District Council - Environmental Health Department</b> The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	<b>Lincolnshire County Council</b> 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

### Historical Land Use Information (1:10,000)

#### General

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

#### Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

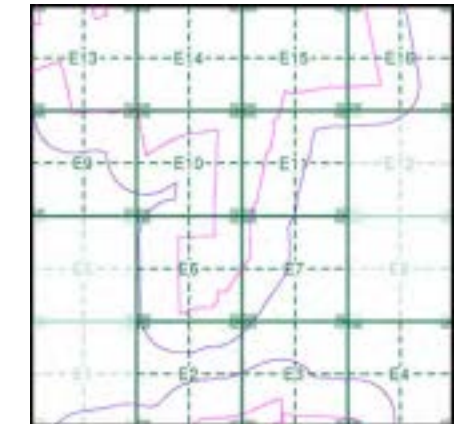
#### Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

#### Mining Data

- Potential Mining Area
- BGS Recorded Mineral Site

#### Mining and Ground Stability - Slice E

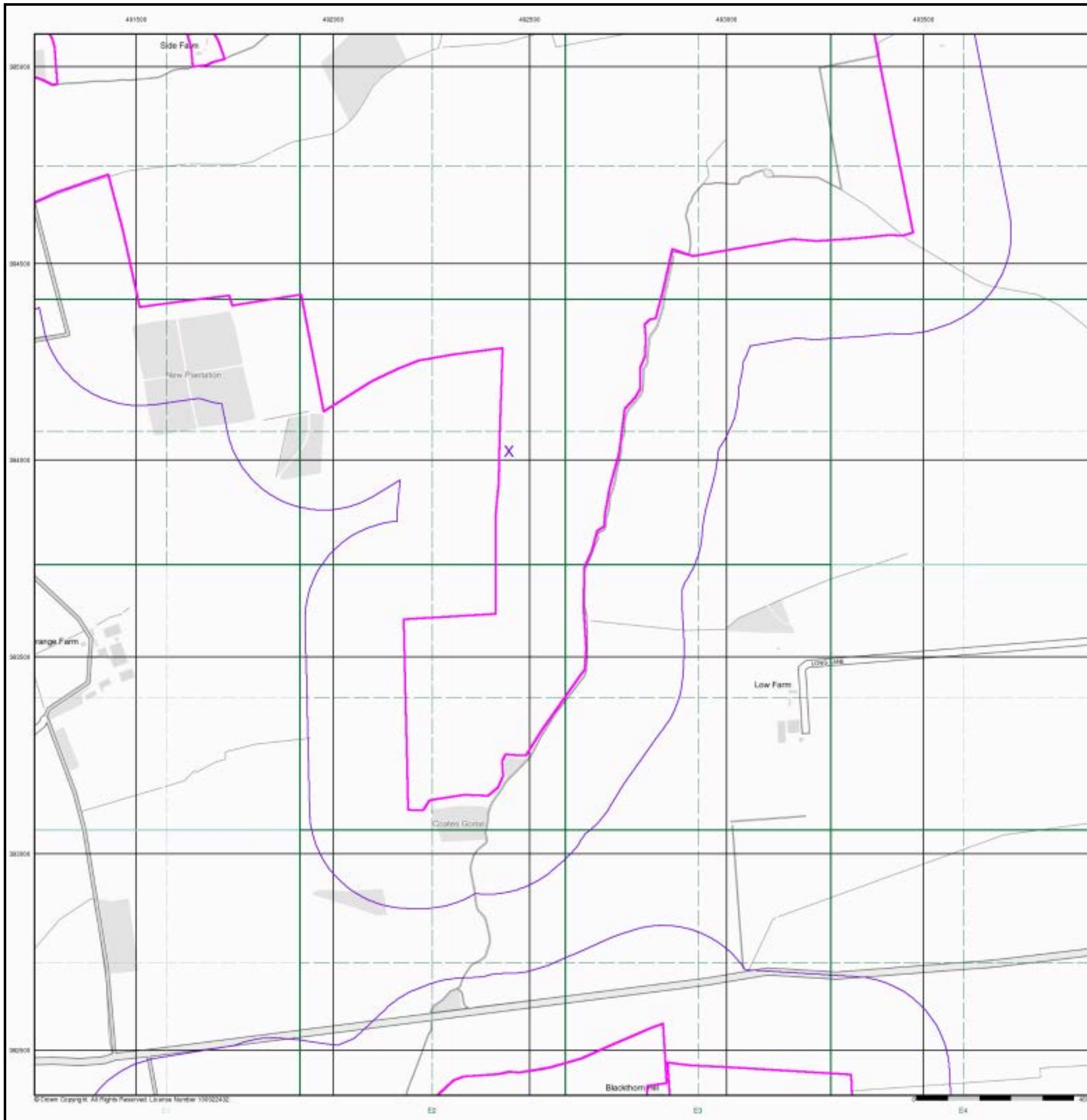


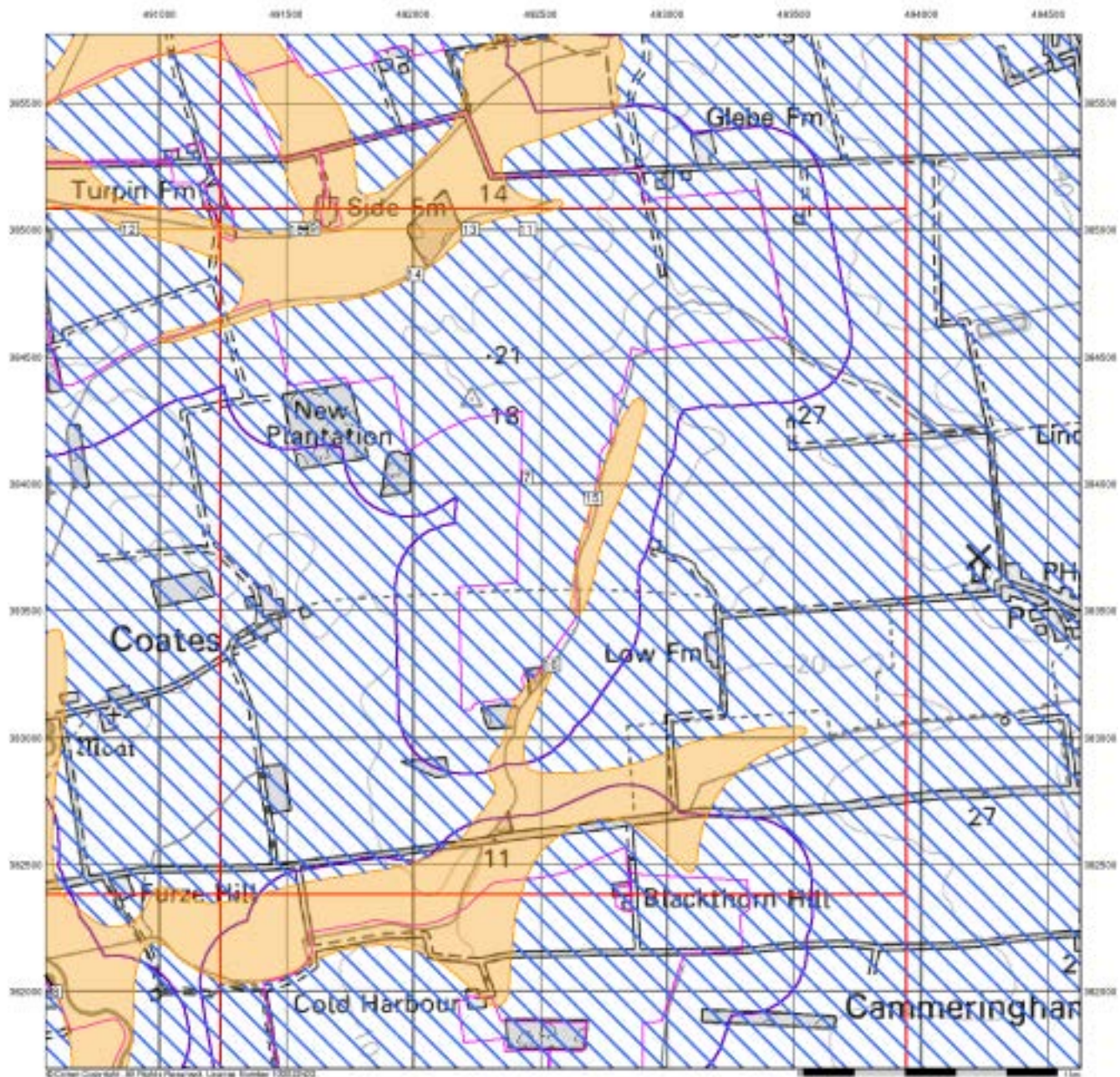
#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

#### Site Details

Cottam 1





## Ground Stability Data (1:50,000)

### General

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

### Potential for Compressible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

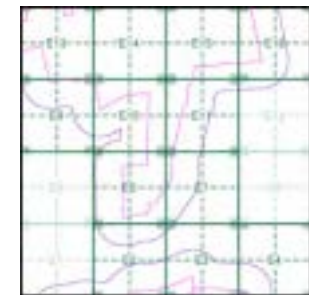
### Potential for Collapsible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Brine Pumping and Salt Mining

- |                               | Point | Polygon |
|-------------------------------|-------|---------|
| Brine Pumping Related Feature |       |         |
| Salt Mining Related Feature   |       |         |

### Mining and Ground Stability - Slice E



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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





## Ground Stability Data (1:50,000)

### General

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

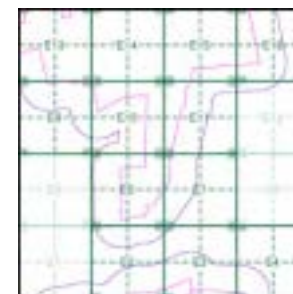
### Potential for Landslide Ground Stability Hazards

- ▭ High
- ▭ Moderate
- ▭ Low
- ▭ Very Low

### Potential for Ground Dissolution Stability Hazards

- ▭ High
- ▭ Moderate
- ▭ Low
- ▭ Very Low

### Mining and Ground Stability - Slice E



### Order Details

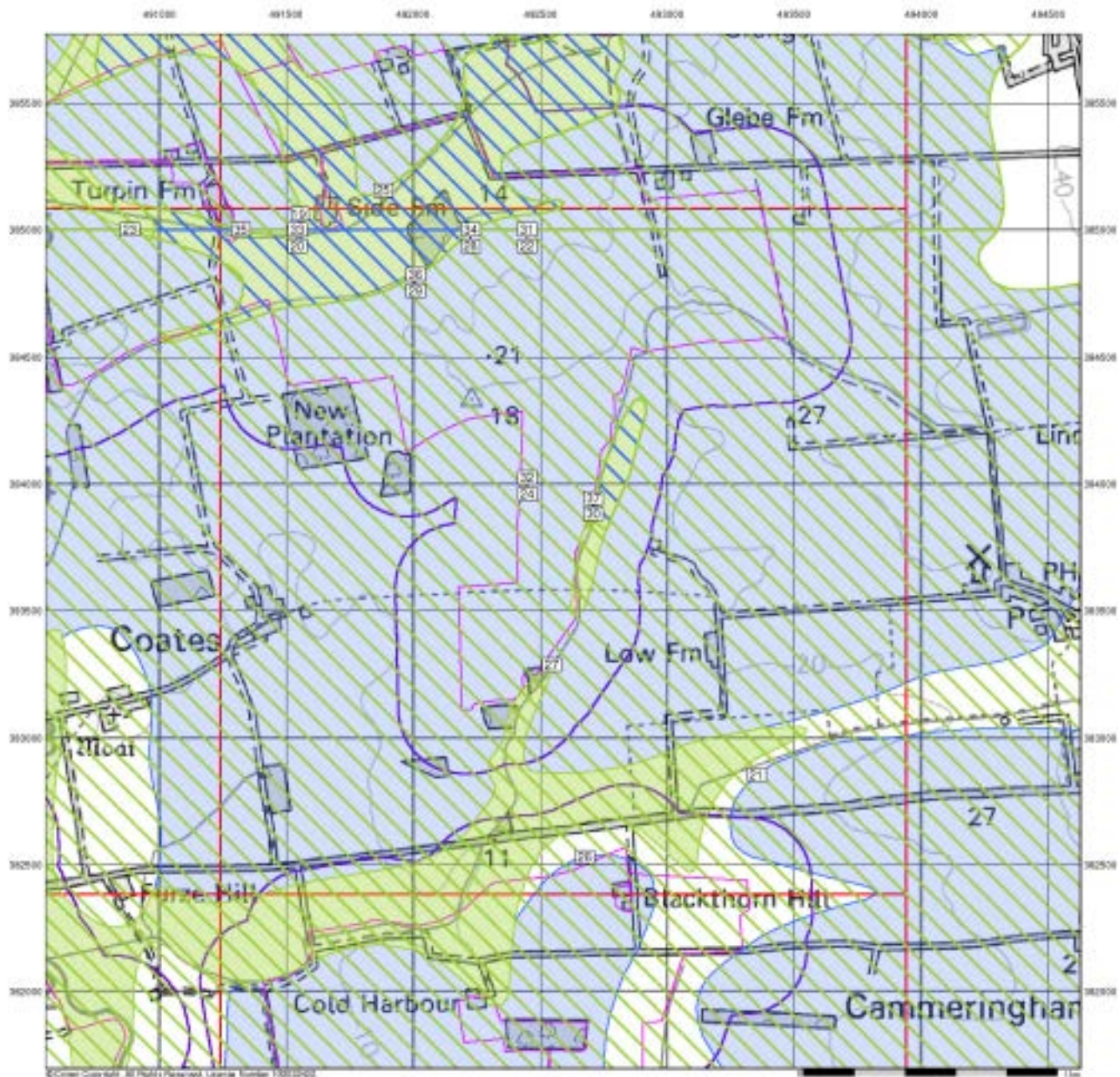
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Ground Stability Data (1:50,000)

### General

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

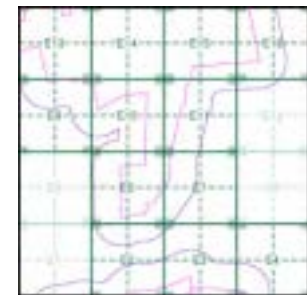
### Potential for Running Sand Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Mining and Ground Stability - Slice E



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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

## Envirocheck<sup>®</sup> Report:

# Mining and Ground Stability Datasheet

### Order Details:

**Order Number:**  
287330989\_1\_1

**Customer Reference:**  
21-1088.02

**National Grid Reference:**  
492450, 384020

**Slice:**  
E

**Site Area (Ha):**  
884.45

**Search Buffer (m):**  
250

**Site Details:**  
Cottam 1

### Client Details:

Mr A Howells  
Delta Simons  
3 Henley Office Park  
Doddington Road  
Lincoln  
LN6 3QR

Report Section and Details	Page Number
<b>Summary</b>	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>	
<b>Mining and Natural Cavities Data</b>	-
<p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>	
<b>Historical Land Use Information (1:2,500)</b>	<b>1</b>
<p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p>	
<b>Historical Land Use Information (1:10,000)</b>	-
<p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>	
<b>Ground Stability Data (1:50,000)</b>	<b>2</b>
<p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>	
<b>Historical Map List</b>	<b>5</b>
<p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>	
<b>Data Currency</b>	<b>7</b>
<b>Data Suppliers</b>	<b>8</b>
<b>Useful Contacts</b>	<b>9</b>

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

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#### Report Version v53.0

Data Type	Page Number	On Site	0 to 250m
<b>Mining and Natural Cavities Data</b>			
BGS Recorded Mineral Sites			
Coal Mining Affected Areas			n/a
Man Made Mining Cavities			
Mining Instability			n/a
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential Mining Areas			
<b>Historical Land Use Information (1:2,500)</b>			
Extractive Industries or Potential Excavations from 1855-1909 (100m)			
Extractive Industries or Potential Excavations from 1893-1915 (100m)			
Extractive Industries or Potential Excavations from 1906-1937 (100m)			
Extractive Industries or Potential Excavations from 1924-1949 (100m)			
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 1	3	3
Subterranean Features (100m)			
<b>Historical Land Use Information (1:10,000)</b>			
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining & quarrying general			
Mining of coal & lignite			
Quarrying of sand & clay, operation of sand & gravel pits			
Former Marshes			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
<b>Ground Stability Data (1:50,000)</b>			
CBSCB Compensation District			n/a
Brine Pumping Related Features			
Brine Subsidence Solution Area			
Potential for Collapsible Ground Stability Hazards	pg 2	Yes	
Potential for Compressible Ground Stability Hazards	pg 2	Yes	
Potential for Ground Dissolution Stability Hazards	pg 3	Yes	
Potential for Landslide Ground Stability Hazards	pg 3	Yes	
Potential for Running Sand Ground Stability Hazards	pg 3	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 4	Yes	
Salt Mining Related Features			

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	E13NW (NW)	0	-	491570 384755
2	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	E15SE (NE)	0	-	493234 384706
3	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	E16SW (NE)	0	-	493382 384632
4	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	E16SW (NE)	6	-	493446 384565
5	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	E11NW (NE)	7	-	492799 384331
6	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	E10NW (W)	21	-	491969 384102

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>CBSCB Compensation District</b> The site does not fall within the brine compensation area.				
	<b>Brine Subsidence Solution Area</b> The site does not fall within the brine subsidence solution area.				
7	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E10SE (NW)	0	1	492448 384023
8	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490271 382644
9	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491554 385006
10	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491545 385000
11	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E14NE (N)	0	1	492448 385000
12	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(NW)	0	1	490883 385000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E6SE (S)	0	1	492545 383288
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E14NW (N)	0	1	492227 385000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E14NW (NW)	0	1	492010 384823
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E11SW (E)	0	1	492710 383945
13	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E14NW (N)	0	1	492227 385000
14	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E14NW (NW)	0	1	492010 384823
15	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E11SW (E)	0	1	492710 383945
16	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E6SE (S)	0	1	492545 383288
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E10SE (NW)	0	1	492448 384023
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490271 382644
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491554 385006
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491545 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E14NE (N)	0	1	492448 385000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(NW)	0	1	490883 385000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E14NE (N)	0	1	492448 385000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E10SE (NW)	0	1	492448 384023
17	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E10SE (NW)	0	1	492448 384023
18	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E14NE (N)	0	1	492448 385000
19	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491554 385006
20	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491545 385000
21	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4NW (SE)	0	1	493351 382852
22	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E14NE (N)	0	1	492448 385000
23	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(NW)	0	1	490883 385000
24	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E10SE (NW)	0	1	492448 384023
25	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(NW)	0	1	491882 385157
26	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SW (S)	0	1	492674 382532
27	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E6SE (S)	0	1	492545 383288
28	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E14NW (N)	0	1	492227 385000
29	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E14NW (NW)	0	1	492010 384823
30	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E11SW (E)	0	1	492710 383945
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4NW (SE)	0	1	493376 383039
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490271 382644
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	491313 382033
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SW)	216	1	490924 383303

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E14NE (N)	0	1	492448 385000
32	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E10SE (NW)	0	1	492448 384023
33	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491545 385000
34	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E14NW (N)	0	1	492227 385000
35	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E13NW (NW)	0	1	491320 385000
36	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E14NW (NW)	0	1	492010 384823
37	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E11SW (E)	0	1	492710 383945

The following mapping has been analysed for Historical Land Use Information (1:2,500):








1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	SK9182	1974
Ordnance Survey Plan	SK9183	1974
Ordnance Survey Plan	SK9183	1974
Ordnance Survey Plan	SK9183	1974
Ordnance Survey Plan	SK9183	1974
Ordnance Survey Plan	SK9184	1974
Ordnance Survey Plan	SK9184	1974
Ordnance Survey Plan	SK9184	1974
Ordnance Survey Plan	SK9184	1974
Ordnance Survey Plan	SK9185	1974
Ordnance Survey Plan	SK9185	1974
Ordnance Survey Plan	SK9282	1974
Ordnance Survey Plan	SK9282	1974
Ordnance Survey Plan	SK9283	1974
Ordnance Survey Plan	SK9283	1974
Ordnance Survey Plan	SK9283	1974
Ordnance Survey Plan	SK9283	1974
Ordnance Survey Plan	SK9283	1974
Ordnance Survey Plan	SK9283	1974
Ordnance Survey Plan	SK9284	1974
Ordnance Survey Plan	SK9284	1974
Ordnance Survey Plan	SK9284	1974
Ordnance Survey Plan	SK9284	1974
Ordnance Survey Plan	SK9285	1974
Ordnance Survey Plan	SK9285	1974
Ordnance Survey Plan	SK9382	1974
Ordnance Survey Plan	SK9382	1974
Ordnance Survey Plan	SK9383	1974
Ordnance Survey Plan	SK9383	1974
Ordnance Survey Plan	SK9383	1974
Ordnance Survey Plan	SK9383	1974
Ordnance Survey Plan	SK9384	1974
Ordnance Survey Plan	SK9384	1974
Ordnance Survey Plan	SK9384	1974
Ordnance Survey Plan	SK9385	1974
Ordnance Survey Plan	SK9385	1974

The following mapping has been analysed for Historical Land Use Information (1:10,000):

<b>1:10,560</b>	<b>Mapsheet</b>	<b>Published Date</b>
Lincolnshire	051_SE	1890
Lincolnshire	051_NE	1891
Lincolnshire	052_NW	1891
Lincolnshire	052_SW	1891
Lincolnshire	051_NE	1907
Lincolnshire	051_SE	1907
Lincolnshire	052_NW	1907
Lincolnshire	052_SW	1907
Lincolnshire	051_NE	1947
Lincolnshire	051_SE	1947
Lincolnshire	052_NW	1947
Lincolnshire	052_SW	1948
Ordnance Survey Plan	SK98NW	1956
Ordnance Survey Plan	SK98SW	1956
<b>1:10,000</b>	<b>Mapsheet</b>	<b>Published Date</b>
Ordnance Survey Plan	SK98NW	1979
Ordnance Survey Plan	SK98SW	1979

<b>Mining and Cavities Data</b>	<b>Version</b>	<b>Update Cycle</b>
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Man Made Mining Cavities</b> Stantec UK Ltd	May 2021	Bi-Annually
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Natural Cavities</b> Stantec UK Ltd	May 2021	Bi-Annually
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Historical Land Use Information (1:2,500)</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Subterranean Features</b> Landmark Information Group Limited	February 2020	Bi-Annually
<b>Ground Stability Data (1:50,000)</b>	<b>Version</b>	<b>Update Cycle</b>
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Brine Subsidence Solution Area</b> Johnson Poole & Bloomer	December 2020	Annual Rolling Update

A selection of organisations who provide data within this report
















Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a> Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: <a href="mailto:customerservices@landmarkinfo.co.uk">customerservices@landmarkinfo.co.uk</a> Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a>

#### General

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

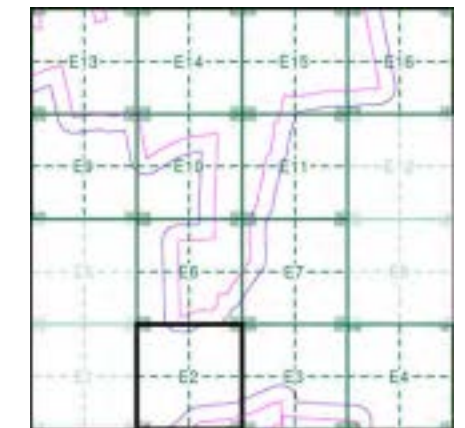
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features			

#### Mining and Ground Stability - Segment E2



#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1





#### General

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

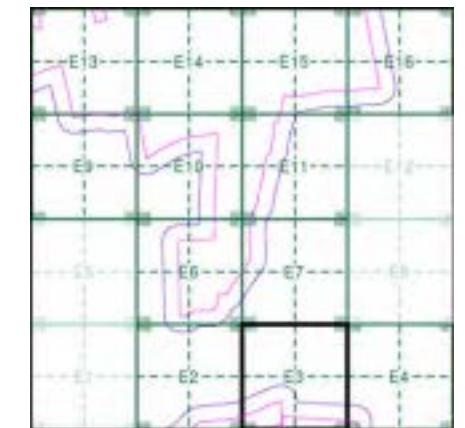
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment E3

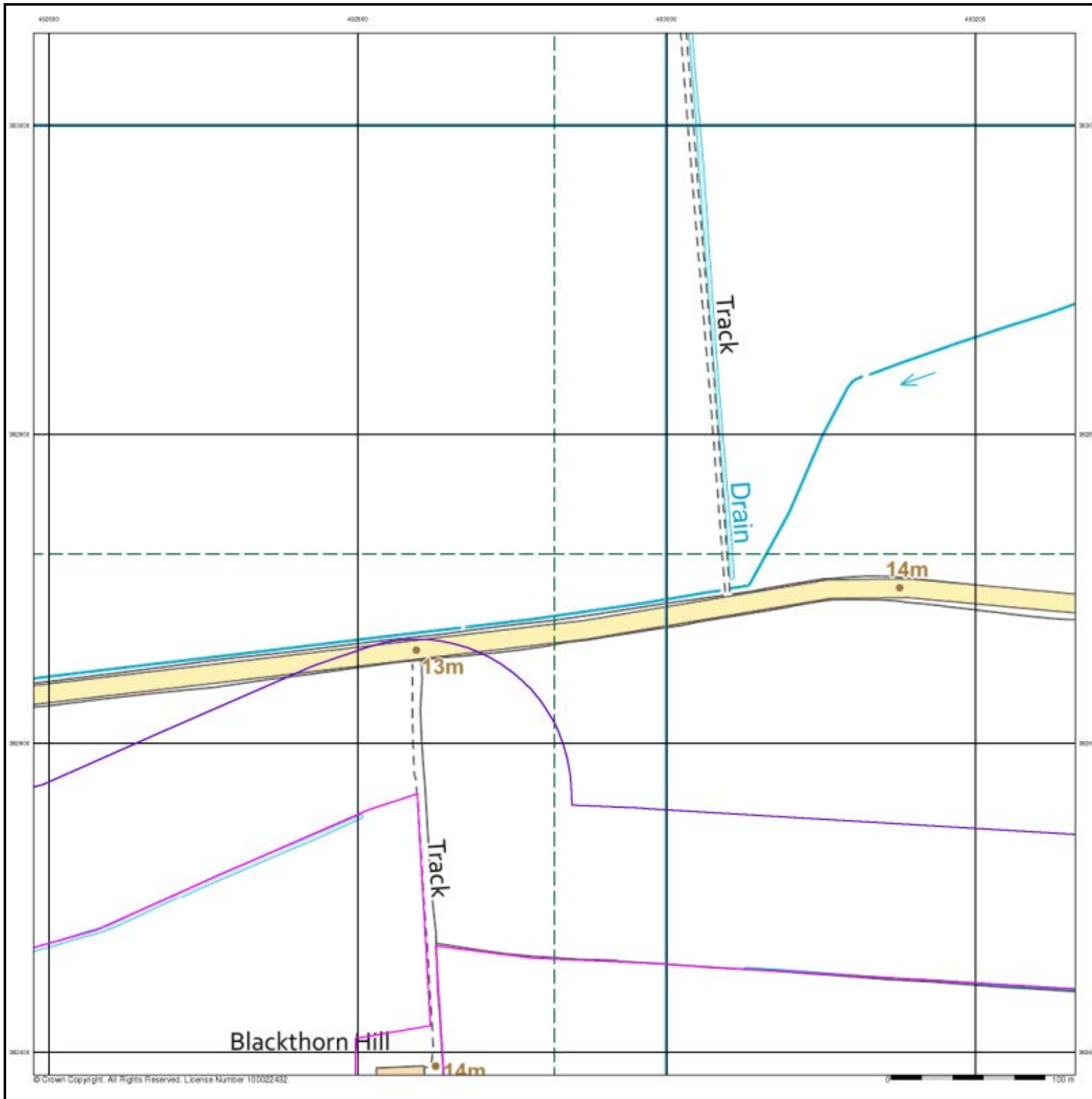


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

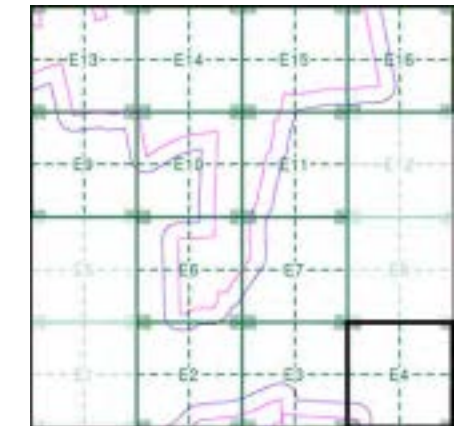
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment E4

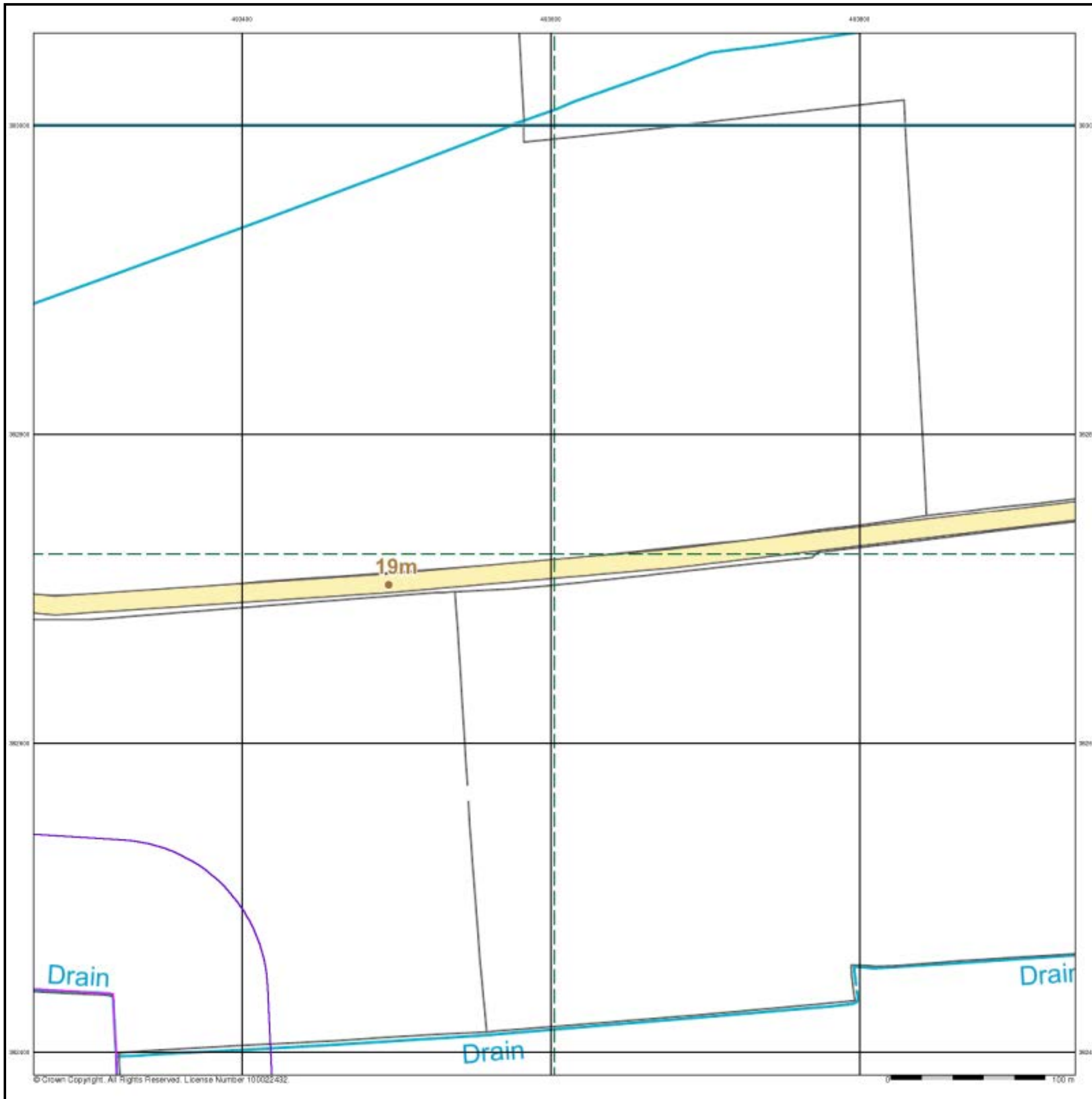


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



**General**

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

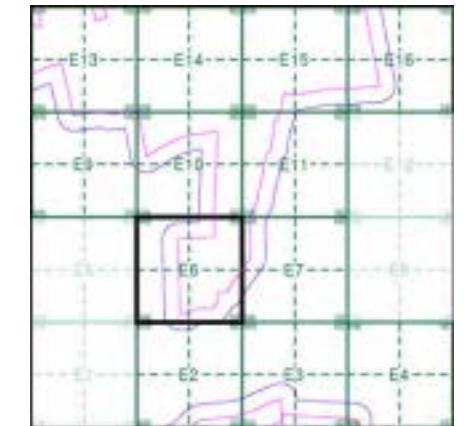
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▧
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▩
Extractive Industries Activity from 1950 - 1960	▲	—	▪

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment E6**

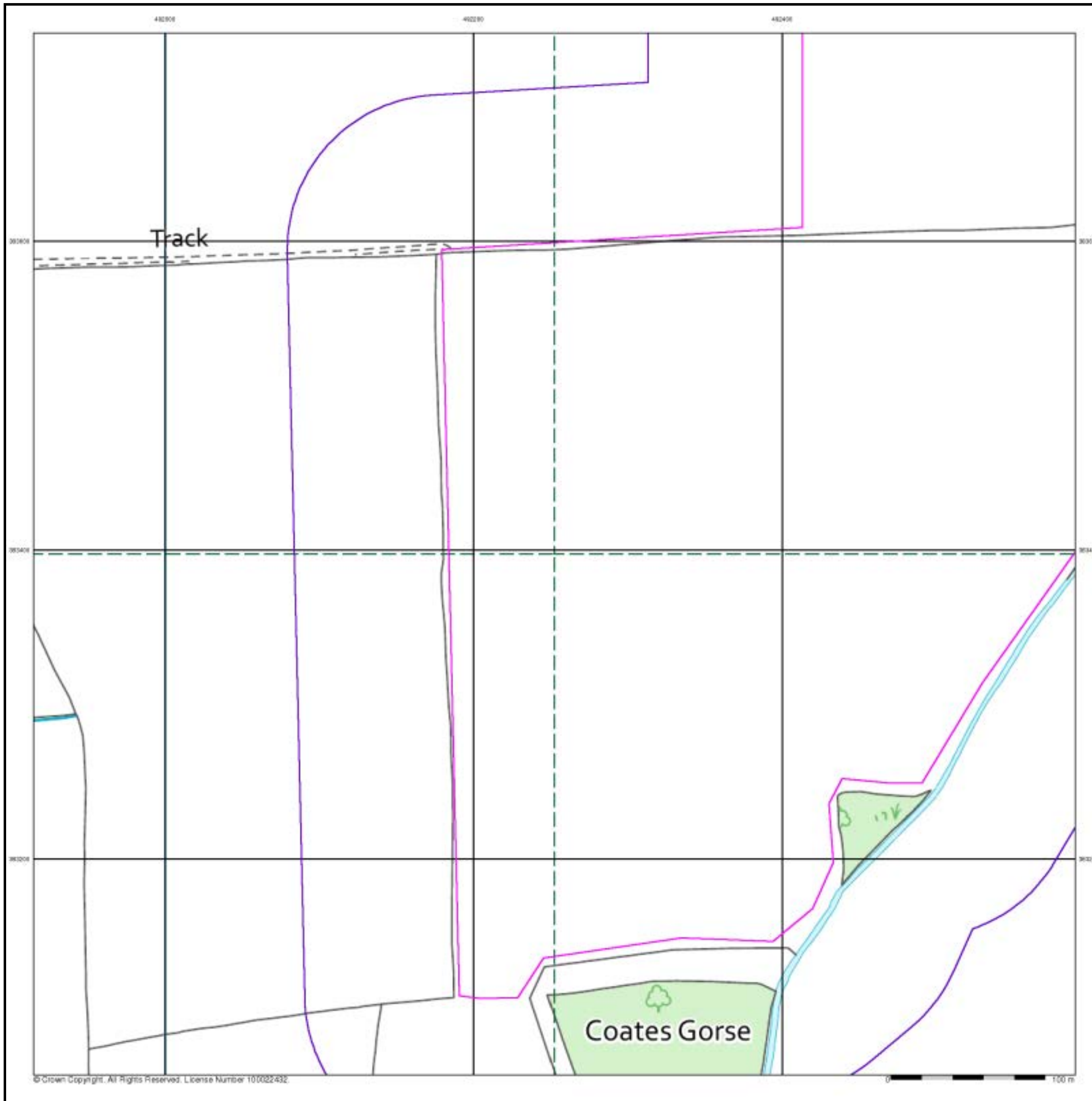


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1



#### General

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

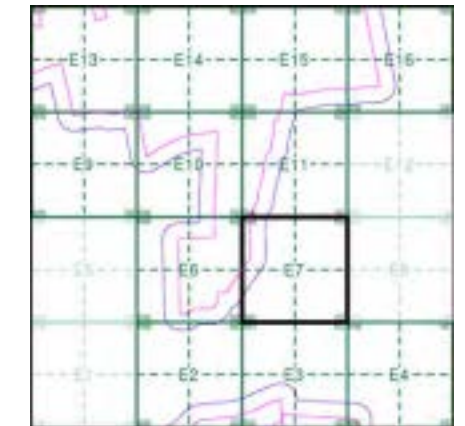
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment E7



#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

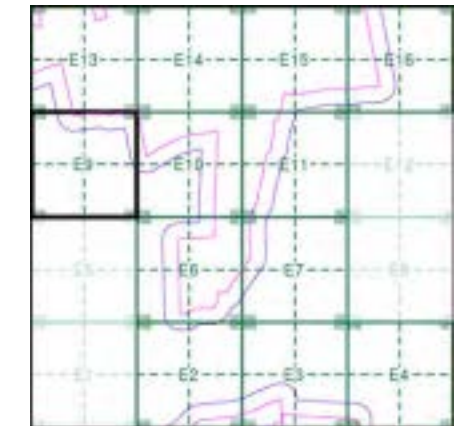
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▧
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▩
Extractive Industries Activity from 1950 - 1960	▲	—	▪

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment E9

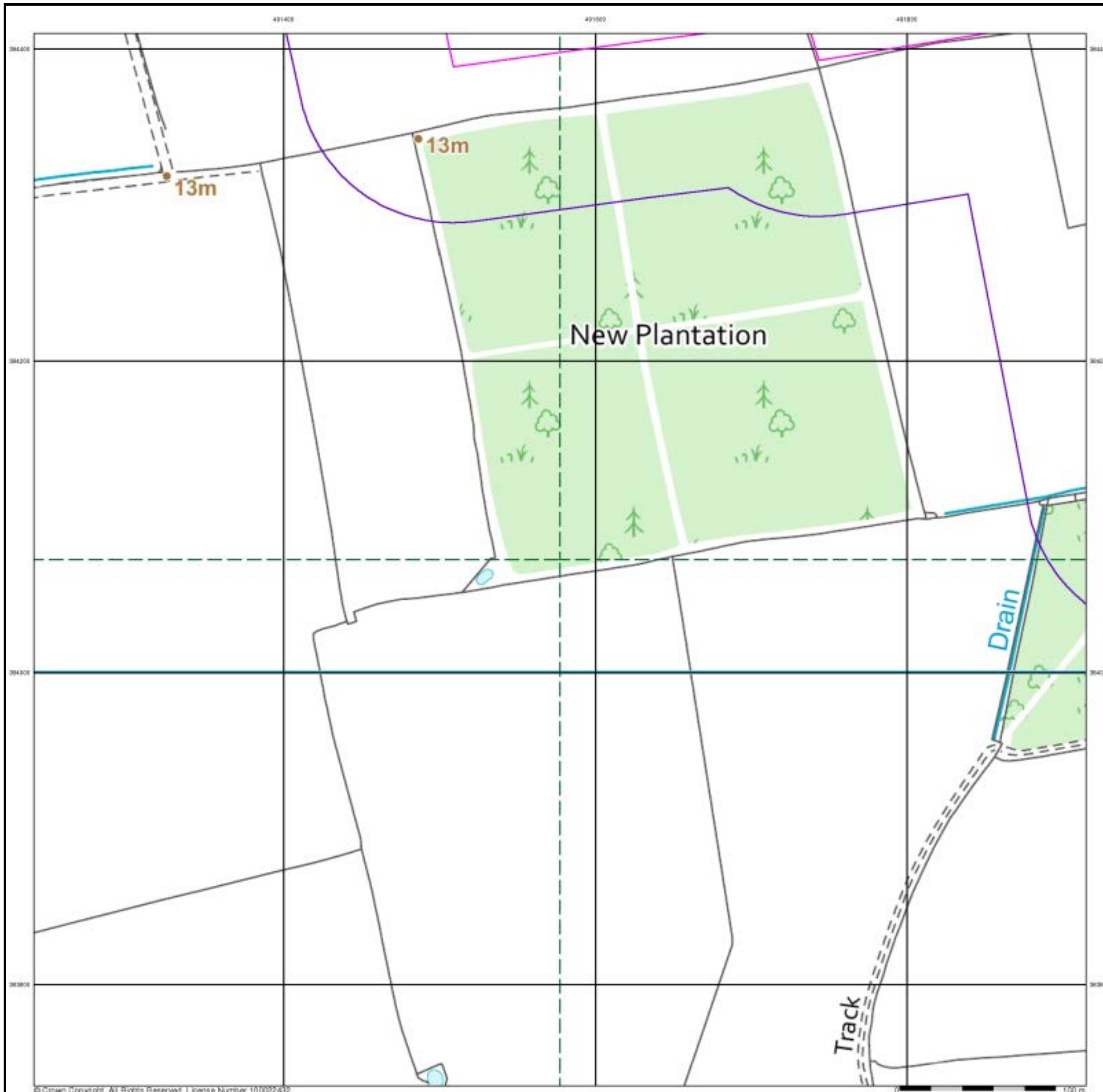


#### Order Details






Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details













Cottam 1



#### General

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

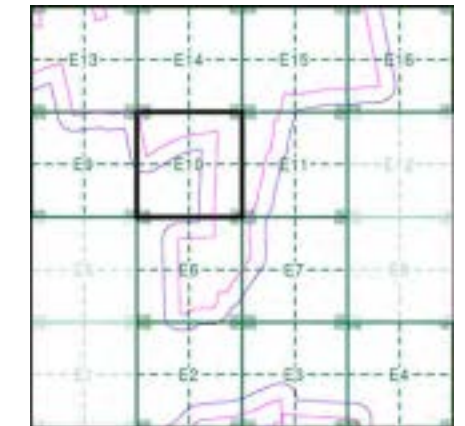
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features			

#### Mining and Ground Stability - Segment E10

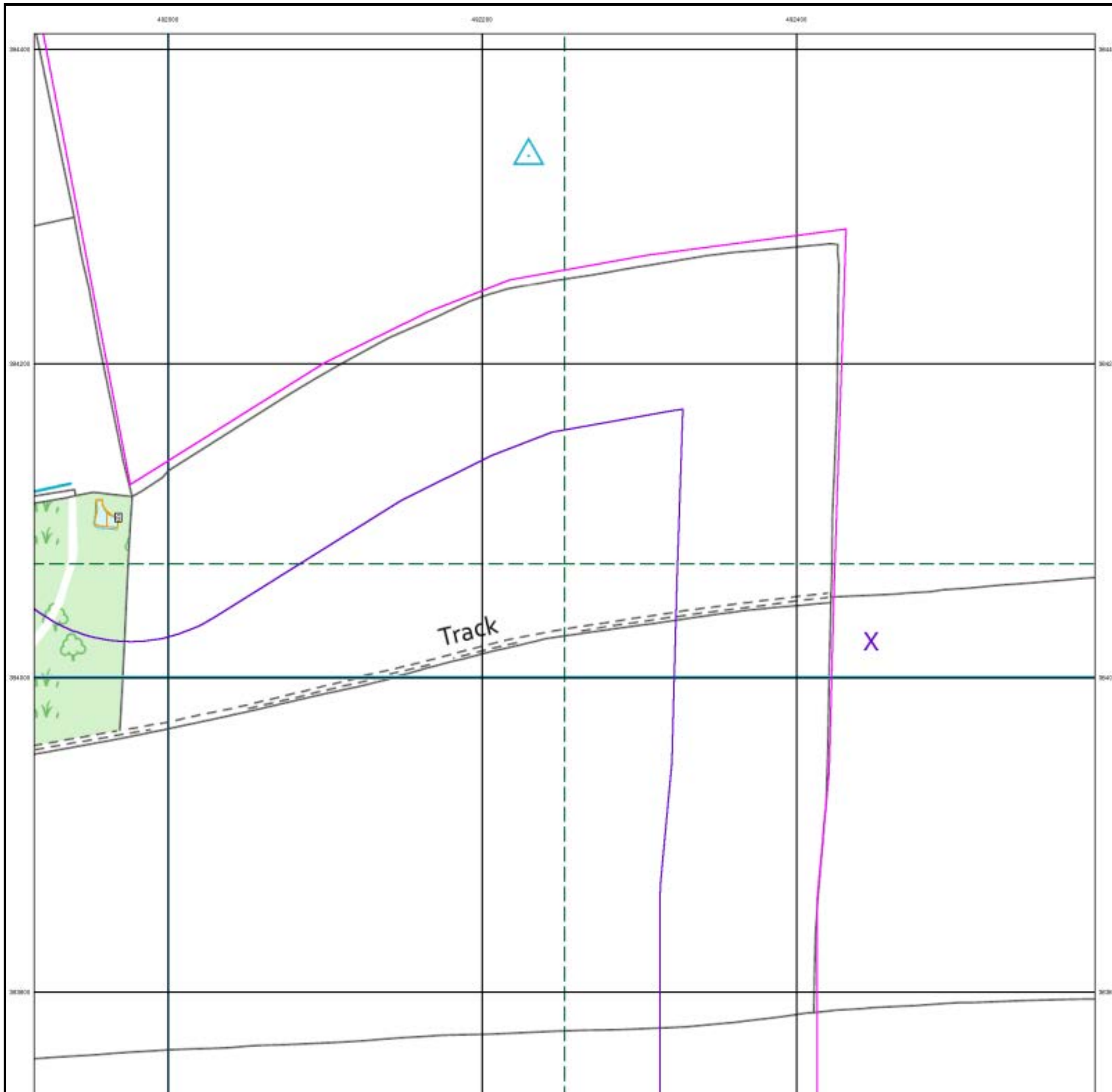


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

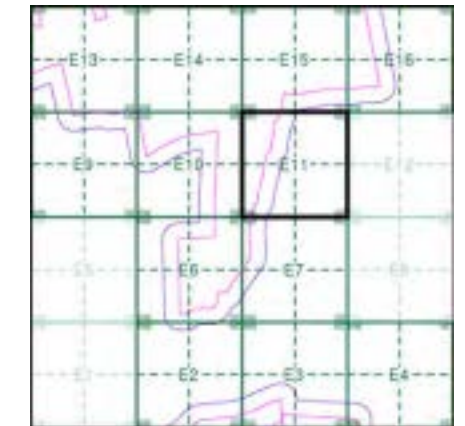
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment E11

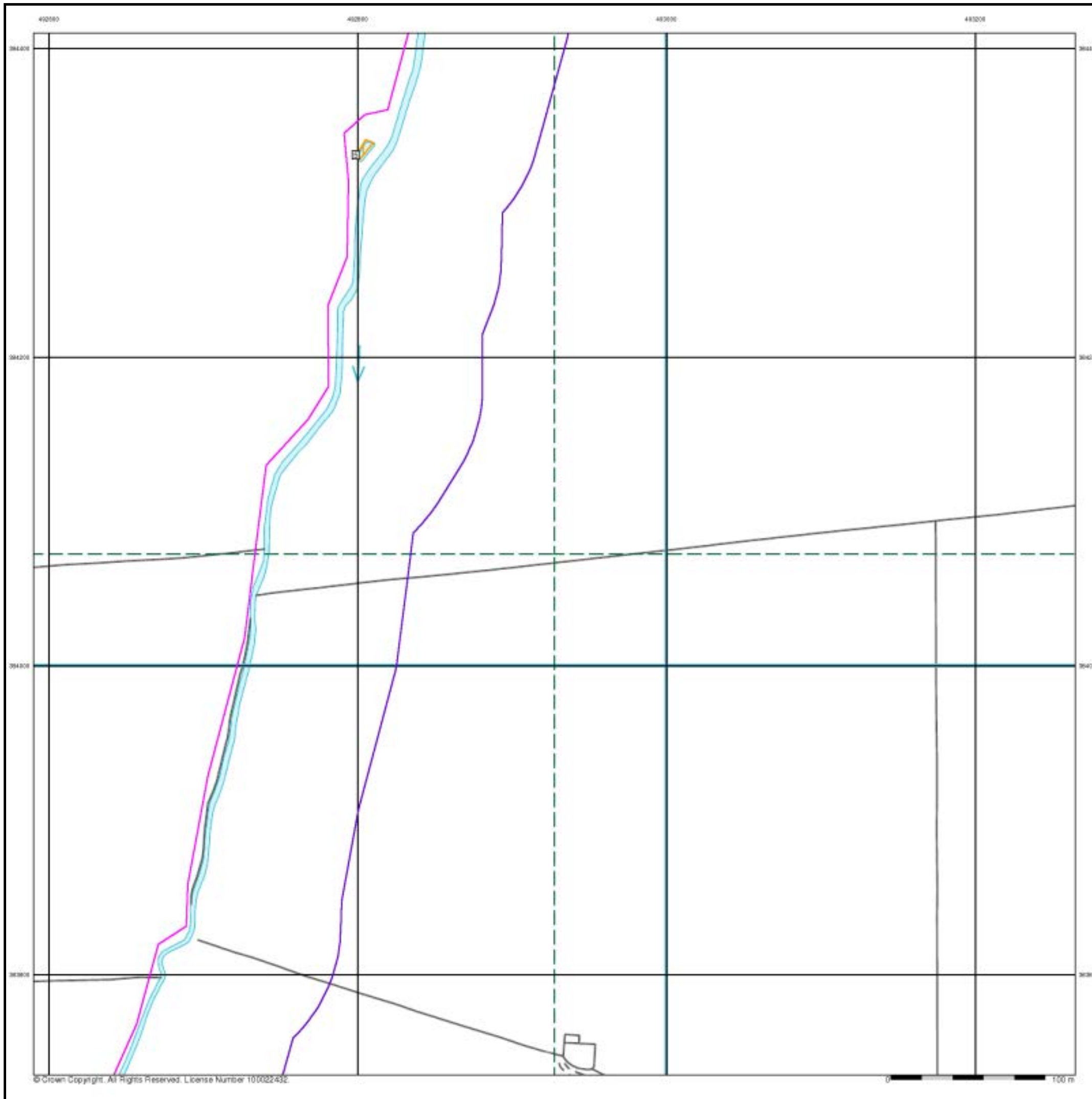


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

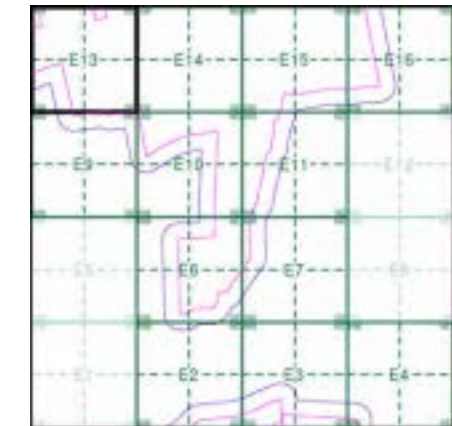
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment E13



#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details






Cottam 1




















### Historical Land Use Information (1:2,500)

#### General

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

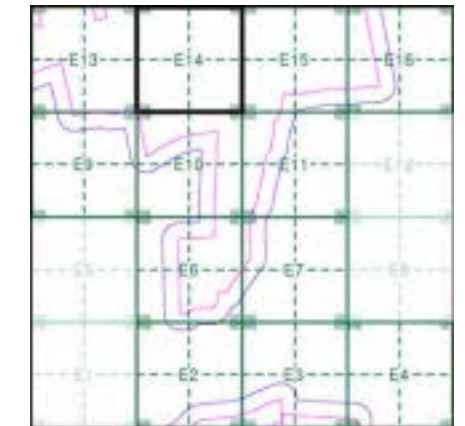
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features			

#### Mining and Ground Stability - Segment E14

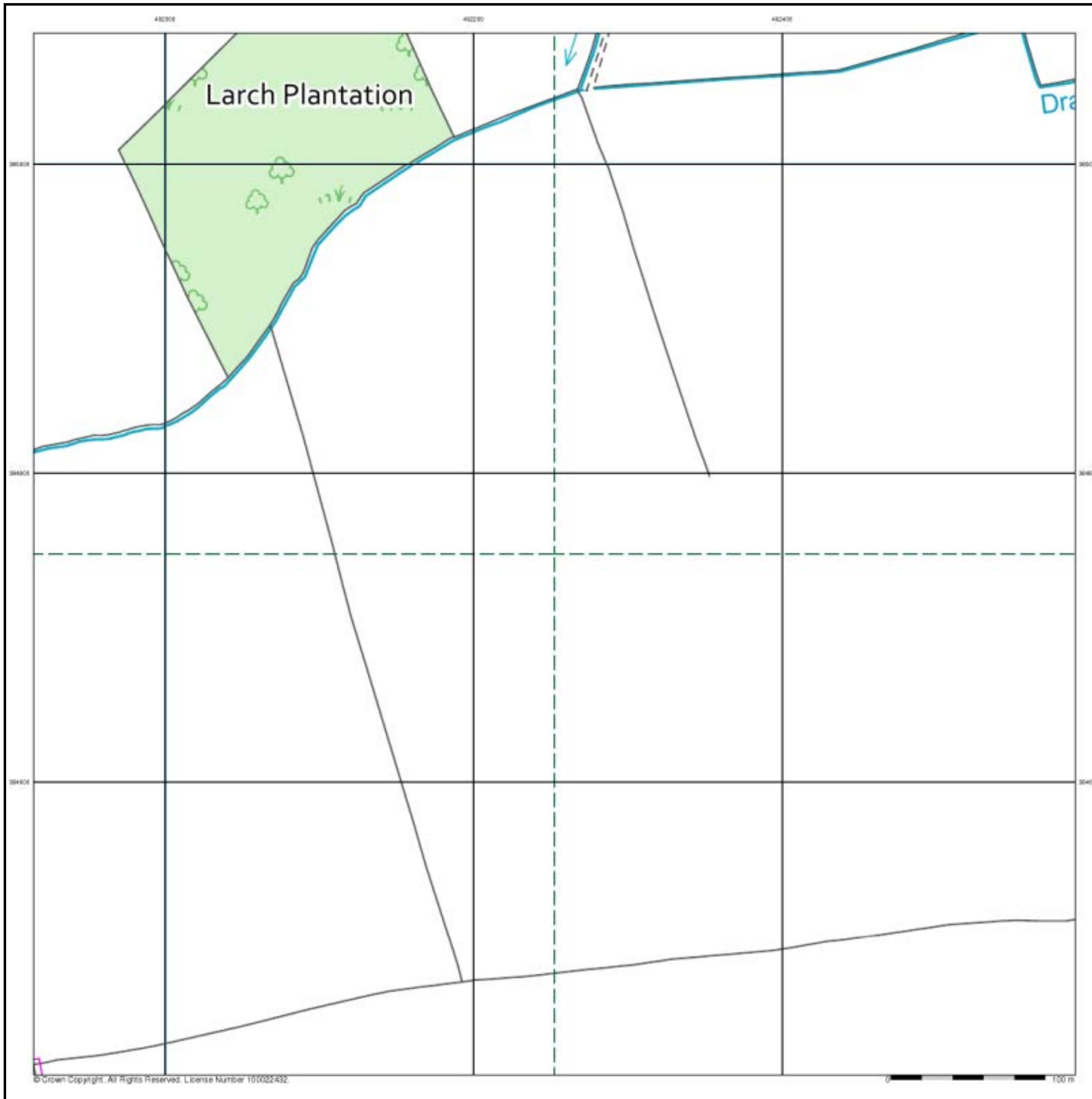


#### Order Details






Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details
















Cottam 1



#### General

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

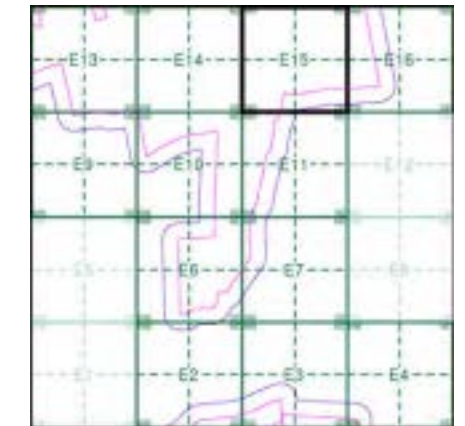
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features			

#### Mining and Ground Stability - Segment E15

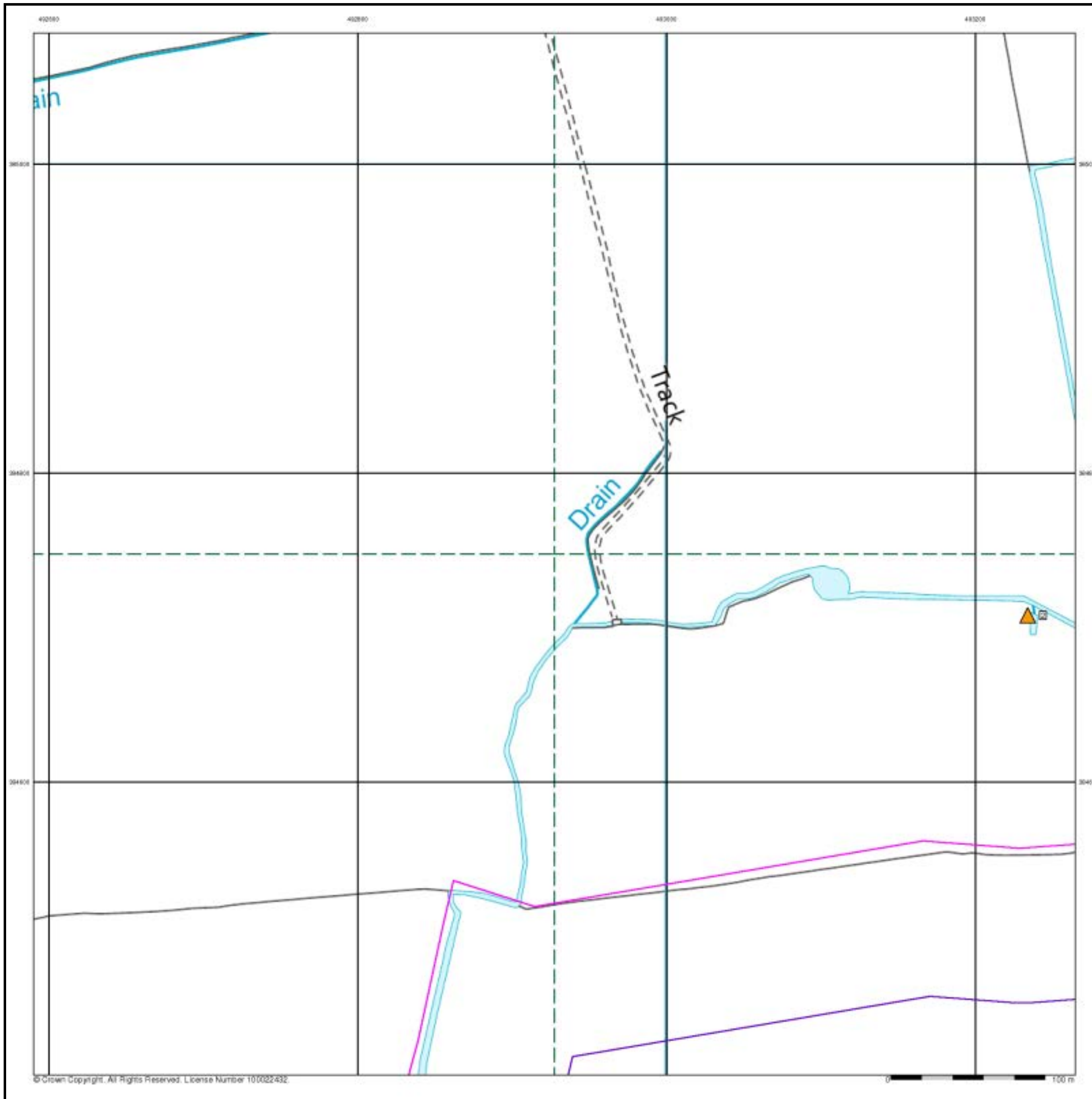


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

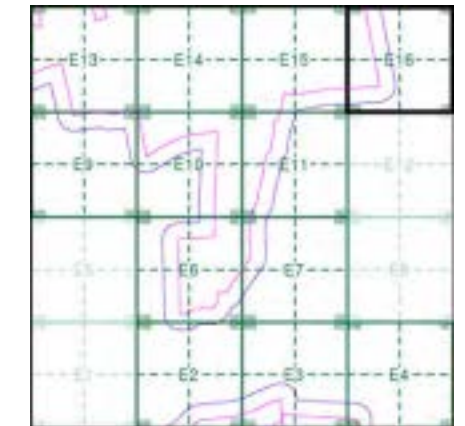
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment E16

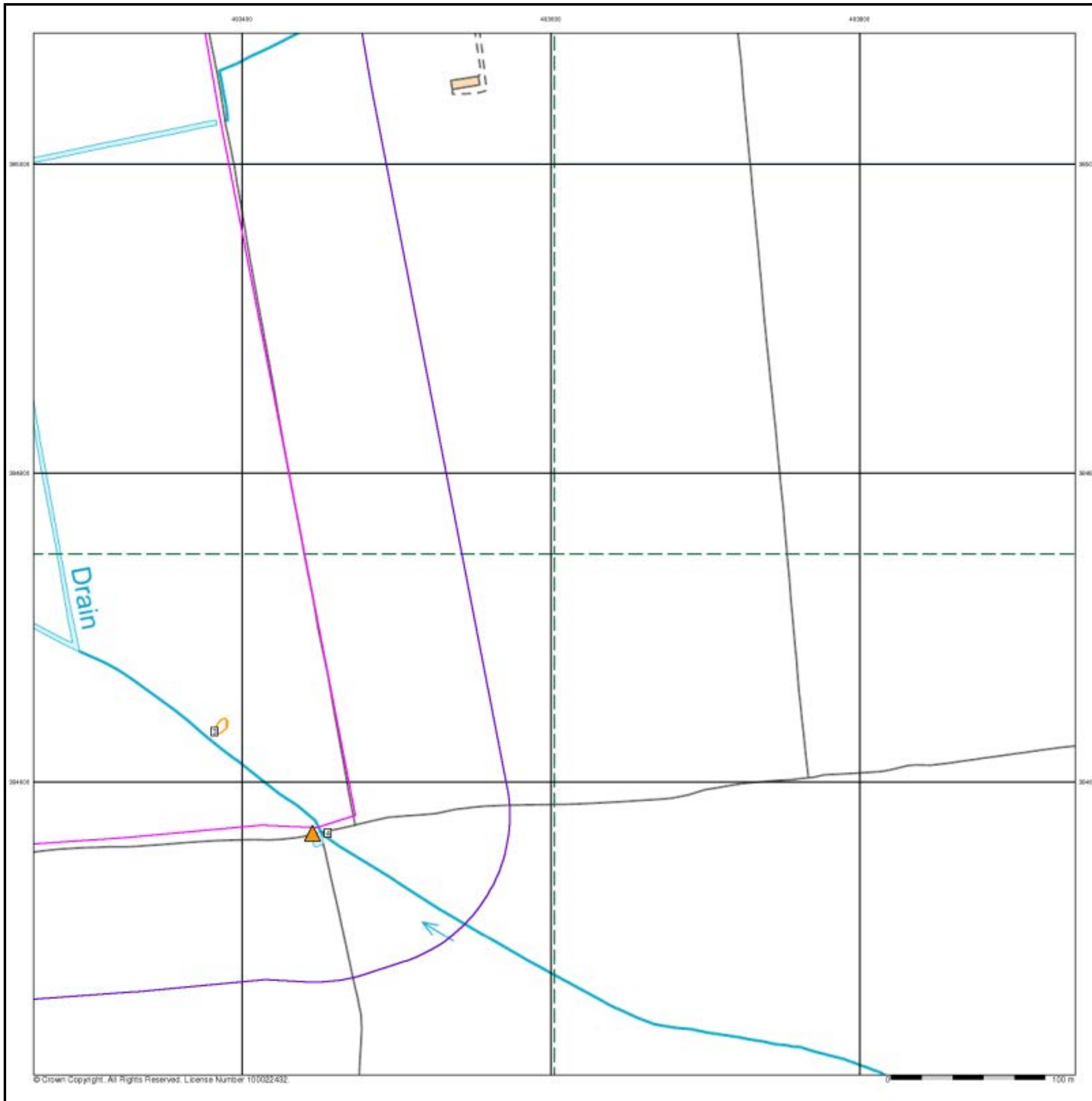


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100



#### Site Details

Cottam 1





## Geology 1:50,000 Maps Legends

### Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MRB	Marlstone Rock Formation	Ferruginous Limestone and Ferruginous Sandstone	Not Supplied - Pliensbachian
	CHAM	Chamouth Mudstone Formation	Mudstone	Not Supplied - Sinemurian



### Geology 1:50,000 Maps

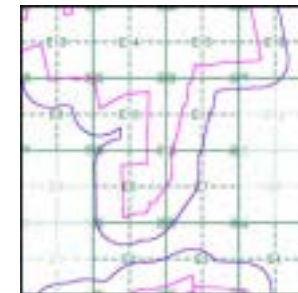
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:	102
Map Name:	Market Rasen
Map Date:	1999
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Not Available
Faults:	Not Supplied
Landslip:	Not Available
Rock Segments:	Not Supplied

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

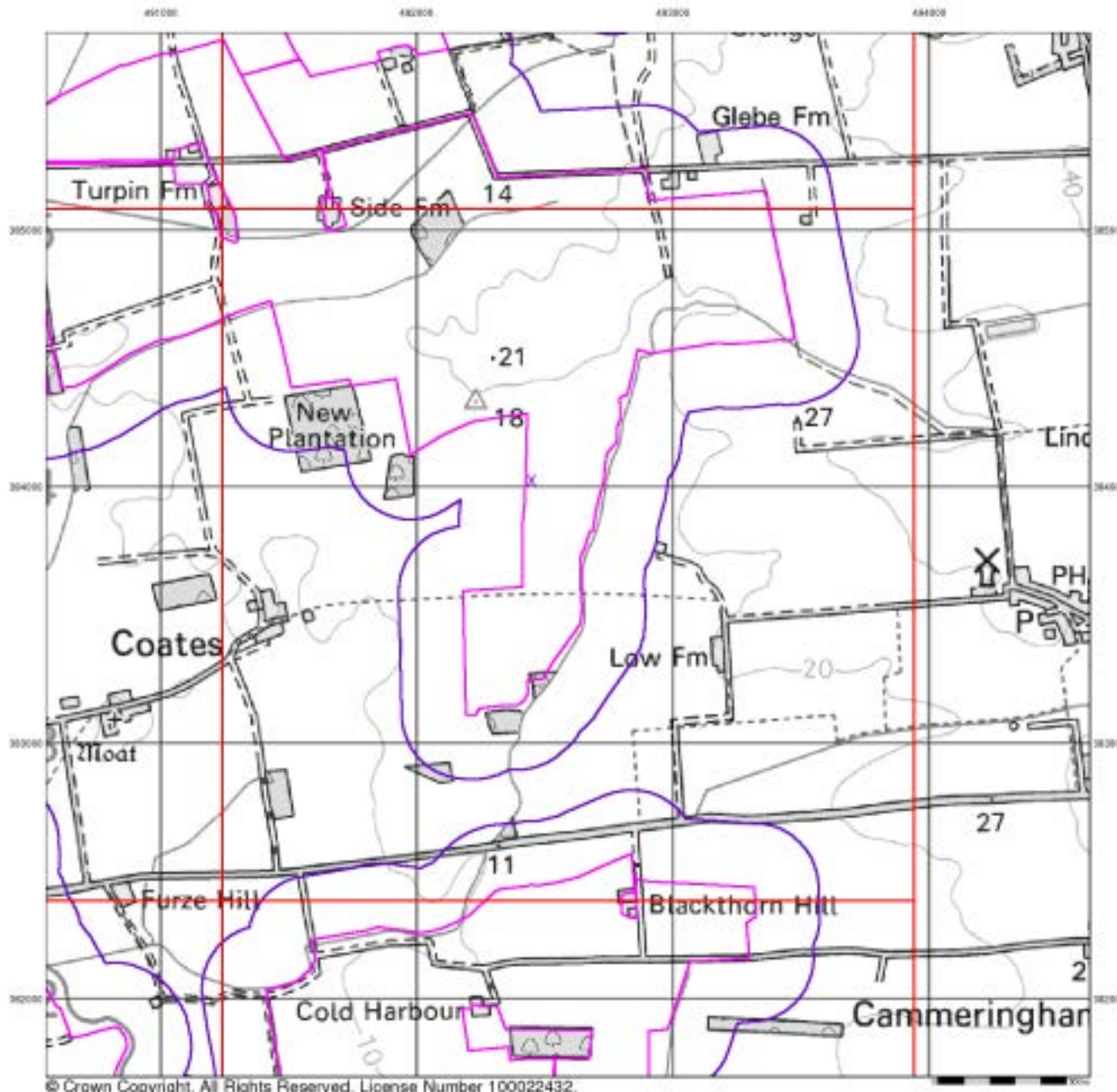


### Order Details:

Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	492450, 384020
Slice:	E
Site Area (Ha):	884.45
Search Buffer (m):	250

### Site Details:

Cottam 1



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### Artificial Ground and Landslip

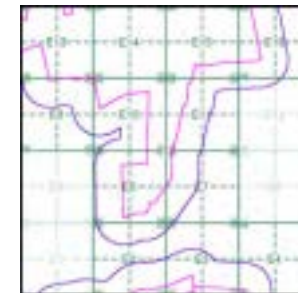
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



#### Order Details:

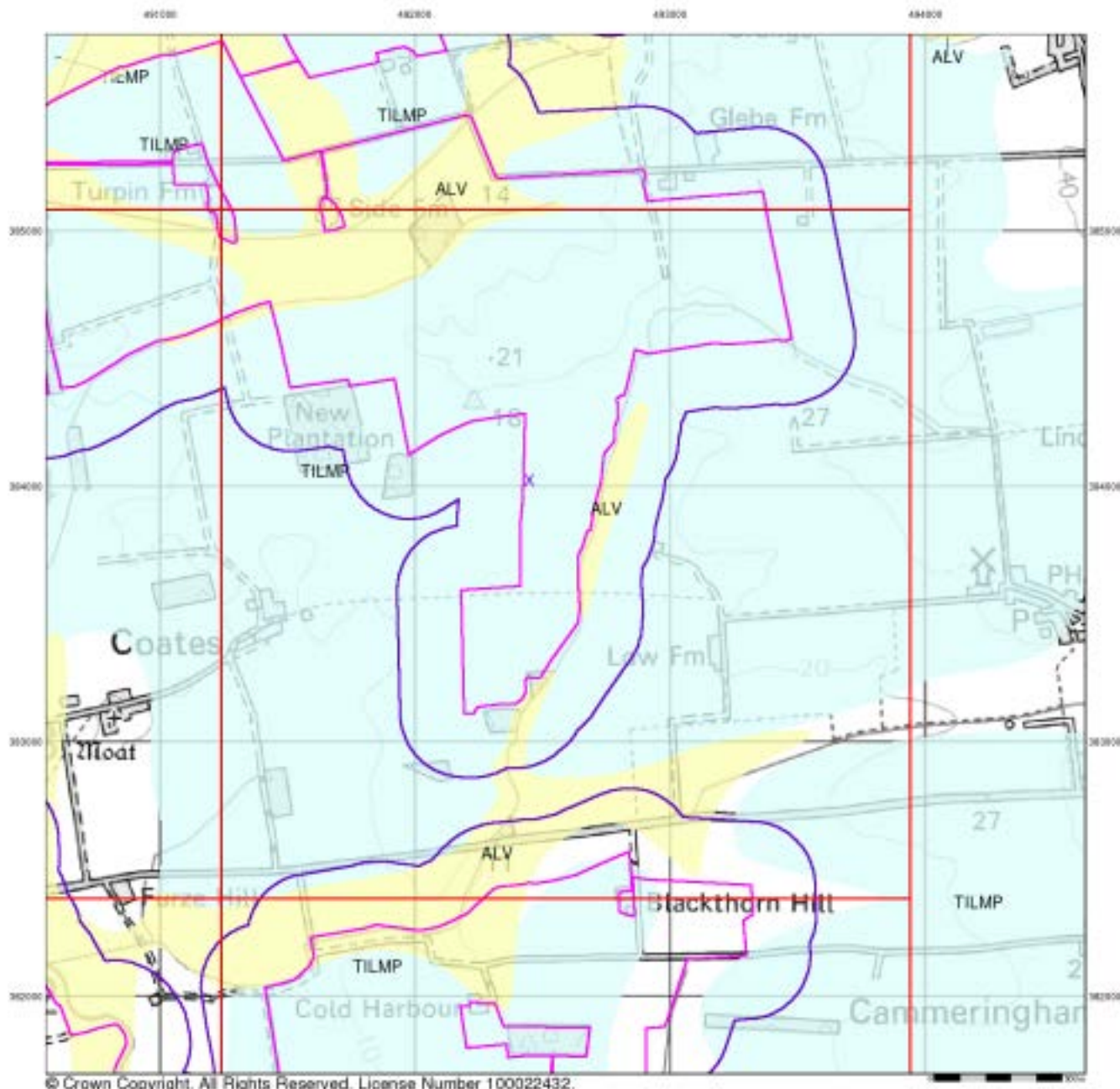
Order Number: 287330989\_1\_1  
 Customer Reference: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

#### Site Details:

Cottam 1



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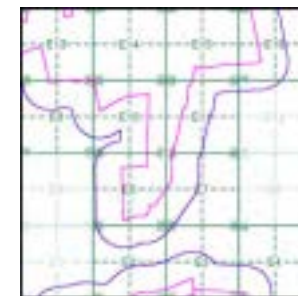
### Superficial Geology

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 E



### Order Details:

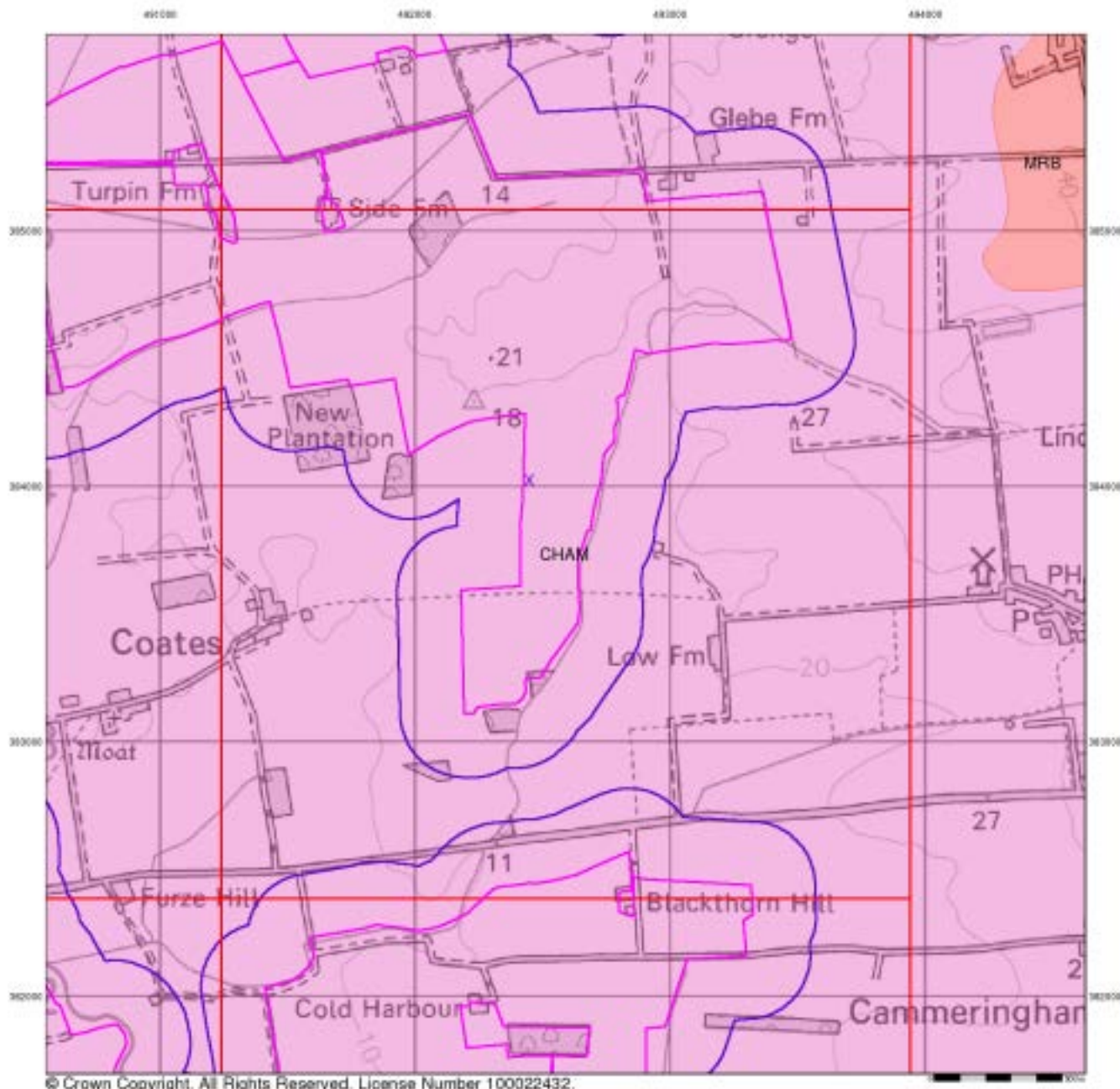
Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	492450, 384020
Slice:	E
Site Area (Ha):	884.45
Search Buffer (m):	250

### Site Details:

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### Bedrock and Faults

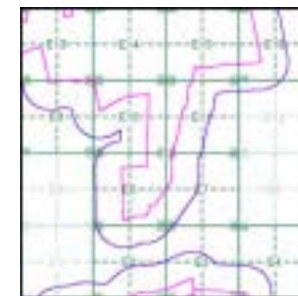
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

### Bedrock and Faults Map - Slice E



### Order Details:

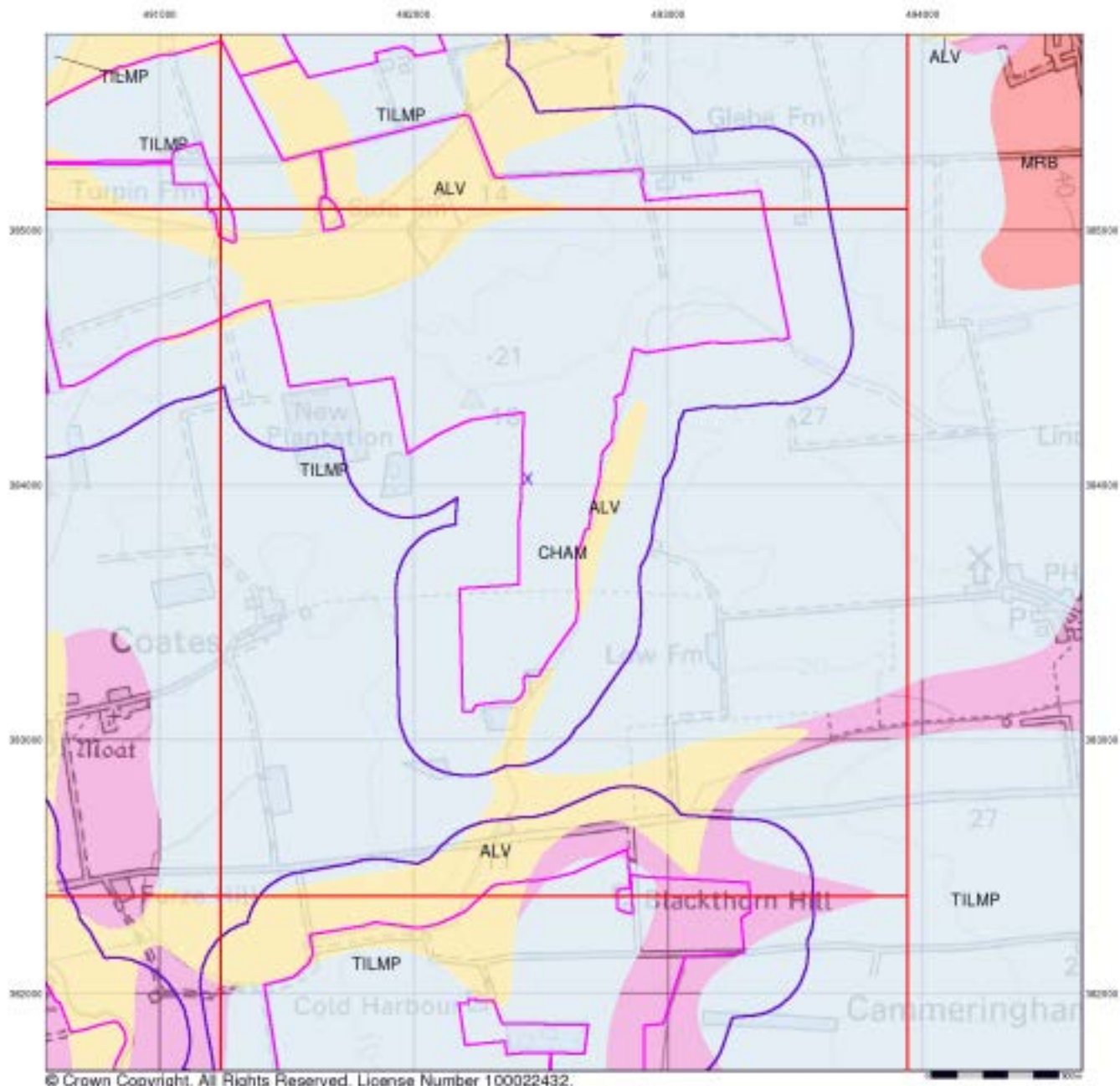
Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	492450, 384020
Slice:	E
Site Area (Ha):	884.45
Search Buffer (m):	250

### Site Details:

Cottam 1



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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.

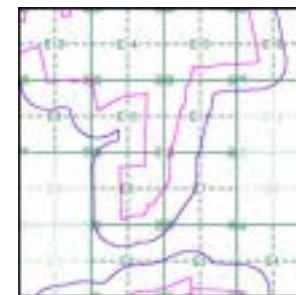
### Additional Information

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 E



### Order Details:

Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	492450, 384020
Slice:	E
Site Area (Ha):	884.45
Search Buffer (m):	250

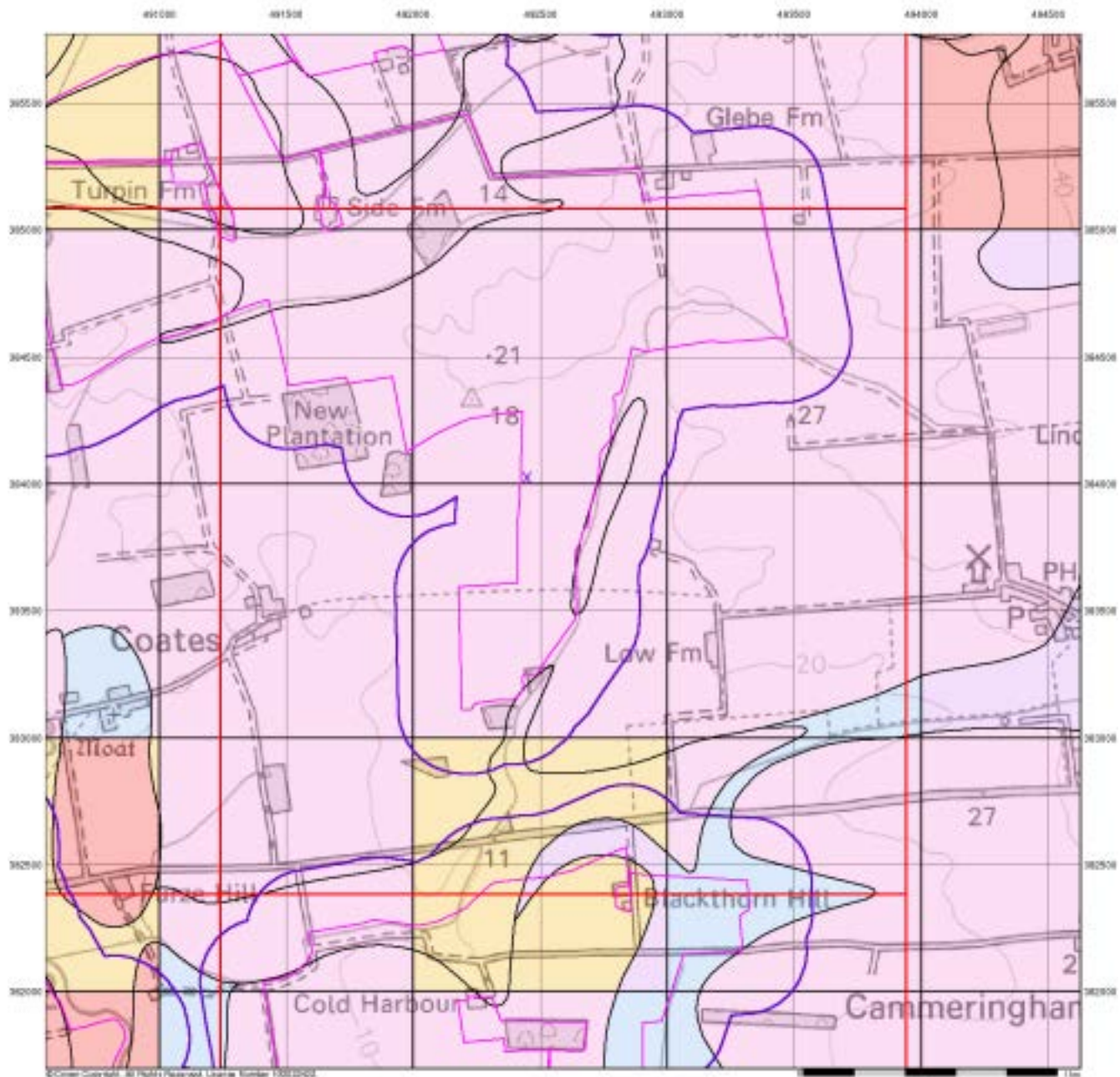
### Site Details:

Cottam 1



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 Web: www.envirocheck.co.uk





## Groundwater Vulnerability

### General

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

### Agency and Hydrological

#### Bedrock Aquifers

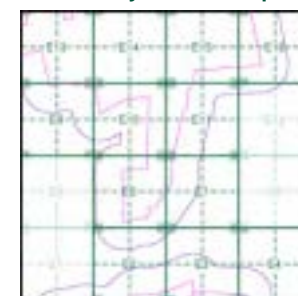
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

#### Superficial Aquifers

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

- Unproductive Aquifer
- Soluble Rock

### Site Sensitivity Context Map - Slice E



### Order Details

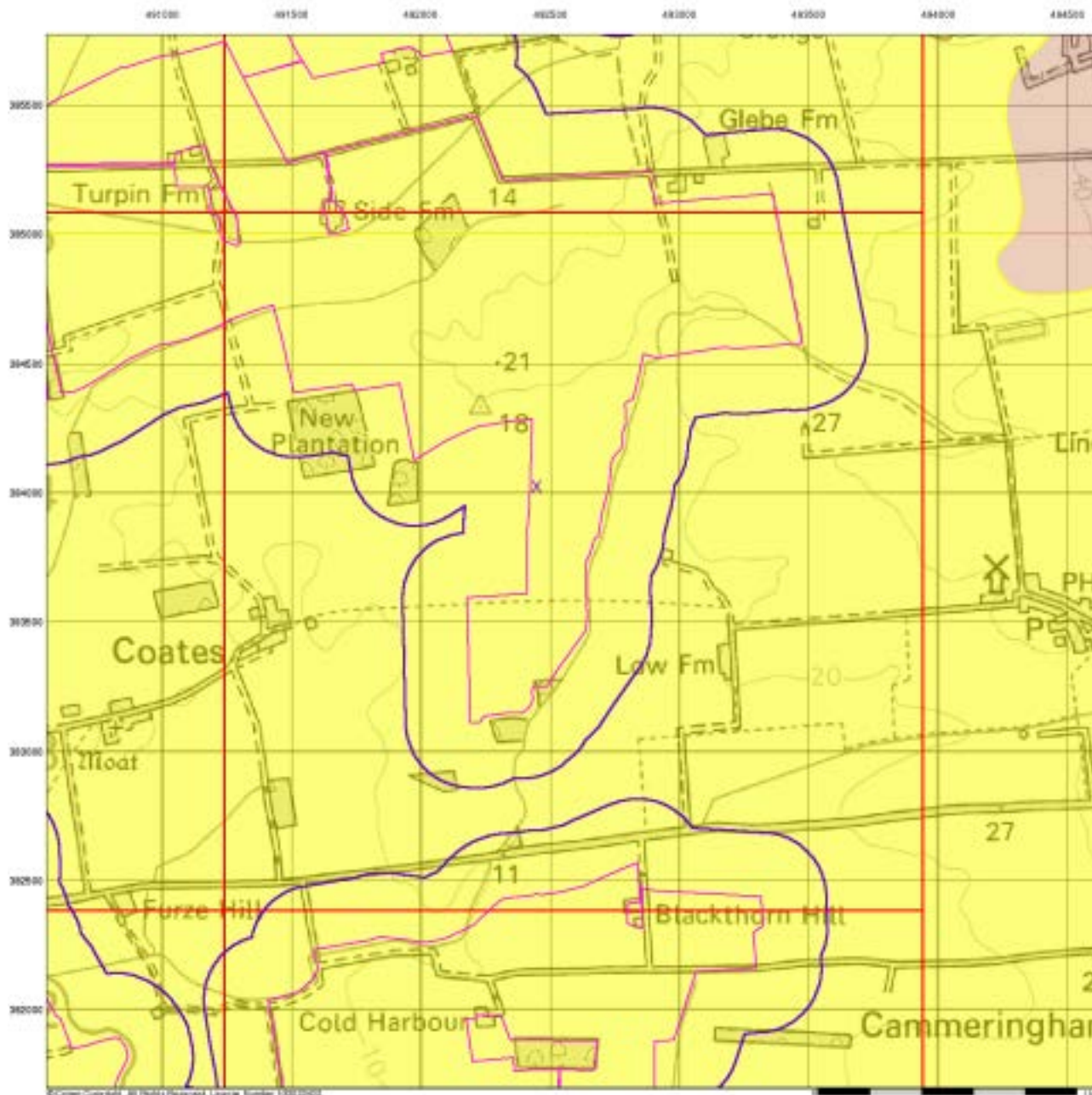
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Bedrock Aquifer Designation

### General

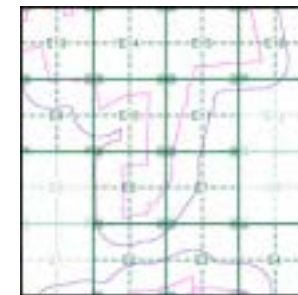
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

### 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 E



### Order Details

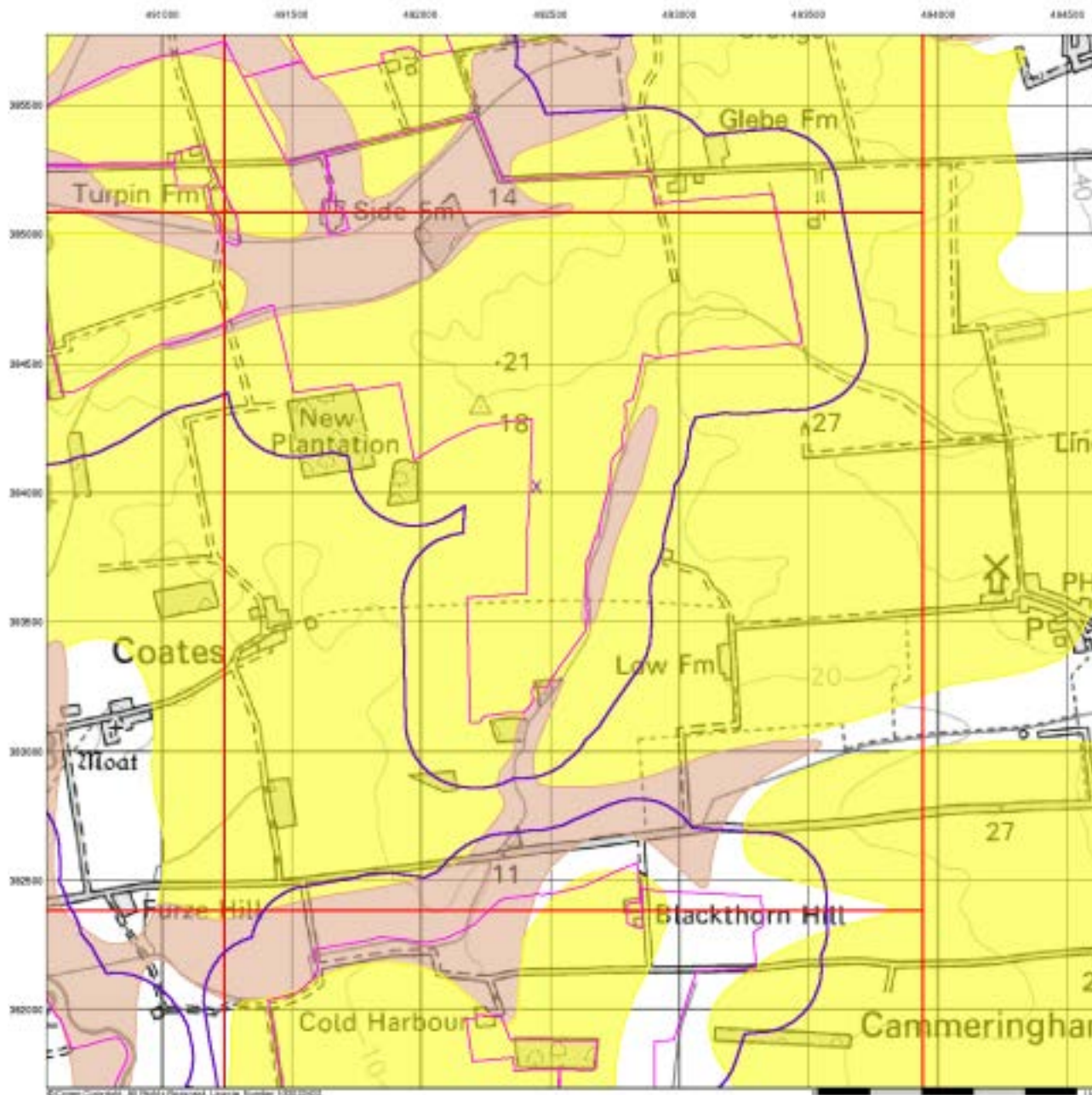
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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 Fax: 0844 844 9951  
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## Superficial Aquifer Designation

### General

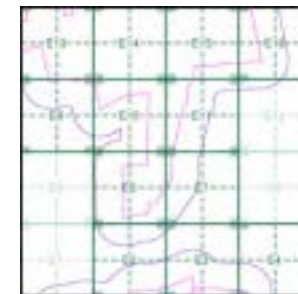
- ▭ Specified Site
- ▭ Specified Buffer(s)
- ▭ Slice
- B Map ID
- X Bearing Reference Point

### 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 E



### Order Details

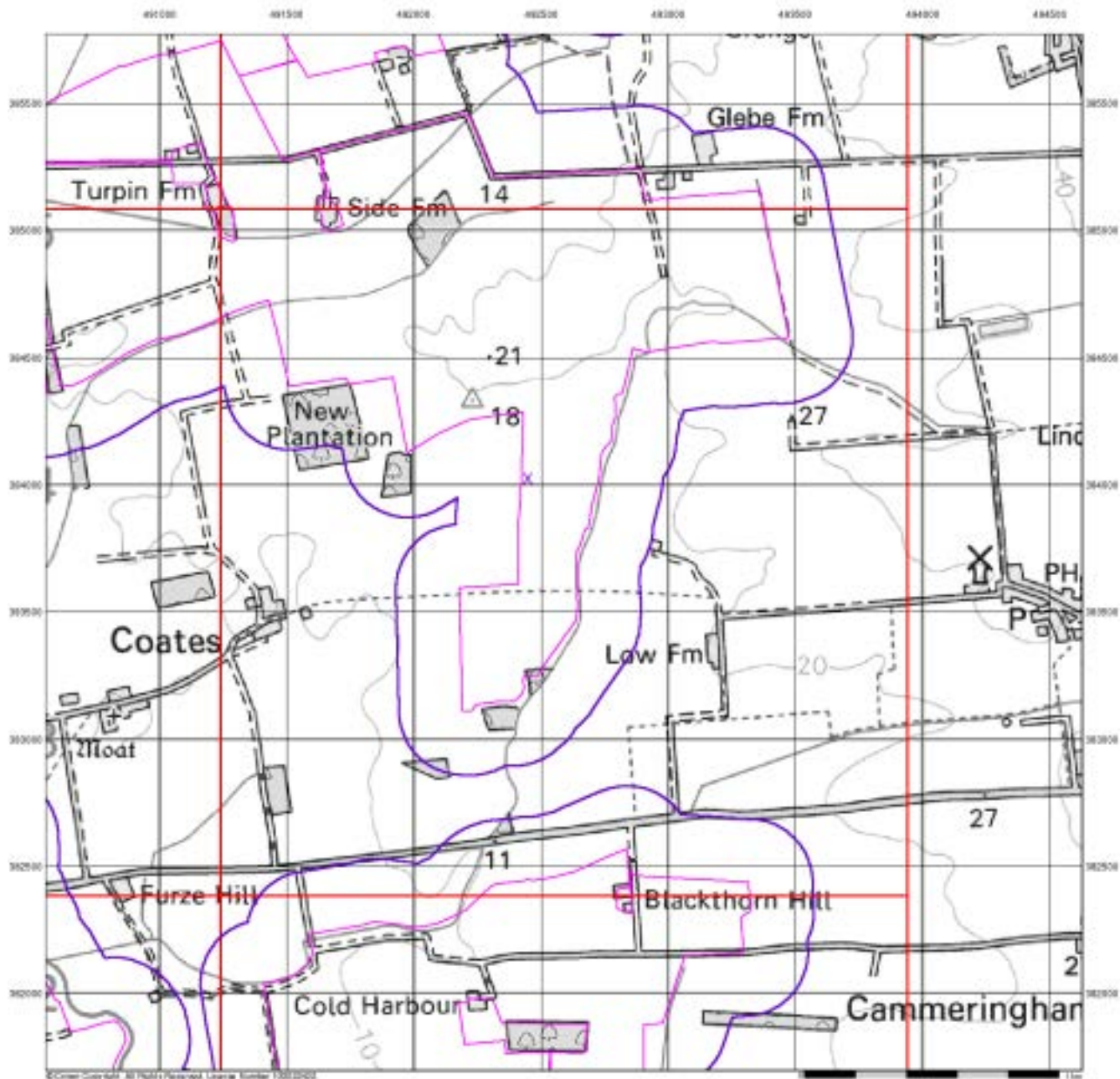
Order Number:	287330989_1_1
Customer Ref:	21-1088.02
National Grid Reference:	492450, 384020
Slice:	E
Site Area (Ha):	884.45
Search Buffer (m):	250

### Site Details

Cottam 1



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## Source Protection Zones

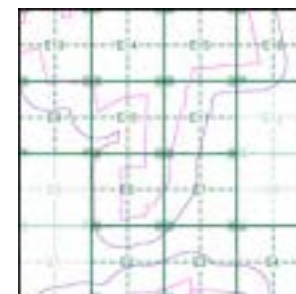
### General

- ◊ Specified Site
- ◊ Specified Buffer(s)
- X 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 E



### Order Details

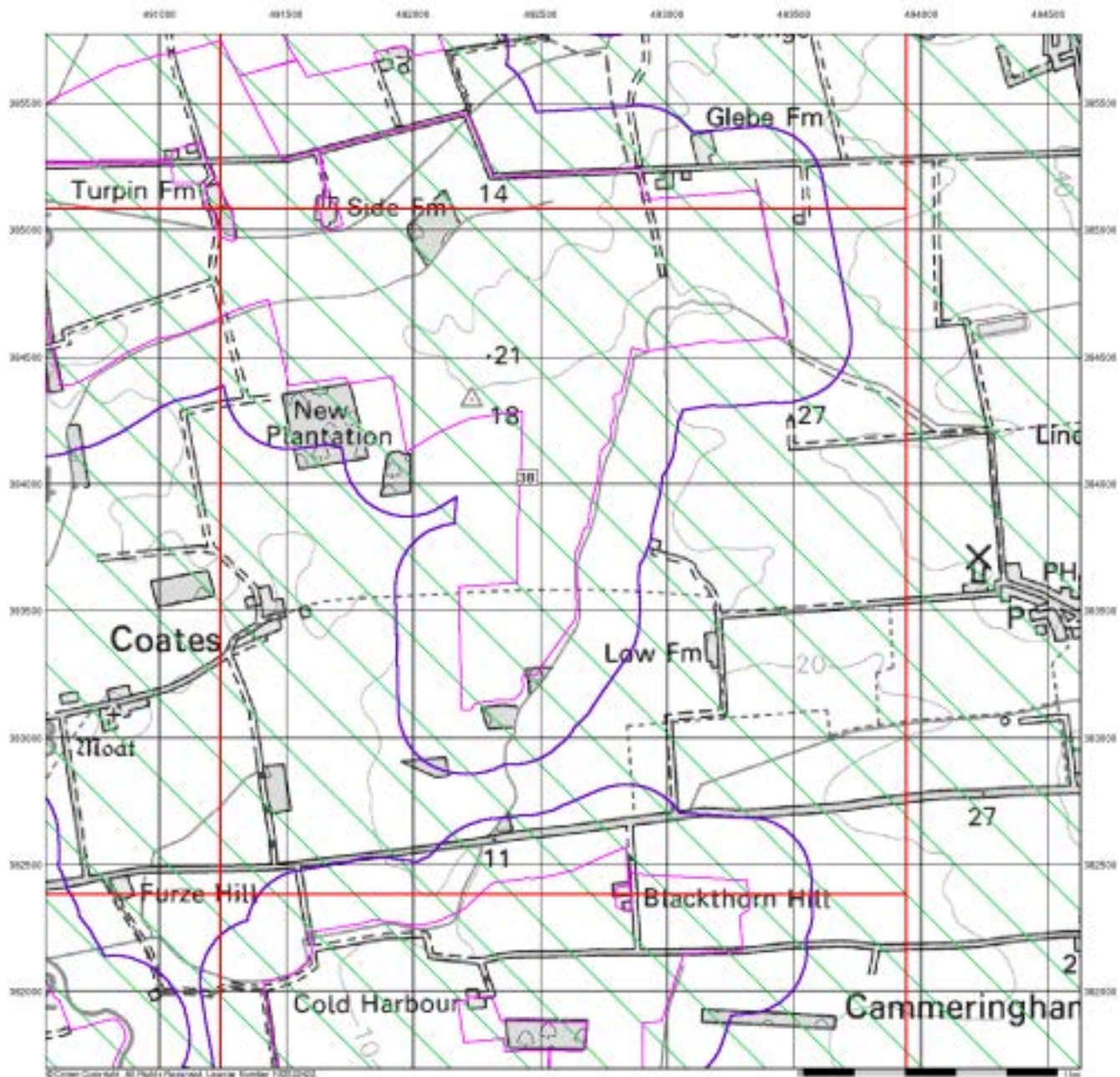
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Sensitive Land Uses

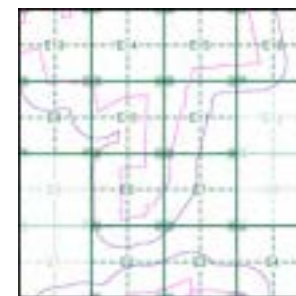
### General

- ▭ 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 E



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

287330989\_1\_1

**Customer Reference:**

21-1088.02

**National Grid Reference:**

490790, 385540

**Slice:**

F

**Site Area (Ha):**

884.45

**Search Buffer (m):**

250

#### Site Details:

Cottam 1

#### Client Details:

Mr A Howells  
Delta Simons  
3 Henley Office Park  
Doddington Road  
Lincoln  
LN6 3QR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	11
Hazardous Substances	-
Geological	12
Industrial Land Use	-
Sensitive Land Use	14
Data Currency	15
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## Introduction

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

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## Report Version v53.0

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Agency &amp; Hydrological</b>			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents			
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 2	Yes	
Pollution Incidents to Controlled Waters			
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality			
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 2	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Groundwater Vulnerability - Local Information			n/a
Bedrock Aquifer Designations	pg 7	Yes	n/a
Superficial Aquifer Designations	pg 7	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 8	Yes	
Flooding from Rivers or Sea without Defences	pg 8	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 8	4	10



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Waste</b>			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 11	2	n/a
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
<b>Hazardous Substances</b>			
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 (*up to 500m)
<b>Geological</b>			
BGS 1:625,000 Solid Geology	pg 12	Yes	n/a
BGS Estimated Soil Chemistry	pg 12	Yes	
BGS Recorded Mineral Sites			
BGS Urban Soil Chemistry			
BGS Urban Soil Chemistry Averages			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 12	Yes	Yes
Potential for Compressible Ground Stability Hazards	pg 12	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 12	Yes	
Potential for Running Sand Ground Stability Hazards	pg 12	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 13	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a
<b>Industrial Land Use</b>			
Contemporary Trade Directory Entries			
Fuel Station Entries			
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			
Gas Pipelines			
Underground Electrical Cables			

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Sensitive Land Use</b>			
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 14	1	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	489800 384400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	489750 385000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	489150 385000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	491700 385950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	488800 384400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	491900 384550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	491750 384600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	491500 385900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	489450 384900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	490600 384900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	491800 386000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	F4NW (N)	0	1	490789 385545
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	490000 384300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	490789 385000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	8	1	490200 384500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	21	1	489700 384550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	21	1	490000 384950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	33	1	490150 384950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	200	1	487850 385000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	208	1	490100 384950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	221	1	490100 384900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F3SW (SW)	227	1	490100 385250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Nearest Surface Water Feature</b>	F3SE (SW)	0	-	490496 385121
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High 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: <90% Patchiness: Superficial <3m Thickness: Superficial No Data Recharge:	(SW)	0	2	490000 385000
	<b>Groundwater Vulnerability Map</b> 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: <90% Patchiness: Superficial <3m Thickness: Superficial Low Recharge:	(S)	0	2	490789 385000
	<b>Groundwater Vulnerability Map</b> 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: <90% Patchiness: Superficial <3m Thickness: Superficial Low Recharge:	(S)	0	2	490883 385000
	<b>Groundwater Vulnerability Map</b> 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: <90% Patchiness: Superficial <3m Thickness: Superficial Low Recharge:	(SW)	0	2	490387 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	(SW)	0	2	490356 384912
	<p><b>Groundwater Vulnerability Map</b></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: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &lt;90%            Superficial Thickness: &lt;3m            Superficial Recharge: Low</p>	(SW)	0	2	490350 385000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: Low</p>	(SE)	0	2	491320 385000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: Low</p>	(S)	0	2	491000 384962

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	F4NW (N)	0	2	490789 385545
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	(S)	0	2	490692 385081
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	F4NW (NW)	0	2	490772 385584
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	F3SE (SW)	0	2	490328 385270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	F4NE (E)	0	2	491000 385545
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	(NE)	0	2	491378 385860
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	F4NE (NE)	0	2	491000 385682
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	F4SE (SE)	0	2	491000 385086



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	(NE)	0	2	491342 386000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	(S)	0	2	491000 385000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	F8SE (NE)	0	2	491000 386000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</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: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	(SW)	0	2	490000 384329

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> 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: <3m Superficial Recharge: Low	(SW)	0	2	490207 384417
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(W)	0	2	489000 385000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SW)	0	2	489816 385000
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(S)	0	2	490789 385000
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	F4NW (N)	0	2	490789 385545
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	(SW)	0	2	490000 385000
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	(SW)	0	2	490350 385000
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	F3NE (W)	0	2	490308 385498
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(S)	0	2	490789 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(S)	0	2	490692 385081
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(SW)	0	2	490000 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	F4NW (NW)	0	2	490608 385668
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(SE)	0	2	491320 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	F4NW (N)	0	2	490789 385545
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	(SW)	0	2	490207 384417
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	(SW)	0	2	490000 384329
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	(S)	0	2	490883 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	(SW)	0	2	490387 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	F4NW (NW)	0	2	490772 385584
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	F4NW (NE)	0	3	490880 385615
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	F4NW (NW)	0	3	490665 385645
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
1	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2066.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	(S)	0	4	490706 385084
2	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 528.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F4NW (NW)	0	4	490760 385602
3	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 704.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F4NE (NE)	0	4	491056 385695
4	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 436.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F4NE (E)	0	4	491075 385634

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 445.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F4NW (W)	2	4	490568 385507
6	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 750.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F4NW (NW)	2	4	490630 385627
7	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 167.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F3SE (SW)	6	4	490323 385164
8	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 752.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F8NE (N)	9	4	491089 386301
9	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 347.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F3SE (SW)	19	4	490315 385173
10	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F3SE (SW)	19	4	490313 385180
11	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 481.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F3SE (SW)	25	4	490313 385180
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 301.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F3NE (W)	55	4	490431 385503
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 272.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F8NE (N)	195	4	491089 386301

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 338.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F8NW (N)	202	4	490759 386227

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: West Lindsey District Council - Has no landfill data to supply		0	5	490789 385545
	<b>Local Authority Landfill Coverage</b> Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	490789 385545

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Lias Group	F4NW (N)	0	1	490789 385545
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	F4NW (N)	0	1	490789 385545
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F4NW (NW)	0	1	490772 385584
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4NW (N)	0	1	490789 385545
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4NW (NW)	0	1	490608 385668
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490692 385081
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F3SW (SW)	109	1	490196 385212
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F4NW (N)	0	1	490789 385545
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F4NW (NW)	0	1	490608 385668
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490692 385081
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	F4NW (NW)	0	1	490772 385584
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F3SW (SW)	109	1	490196 385212
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F4NW (N)	0	1	490789 385545
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4NW (N)	0	1	490789 385545
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4NW (N)	0	1	490789 385545

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490692 385081
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4NW (NW)	0	1	490608 385668
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	F4NW (NW)	0	1	490772 385584
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F3SW (SW)	109	1	490196 385212
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	F4NW (N)	0	1	490789 385545
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4NW (NW)	0	1	490772 385584
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4SE (S)	0	1	490929 385098
	<b>Radon Potential - Radon Affected Areas</b> 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	F4NW (N)	0	1	490789 385545
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	F4NW (N)	0	1	490789 385545



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<b>Nitrate Vulnerable Zones</b> Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	F4NW (N)	0	2	490789 385545

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	June 2020 September 2017	Annually Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Anglian Region	March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - Anglian Region	January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Anglian Region	July 2021	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> West Lindsey District Council - Environmental Health Department	November 2014	Variable
<b>Local Authority Pollution Prevention and Controls</b> West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> West Lindsey District Council - Environmental Health Department	November 2014	Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	August 2021	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Midlands Region Environment Agency - Anglian Region	December 1999 September 1999	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Anglian Region	July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Anglian Region	March 2013	
<b>Registered Radioactive Substances</b> Environment Agency - Anglian Region	June 2016	Annually
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Water Abstractions</b> Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region	October 2017	Quarterly
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Source Protection Zones</b> Environment Agency - Head Office	May 2021	Bi-Annually

Agency & Hydrological	Version	Update Cycle
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	July 2021	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	February 2016	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	May 2021	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Anglian Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Local Authority Landfill Coverage</b> Lincolnshire County Council West Lindsey District Council - Environmental Health Department	February 2003 February 2003	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Lincolnshire County Council West Lindsey District Council - Environmental Health Department	October 2018 October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Anglian Region - Northern Area	April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Anglian Region - Northern Area	June 2015	

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2010 February 2016	Variable Variable
<b>Planning Hazardous Substance Consents</b> Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2007 February 2016	Variable Variable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

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

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	February 2021	Bi-Annually
<b>Areas of Adopted Green Belt</b> West Lindsey District Council	October 2020	Quarterly
<b>Areas of Unadopted Green Belt</b> West Lindsey District Council	October 2020	Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	January 2021	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	February 2021	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Nature Reserves</b> Natural England	January 2021	Bi-Annually
<b>National Parks</b> Natural England	February 2018	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2016	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
<b>Ramsar Sites</b> Natural England	August 2020	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	February 2021	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	July 2020	Bi-Annually
<b>Special Protection Areas</b> Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
3	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>West Lindsey District Council - Environmental Health Department</b> The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	<b>Lincolnshire County Council</b> 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



## Historical Land Use Information (1:10,000)

### General

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

### Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

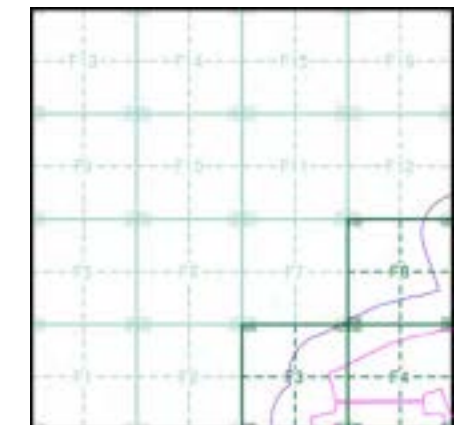
### Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

### Mining Data

- Potential Mining Area
- BGS Recorded Mineral Site

### Mining and Ground Stability - Slice F



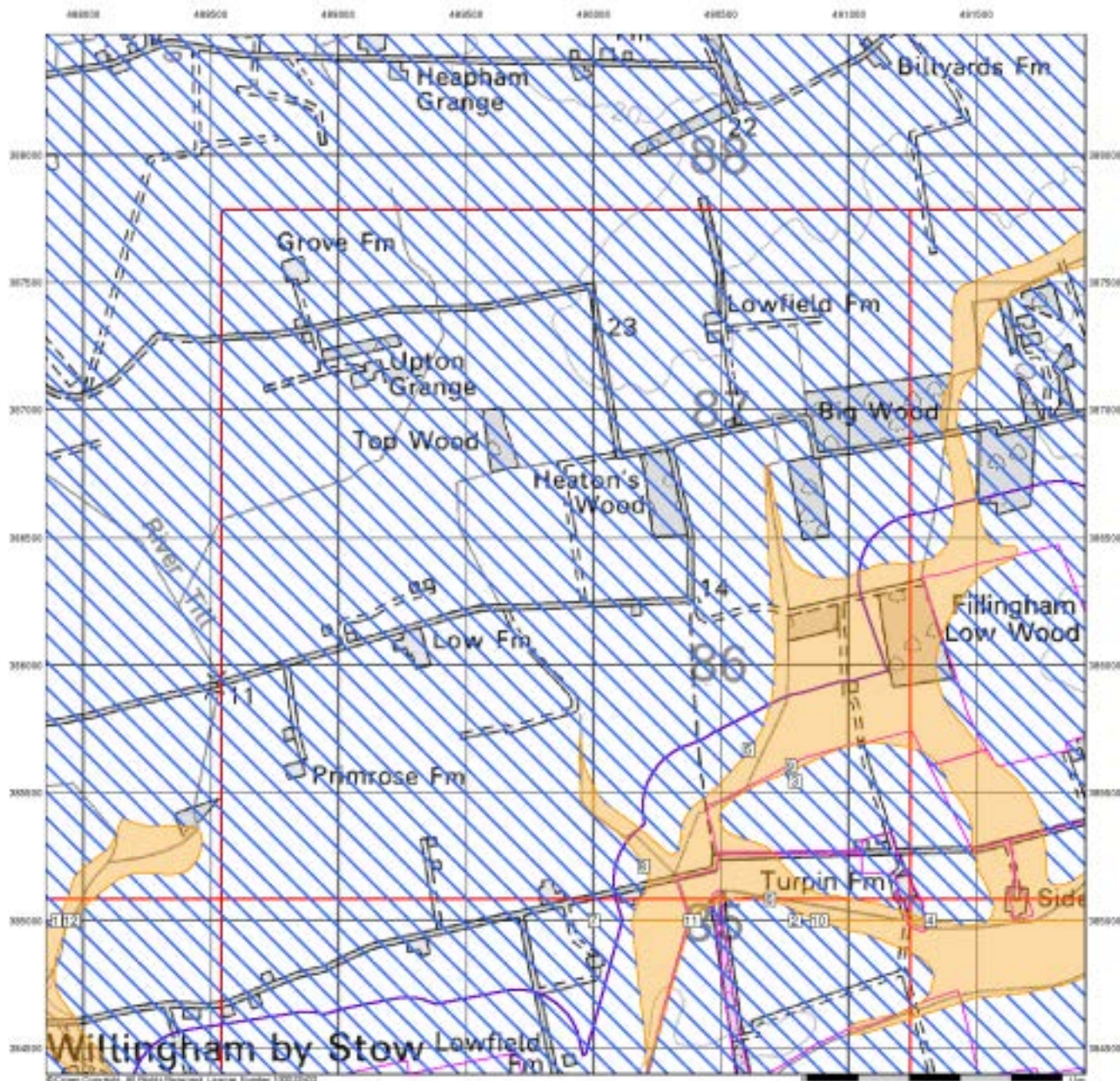
### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1





## Ground Stability Data (1:50,000)

### General

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

### Potential for Compressible Ground Stability Hazards

- ▭ High
- ▭ Low
- ▭ Moderate
- ▭ Very Low

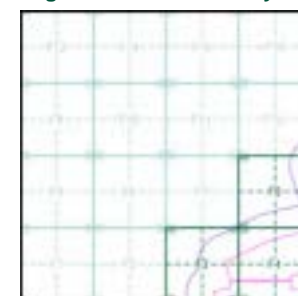
### Potential for Collapsible Ground Stability Hazards

- ▭ High
- ▭ Low
- ▭ Moderate
- ▭ Very Low

### Brine Pumping and Salt Mining

- |                               | Point                                | Polygon                              |
|-------------------------------|--------------------------------------|--------------------------------------|
| Brine Pumping Related Feature | <span style="color: green;">▲</span> | <span style="color: green;">▭</span> |
| Salt Mining Related Feature   | <span style="color: blue;">▲</span>  | <span style="color: blue;">▭</span>  |

### Mining and Ground Stability - Slice F



### Order Details

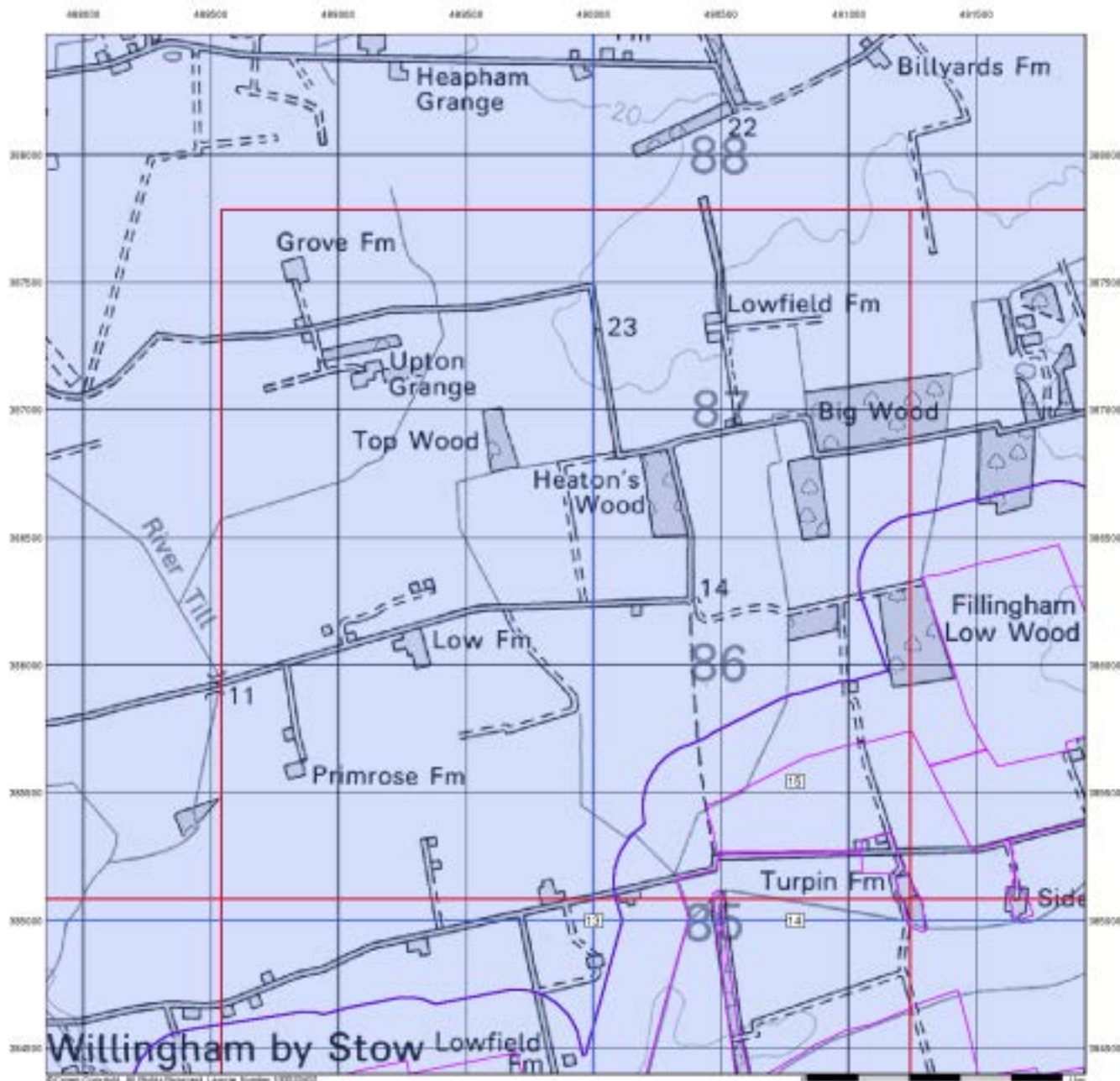
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Ground Stability Data (1:50,000)

### General

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

### Potential for Landslide Ground Stability Hazards

- ▭ High
- ▭ Low
- ▭ Moderate
- ▭ Very Low

### Potential for Ground Dissolution Stability Hazards

- ▭ High
- ▭ Low
- ▭ Moderate
- ▭ Very Low

### Mining and Ground Stability - Slice F



### Order Details

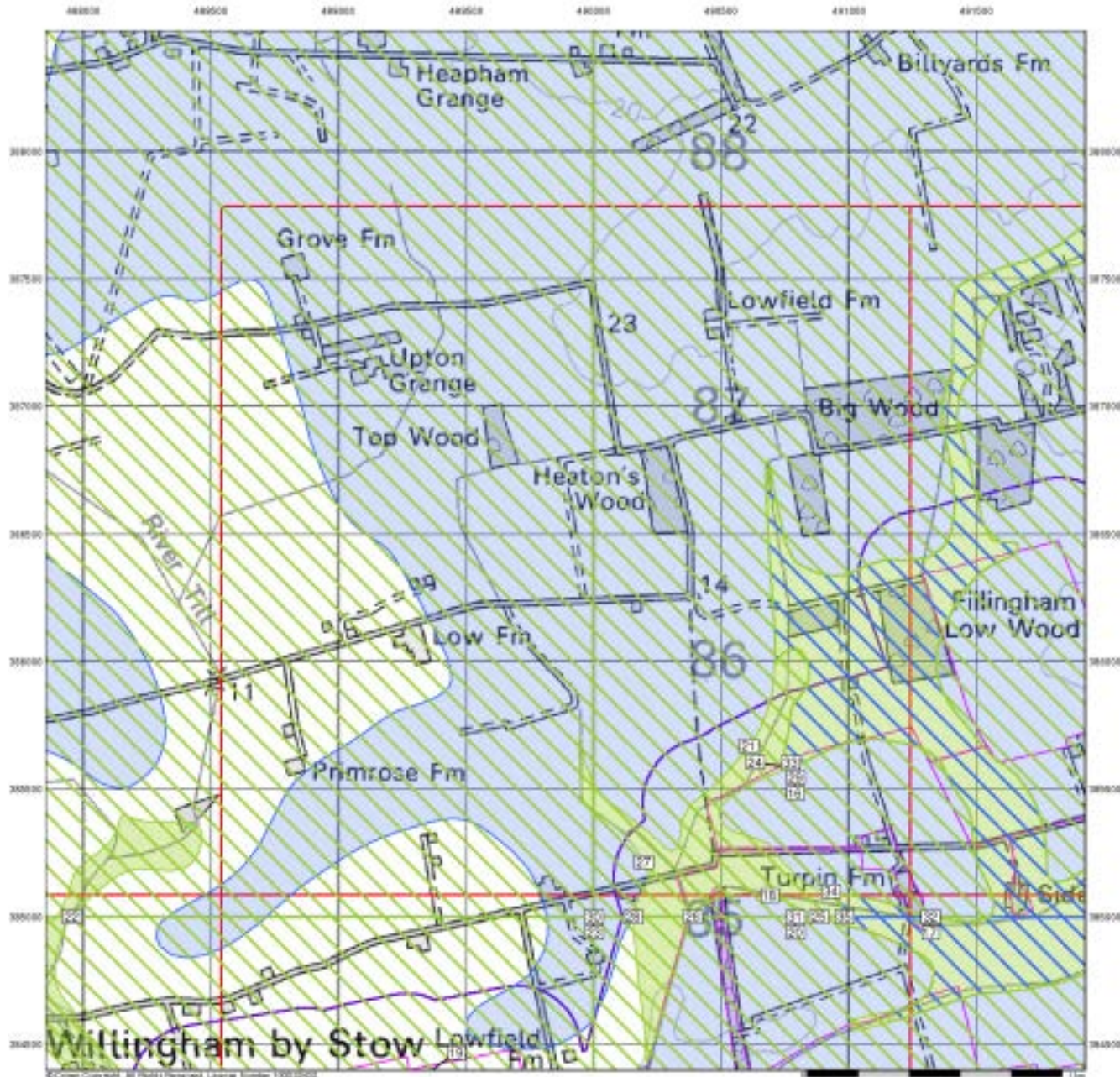
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Ground Stability Data (1:50,000)

### General

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

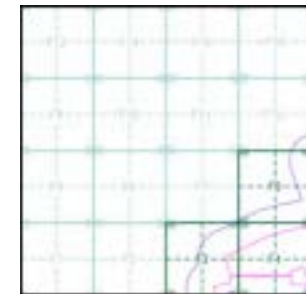
### Potential for Running Sand Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

### Mining and Ground Stability - Slice F



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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

## Envirocheck<sup>®</sup> Report:

### Mining and Ground Stability Datasheet

#### Order Details:

**Order Number:**

287330989\_1\_1

**Customer Reference:**

21-1088.02

**National Grid Reference:**

490790, 385540

**Slice:**

F

**Site Area (Ha):**

884.45

**Search Buffer (m):**

250

#### Site Details:

Cottam 1

#### Client Details:

Mr A Howells  
Delta Simons  
3 Henley Office Park  
Doddington Road  
Lincoln  
LN6 3QR

Report Section and Details	Page Number
<b>Summary</b>	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>	
<b>Mining and Natural Cavities Data</b>	-
<p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>	
<b>Historical Land Use Information (1:2,500)</b>	-
<p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p>	
<b>Historical Land Use Information (1:10,000)</b>	-
<p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>	
<b>Ground Stability Data (1:50,000)</b>	1
<p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>	
<b>Historical Map List</b>	4
<p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>	
<b>Data Currency</b>	5
<b>Data Suppliers</b>	6
<b>Useful Contacts</b>	7

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The brine subsidence data relating to the Droitwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

#### Report Version v53.0

Data Type	Page Number	On Site	0 to 250m
<b>Mining and Natural Cavities Data</b>			
BGS Recorded Mineral Sites			
Coal Mining Affected Areas			n/a
Man Made Mining Cavities			
Mining Instability			n/a
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential Mining Areas			
<b>Historical Land Use Information (1:2,500)</b>			
Extractive Industries or Potential Excavations from 1855-1909 (100m)			
Extractive Industries or Potential Excavations from 1893-1915 (100m)			
Extractive Industries or Potential Excavations from 1906-1937 (100m)			
Extractive Industries or Potential Excavations from 1924-1949 (100m)			
Extractive Industries or Potential Excavations from 1950-1980 (100m)			
Subterranean Features (100m)			
<b>Historical Land Use Information (1:10,000)</b>			
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining & quarrying general			
Mining of coal & lignite			
Quarrying of sand & clay, operation of sand & gravel pits			
Former Marshes			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
<b>Ground Stability Data (1:50,000)</b>			
CBSCB Compensation District			n/a
Brine Pumping Related Features			
Brine Subsidence Solution Area			
Potential for Collapsible Ground Stability Hazards	pg 1	Yes	Yes
Potential for Compressible Ground Stability Hazards	pg 1	Yes	Yes
Potential for Ground Dissolution Stability Hazards	pg 2	Yes	
Potential for Landslide Ground Stability Hazards	pg 2	Yes	
Potential for Running Sand Ground Stability Hazards	pg 2	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 3	Yes	
Salt Mining Related Features			

Report Version v53.0



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>CBSCB Compensation District</b> The site does not fall within the brine compensation area.				
	<b>Brine Subsidence Solution Area</b> The site does not fall within the brine subsidence solution area.				
1	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	489994 382845
2	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490789 385000
3	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4NW (N)	0	1	490789 385545
4	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	491320 385000
5	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4NW (NW)	0	1	490608 385668
6	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490692 385081
7	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490000 385000
8	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F3SW (SW)	109	1	490196 385212
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	489406 383691
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F4NW (NW)	0	1	490772 385584
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490883 385000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490387 385000
9	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	F4NW (NW)	0	1	490772 385584
10	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490883 385000
11	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490387 385000
12	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	489406 383691
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	489994 382845
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490789 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490000 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F4NW (N)	0	1	490789 385545
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	491320 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F4NW (NW)	0	1	490608 385668
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490692 385081
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F3SW (SW)	109	1	490196 385212
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F4NW (N)	0	1	490789 385545
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490000 385000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490789 385000
13	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490000 385000
14	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490789 385000
15	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4NW (N)	0	1	490789 385545
16	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4NW (N)	0	1	490789 385545
17	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	491320 385000
18	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490692 385081
19	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490000 384329
20	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490789 385000
21	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4NW (NW)	0	1	490608 385668
22	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	489406 383691
23	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490000 385000
24	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	F4NW (NW)	0	1	490772 385584
25	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490883 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490387 385000
27	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F3SW (SW)	109	1	490196 385212
28	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	207	1	490154 385000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	489816 385000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	489994 382845
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SW)	5	1	490152 384983
29	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	F4NW (N)	0	1	490789 385545
30	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490000 385000
31	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490789 385000
32	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	491320 385000
33	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4NW (NW)	0	1	490772 385584
34	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4SE (S)	0	1	490929 385098
35	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	490983 385000

The following mapping has been analysed for Historical Land Use Information (1:2,500):








<b>1:2,500</b>	<b>Mapsheet</b>	<b>Published Date</b>
Ordnance Survey Plan	SK8985	1972
Ordnance Survey Plan	SK9085	1974
Ordnance Survey Plan	SK9085	1974
Ordnance Survey Plan	SK9085	1974
Ordnance Survey Plan	SK9086	1974
Ordnance Survey Plan	SK9185	1974
Ordnance Survey Plan	SK9185	1974
Ordnance Survey Plan	SK9186	1974

The following mapping has been analysed for Historical Land Use Information (1:10,000):

<b>1:10,560</b>	<b>Mapsheet</b>	<b>Published Date</b>
Lincolnshire	043_SE	1891
Lincolnshire	051_NE	1891
Lincolnshire	043_SE	1907
Lincolnshire	051_NE	1907
Lincolnshire	043_SE	1947
Lincolnshire	051_NE	1947
Ordnance Survey Plan	SK88NE	1956
Ordnance Survey Plan	SK98NW	1956
<b>1:10,000</b>	<b>Mapsheet</b>	<b>Published Date</b>
Ordnance Survey Plan	SK98NW	1979
Ordnance Survey Plan	SK88NE	1980

<b>Mining and Cavities Data</b>	<b>Version</b>	<b>Update Cycle</b>
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Man Made Mining Cavities</b> Stantec UK Ltd	May 2021	Bi-Annually
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Natural Cavities</b> Stantec UK Ltd	May 2021	Bi-Annually
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Historical Land Use Information (1:2,500)</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Subterranean Features</b> Landmark Information Group Limited	February 2020	Bi-Annually
<b>Ground Stability Data (1:50,000)</b>	<b>Version</b>	<b>Update Cycle</b>
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Brine Subsidence Solution Area</b> Johnson Poole & Bloomer	December 2020	Annual Rolling Update

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a> Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: <a href="mailto:customerservices@landmarkinfo.co.uk">customerservices@landmarkinfo.co.uk</a> Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a>

#### General

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

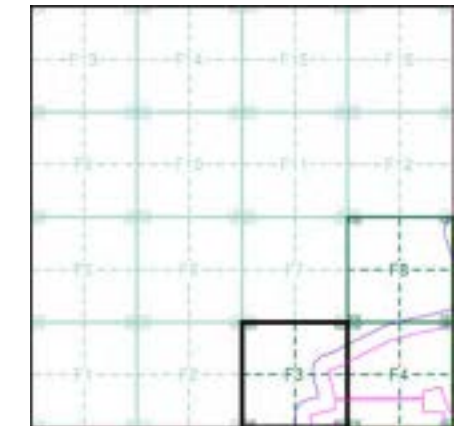
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment F3

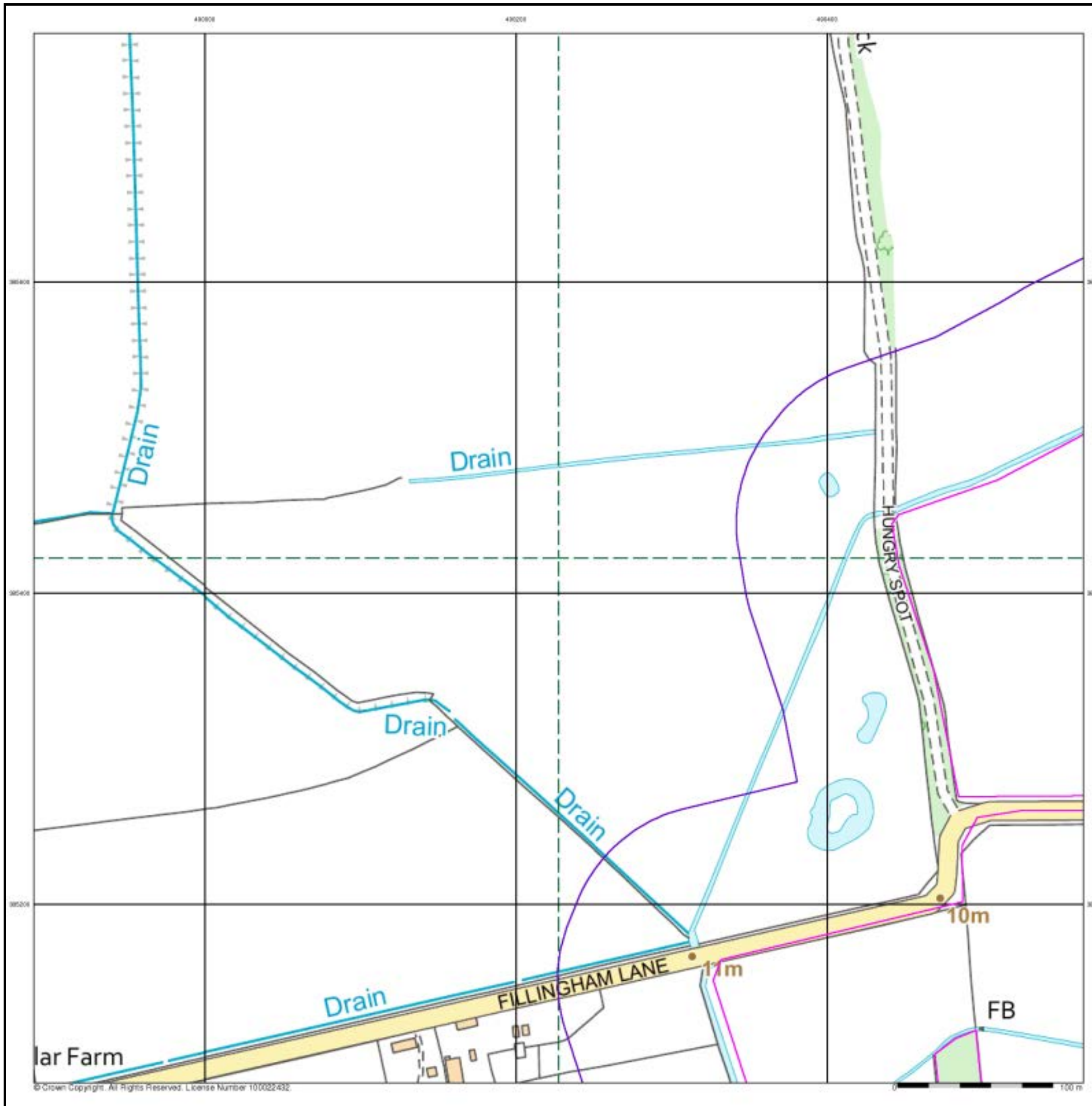


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1





#### General

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

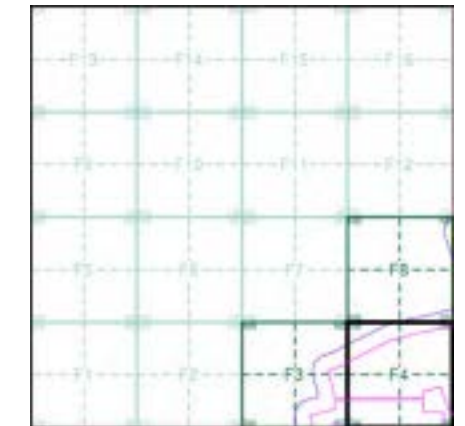
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment F4

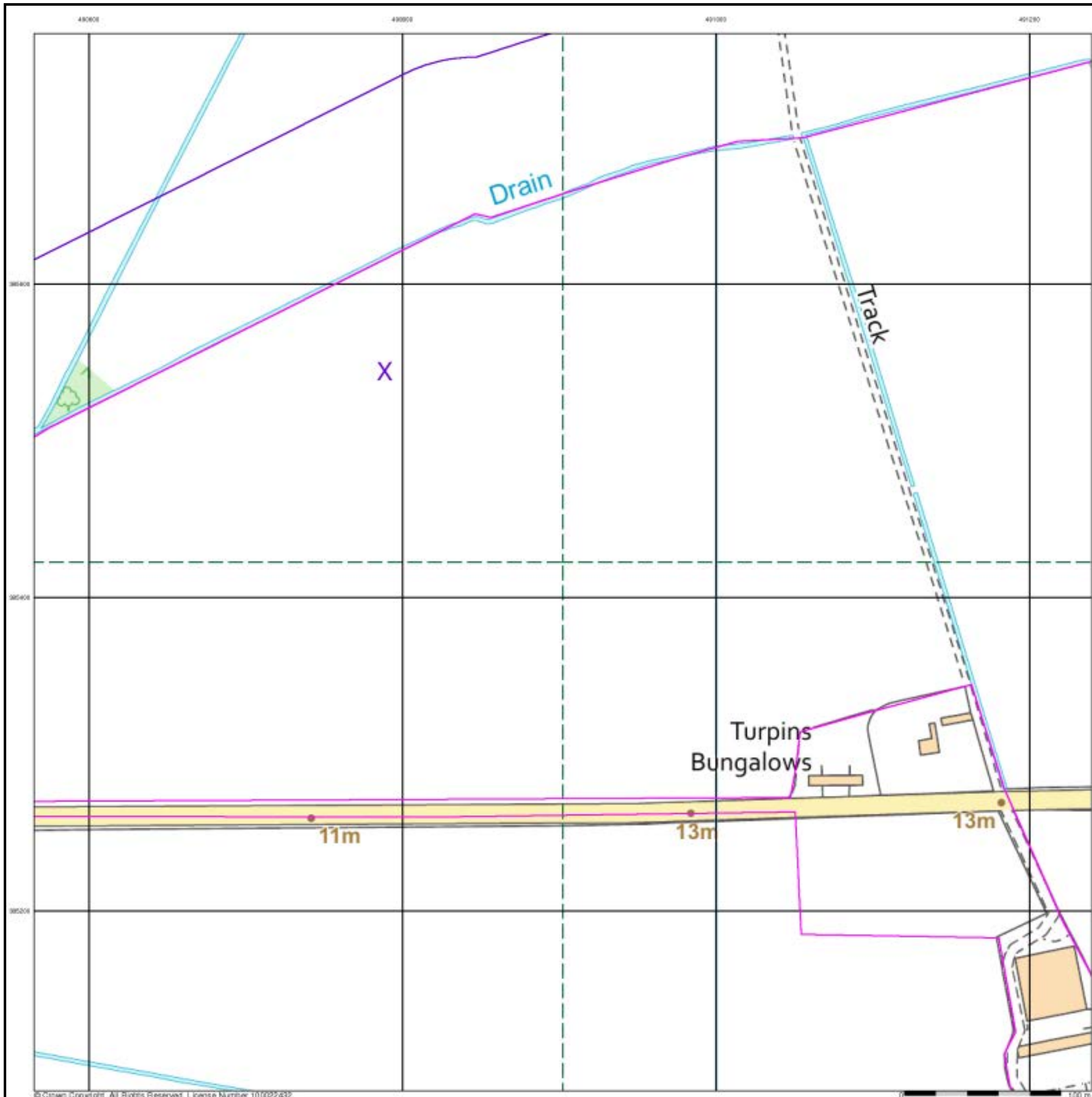


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

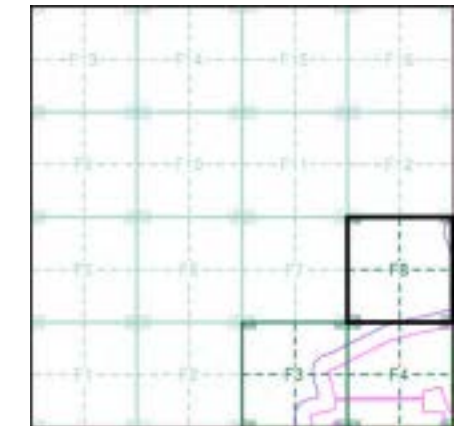
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features			

#### Mining and Ground Stability - Segment F8

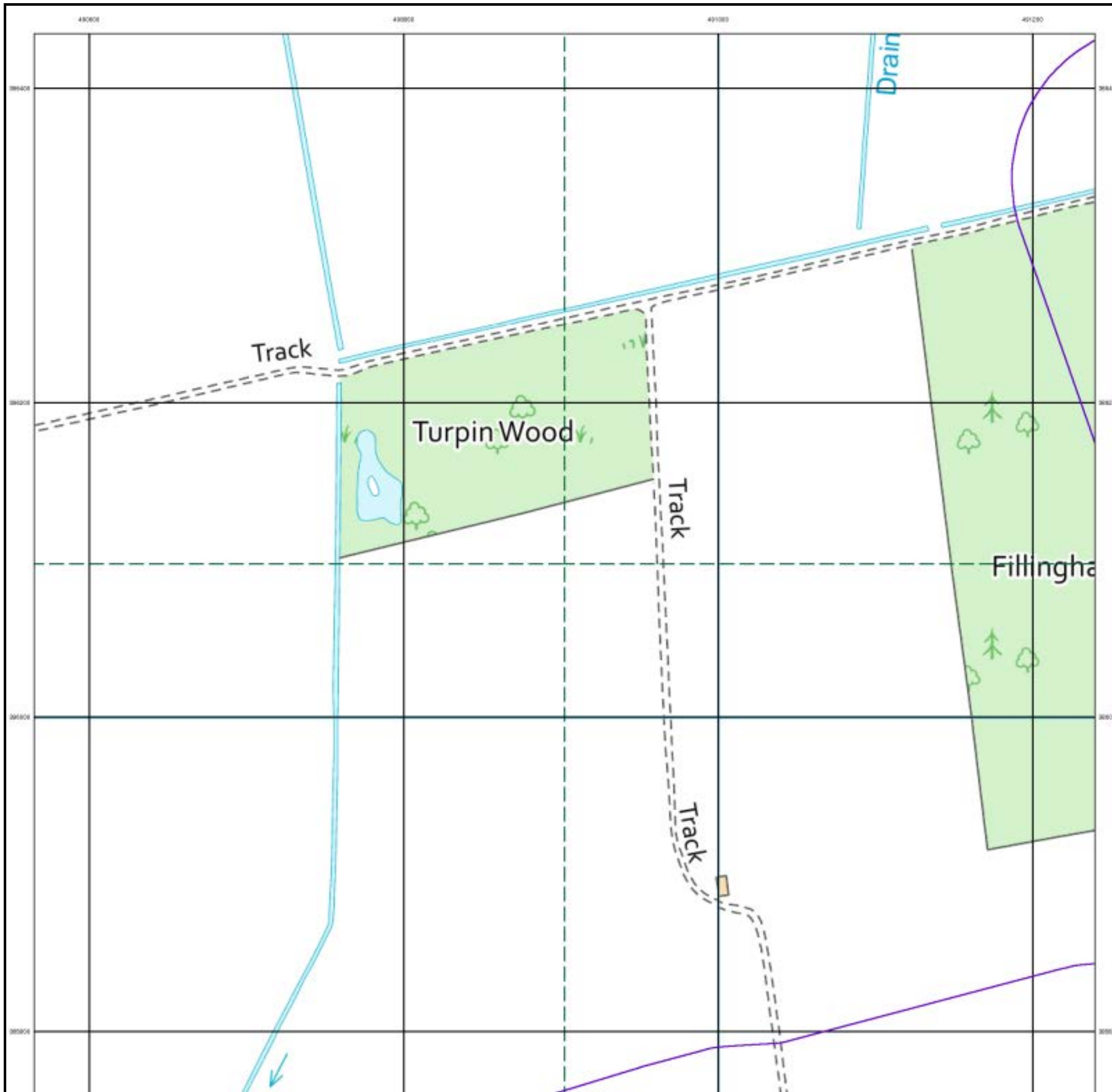


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100




#### Site Details

Cottam 1





## Geology 1:50,000 Maps Legends

### Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Not Supplied - Quaternary

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHAM	Charmouth Mudstone Formation	Mudstone	Not Supplied - Sinemurian
	SMD	Scunthorpe Mudstone Formation	Mudstone and Limestone, Interbedded	Not Supplied - Rhaetian



### 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:	102
Map Name:	Market Rasen
Map Date:	1999
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Not Available
Faults:	Not Supplied
Landslip:	Not Available
Rock Segments:	Not Supplied

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

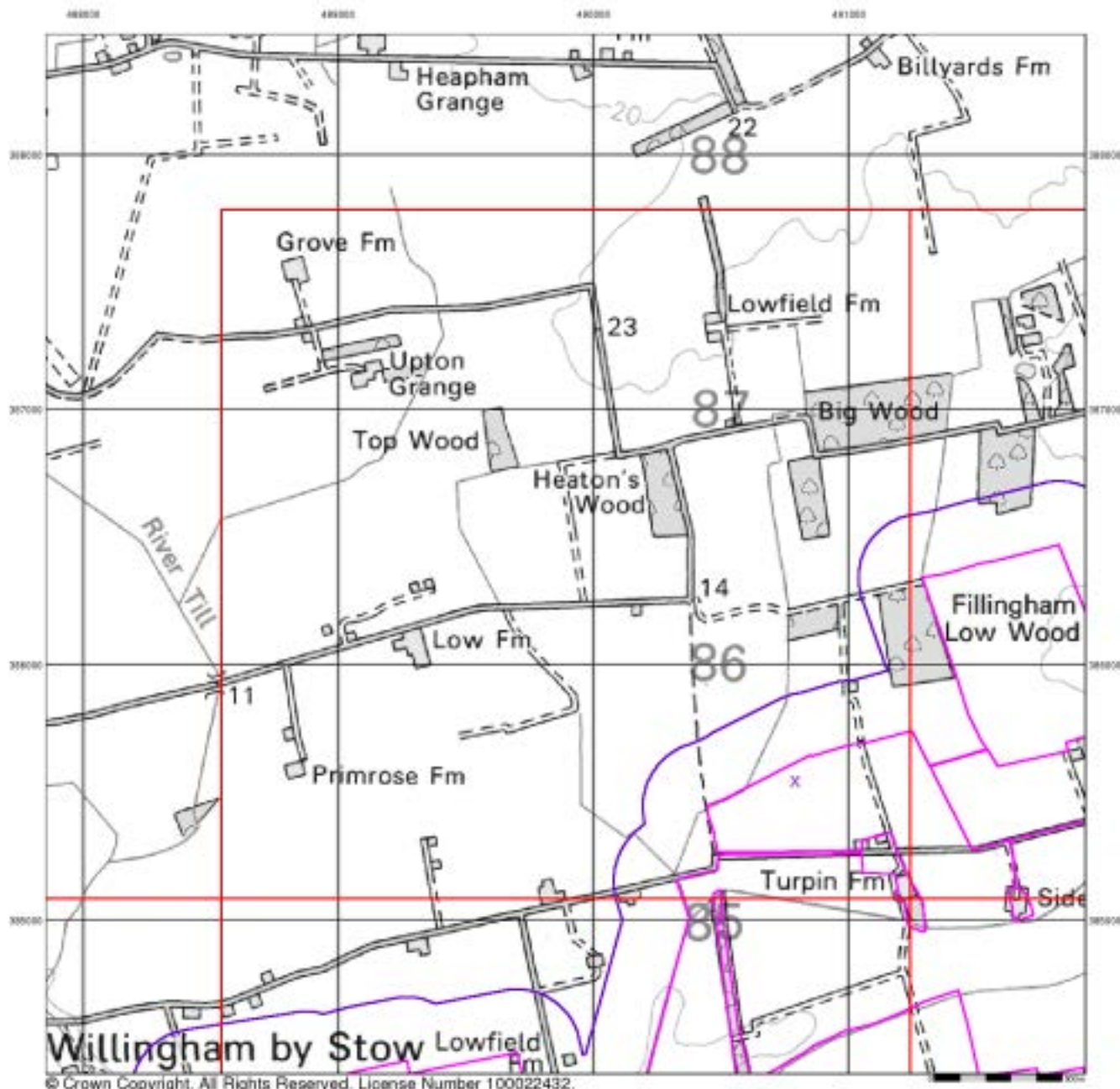


### Order Details:

Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	490790, 385540
Slice:	F
Site Area (Ha):	884.45
Search Buffer (m):	250

### Site Details:

Cottam 1



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### Artificial Ground and Landslip

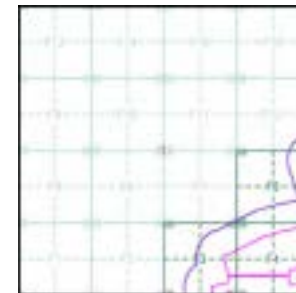
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



### Order Details:

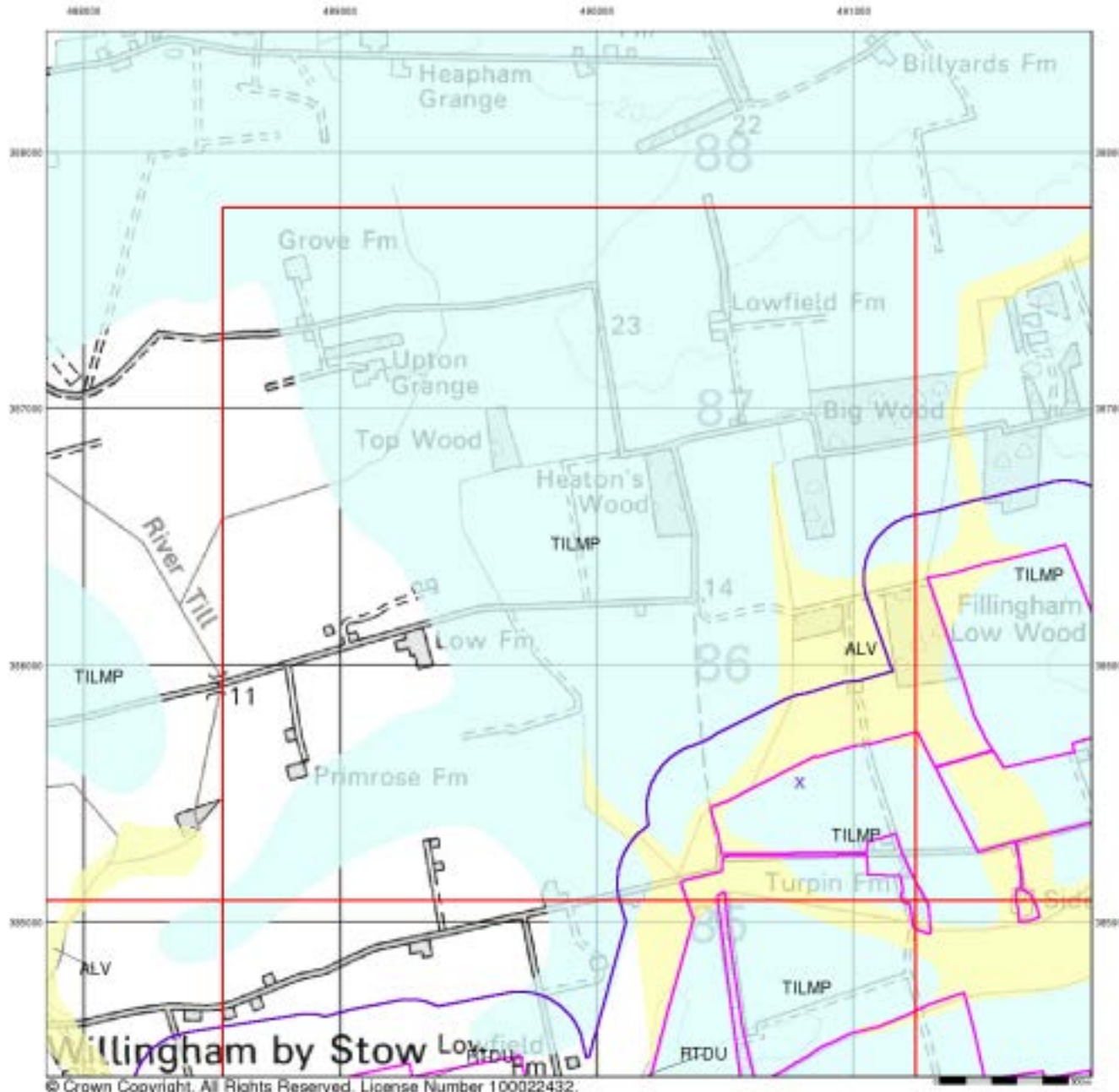
Order Number: 287330989\_1\_1  
 Customer Reference: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

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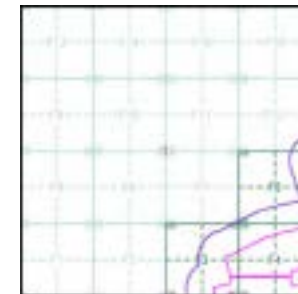
### Superficial Geology

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 F



### Order Details:

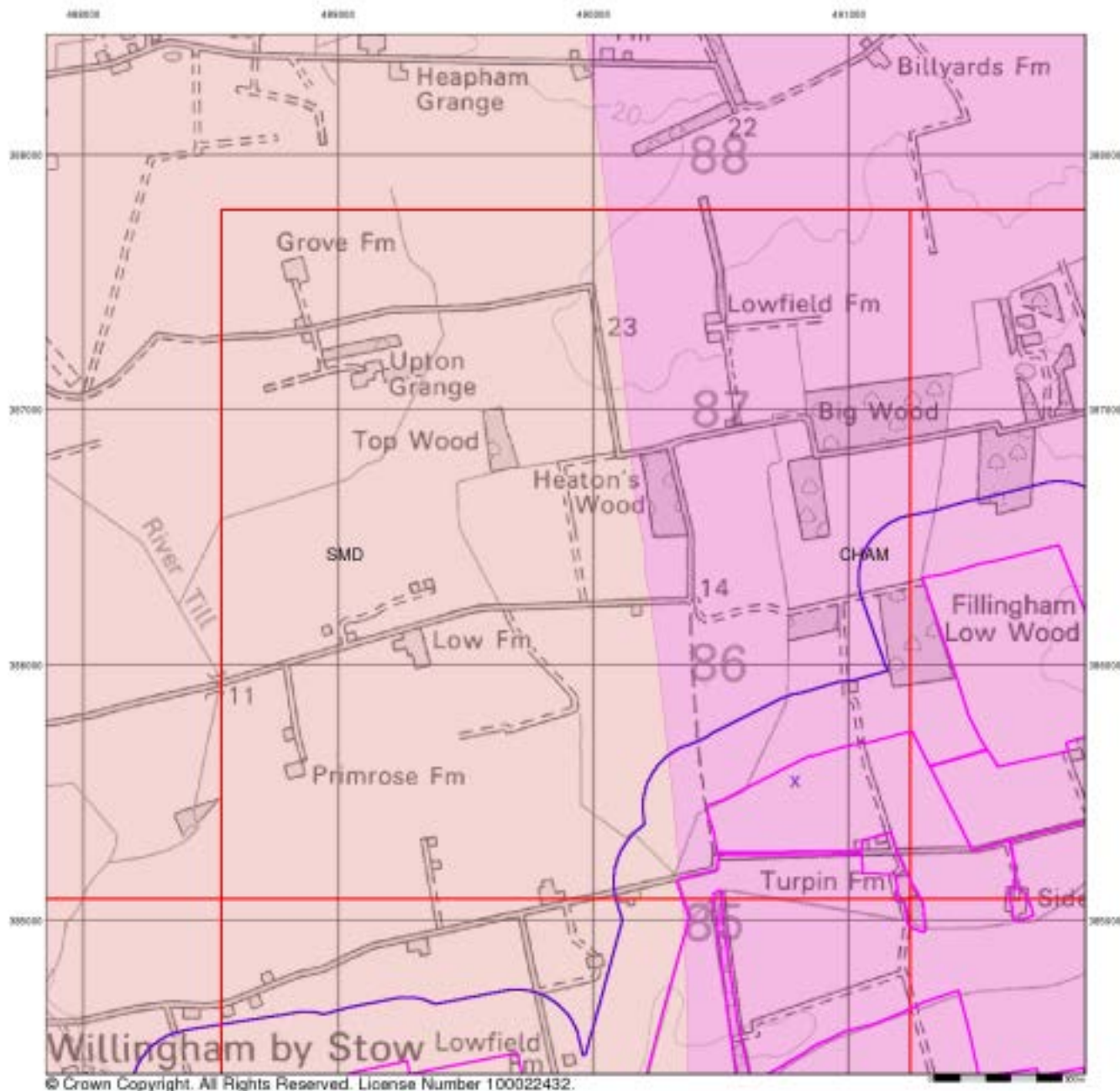
Order Number: 287330989\_1\_1  
 Customer Reference: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

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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 F



### Order Details:

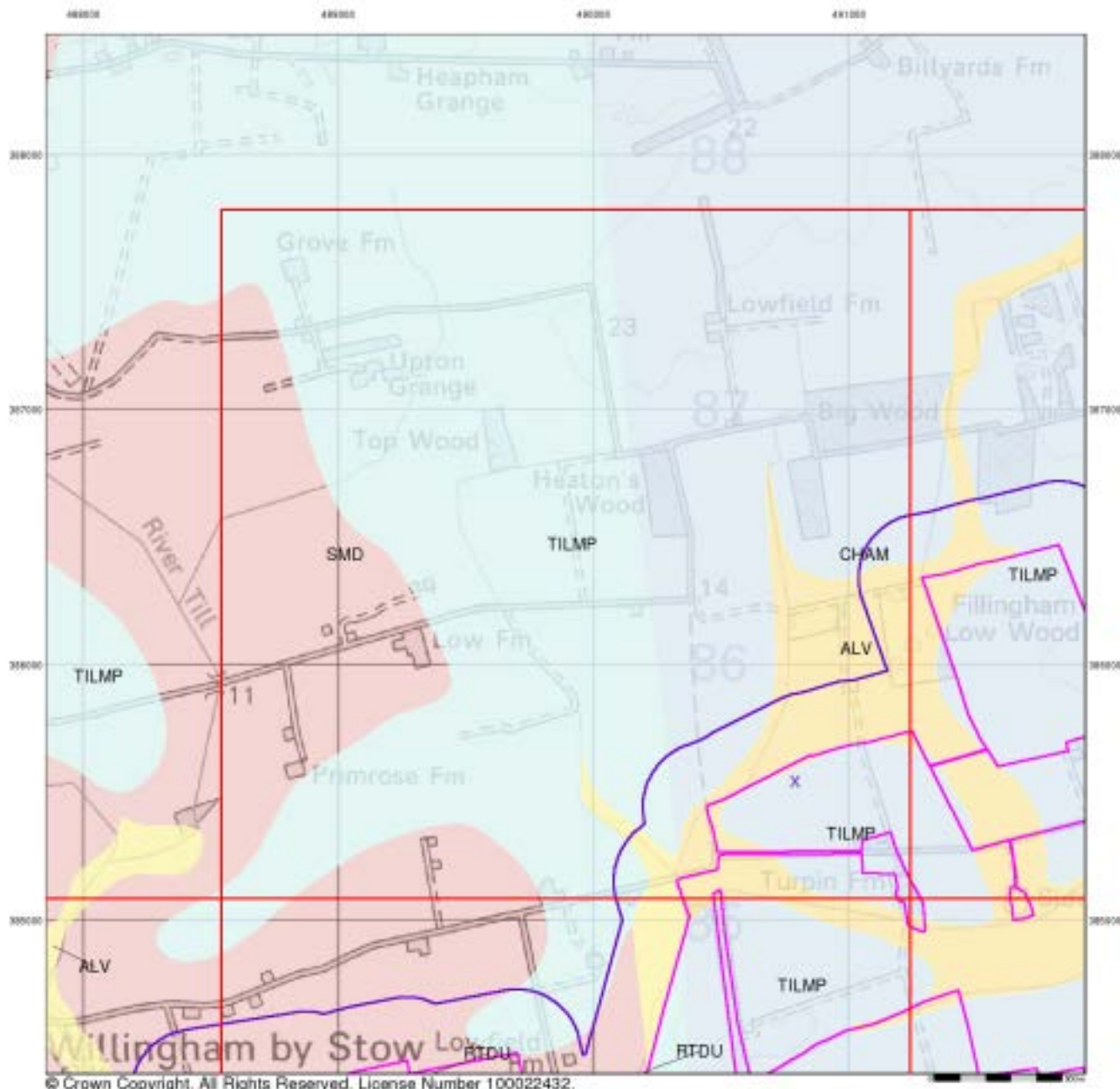
Order Number: 287330989\_1\_1  
 Customer Reference: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

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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.

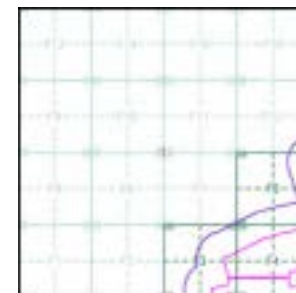
### Additional Information

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 F



### Order Details:

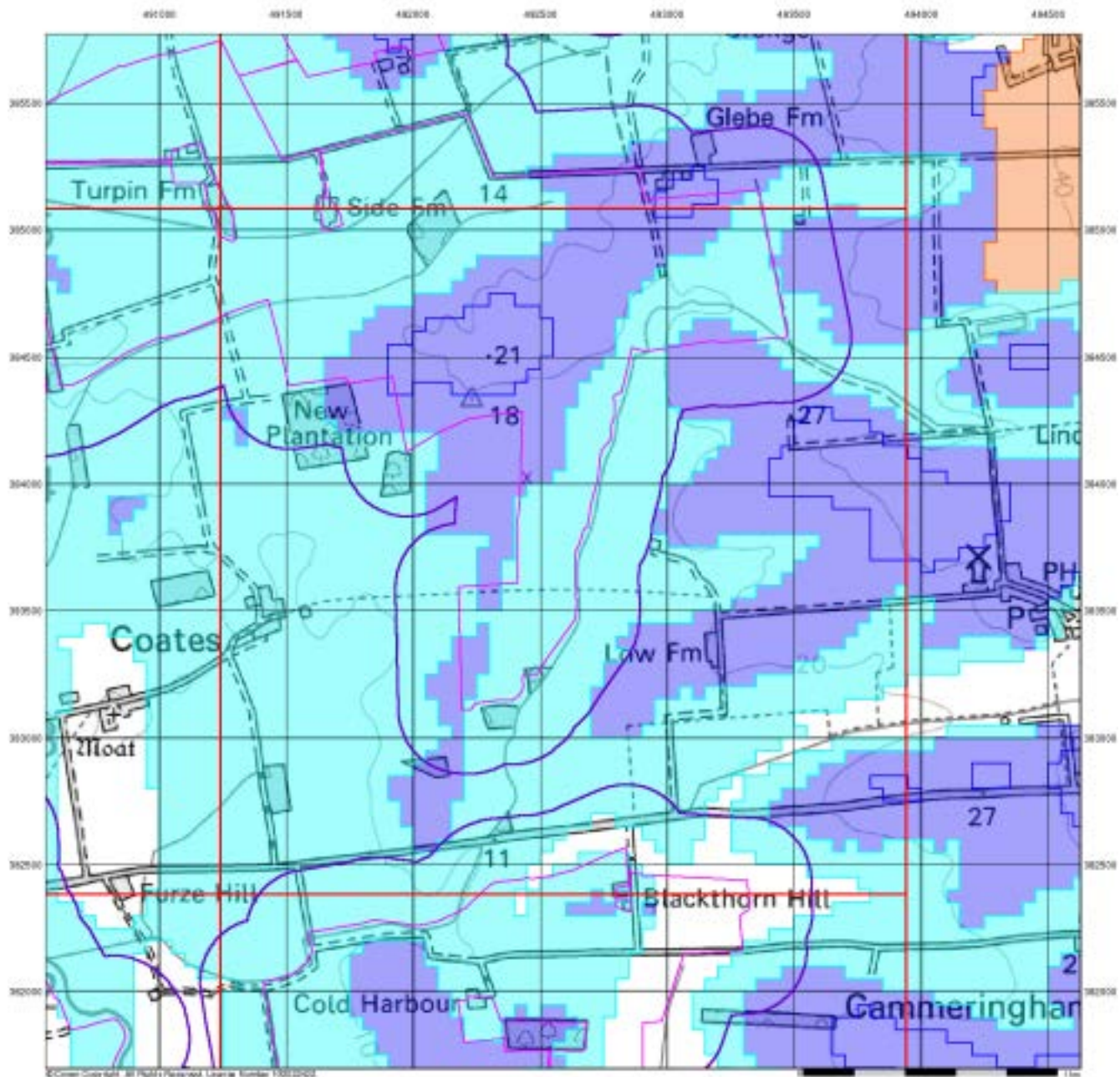
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Customer Reference:	21-1088.02
National Grid Reference:	490790, 385540
Slice:	F
Site Area (Ha):	884.45
Search Buffer (m):	250

### Site Details:

Cottam 1



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**BGS Flood GFS Data**

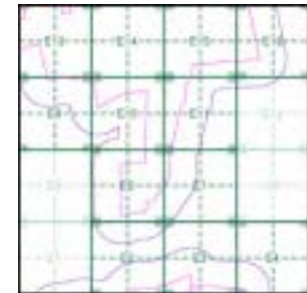
**General**

- Specified Site
- Specified Buffer(s)
- Boring 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 E**



**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492450, 384020  
 Slice: E  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

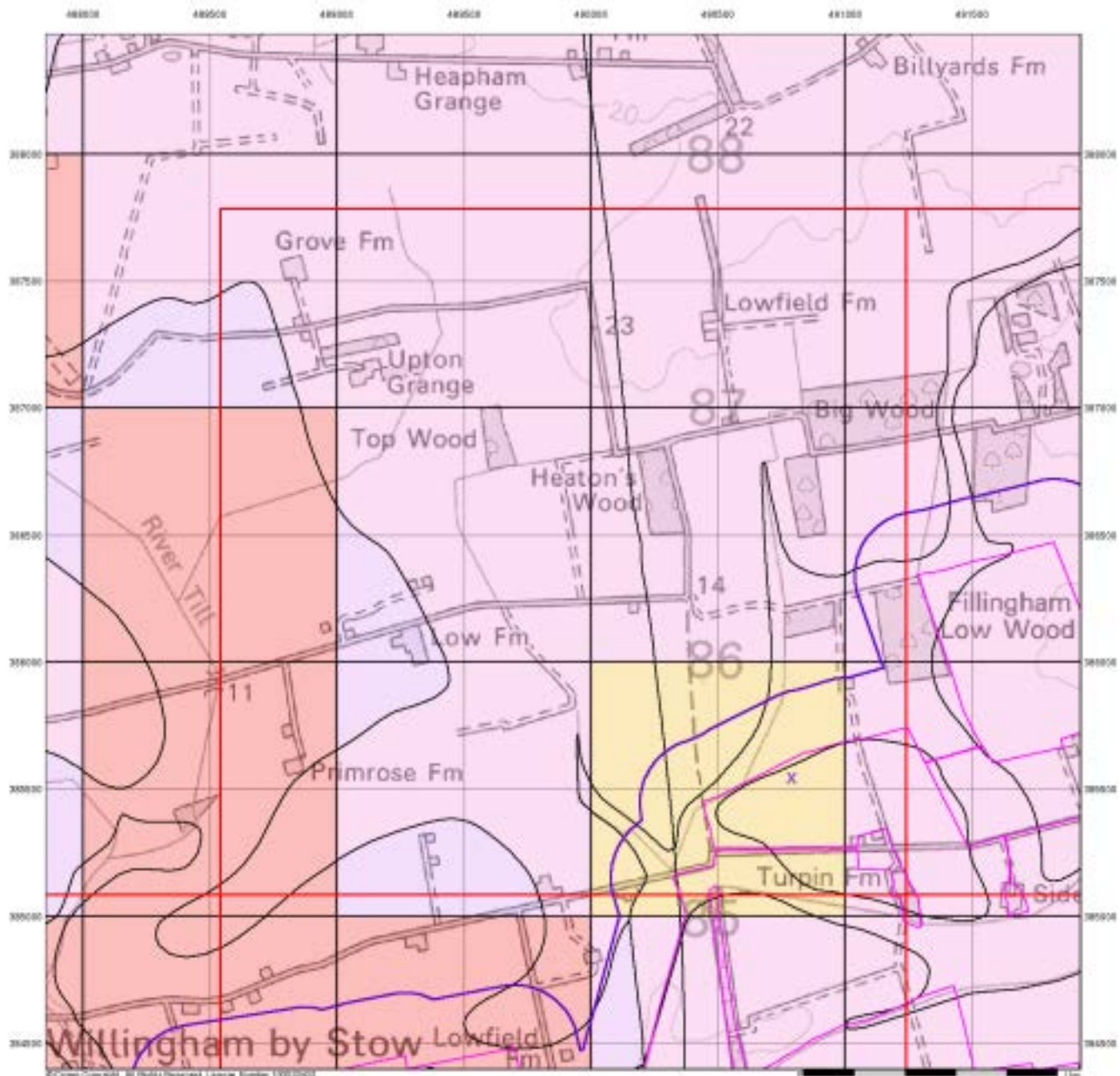
**Site Details**

Cottam 1



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 Web: www.envirocheck.co.uk





## Groundwater Vulnerability

### General

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

### Agency and Hydrological

#### Bedrock Aquifers

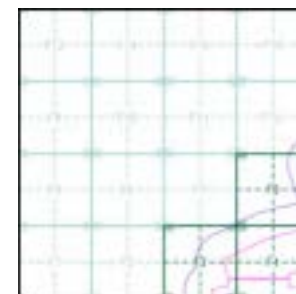
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

#### Superficial Aquifers

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

- Unproductive Aquifer
- Soluble Rock

### Site Sensitivity Context Map - Slice F



### Order Details

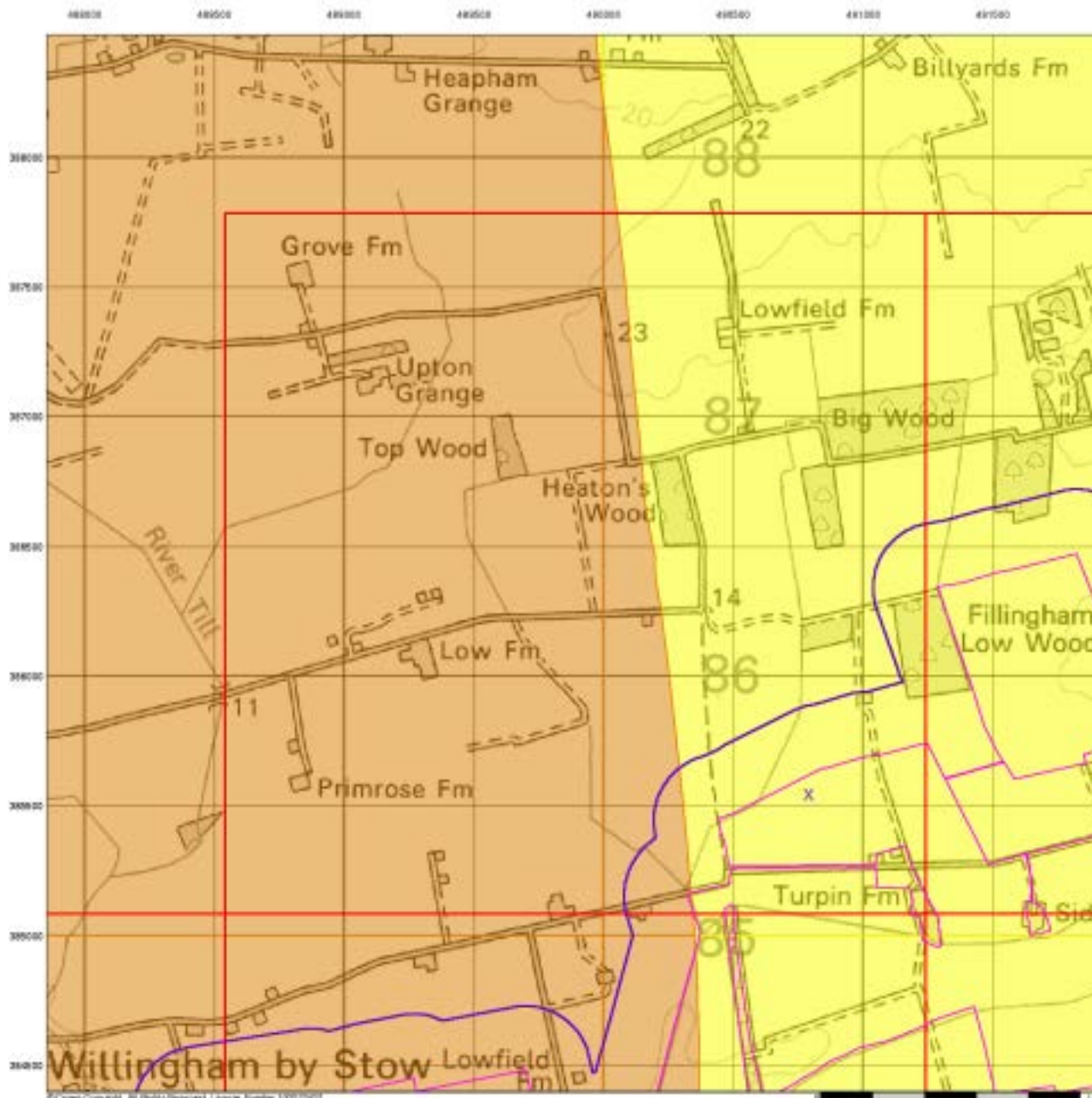
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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## Bedrock Aquifer Designation

### General

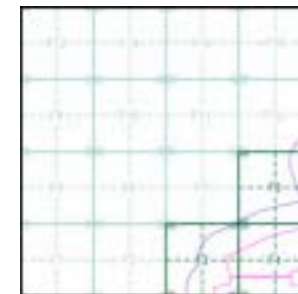
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice F



### Order Details

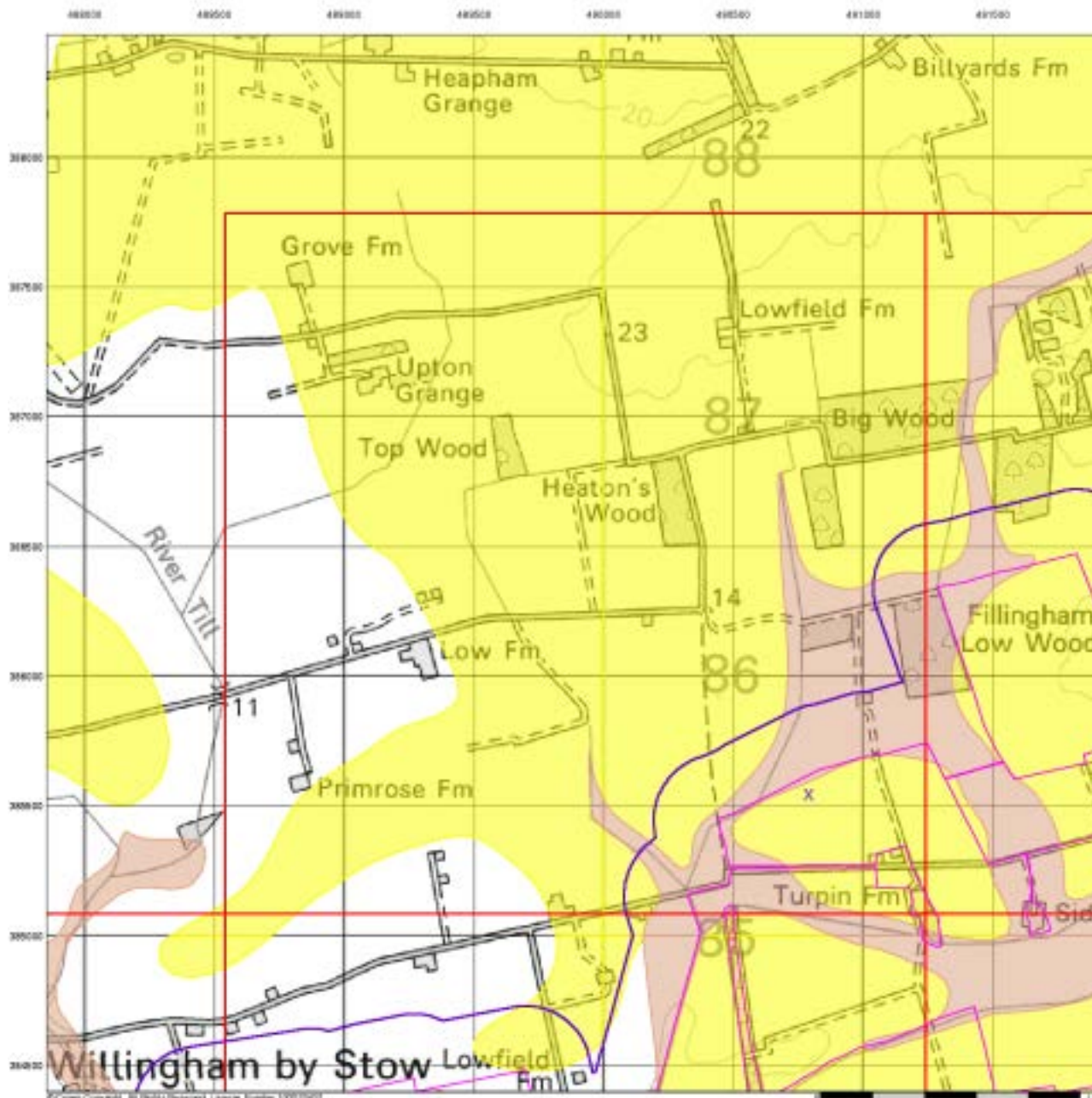
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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## Superficial Aquifer Designation

### General

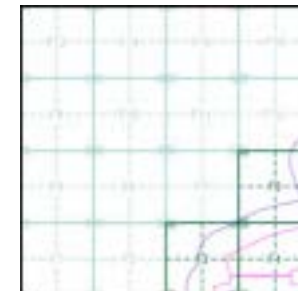
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- Map ID

### 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 F



### Order Details

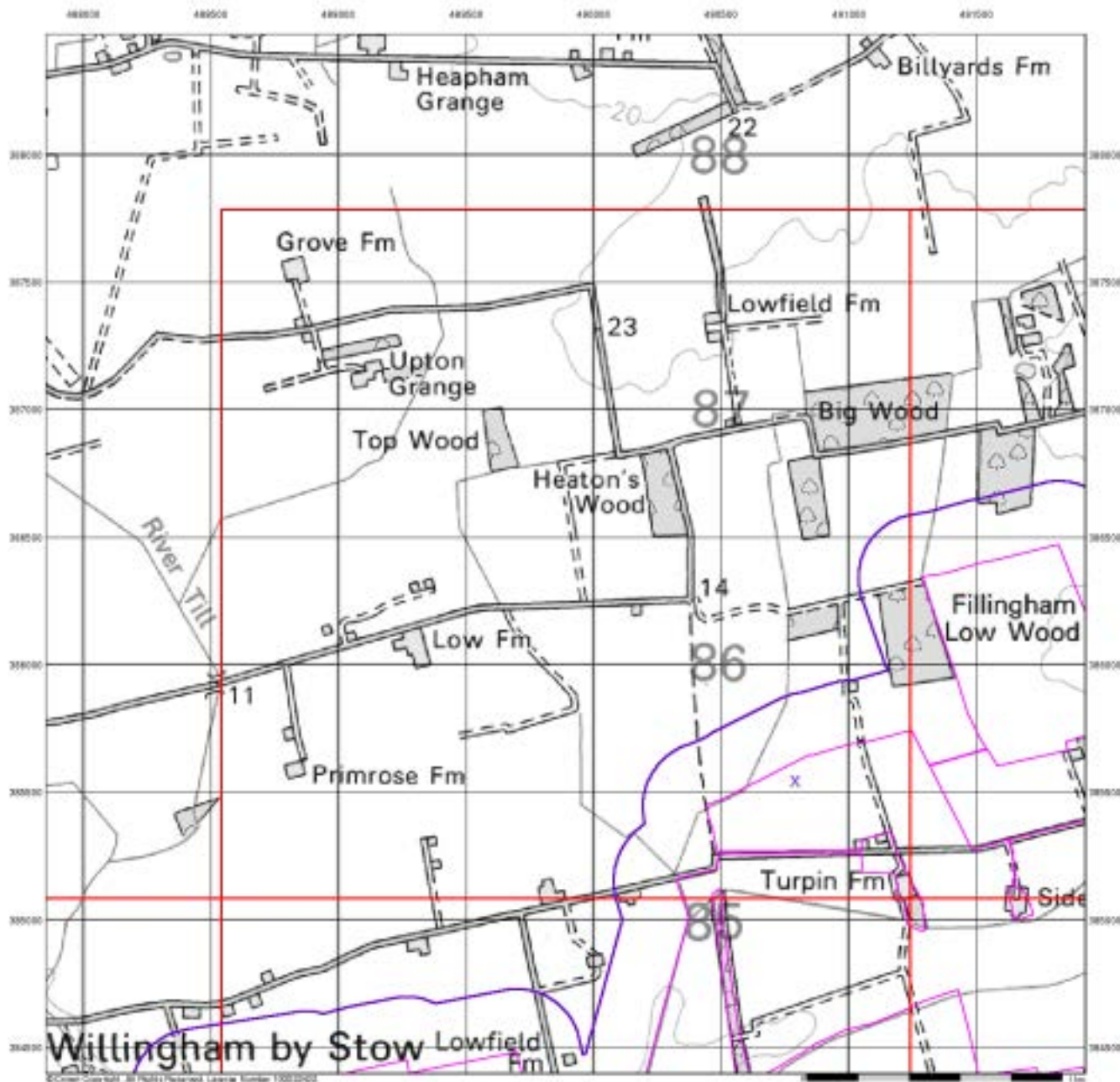
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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## Source Protection Zones

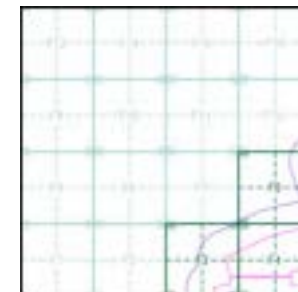
### General

- ◊ Specified Site
- ◊ Specified Buffer(s)
- X 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 F



### Order Details

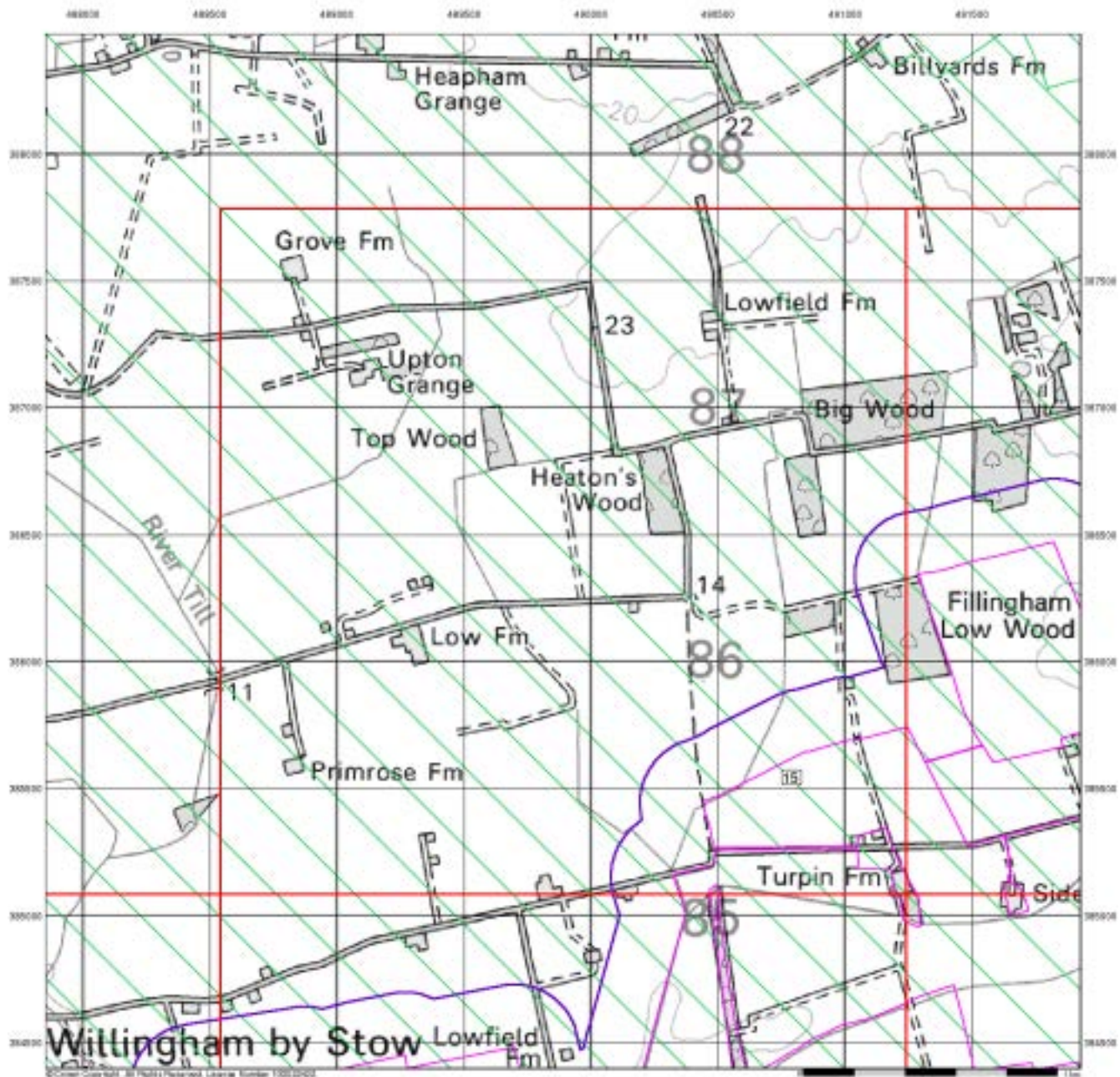
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

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## Sensitive Land Uses

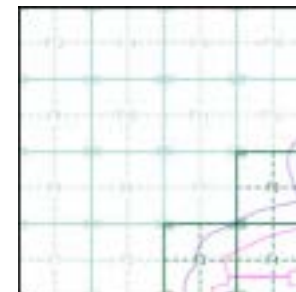
### General

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

### Sensitive Land Uses

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

### Site Sensitivity Context Map - Slice F



### Order Details

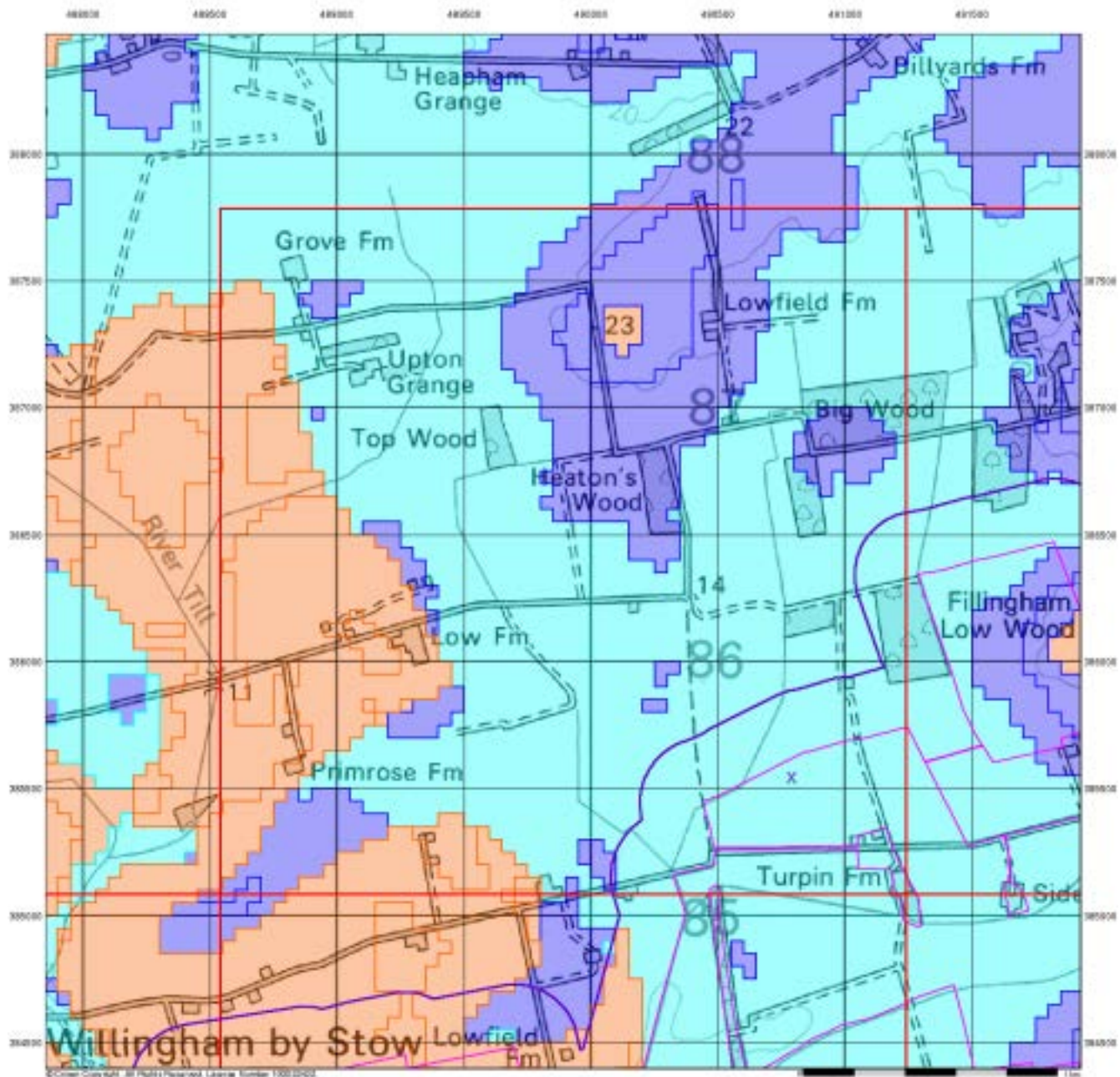
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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**BGS Flood GFS Data**

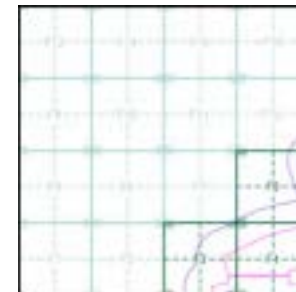
**General**

- Specified Site
- Specified Buffer(s)
- Basing 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 F**



**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 490790, 385540  
 Slice: F  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

**Site Details**

Cottam 1



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 Web: www.envirocheck.co.uk

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

287330989\_1\_1

**Customer Reference:**

21-1088.02

**National Grid Reference:**

492430, 386010

**Slice:**

G

**Site Area (Ha):**

884.45

**Search Buffer (m):**

250

#### Site Details:

Cottam 1

#### Client Details:

Mr A Howells  
Delta Simons  
3 Henley Office Park  
Doddington Road  
Lincoln  
LN6 3QR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	13
Hazardous Substances	-
Geological	14
Industrial Land Use	16
Sensitive Land Use	17
Data Currency	18
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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## Report Version v53.0



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Agency &amp; Hydrological</b>			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 1		1
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature		Yes	
Pollution Incidents to Controlled Waters	pg 2		1
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality			
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 2	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Groundwater Vulnerability - Local Information			n/a
Bedrock Aquifer Designations	pg 8	Yes	n/a
Superficial Aquifer Designations	pg 8	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 9	Yes	
Flooding from Rivers or Sea without Defences	pg 9	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 9	9	21

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Waste</b>			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 13	2	n/a
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
<b>Hazardous Substances</b>			
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 (*up to 500m)
<b>Geological</b>			
BGS 1:625,000 Solid Geology	pg 14	Yes	n/a
BGS Estimated Soil Chemistry	pg 14	Yes	
BGS Recorded Mineral Sites			
BGS Urban Soil Chemistry			
BGS Urban Soil Chemistry Averages			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 15	Yes	
Potential for Compressible Ground Stability Hazards	pg 15	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 15	Yes	
Potential for Running Sand Ground Stability Hazards	pg 15	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 15	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a
<b>Industrial Land Use</b>			
Contemporary Trade Directory Entries			
Fuel Station Entries			
Points of Interest - Commercial Services			
Points of Interest - Education and Health			
Points of Interest - Manufacturing and Production	pg 16		2
Points of Interest - Public Infrastructure			
Points of Interest - Recreational and Environmental			
Gas Pipelines			
Underground Electrical Cables			

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Sensitive Land Use</b>			
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 17	1	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	493100 384650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	G6SE (SW)	0	1	492434 386011
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	492400 384750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	G11SE (NE)	0	1	493000 386450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	G7SE (E)	0	1	492950 386000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	493450 385000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	492550 385000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	G6NE (N)	0	1	492400 386200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	G6SE (S)	0	1	492434 386000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	G3SE (SE)	0	1	493000 385200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	490650 384850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	G6SW (W)	0	1	492000 386050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	G6SE (SW)	0	1	492350 385900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	G4SW (SE)	0	1	493300 385150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	492434 385000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	G7NE (E)	0	1	493100 386100
1	<b>Discharge Consents</b> Operator: Simon Skelton Property Type: Domestic Property (Single) Location: North Farm, Fillingham Willingham Road, Fillingham, Gainsborough, Lincolnshire, Dn21 5bj Authority: Environment Agency, Anglian Region Catchment Area: River Till Reference: Prnnf12935 Permit Version: 1 Effective Date: 7th July 2003 Issued Date: 15th July 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Trib Of River Till <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	G2NW (SW)	71	2	491920 385630
	<b>Nearest Surface Water Feature</b>	G2SE (S)	0	-	492309 385208

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Other General Premises            Location: Lincoln District            Authority: Environment Agency, Anglian Region            Pollutant: Chlorinated Water            Note: Witham            Incident Date: 19th April 1994            Incident Reference: 1883            Catchment Area: Not Given            Receiving Water: Freshwater Stream/River            Cause of Incident: Poor Operational Practice            Incident Severity: Category 1 - Major Incident            Positional Accuracy: Located by supplier to within 100m</p>	G9SE (NW)	82	2	491600 386500
	<p><b>Groundwater Vulnerability Map</b></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: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial: &lt;90%            Patchiness: Superficial &lt;3m            Thickness: Superficial Low            Recharge: Superficial Low</p>	(SW)	0	3	491000 384962
	<p><b>Groundwater Vulnerability Map</b></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: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial: &lt;90%            Patchiness: Superficial &lt;3m            Thickness: Superficial Low            Recharge: Superficial Low</p>	(SW)	0	3	491000 385000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial: &gt;90%            Patchiness: Superficial 3-10m            Thickness: Superficial Low            Recharge: Superficial Low</p>	(SW)	0	3	491545 385000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial: &gt;90%            Patchiness: Superficial 3-10m            Thickness: Superficial Low            Recharge: Superficial Low</p>	(S)	0	3	492000 384818

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	(W)	0	3	491000 385682
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	(SW)	0	3	490883 385000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: Low</p>	(W)	0	3	491000 386000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: &gt;90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	G1NW (SW)	0	3	491451 385445

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	G6SW (W)	0	3	492000 386000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	G2SW (SW)	0	3	492000 385247
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	(SW)	0	3	491320 385000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	G7SW (E)	0	3	492818 385945



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	G6SE (S)	0	3	492434 386000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &gt;10m            Superficial Recharge: Low</p>	G7SW (E)	0	3	492829 386000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &gt;10m            Superficial Recharge: Low</p>	G6SE (SW)	0	3	492434 386011
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &gt;10m            Superficial Recharge: Low</p>	G7SW (E)	0	3	492741 386000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &gt;10m            Superficial Recharge: High</p>	G7SE (E)	0	3	493000 386011
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &gt;10m            Superficial Recharge: High</p>	G11NE (NE)	0	3	493000 386898
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: &gt;10m            Superficial Recharge: High</p>	G11SE (NE)	0	3	493000 386766
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	G6SE (S)	0	3	492361 385770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: No Data</p>	G7SE (E)	0	3	493000 386000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: High</p>	G6SW (W)	0	3	492000 386011
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: Low</p>	(SW)	0	3	492000 385000
	<p><b>Groundwater Vulnerability Map</b></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: Poorly Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: 40-70%            Superficial Patchiness: &gt;90%            Superficial Thickness: 3-10m            Superficial Recharge: No Data</p>	(S)	0	3	492434 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Poorly Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial: >90% Patchiness: Superficial 3-10m Thickness: Superficial No Data Recharge:	(S)	0	3	492227 385000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Poorly Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial: >90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	(SE)	0	3	493000 385000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Poorly Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial: >90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	G5NE (NW)	0	3	491659 386434
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(S)	0	3	492434 385000
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	G6SE (SW)	0	3	492434 386011
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(S)	0	3	492434 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	G7SW (E)	0	3	492818 385945
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(SW)	0	3	490883 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	G6SE (SW)	0	3	492434 386011
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	G11NE (NE)	0	3	492994 386902
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(SW)	0	3	491545 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	G1NW (SW)	0	3	491451 385445
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	(S)	0	3	492227 385000
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	G6SE (S)	0	3	492361 385770
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	G2NE (S)	0	2	492515 385690
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	G2NE (S)	0	2	492515 385685
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
3	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 48.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11SE (NE)	0	4	493059 386736
4	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11SE (NE)	0	4	493107 386736
5	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 712.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11SE (NE)	0	4	493116 386723
6	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 936.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G7SW (E)	0	4	492799 385911
7	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 669.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G2SE (S)	0	4	492553 385093
8	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2066.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G2NW (S)	0	4	492211 385447

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 704.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G1NW (SW)	0	4	491382 385469
10	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G2NW (S)	0	4	492219 385454
11	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 166.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G2SE (S)	0	4	492309 385208
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 173.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11SE (NE)	2	4	493059 386736
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 211.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	(SE)	3	4	493385 385061
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 93.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G10SE (N)	5	4	492578 386662
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 232.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G2NE (S)	5	4	492392 385608
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 305.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11SW (N)	6	4	492666 386677
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 752.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G5NW (W)	9	4	491282 386350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 380.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	G12SW (NE)	12	4	493422 386637
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 611.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G8NE (E)	14	4	493603 386297
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 220.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G8NE (E)	14	4	493603 386297
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 410.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G6SE (W)	87	4	492263 385948
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 325.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11NW (NE)	162	4	492870 386873
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 127.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11NW (NE)	162	4	492870 386873
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11NE (NE)	171	4	492995 386898
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G4SW (SE)	173	4	493542 385143
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 171.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G4SW (SE)	176	4	493545 385145

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G7SW (SE)	209	4	492772 385808
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 78.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G7SW (SE)	218	4	492770 385799
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G2NE (S)	221	4	492340 385737
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 129.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G2NE (S)	223	4	492344 385728
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 325.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G8NE (E)	224	4	493723 386115
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 381.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G2NE (S)	235	4	492534 385673



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: West Lindsey District Council - Has no landfill data to supply		0	5	492434 386011
	<b>Local Authority Landfill Coverage</b> Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	492434 386011

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Lias Group	G6SE (SW)	0	1	492434 386011
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	G6SE (SW)	0	1	492434 386011
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	G6SE (S)	0	1	492434 386000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	G7SW (E)	0	1	492818 385945
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	G7SE (E)	0	1	493000 386011
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	G11NE (NE)	0	1	493000 386898
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	G6SE (S)	0	1	492361 385770
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G1NW (SW)	0	1	491451 385445
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G6SE (SW)	0	1	492434 386011
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	G1NW (SW)	0	1	491451 385445
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	G6SE (SW)	0	1	492434 386011
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	G6SE (S)	0	1	492361 385770
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	G6SE (SW)	0	1	492434 386011
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G6SE (SW)	0	1	492434 386011
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G1NW (SW)	0	1	491451 385445
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G7SW (E)	0	1	492818 385945
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G6SE (SW)	0	1	492434 386011
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	G6SE (S)	0	1	492361 385770
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	G6SE (SW)	0	1	492434 386011
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G6SE (S)	0	1	492361 385770
	<b>Radon Potential - Radon Affected Areas</b> 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	G6SE (SW)	0	1	492434 386011
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	G6SE (SW)	0	1	492434 386011

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: DN21 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	G1NE (SW)	13	7	491863 385651
33	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: DN21 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	G2NW (SW)	46	7	491915 385668

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	<b>Nitrate Vulnerable Zones</b> Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	G6SE (SW)	0	3	492434 386011

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	June 2020 September 2017	Annually Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Anglian Region	March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - Anglian Region	January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Anglian Region	July 2021	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> West Lindsey District Council - Environmental Health Department	November 2014	Variable
<b>Local Authority Pollution Prevention and Controls</b> West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> West Lindsey District Council - Environmental Health Department	November 2014	Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	August 2021	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Midlands Region Environment Agency - Anglian Region	December 1999 September 1999	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Anglian Region	July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Anglian Region	March 2013	
<b>Registered Radioactive Substances</b> Environment Agency - Anglian Region	June 2016	Annually
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	April 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Water Abstractions</b> Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region	October 2017	Quarterly
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Groundwater Vulnerability - Soluble Rock Risk</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually

Agency & Hydrological	Version	Update Cycle
<b>Source Protection Zones</b> Environment Agency - Head Office	May 2021	Bi-Annually
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	September 2021	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	September 2021	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	July 2021	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	February 2016	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	May 2021	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Anglian Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
<b>Local Authority Landfill Coverage</b> Lincolnshire County Council West Lindsey District Council - Environmental Health Department	February 2003 February 2003	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Lincolnshire County Council West Lindsey District Council - Environmental Health Department	October 2018 October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Anglian Region - Northern Area	April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Anglian Region - Northern Area	June 2015	
Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2010 February 2016	Variable Variable
<b>Planning Hazardous Substance Consents</b> Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2007 February 2016	Variable Variable



Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>CBCSB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBCSB)	August 2011	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	July 2021	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	August 2021	Quarterly
<b>Gas Pipelines</b> National Grid	October 2021	Annually
<b>Points of Interest - Commercial Services</b> PointX	September 2021	Quarterly
<b>Points of Interest - Education and Health</b> PointX	September 2021	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	September 2021	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	September 2021	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	September 2021	Quarterly
<b>Underground Electrical Cables</b> National Grid	May 2021	Annually

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	February 2021	Bi-Annually
<b>Areas of Adopted Green Belt</b> West Lindsey District Council	October 2020	Quarterly
<b>Areas of Unadopted Green Belt</b> West Lindsey District Council	October 2020	Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	January 2021	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	February 2021	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Nature Reserves</b> Natural England	January 2021	Bi-Annually
<b>National Parks</b> Natural England	February 2018	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2016	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
<b>Ramsar Sites</b> Natural England	August 2020	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	February 2021	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	July 2020	Bi-Annually
<b>Special Protection Areas</b> Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>West Lindsey District Council - Environmental Health Department</b> The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	<b>Lincolnshire County Council</b> 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

## Historical Land Use Information (1:10,000)

### General

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

### Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

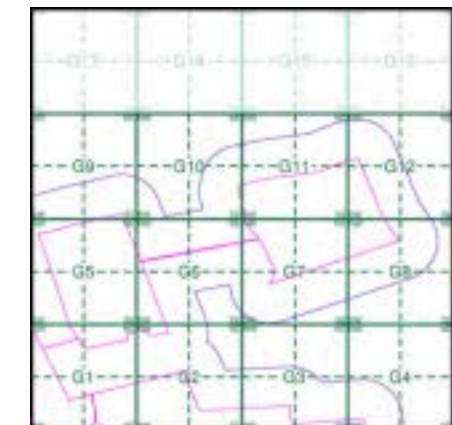
### Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

### Mining Data

- Potential Mining Area
- BGS Recorded Mineral Site

### Mining and Ground Stability - Slice G

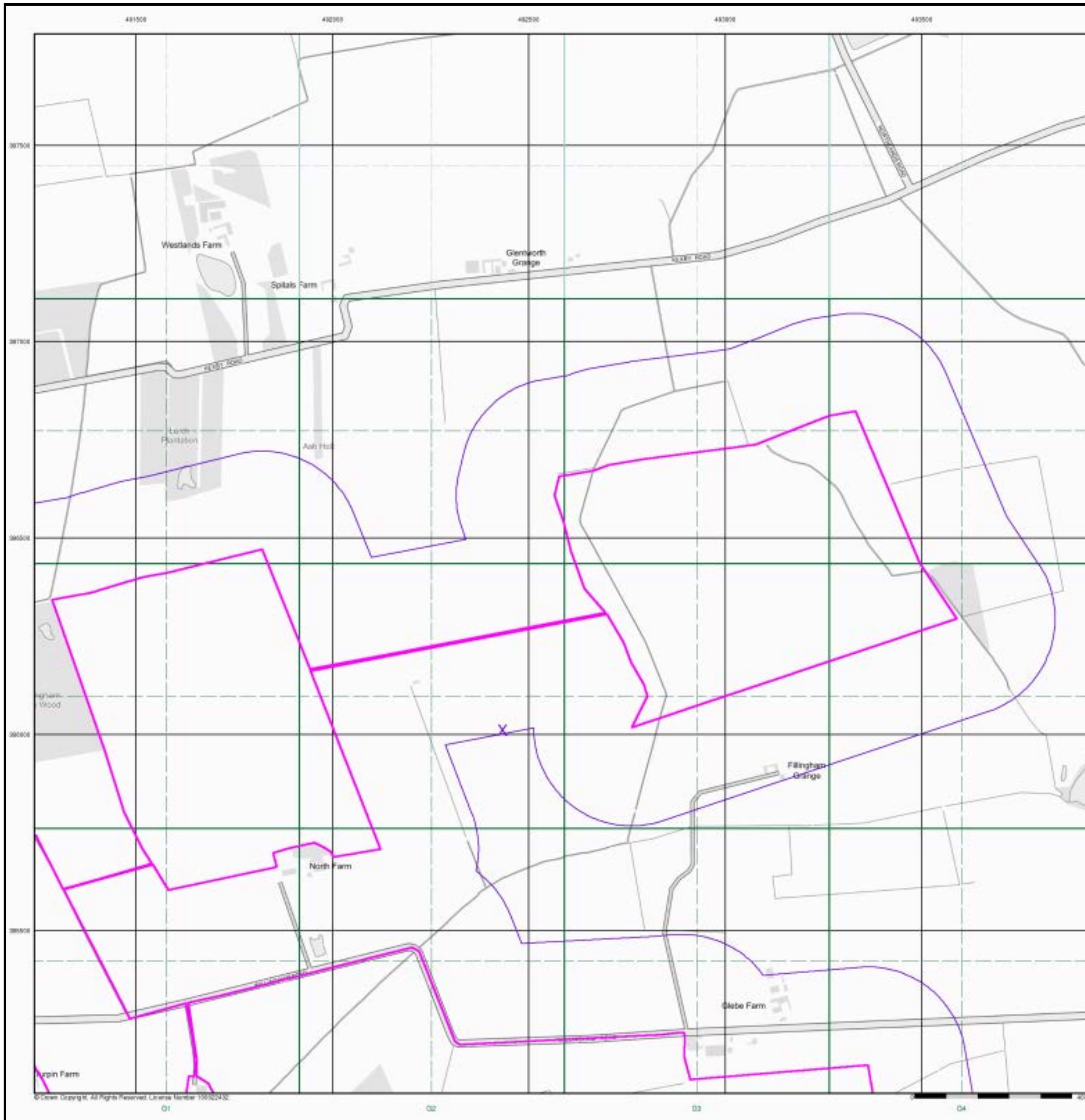


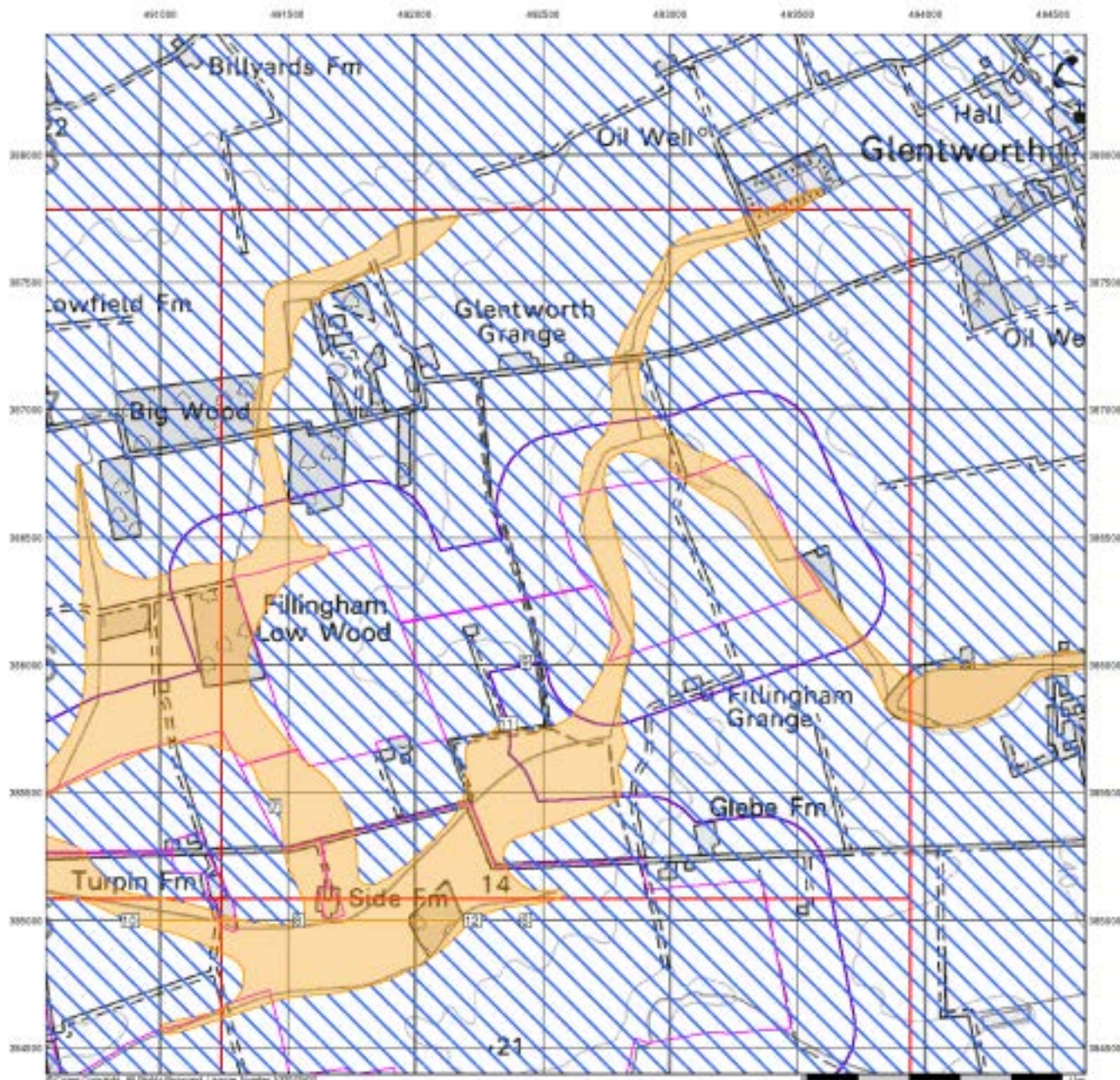
### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1





## Ground Stability Data (1:50,000)

### General

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

### Potential for Compressible Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

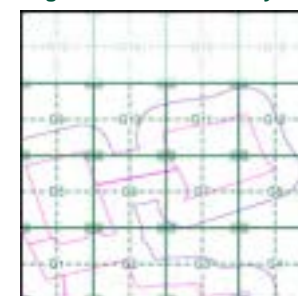
### Potential for Collapsible Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

### Brine Pumping and Salt Mining

- |                               | Point | Polygon |
|-------------------------------|-------|---------|
| Brine Pumping Related Feature |       |         |
| Salt Mining Related Feature   |       |         |

### Mining and Ground Stability - Slice G



### Order Details

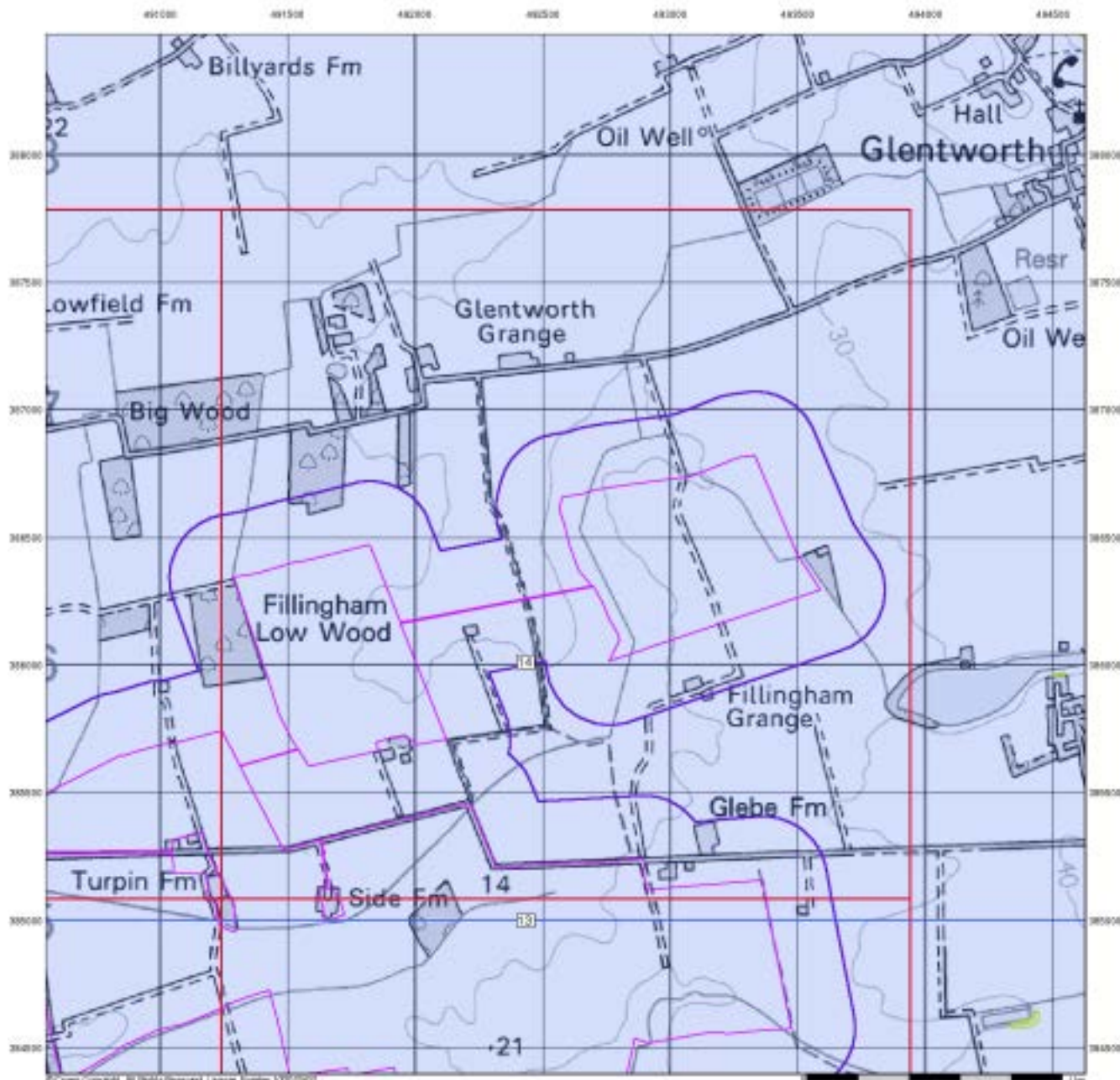
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Ground Stability Data (1:50,000)

### General

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

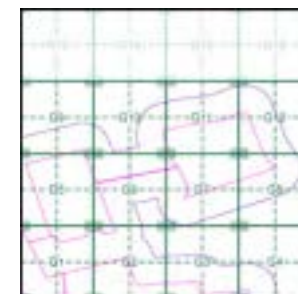
### Potential for Landslide Ground Stability Hazards

- ▭ High
- ▭ Moderate
- ▭ Low
- ▭ Very Low

### Potential for Ground Dissolution Stability Hazards

- ▭ High
- ▭ Moderate
- ▭ Low
- ▭ Very Low

### Mining and Ground Stability - Slice G



### Order Details

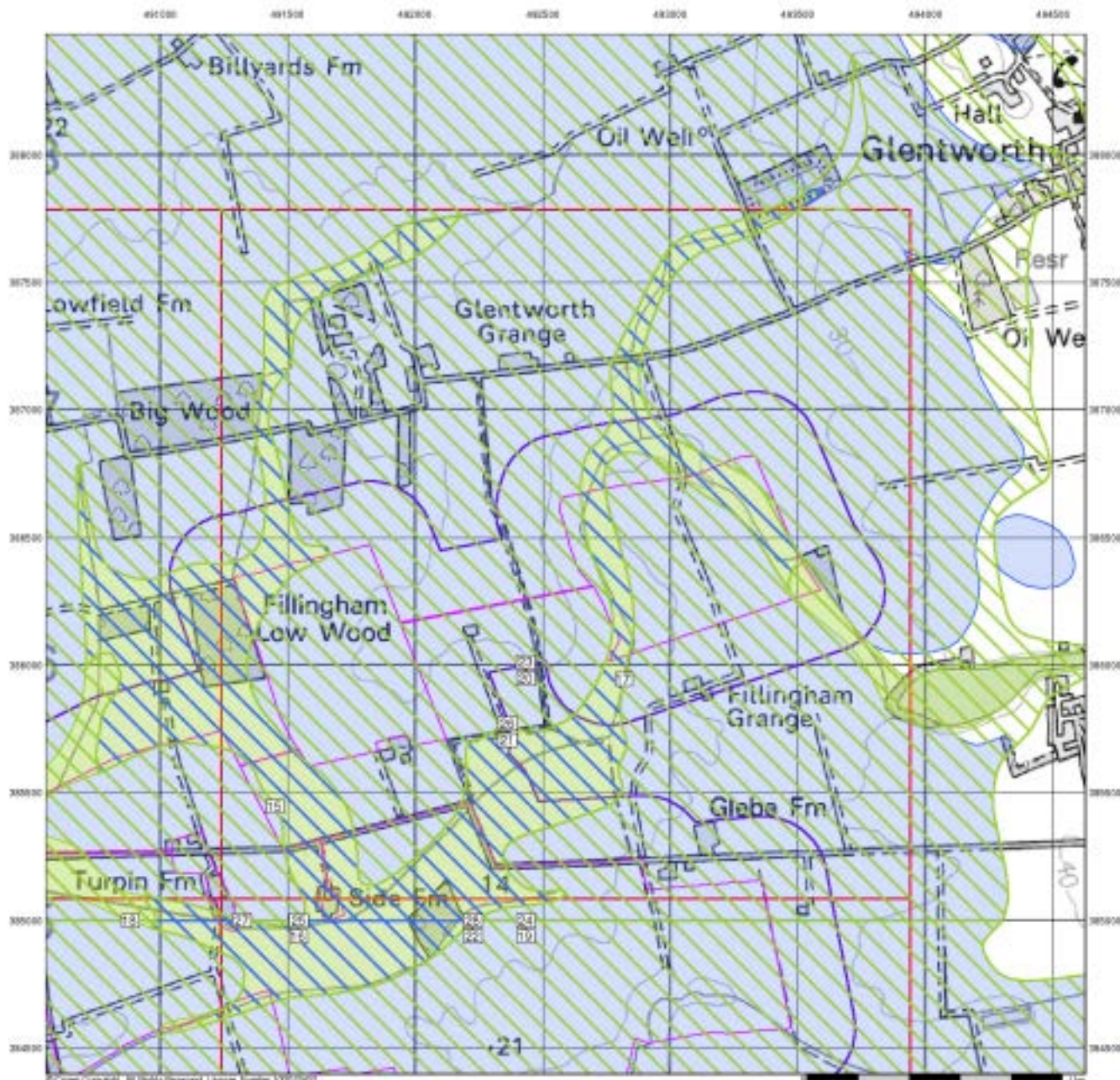
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Ground Stability Data (1:50,000)

### General

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

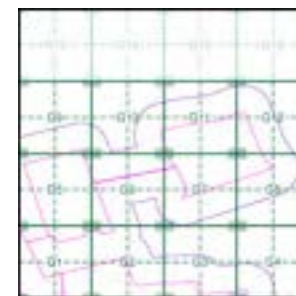
### Potential for Running Sand Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

### Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

### Mining and Ground Stability - Slice G



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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



## Envirocheck<sup>®</sup> Report:

### Mining and Ground Stability Datasheet

#### Order Details:

**Order Number:**  
287330989\_1\_1

**Customer Reference:**  
21-1088.02

**National Grid Reference:**  
492430, 386010

**Slice:**  
G

**Site Area (Ha):**  
884.45

**Search Buffer (m):**  
250

**Site Details:**  
Cottam 1

#### Client Details:

Mr A Howells  
Delta Simons  
3 Henley Office Park  
Doddington Road  
Lincoln  
LN6 3QR

Report Section and Details	Page Number
<b>Summary</b>	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>	
<b>Mining and Natural Cavities Data</b>	-
<p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>	
<b>Historical Land Use Information (1:2,500)</b>	<b>1</b>
<p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p>	
<b>Historical Land Use Information (1:10,000)</b>	-
<p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>	
<b>Ground Stability Data (1:50,000)</b>	<b>2</b>
<p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>	
<b>Historical Map List</b>	<b>4</b>
<p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>	
<b>Data Currency</b>	<b>6</b>
<b>Data Suppliers</b>	<b>7</b>
<b>Useful Contacts</b>	<b>8</b>

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

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#### Report Version v53.0

Data Type	Page Number	On Site	0 to 250m
<b>Mining and Natural Cavities Data</b>			
BGS Recorded Mineral Sites			
Coal Mining Affected Areas			n/a
Man Made Mining Cavities			
Mining Instability			n/a
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential Mining Areas			
<b>Historical Land Use Information (1:2,500)</b>			
Extractive Industries or Potential Excavations from 1855-1909 (100m)			
Extractive Industries or Potential Excavations from 1893-1915 (100m)			
Extractive Industries or Potential Excavations from 1906-1937 (100m)			
Extractive Industries or Potential Excavations from 1924-1949 (100m)			
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 1	2	3
Subterranean Features (100m)			
<b>Historical Land Use Information (1:10,000)</b>			
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining & quarrying general			
Mining of coal & lignite			
Quarrying of sand & clay, operation of sand & gravel pits			
Former Marshes			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
<b>Ground Stability Data (1:50,000)</b>			
CBSCB Compensation District			n/a
Brine Pumping Related Features			
Brine Subsidence Solution Area			
Potential for Collapsible Ground Stability Hazards	pg 2	Yes	
Potential for Compressible Ground Stability Hazards	pg 2	Yes	
Potential for Ground Dissolution Stability Hazards	pg 2	Yes	
Potential for Landslide Ground Stability Hazards	pg 2	Yes	
Potential for Running Sand Ground Stability Hazards	pg 2	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 3	Yes	
Salt Mining Related Features			

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	G5SE (W)	0	-	491809 385934
2	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	G1SE (SW)	0	-	491620 385205
3	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	G7NW (NE)	11	-	492684 386280
4	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	G3SE (SE)	34	-	492933 385222
5	<b>Extractive Industries or Potential Excavations from 1950-1980</b> Use: Pond First Map Published 1974 Date: Last Map Published N/A Date:	G2NW (SW)	35	-	491955 385455

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>CBSCB Compensation District</b> The site does not fall within the brine compensation area.				
	<b>Brine Subsidence Solution Area</b> The site does not fall within the brine subsidence solution area.				
6	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	492434 385000
7	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G1NW (SW)	0	1	491451 385445
8	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	491545 385000
9	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G6SE (SW)	0	1	492434 386011
10	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490883 385000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	G6SE (S)	0	1	492361 385770
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	492227 385000
11	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	G6SE (S)	0	1	492361 385770
12	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	492227 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	492434 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	G1NW (SW)	0	1	491451 385445
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	491545 385000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	G6SE (SW)	0	1	492434 386011
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490883 385000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	G6SE (SW)	0	1	492434 386011
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	492434 385000
13	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	492434 385000
14	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G6SE (SW)	0	1	492434 386011
15	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G1NW (SW)	0	1	491451 385445

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	491545 385000
17	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G7SW (E)	0	1	492818 385945
18	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	490883 385000
19	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	492434 385000
20	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G6SE (SW)	0	1	492434 386011
21	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	G6SE (S)	0	1	492361 385770
22	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	492227 385000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	494227 384918
23	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	G6SE (SW)	0	1	492434 386011
24	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	492434 385000
25	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	491545 385000
26	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G6SE (S)	0	1	492361 385770
27	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	491320 385000
28	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	492227 385000

The following mapping has been analysed for Historical Land Use Information (1:2,500):

1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	SK9185	1974
Ordnance Survey Plan	SK9185	1974
Ordnance Survey Plan	SK9185	1974
Ordnance Survey Plan	SK9185	1974
Ordnance Survey Plan	SK9186	1974
Ordnance Survey Plan	SK9186	1974
Ordnance Survey Plan	SK9186	1974
Ordnance Survey Plan	SK9186	1974
Ordnance Survey Plan	SK9187	1974
Ordnance Survey Plan	SK9187	1974
Ordnance Survey Plan	SK9285	1974
Ordnance Survey Plan	SK9285	1974
Ordnance Survey Plan	SK9285	1974
Ordnance Survey Plan	SK9285	1974
Ordnance Survey Plan	SK9286	1974
Ordnance Survey Plan	SK9286	1974
Ordnance Survey Plan	SK9286	1974
Ordnance Survey Plan	SK9286	1974
Ordnance Survey Plan	SK9287	1974
Ordnance Survey Plan	SK9287	1974
Ordnance Survey Plan	SK9385	1974
Ordnance Survey Plan	SK9385	1974
Ordnance Survey Plan	SK9385	1974
Ordnance Survey Plan	SK9385	1974
Ordnance Survey Plan	SK9386	1974
Ordnance Survey Plan	SK9386	1974
Ordnance Survey Plan	SK9386	1974
Ordnance Survey Plan	SK9386	1974
Ordnance Survey Plan	SK9387	1974
Ordnance Survey Plan	SK9387	1974










The following mapping has been analysed for Historical Land Use Information (1:10,000):

<b>1:10,560</b>	<b>Mapsheets</b>	<b>Published Date</b>
Lincolnshire	043_SE	1891
Lincolnshire	044_SW	1891
Lincolnshire	051_NE	1891
Lincolnshire	052_NW	1891
Lincolnshire	043_SE	1907
Lincolnshire	044_SW	1907
Lincolnshire	051_NE	1907
Lincolnshire	052_NW	1907
Lincolnshire	043_SE	1947
Lincolnshire	044_SW	1947
Lincolnshire	051_NE	1947
Lincolnshire	052_NW	1947
Ordnance Survey Plan	SK98NW	1956
<b>1:10,000</b>	<b>Mapsheets</b>	<b>Published Date</b>
Ordnance Survey Plan	SK98NW	1979

<b>Mining and Cavities Data</b>	<b>Version</b>	<b>Update Cycle</b>
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Man Made Mining Cavities</b> Stantec UK Ltd	May 2021	Bi-Annually
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Natural Cavities</b> Stantec UK Ltd	May 2021	Bi-Annually
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Historical Land Use Information (1:2,500)</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Subterranean Features</b> Landmark Information Group Limited	February 2020	Bi-Annually
<b>Ground Stability Data (1:50,000)</b>	<b>Version</b>	<b>Update Cycle</b>
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Brine Subsidence Solution Area</b> Johnson Poole & Bloomer	December 2020	Annual Rolling Update

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a> Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: <a href="mailto:customerservices@landmarkinfo.co.uk">customerservices@landmarkinfo.co.uk</a> Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a>

**General**

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

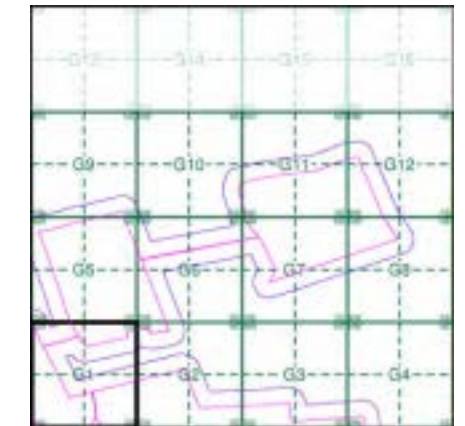
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment G1**

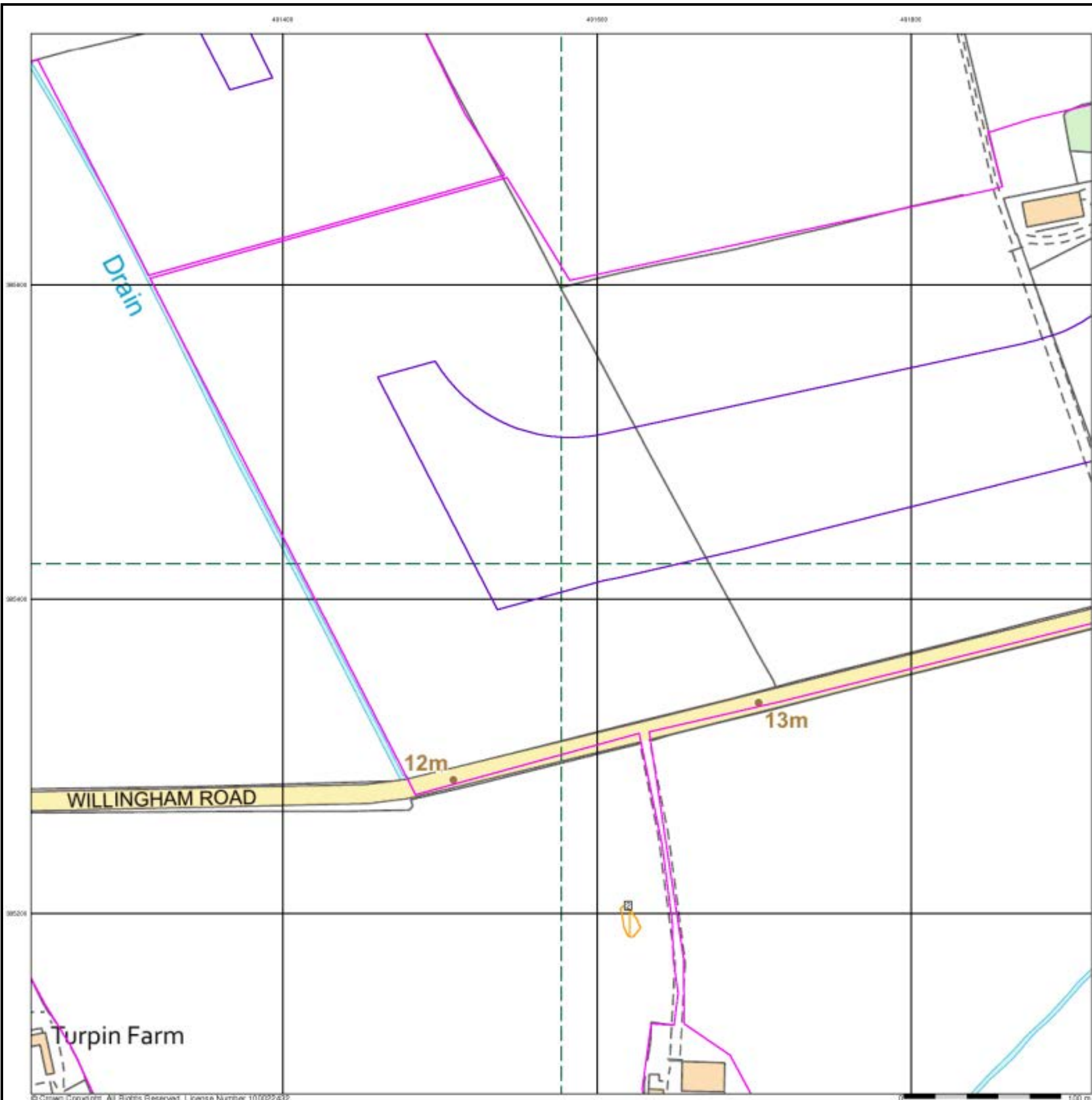


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1



#### General

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

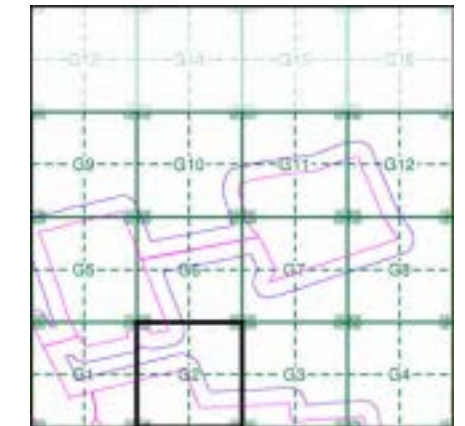
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment G2

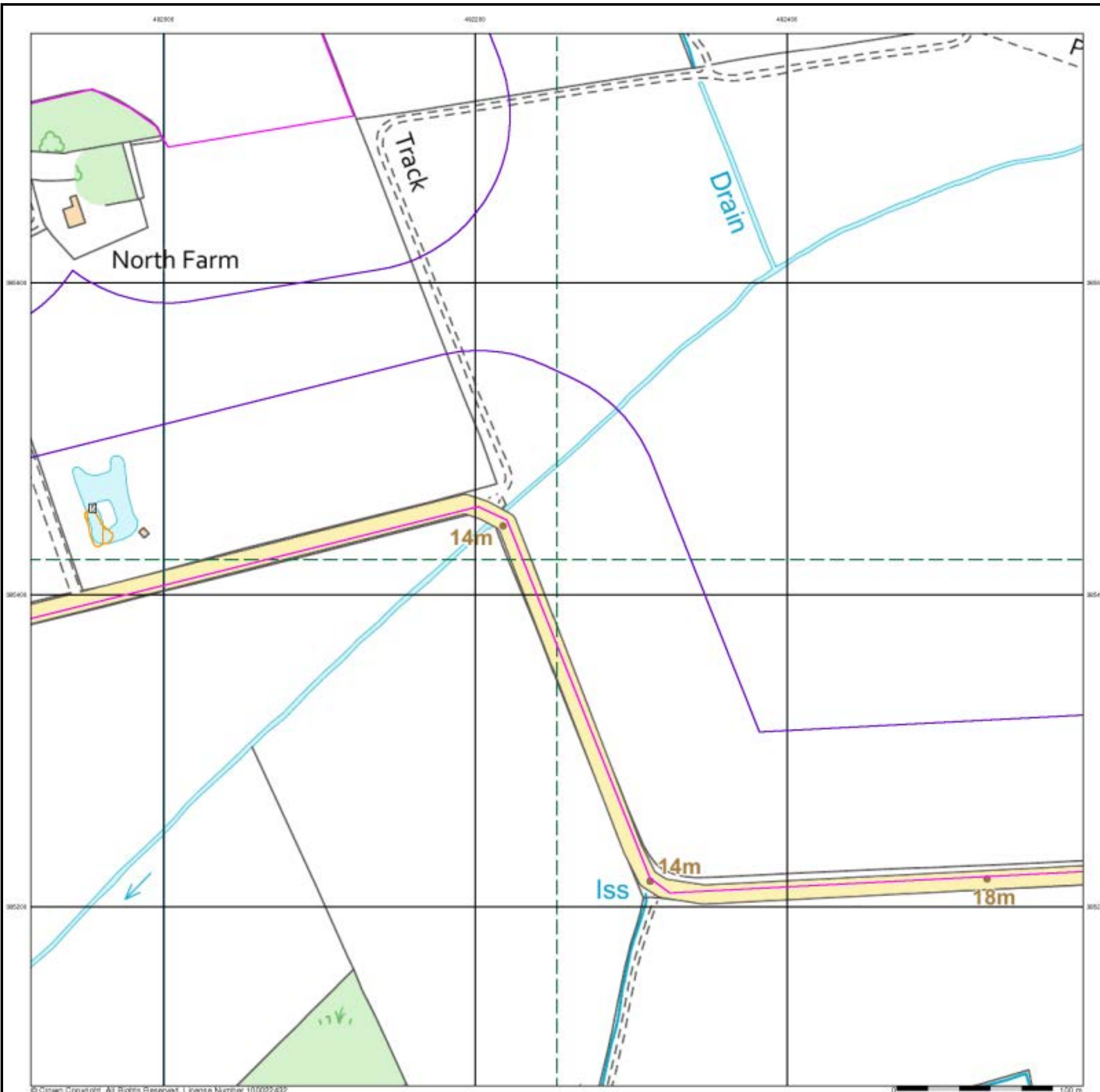


#### Order Details






Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details













Cottam 1



**General**

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

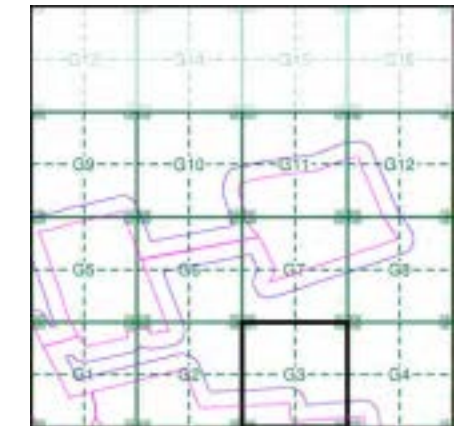
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features			

**Mining and Ground Stability - Segment G3**

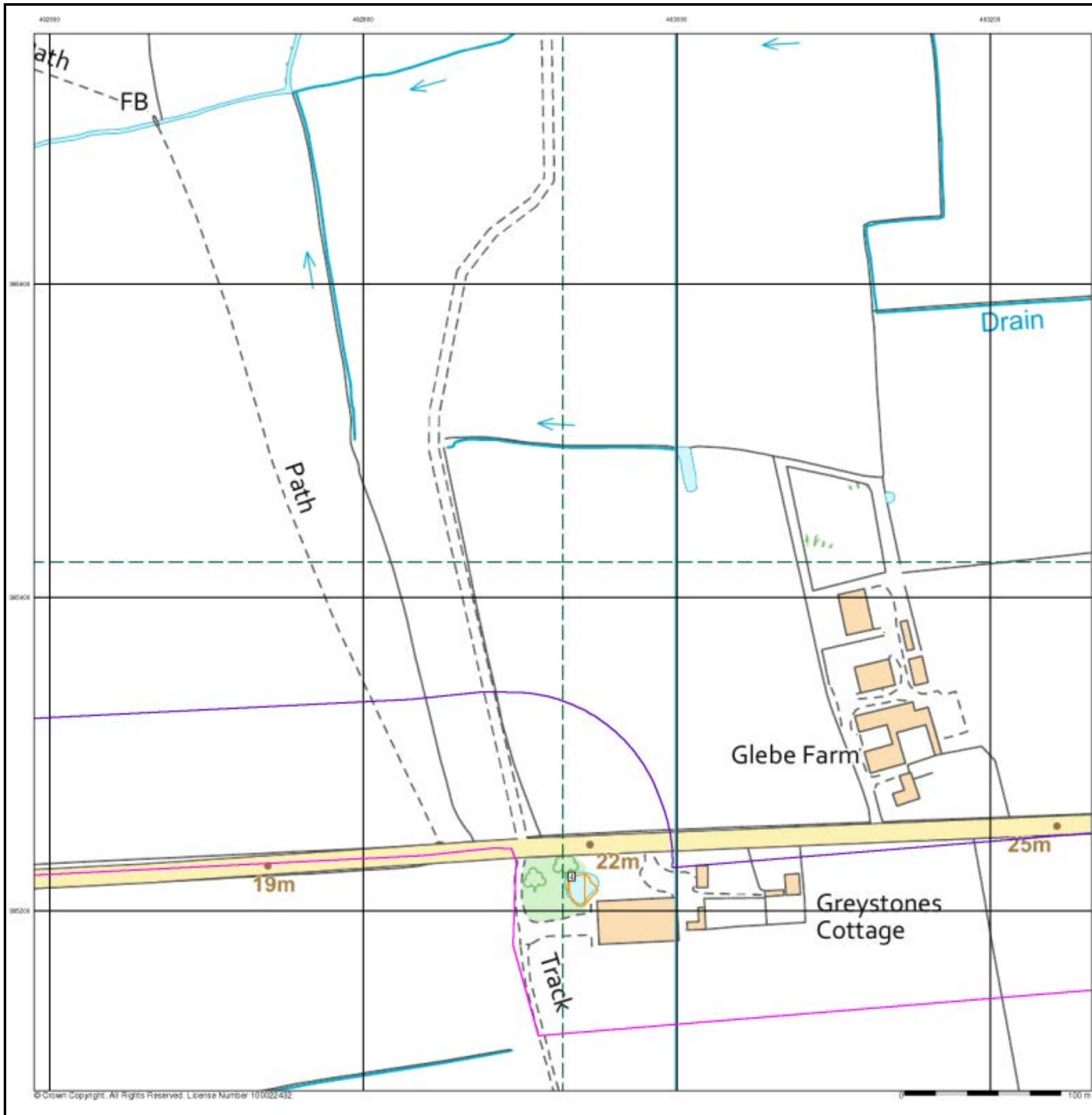


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1



#### General

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

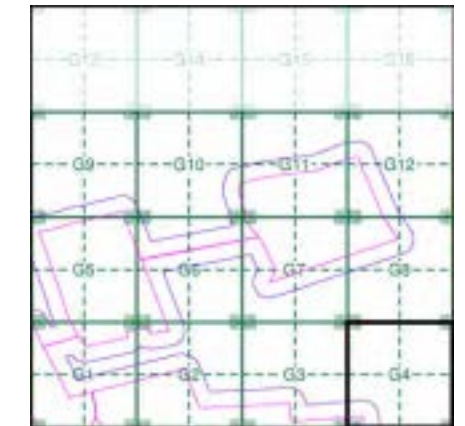
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment G4

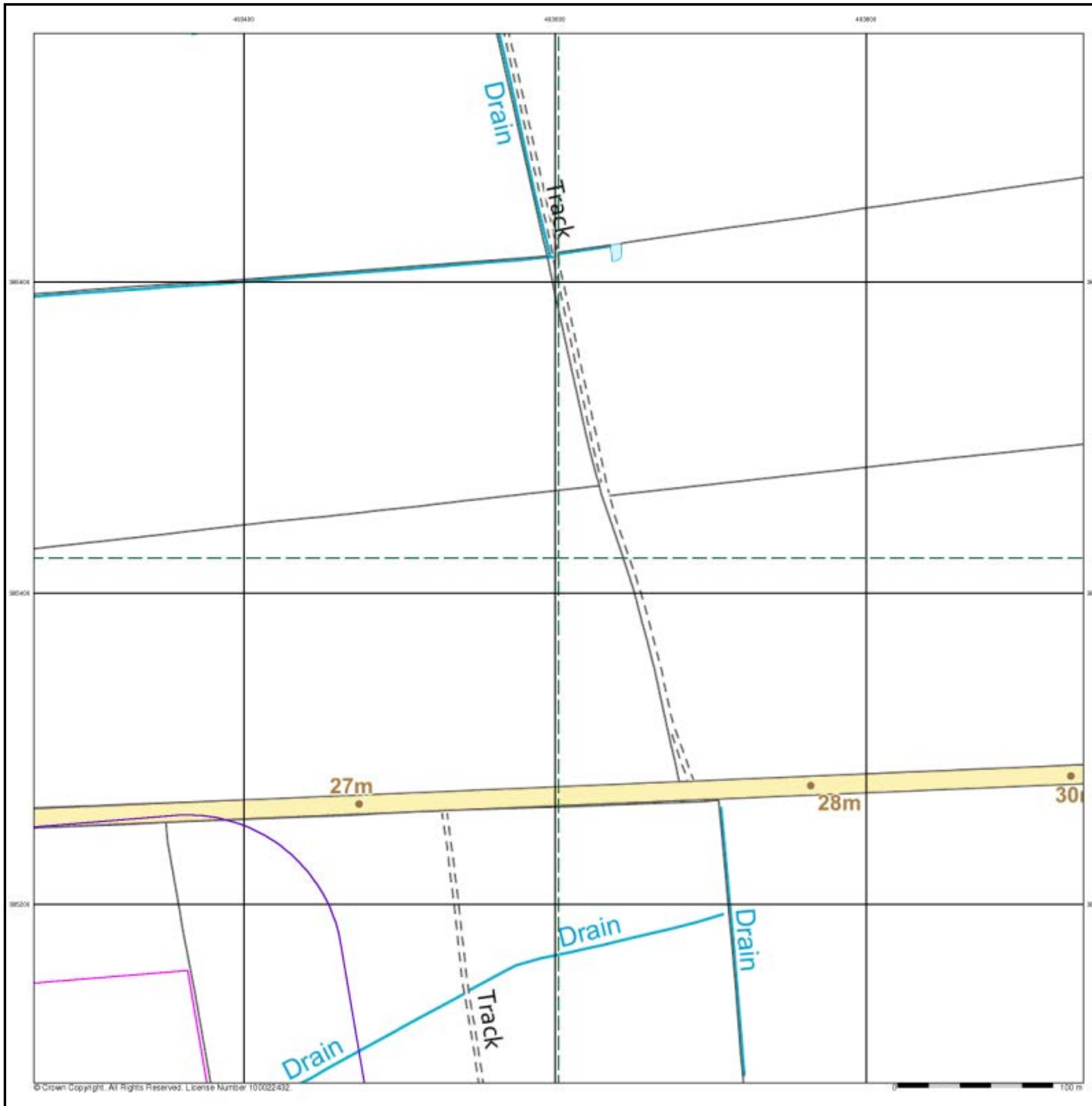


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1





## Historical Land Use Information (1:2,500)

### General

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

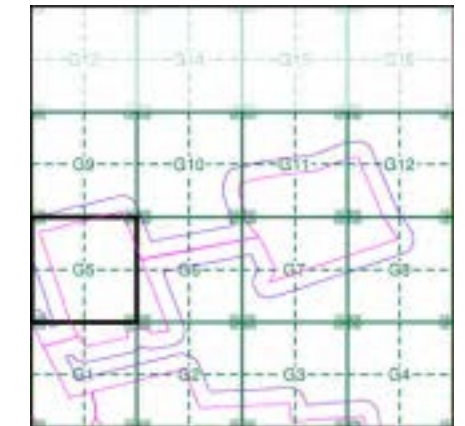
### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

### Mining and Ground Stability - Segment G5

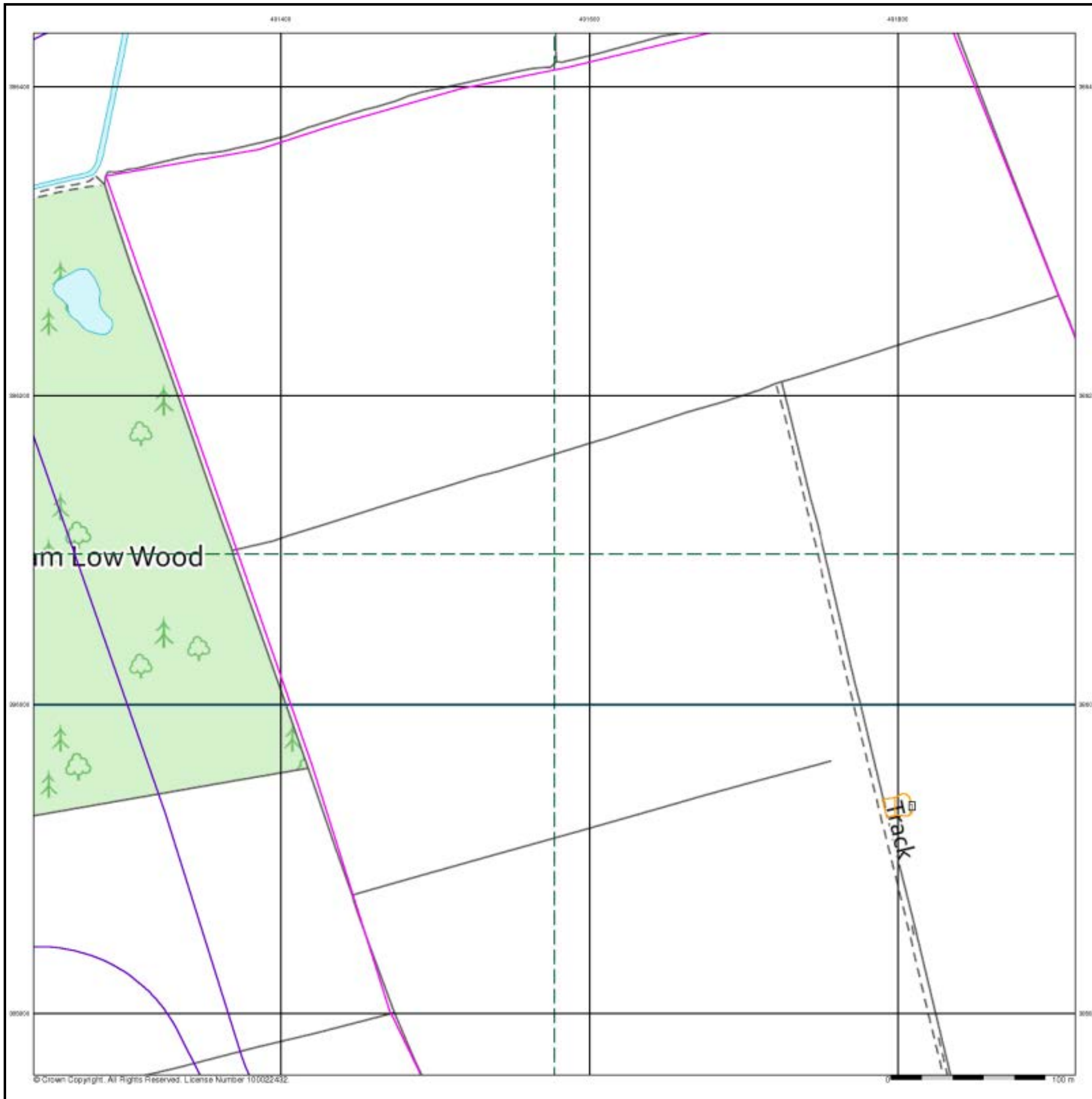


### Order Details






Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

### Site Details
















Cottam 1



**General**

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

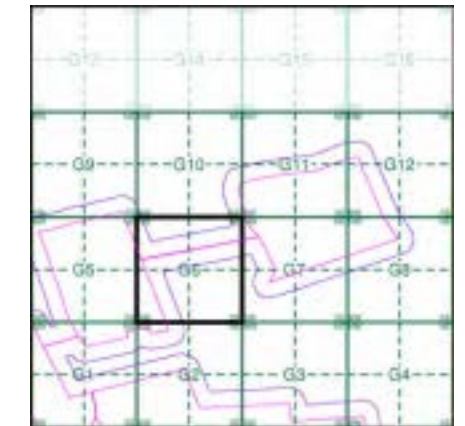
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1980			

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features			

**Mining and Ground Stability - Segment G6**

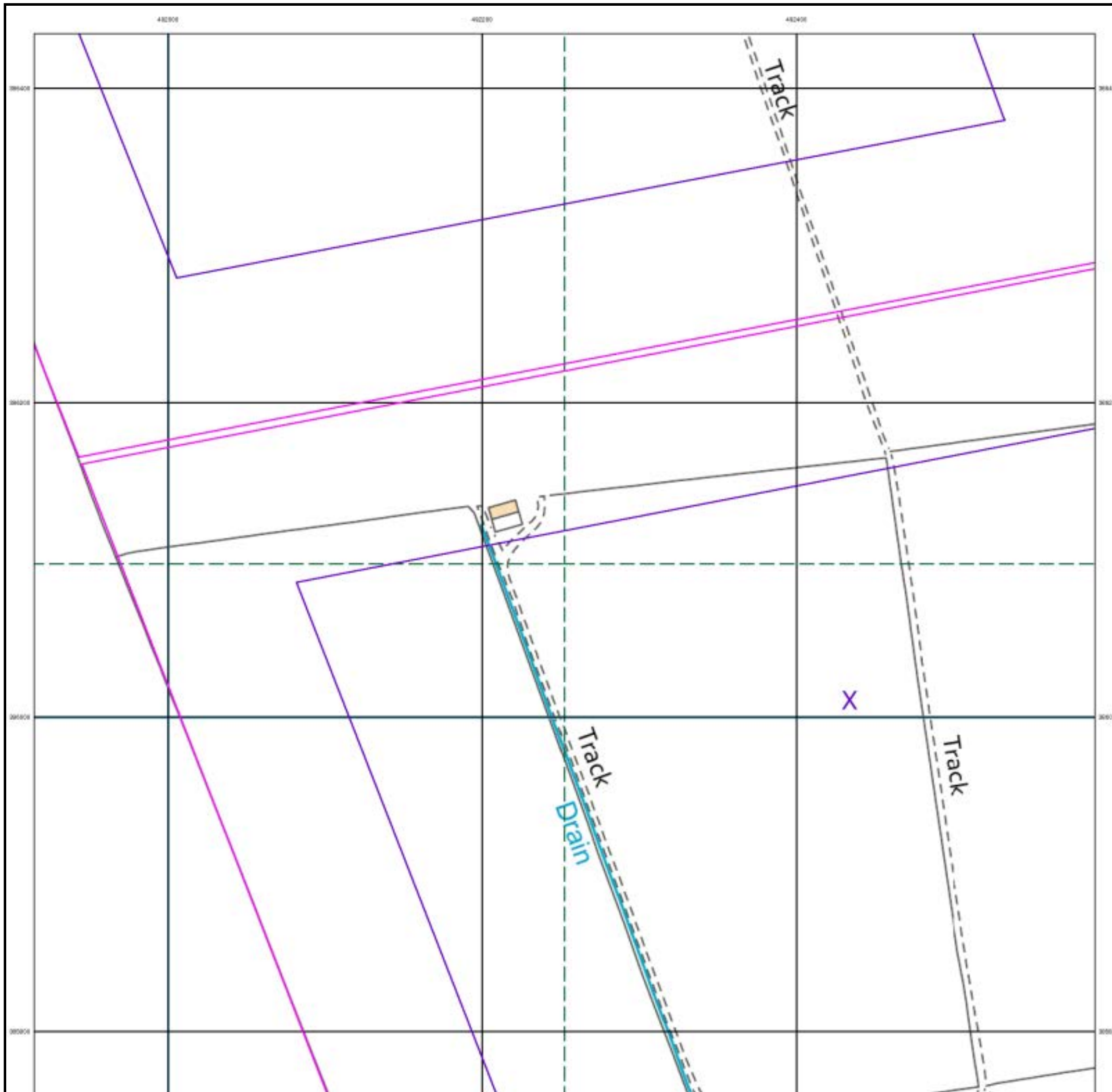


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1



#### General

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

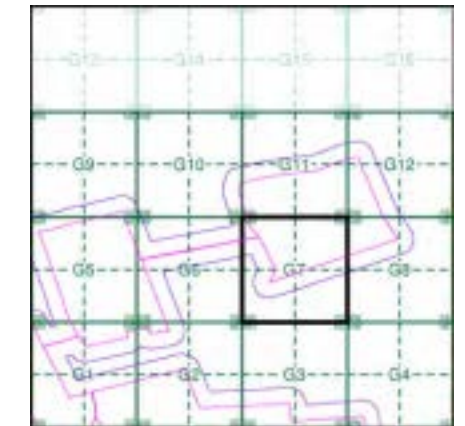
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment G7

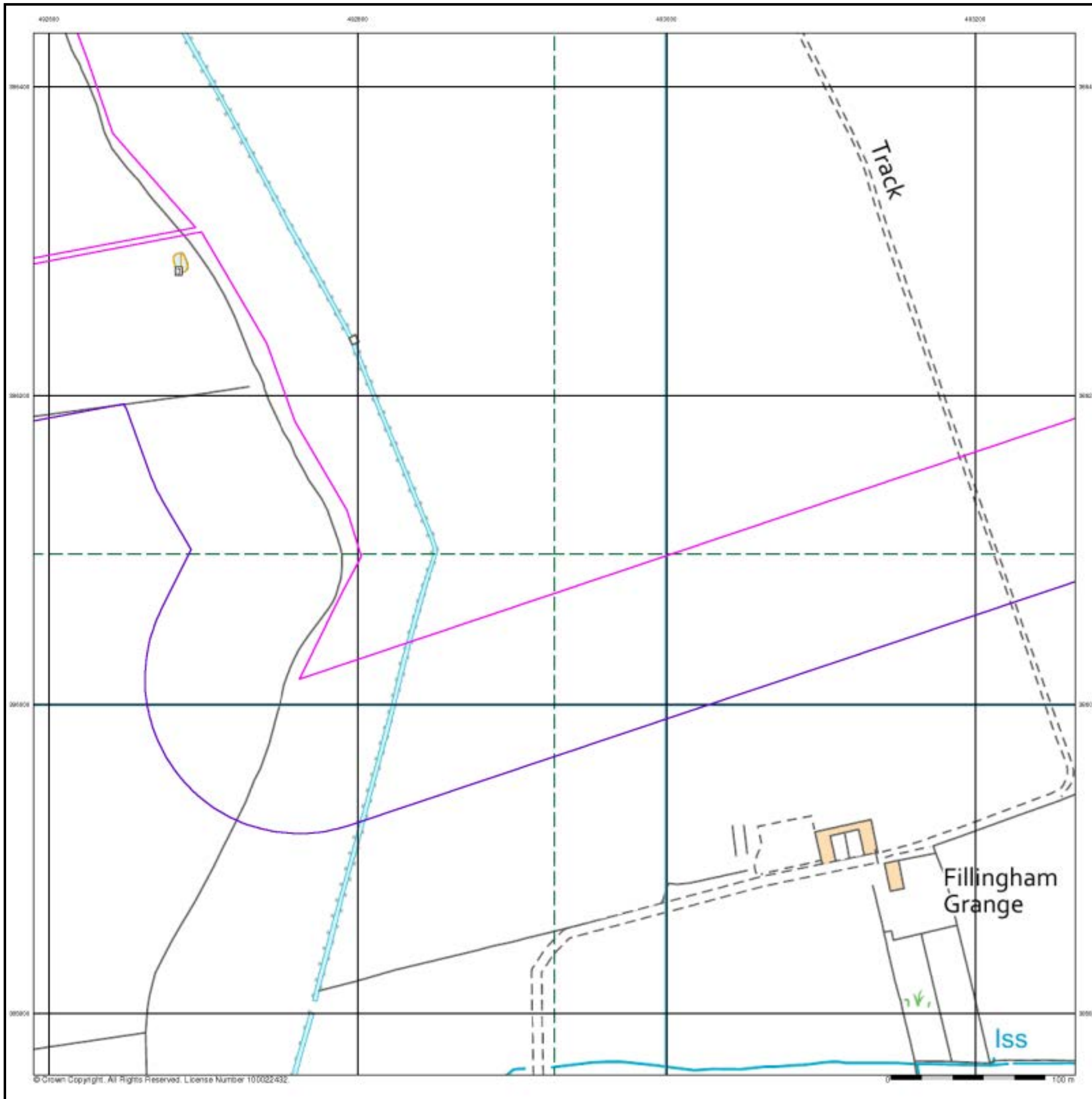


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



#### General

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

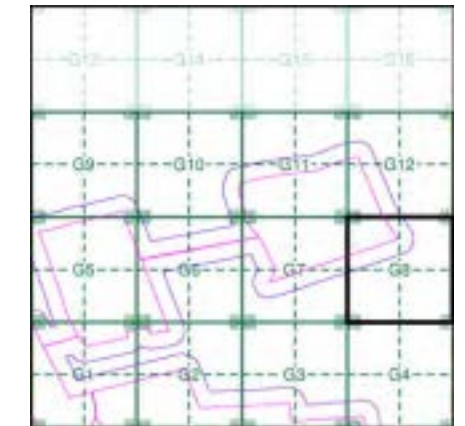
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▧
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▩
Extractive Industries Activity from 1950 - 1980	▲	—	▪

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

#### Mining and Ground Stability - Segment G8

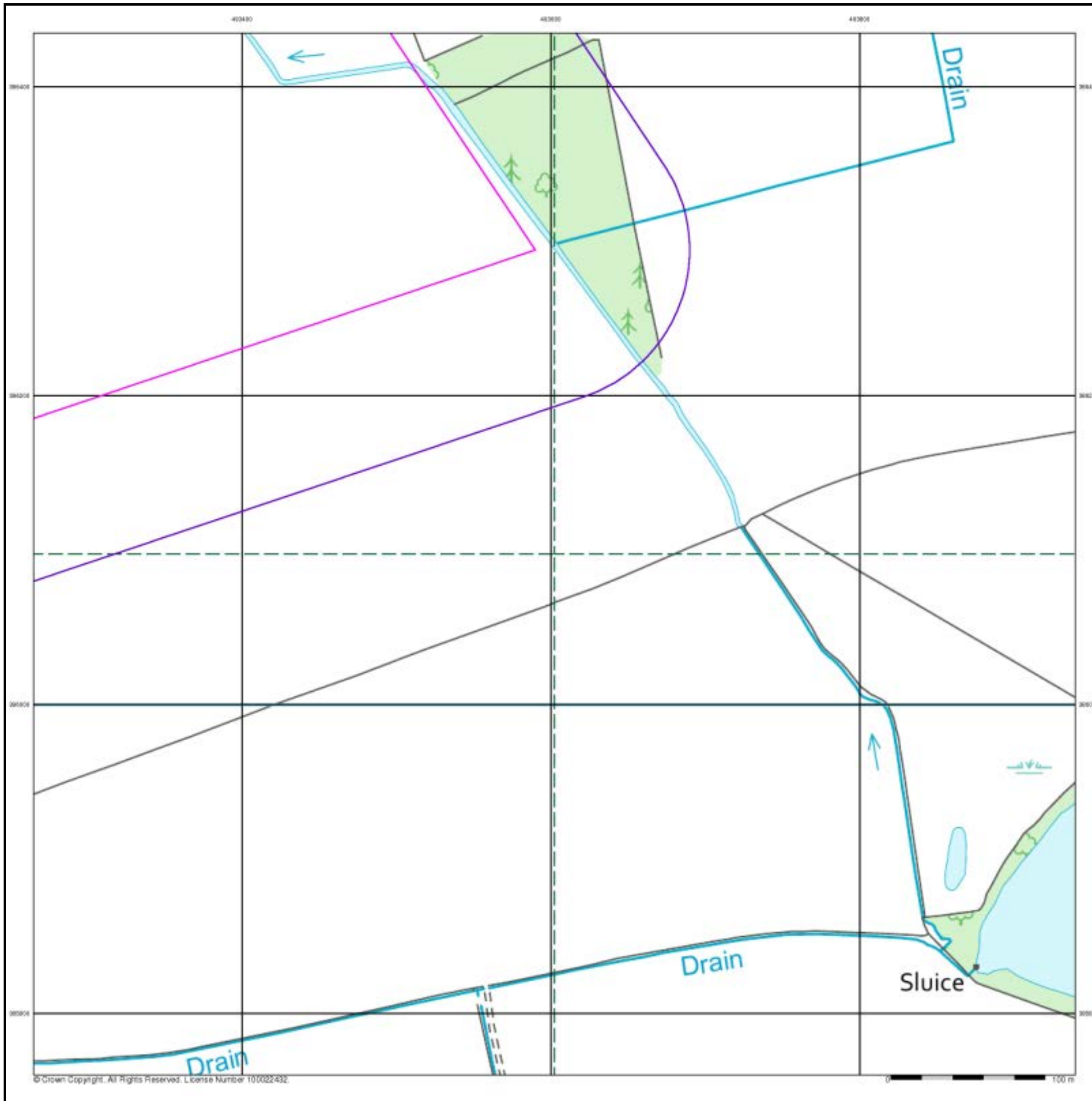


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details

Cottam 1



**General**

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

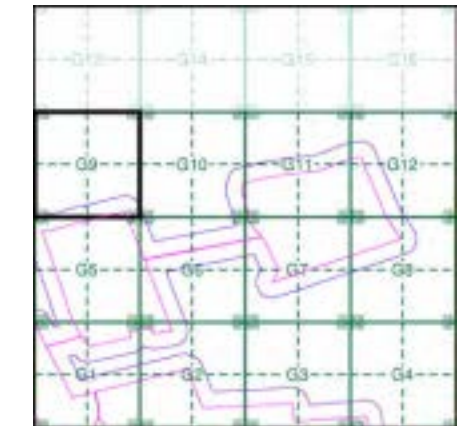
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment G9**



**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1



**General**

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

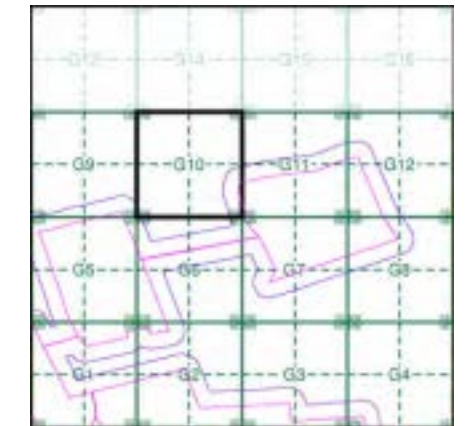
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▧
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▩
Extractive Industries Activity from 1950 - 1960	▲	—	▪

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment G10**

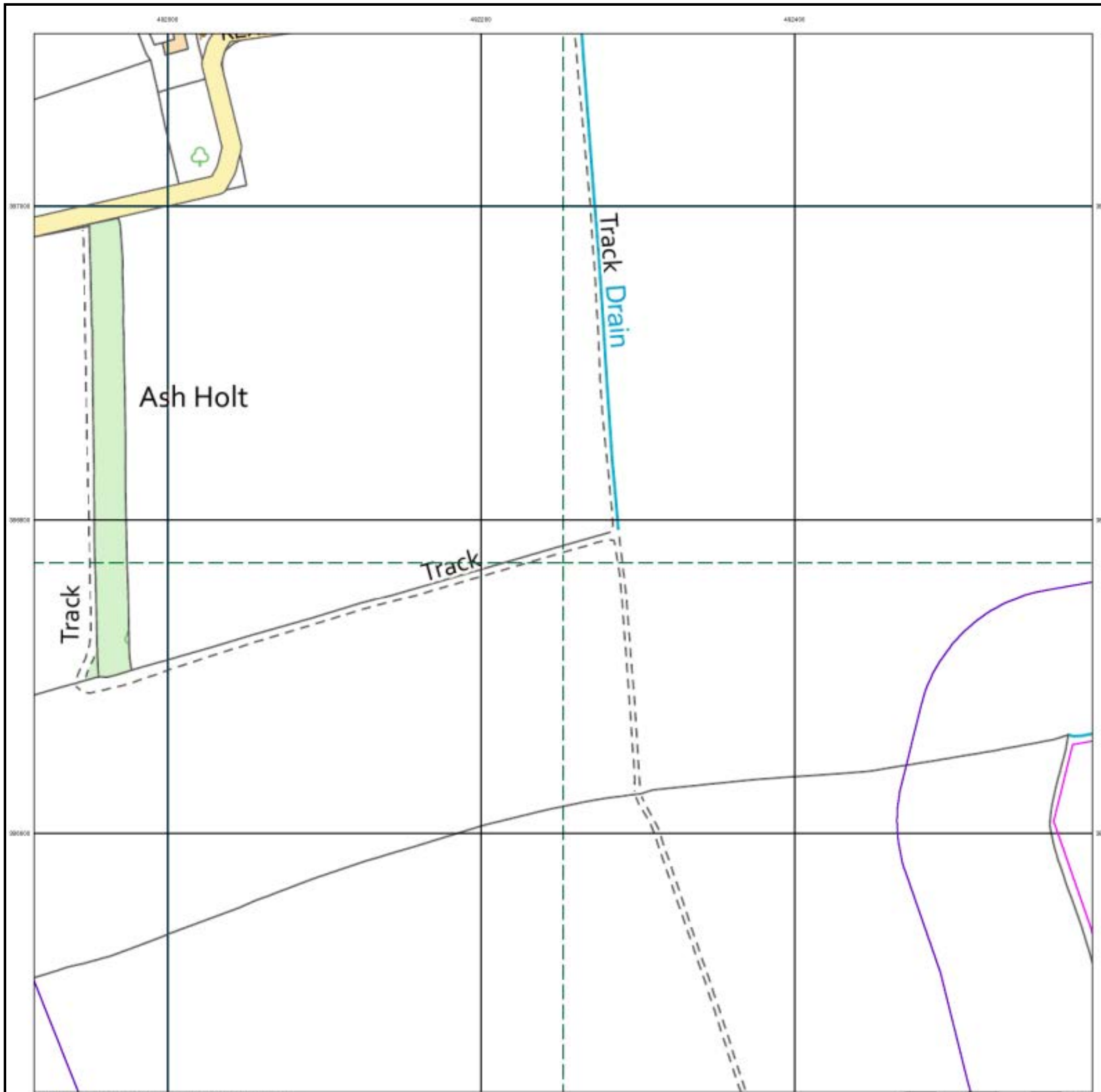


**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**

Cottam 1



**General**

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

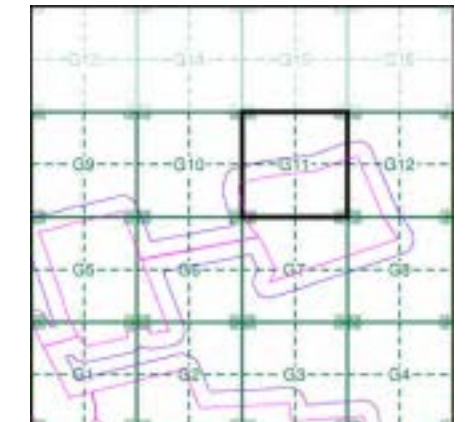
**Potentially Contaminative Industrial Uses (Extractive Industries Activity)**

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1960	▲	—	■

**Subterranean Features**

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

**Mining and Ground Stability - Segment G11**

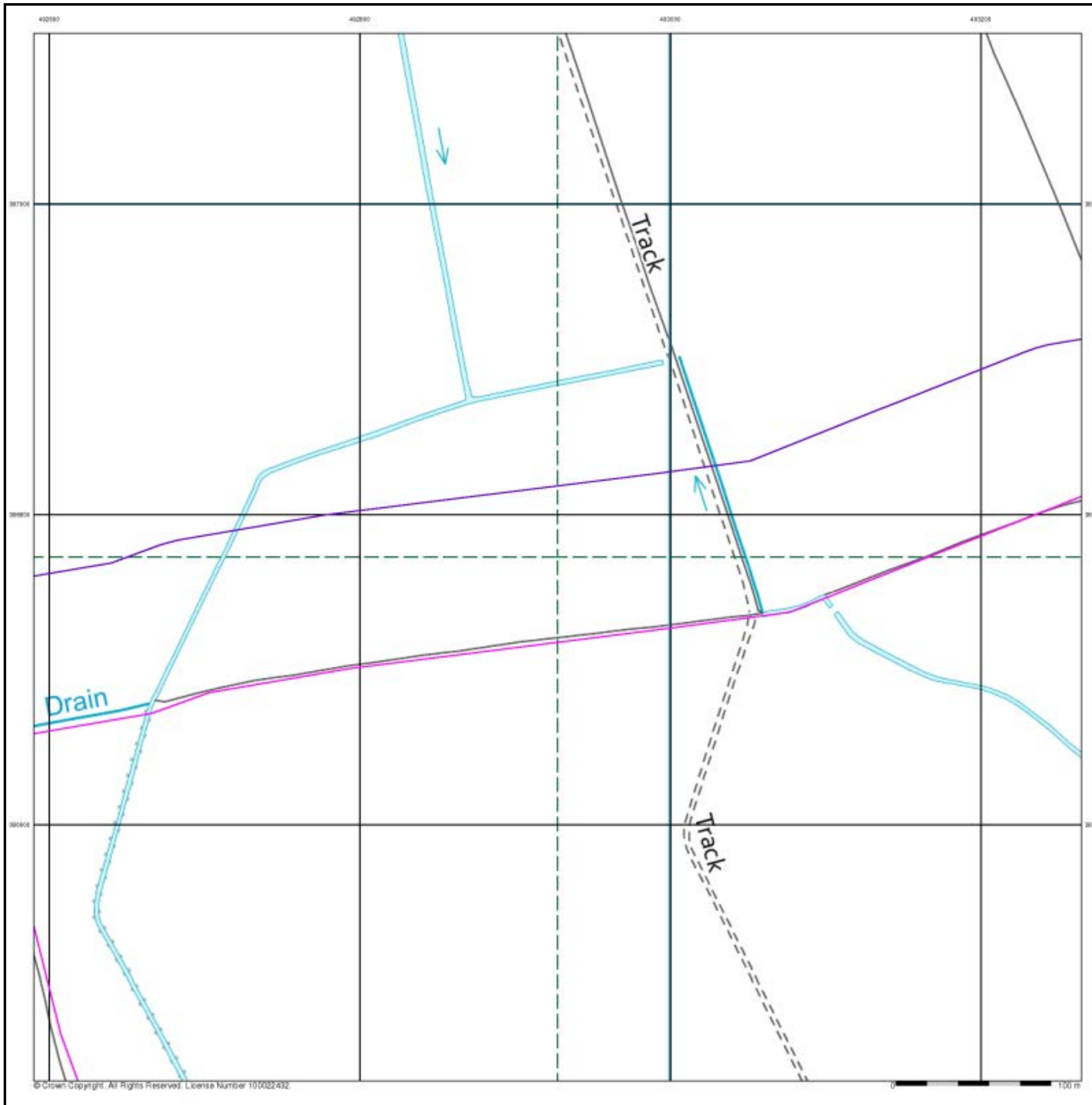


**Order Details**






Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

**Site Details**
















Cottam 1



#### General

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

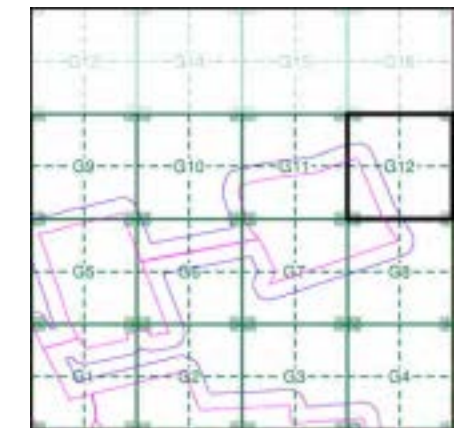
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1960			

#### Subterranean Features

	Point	Line	Polygon
Subterranean Features			

#### Mining and Ground Stability - Segment G12

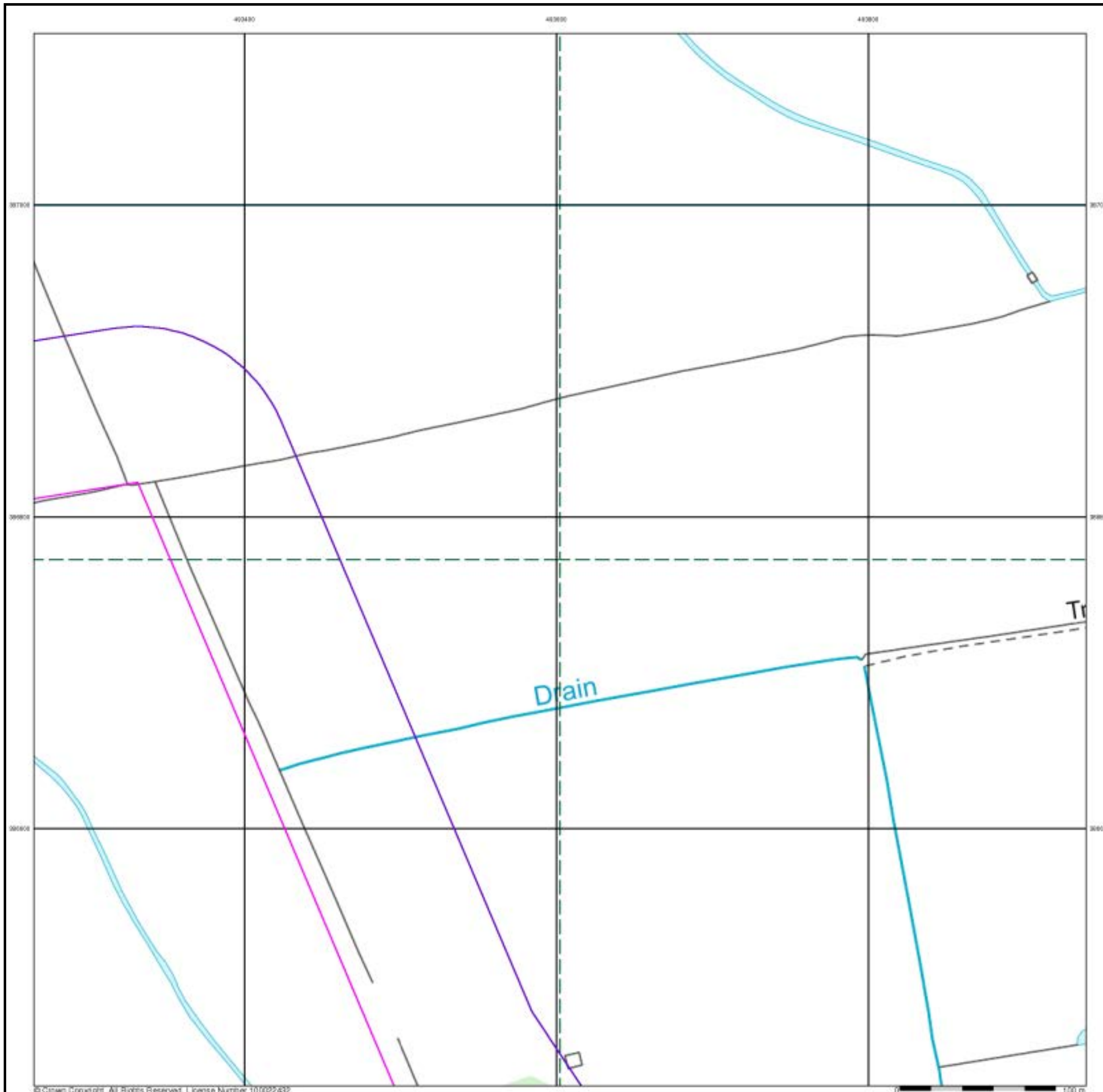


#### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Plot Buffer (m): 100

#### Site Details




Cottam 1








## Geology 1:50,000 Maps Legends

### Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WHM	Whitby Mudstone Formation	Mudstone	Not Supplied - Toarcian
	MRB	Marlstone Rock Formation	Ferruginous Limestone and Ferruginous Sandstone	Not Supplied - Pliensbachian
	CHAM	Chamouth Mudstone Formation	Mudstone	Not Supplied - Sinemurian



### Geology 1:50,000 Maps

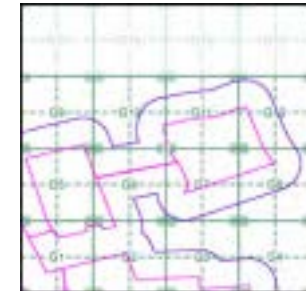
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:	102
Map Name:	Market Rasen
Map Date:	1999
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Not Available
Faults:	Not Supplied
Landslip:	Not Available
Rock Segments:	Not Supplied

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

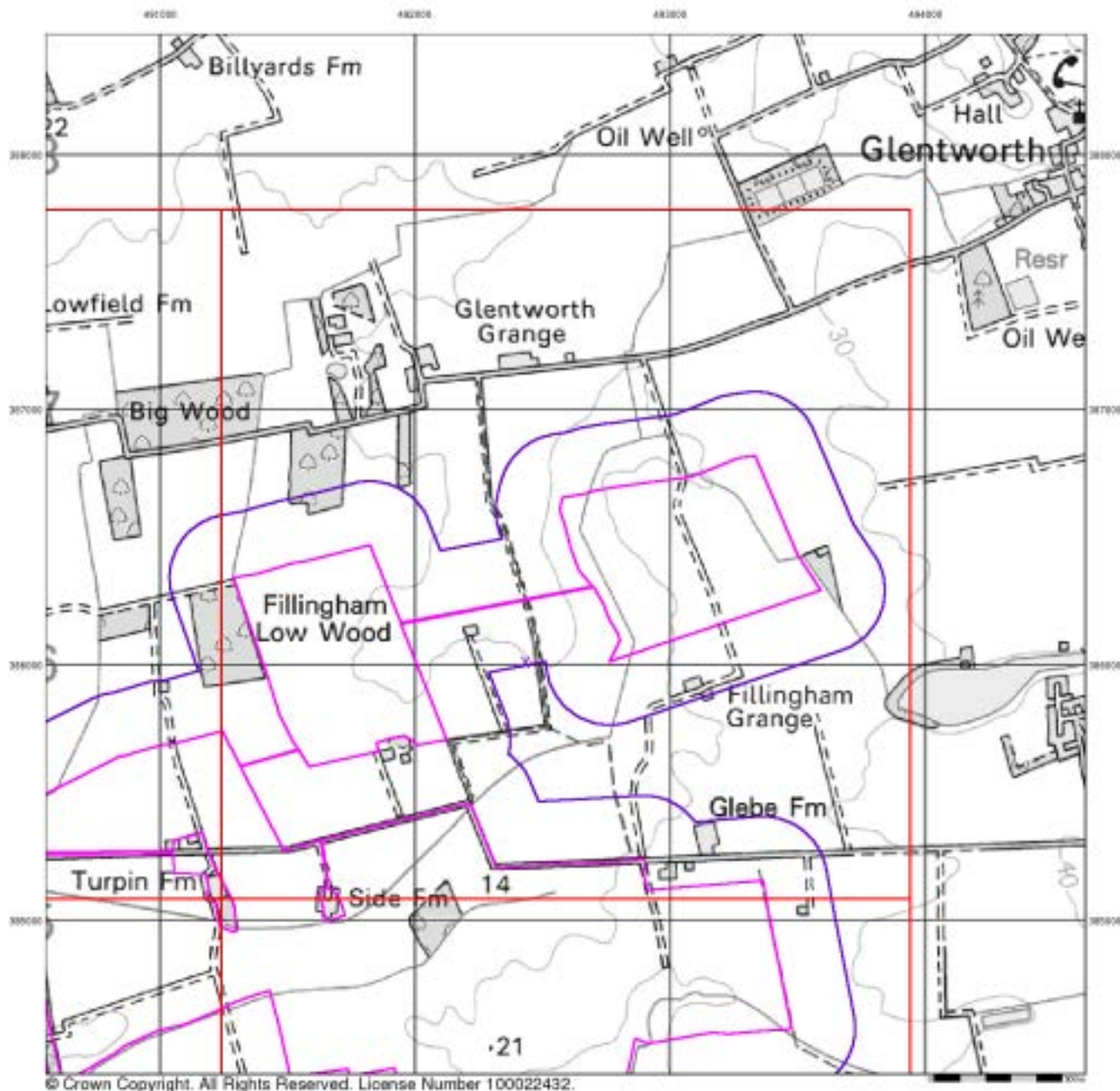


### Order Details:

Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	492430, 386010
Slice:	G
Site Area (Ha):	884.45
Search Buffer (m):	250

### Site Details:

Cottam 1



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### Artificial Ground and Landslip

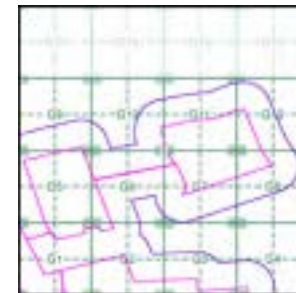
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



#### Order Details:

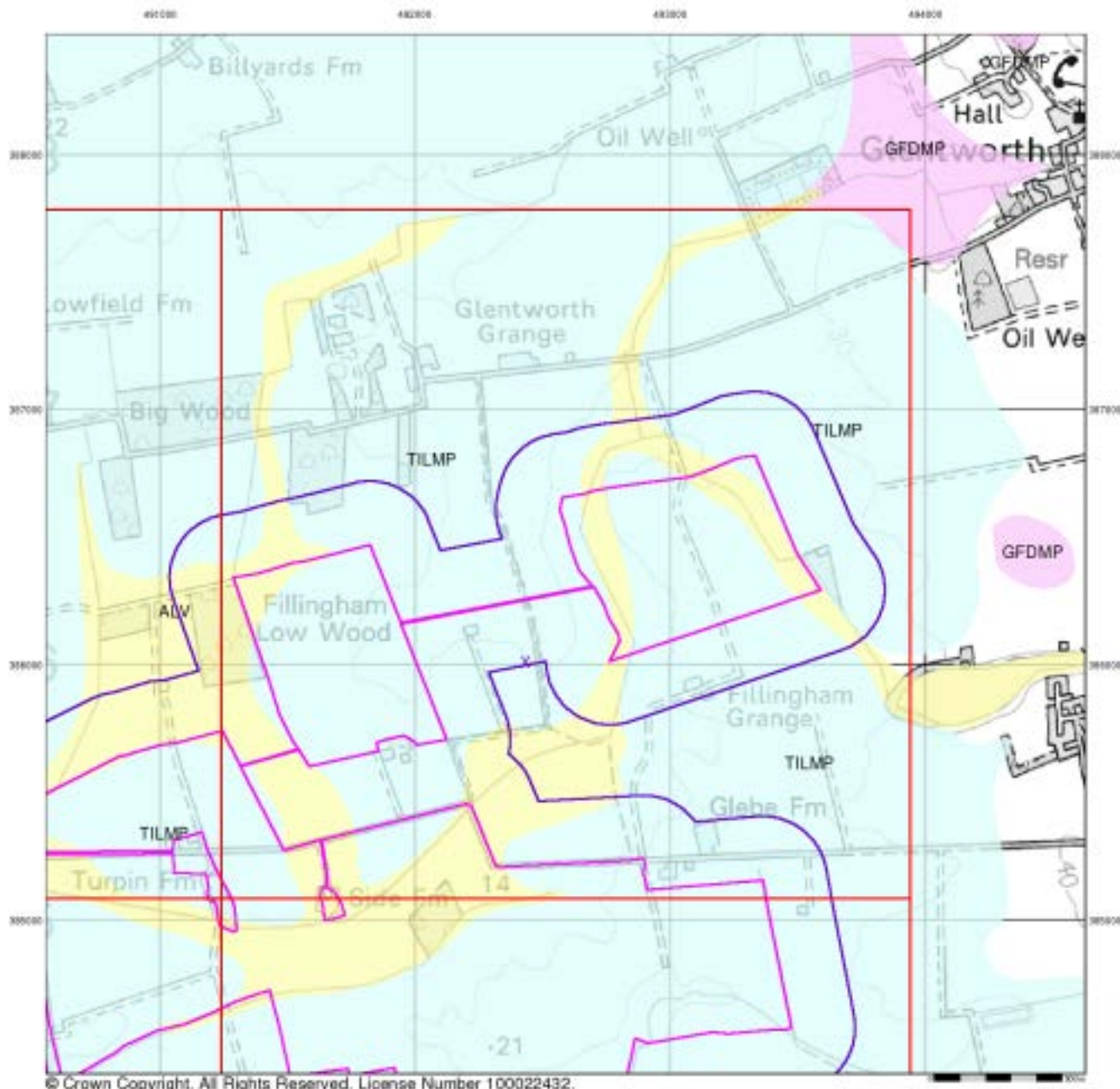
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Customer Reference:	21-1088.02
National Grid Reference:	492430, 386010
Slice:	G
Site Area (Ha):	884.45
Search Buffer (m):	250

#### Site Details:

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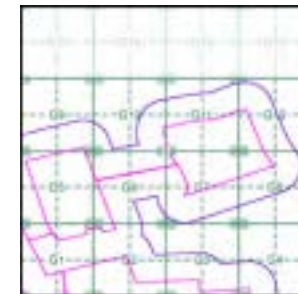
### Superficial Geology

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

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

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

### Superficial Geology Map - Slice G



#### Order Details:

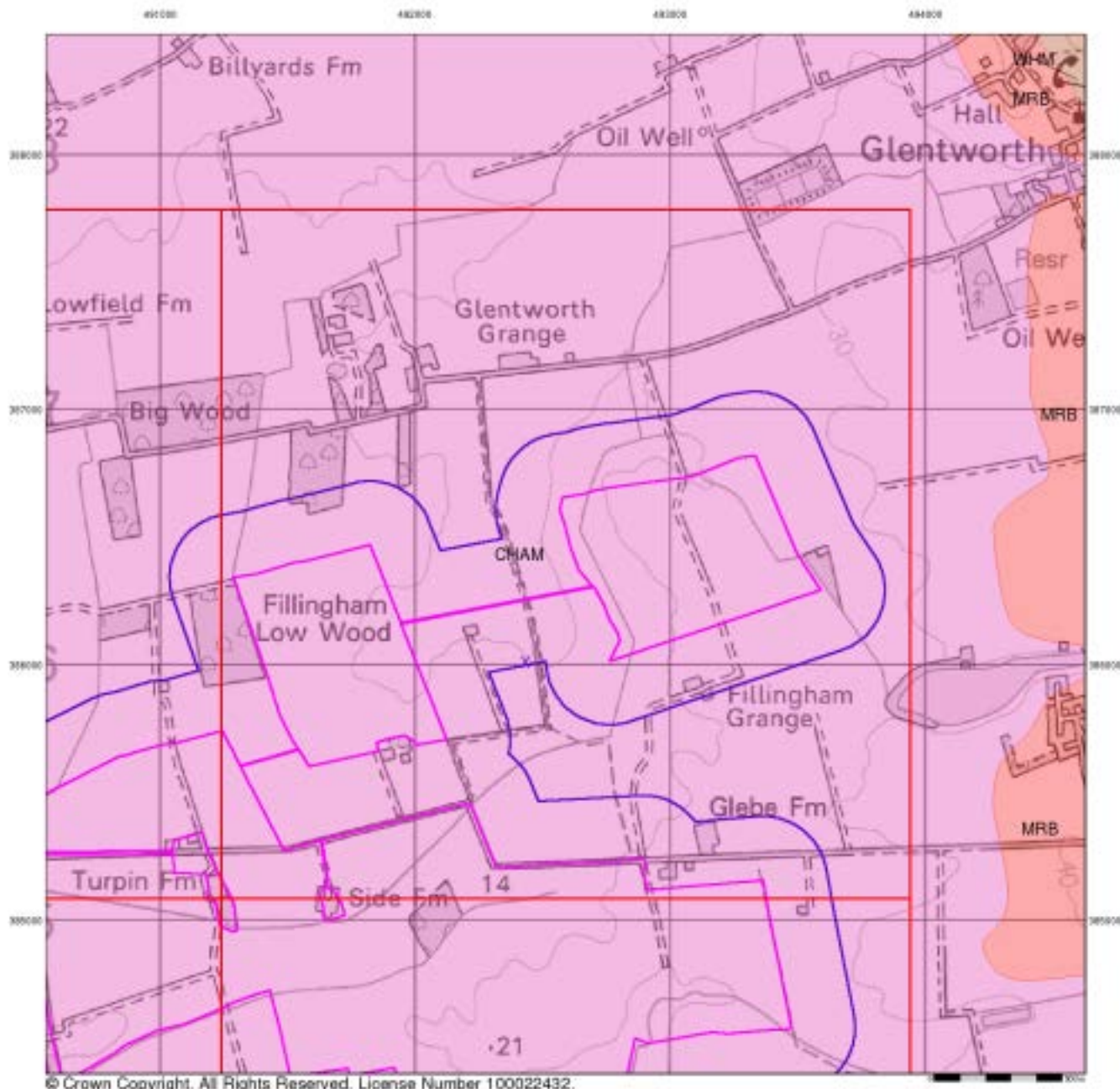
Order Number: 287330989\_1\_1  
 Customer Reference: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

#### Site Details:

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### Bedrock and Faults

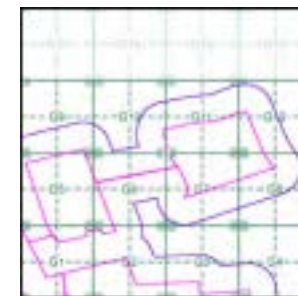
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

### Bedrock and Faults Map - Slice G



### Order Details:

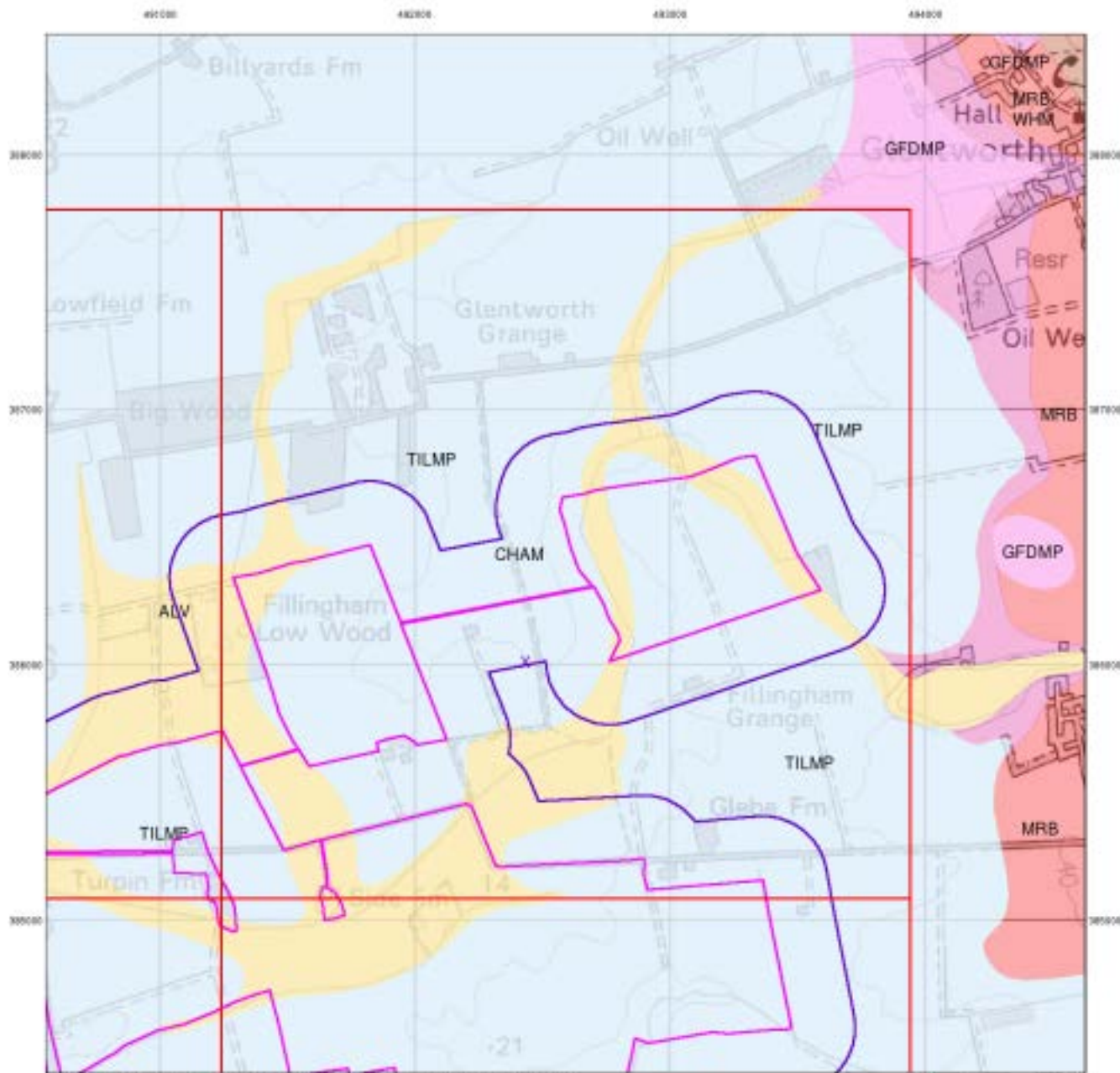
Order Number: 287330989\_1\_1  
 Customer Reference: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details:

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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 G



### Order Details:

Order Number:	287330989_1_1
Customer Reference:	21-1088.02
National Grid Reference:	492430, 386010
Slice:	G
Site Area (Ha):	884.45
Search Buffer (m):	250

### Site Details:

Cottam 1



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

### Index Map

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

#### Slice

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

#### Segment

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

#### Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

### Client Details

Mr A Howells, Delta Simons, 3 Henley Office Park,  
Doddington Road, Lincoln, LN6 3QR

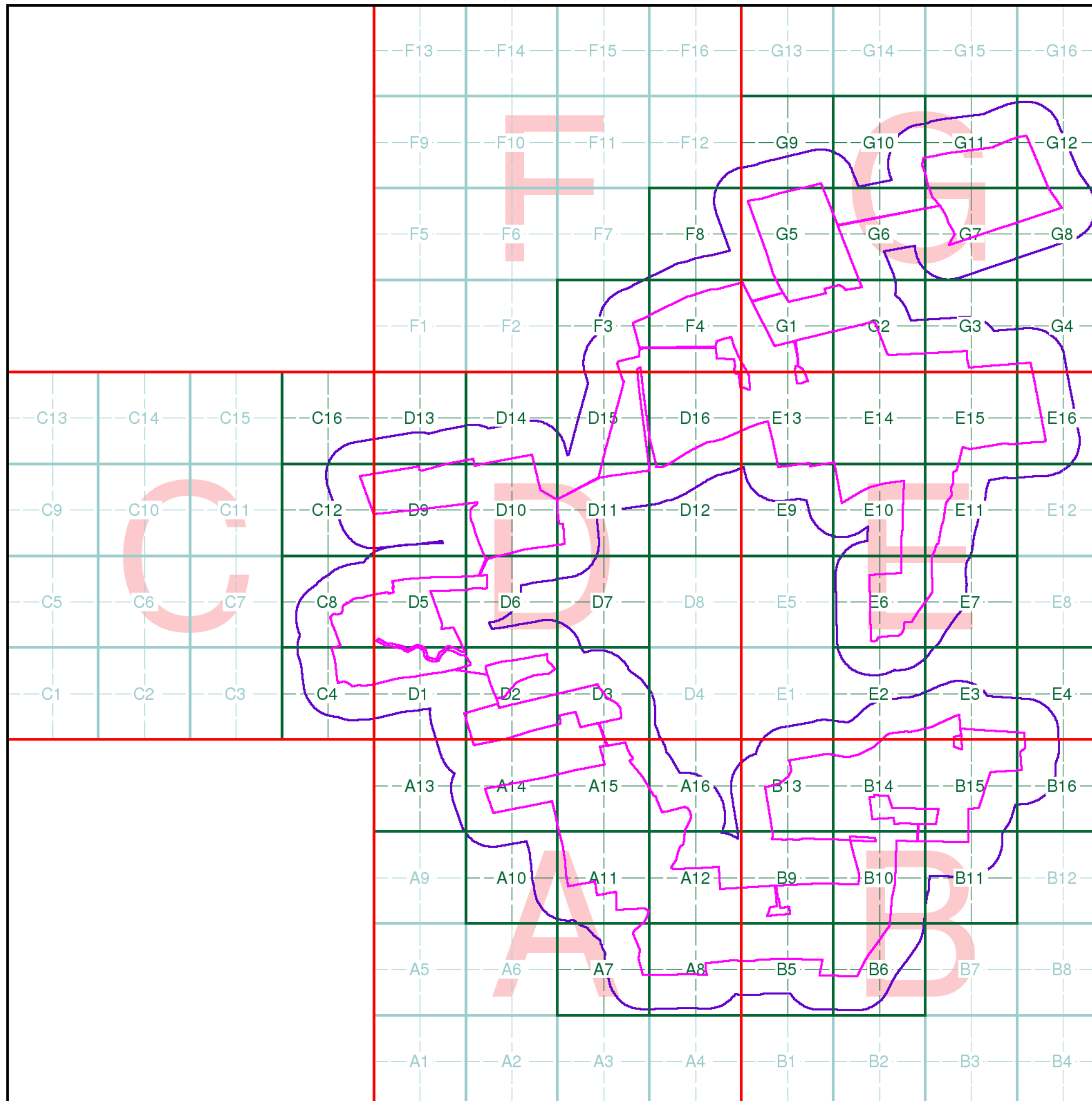
### Order Details

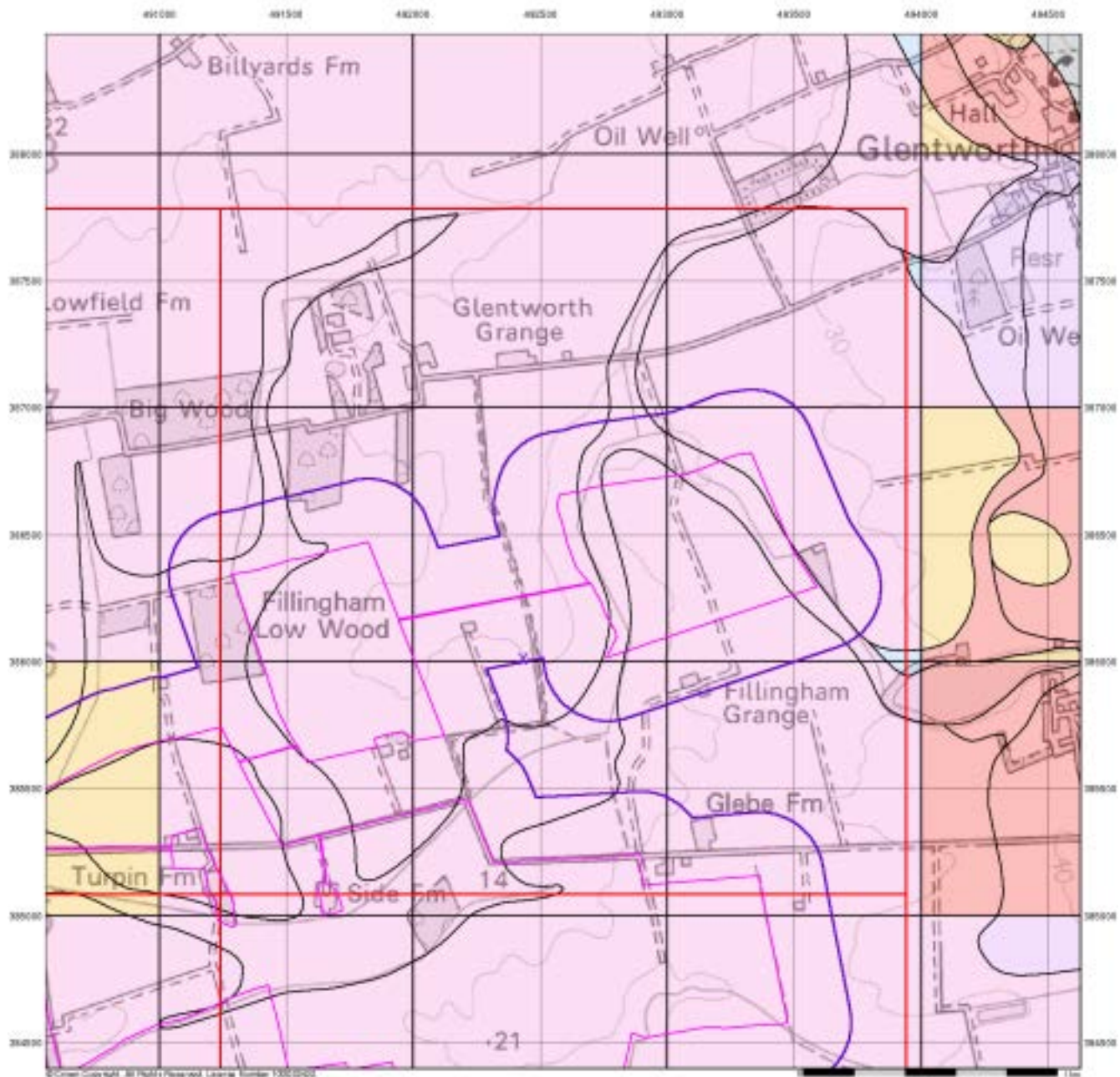
Order Number: 287330989\_1\_1  
Customer Ref: 21-1088.02  
National Grid Reference: 491290, 383560  
Site Area (Ha): 884.45  
Search Buffer (m): 250

### Site Details

Cottam 1

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





## Groundwater Vulnerability

### General

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

### Agency and Hydrological

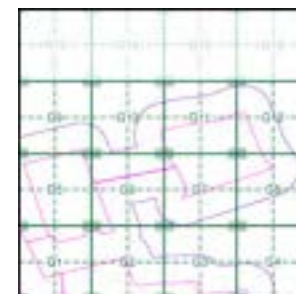
#### Bedrock Aquifers

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

#### Superficial Aquifers

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

### Site Sensitivity Context Map - Slice G



### Order Details

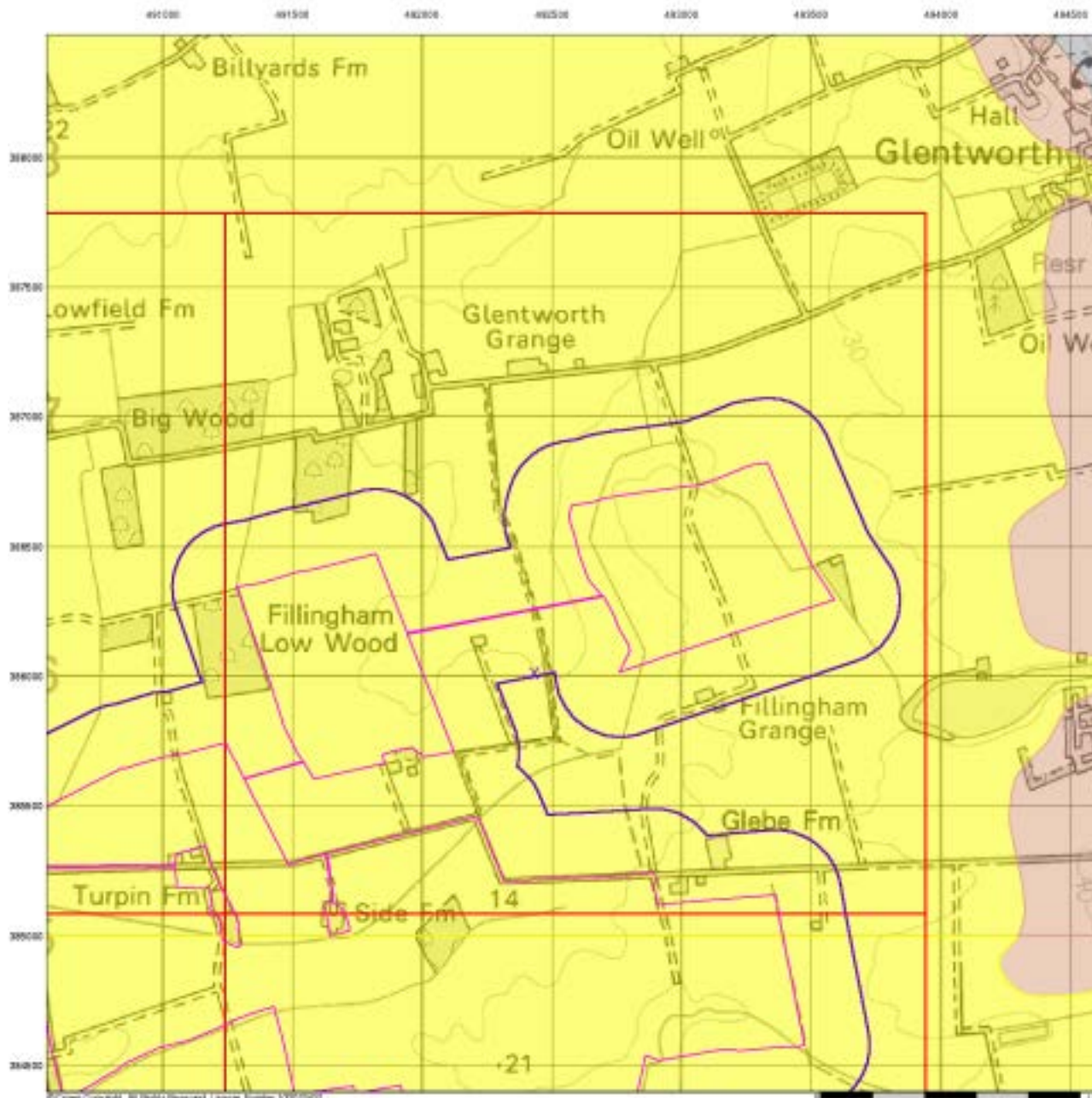
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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## Bedrock Aquifer Designation

### General

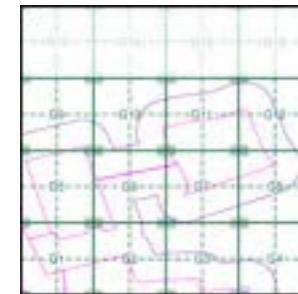
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice G



### Order Details

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

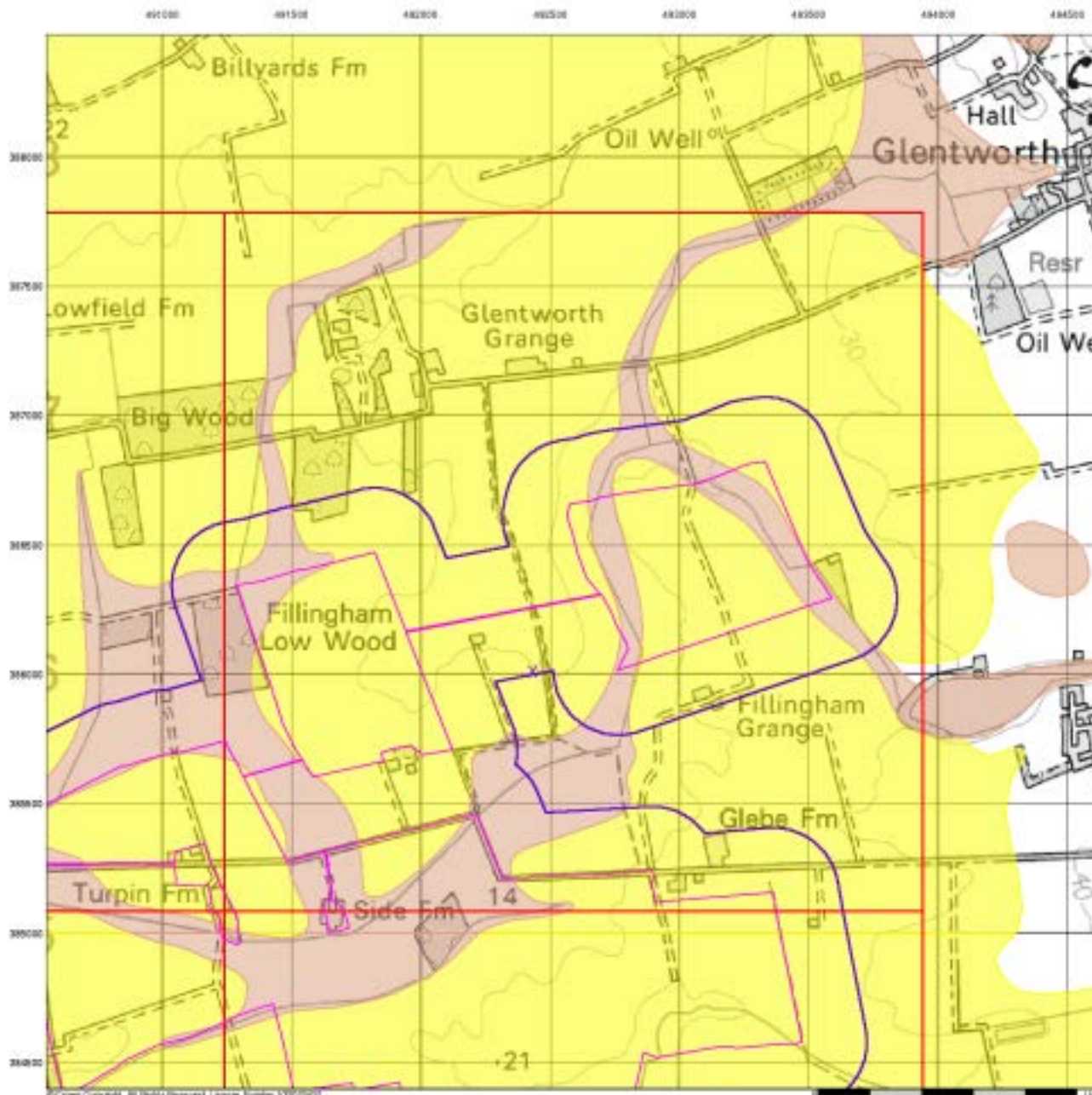
### Site Details

Cottam 1



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 Web: www.envirocheck.co.uk





## Superficial Aquifer Designation

### General

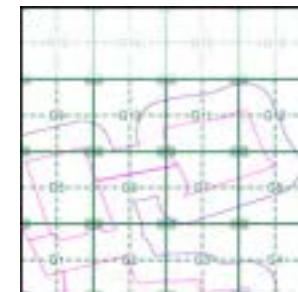
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

### 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 G



### Order Details

Order Number:	287330989_1_1
Customer Ref:	21-1088.02
National Grid Reference:	492430, 386010
Slice:	G
Site Area (Ha):	884.45
Search Buffer (m):	250

### Site Details

Cottam 1



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## Source Protection Zones

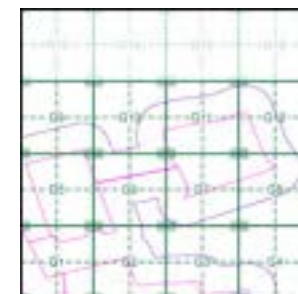
### General

- ◊ Specified Site
- ◊ Specified Buffer(s)
- X 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 G



### Order Details

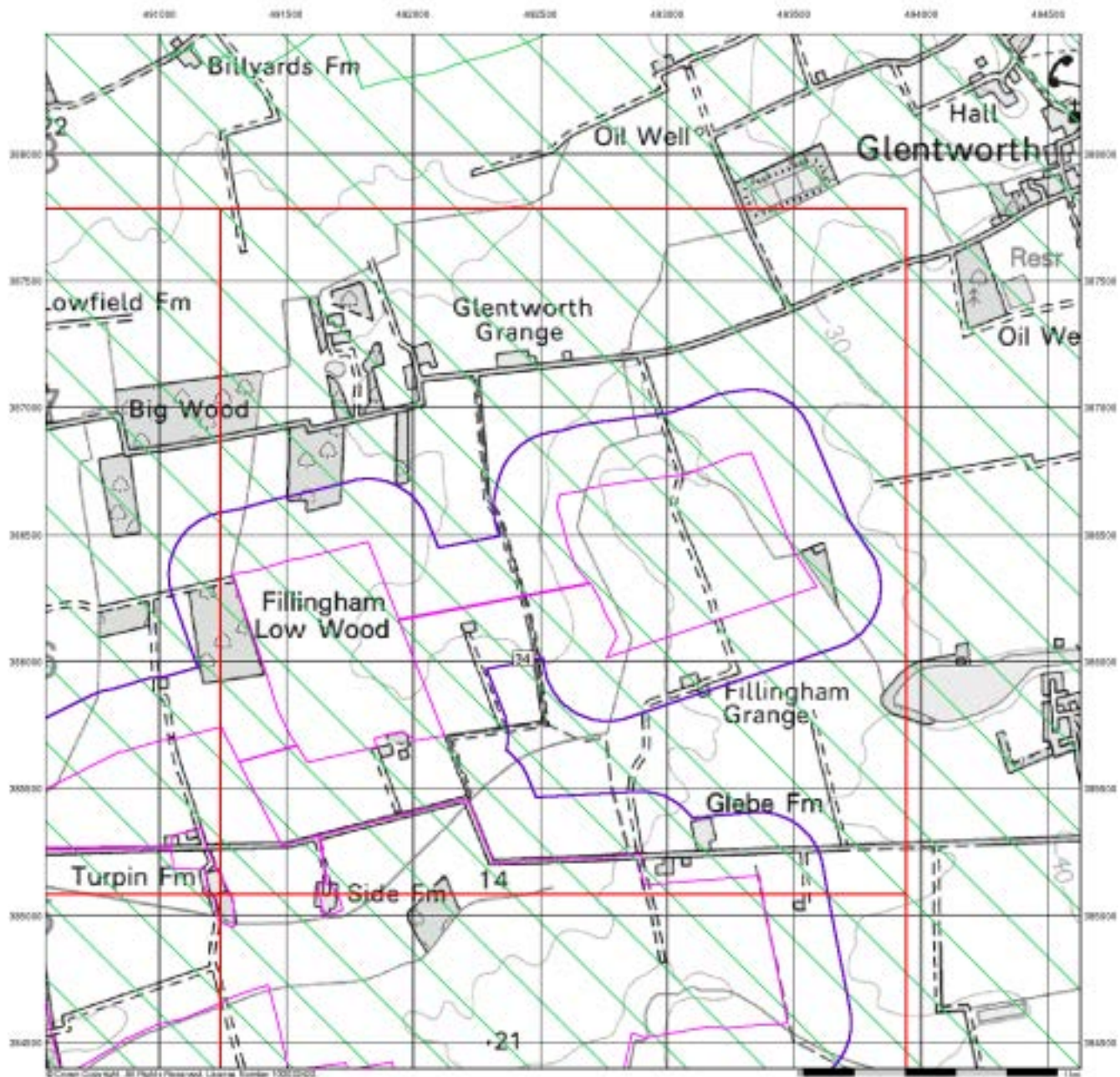
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 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1








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## Sensitive Land Uses

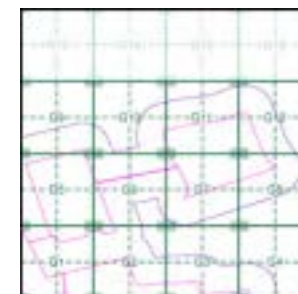
### General

-  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 G



### Order Details

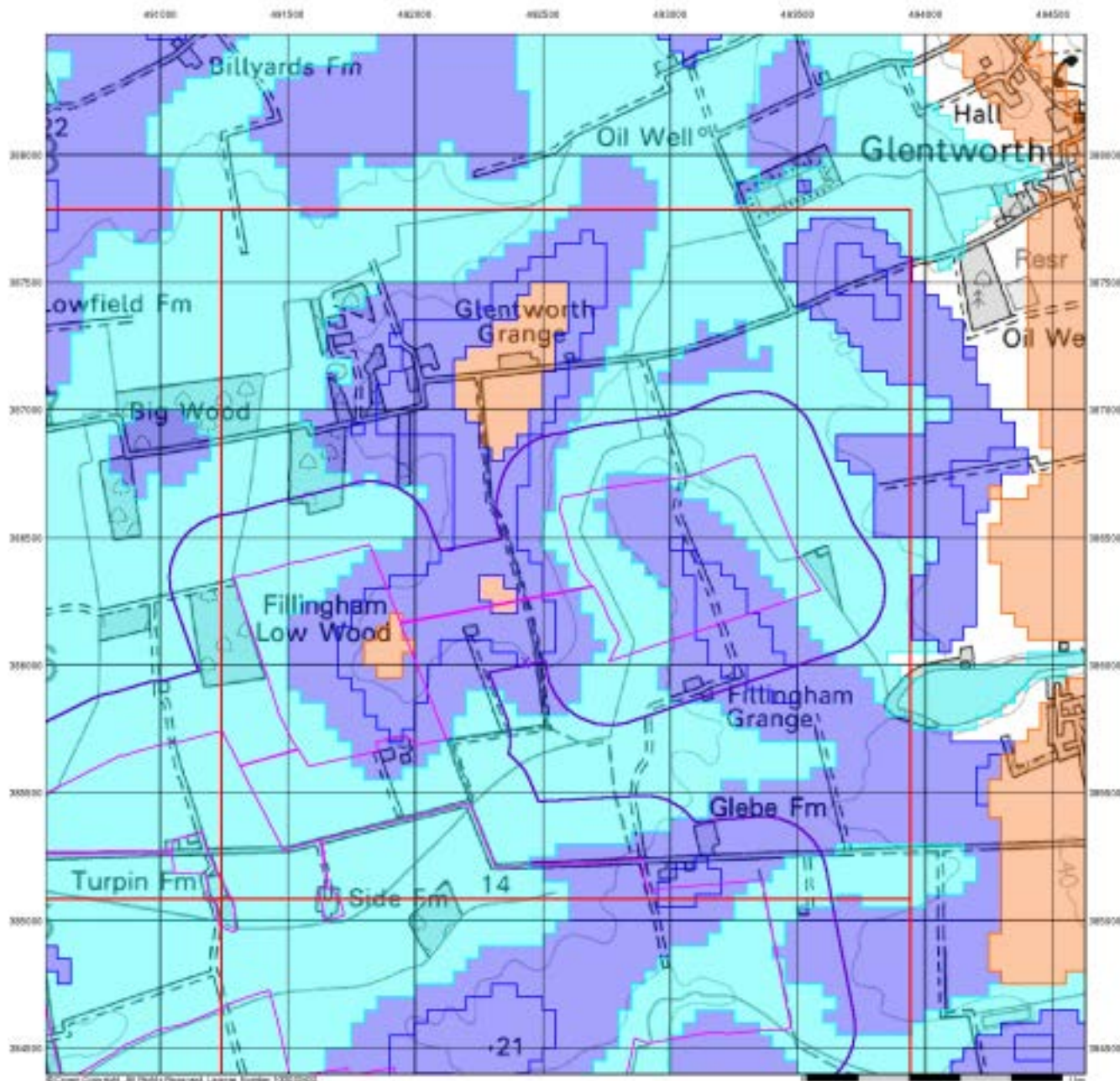
Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

### Site Details

Cottam 1



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**BGS Flood GFS Data**

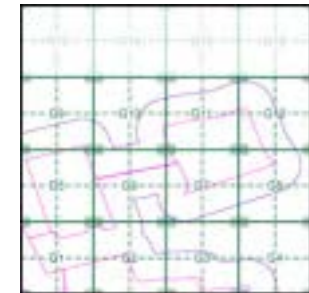
**General**

- Specified Site
- Specified Buffer(s)
- Basing 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 G**



**Order Details**

Order Number: 287330989\_1\_1  
 Customer Ref: 21-1088.02  
 National Grid Reference: 492430, 386010  
 Slice: G  
 Site Area (Ha): 884.45  
 Search Buffer (m): 250

**Site Details**

Cottam 1



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