

**LAND AT PRIMROSE HILL FARM  
HEMINGSTONE**

**PHASE 1 GEO-ENVIRONMENTAL DESK STUDY  
AND PRELIMINARY RISK ASSESSMENT**

**April 2023  
Report No. P0341/R01 Issue 1**


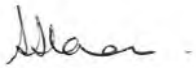
**Prepared for:  
Mrs M Mayhew**

**Prepared by:  
*Sue Slaven***

**DOCUMENT INFORMATION AND CONTROL SHEET**

Report No.	Title	
P0341/R01	Land at Primrose Hill Farm, Hemingstone Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment	
Prepared for:	Mrs M Mayhew The Threshing Barn Primrose Hill Farm Hemingstone Suffolk IP6 9RL	
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**Issue History**

Issue	Status	Date	Report Author	Signature
1	Final	4 April 2023	Sue Slaven MIEnvSc CEnv SiLC 	
<b>DISCLAIMER</b> This report should be read with the Service Constraints, Report Limitations & Planning Requirements set out in Appendix A.				

### EXECUTIVE SUMMARY

Item	Description
<b>Client</b>	Mrs M Mayhew
<b>The Site</b>	Land at Primrose Hill Farm, Hemingstone
<b>Report Objectives</b>	This report presents the findings of a desk-based study and site walkover survey with regards to potential ground contamination from historical and/or current uses of the site and surrounding area. A preliminary risk assessment has been carried out relating to ground conditions at the site in respect of its proposed redevelopment to a residential land use.
<b>Land Use History</b>	The site was located immediately to the south of Primrosehill Farmyard until 1957 when two buildings were erected, one of which was a pig barn. The site was redeveloped to its present day layout in the period between 1994 and 2000 and was more recently in use as kennels and cattery.
<b>Development Proposals</b>	It is understood that the pig barn in the eastern sector is to be converted to a residential land use and the kennels are to be demolished. However, the proposed layout is not known at the time of writing this report.
<b>Geo-environmental Setting</b>	<p><b>Topography:</b> The site gently sloped down towards the south-west within a gently undulating landscape.</p> <p><b>Geology:</b> The superficial deposits underlying the site comprise the Lowestoft Formation (chalky till) and the bedrock geology is Chalk.</p> <p><b>Hydrogeology:</b> The Lowestoft Formation is classified as a Secondary aquifer and the Chalk as a Principal aquifer. The site lies within groundwater Source Protection Zone 3 (Total Catchment) and the nearest groundwater abstraction licence is held at Primrose Hall Farmhouse, 60m to the east, for general farming and domestic use.</p> <p><b>Hydrology:</b> The nearest surface watercourse is a river 400m to the north.</p>
<b>Phase 1 Preliminary Risk Assessment</b>	Based on the history and walkover survey of the site and immediate vicinity, no significant sources of contamination have been identified. Thus, as there are no sources, no pathways can be established and receptors will remain unaffected.
<b>Recommendations</b>	No intrusive investigation is considered necessary at this time. It is recommended that a watching brief for visual and olfactory signs of contamination is kept during groundworks. If identified, work should stop and a risk assessment be carried out.
<p>This summary forms part of a Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment Report prepared by Sue Slaven and contains an overview of the key findings and conclusions. This summary should not be treated as an independent document and should be read as part of the complete report.</p>	

**Land at Primrose Hill Farm, Hemingstone  
Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment**

**CONTENTS**

	<b>PAGE</b>
<b>1. INTRODUCTION</b>	<b>1</b>
1.1 Background Information.....	1
1.2 Objectives of the Investigation .....	1
1.3 Report Limitations and Constraints .....	2
1.4 Development Proposals.....	3
<b>2. SITE LOCATION AND DESCRIPTION</b>	<b>3</b>
2.1 Site Location .....	3
2.2 Site Description .....	4
<b>3. HISTORY OF THE SITE AND IMMEDIATE VICINITY</b>	<b>6</b>
3.1 General.....	6
3.2 Historical Maps.....	6
3.3 Planning and Other Constraints.....	7
3.4 Previous Investigations.....	7
<b>4. ENVIRONMENTAL SETTING</b>	<b>7</b>
4.1 General.....	7
4.2 Geology .....	7
4.3 Hydrogeology .....	8
4.4 Hydrology .....	8
4.5 Ecology / Archaeology .....	9
<b>5. POTENTIALLY CONTAMINATIVE USES OF THE SITE AND ITS ENVIRONS</b>	<b>9</b>
5.1 General.....	9
5.2 Waste .....	9
5.3 Statutory Authorisations .....	9
5.4 Other Possible Contaminative Uses.....	9
<b>6. HAZARD ASSESSMENT &amp; PRELIMINARY CONCEPTUAL SITE MODEL</b>	<b>10</b>
6.1 Background.....	10
6.2 Potential Sources of Contamination .....	10
6.3 Potential Receptors of Contamination.....	11
6.4 Identification of Pathways.....	12
6.5 Preliminary Conceptual Site Model and Hazard Assessment .....	13
<b>7. CONCLUSIONS AND RECOMMENDATIONS</b>	<b>13</b>
7.1 Environmental Risk Assessment .....	13
7.2 Recommendations for Further Investigative Works .....	13
7.3 Recommendations for Works during Development.....	14
7.4 Health & Safety.....	15

**TABLES**

<b>Table 1 Summary of the Site and its Environs.....</b>	<b>4</b>
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**FIGURES**

<b>Figure 1</b>	<b>Site Location (not to scale).....</b>	<b>3</b>
<b>Figure 2</b>	<b>Existing Site Layout (as at 23 March 2023).....</b>	<b>4</b>

**APPENDICES**

<b>Appendix A</b>	<b>Service Constraints, Report Limitations &amp; Planning Requirements</b>
<b>Appendix B</b>	<b>Environmental Risk Assessment Methodology and Terminology</b>
<b>Appendix C</b>	<b>Site Photographs</b>
<b>Appendix D</b>	<b>Historical Maps</b>
<b>Appendix E</b>	<b>Envirocheck Report</b>

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**Land at Primrose Hill Farm, Hemingstone  
Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment**

**1. INTRODUCTION**

**1.1 Background Information**

1.1.1 Sue Slaven was commissioned by Mrs Mayhew to carry out a preliminary investigation (also recognised as a Phase 1 Geo-environmental Desk Study) for the site known as Land at Primrose Hill Farm, Hemingstone. The purpose of the report is to provide preliminary information relating to the potential for ground contamination to be present at the site. This is achieved using published information and by carrying out a site walkover survey in relation to the proposed redevelopment of the site to a residential land use. It is understood that the report is to be submitted in support of a planning application to Mid Suffolk District Council.

1.1.2 The Desk Study comprises the first stage (i.e. Phase 1) of a geo-environmental assessment of a given site. The aim of the Phase 1 Desk Study is to identify potentially contaminative activities that may have occurred on-site and/or in the surrounding area and whether these pose a risk to identified receptors. For a risk to exist, three elements must be present in order to create a potential pollutant linkage (PPL), as follows:

- Source / Contaminant: activity / hazardous substance that has the potential to cause adverse impacts.
- Receptor: target that may be affected by contamination, e.g. humans, property, land, controlled waters, flora and fauna.
- Pathway: a viable route whereby a hazardous substance may come into contact with the receptor.

**1.2 Objectives of the Investigation**

1.2.1 The objectives of this geo-environmental assessment are:

- To carry out a review of the geo-environmental setting of the site and surrounding area.
- Prepare a preliminary risk assessment that assesses the presence of PPLs and whether further action is required.
- Produce a report for use by the Client.

1.2.2 In order to achieve these objectives, the following scope of works is proposed:

- A desk-based review of available information to include the history of the site and surrounding area and an interpretation of available geo-environmental data.
- Review any previous ground investigations reports prepared for the site.
- A walkover survey of the site and its environs.
- Develop a preliminary conceptual site model detailing all PPLs.
- Provide recommendations for a Phase 2 Ground Investigation, if required, based on the

findings, to ensure that the site is suitable for use and/or proposed use.

1.2.3 The findings and conclusions of the risk assessment and recommendations have assumed that the site is to be redeveloped to a residential land use. However, if there is a subsequent change in land use, the risk assessments and conclusions presented in this report should be reviewed to determine whether they remain applicable.

1.2.4 This report has been devised to generally comply with the relevant principles and requirements of a range of guidance with regards to potentially contaminated land, including:

- Babergh & Mid Suffolk District Councils. Contaminated Land Advice Note 1 – Guidance notes for developments on land which is potentially contaminated or where the proposed end use is sensitive (Version 2015/11).
- Babergh & Mid Suffolk District Councils. Contaminated Land Advice Note 2 – Technical Guidance for Investigating, Assessing and Remediating Land Contamination (Version 2015/11).
- BS 10175. Investigation of potentially contaminated sites - Code of practice.
- BS 5930. Code of practice for ground investigations.
- Defra. Contaminated Land (England) (Amendment) Regulations 2012 and Contaminated Land Statutory Guidance.
- Environment Agency. Land Contamination: Risk Management. October 2020.
- Environment Agency. Report GPLC1 - Guiding Principles for Land Contamination.
- Environment Agency. The Environment Agency's approach to groundwater protection.
- HCA. National Planning Policy Framework.
- Part IIA of the Environmental Protection Act, 1990.

### **1.3 Report Limitations and Constraints**

1.3.1 Sue Slaven's service constraints and report limitations are presented in Appendix A and a description of the environmental risk assessment methodology and terminology is presented in Appendix B. In preparation of this report, it is assumed that any information provided to Sue Slaven by the client or its representatives in connection with the commission is accurate, complete and not misleading. However, the accuracy or validity of this information cannot be guaranteed. This also consists of publicly available information including that which may be present on the Internet.

1.3.2 This report does not include specific investigation / identification for the presence of potential Asbestos Containing Materials (ACMs), Japanese Knotweed or defects within any structures that may be present on-site. However, it may be noted that these could be present on-site, as detailed within this report, and specialist contractors should then be commissioned to make assessments of these aspects, if required.

1.3.3 It should be noted that there were no consultations with the Local Authority or the Environment Agency by Sue Slaven at the time of writing this report.

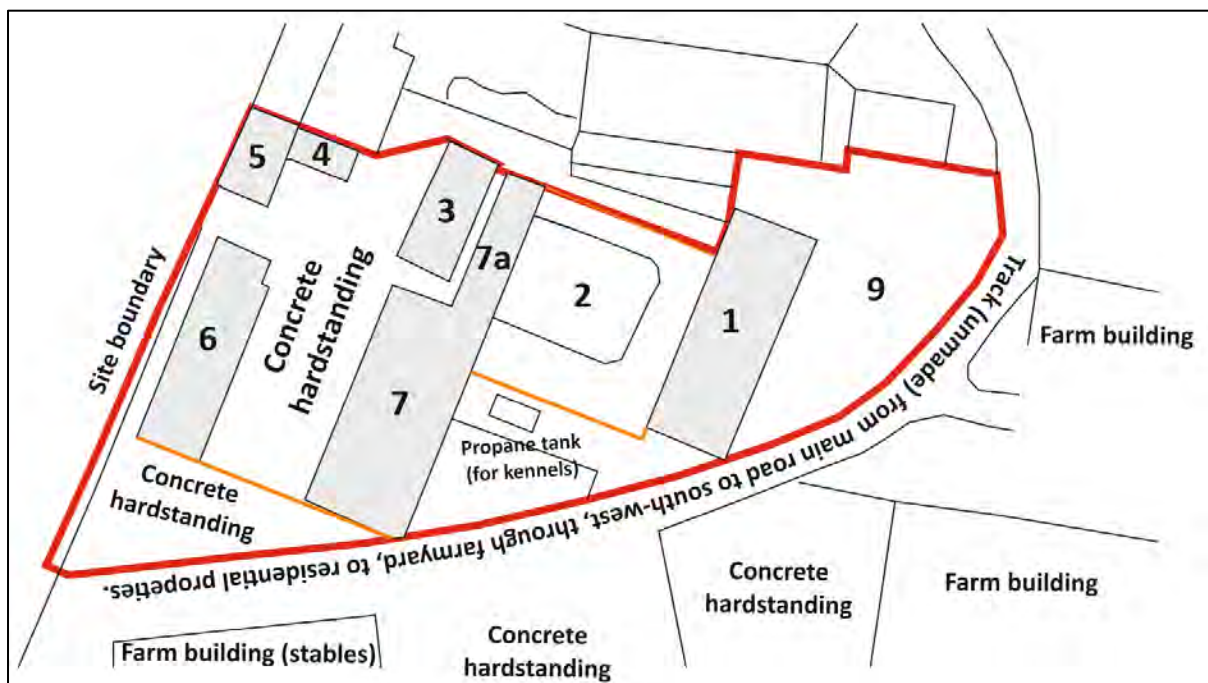


**Table 1 Summary of the Site and its Environs**

<b>Site Address</b>	Primrose Hill Farm, Hemingstone, IP6 9RL
<b>Location</b>	The site is located approximately 335m to the east of the village of Hemingstone, 5.6km to the east of Needham Market and 4.3km to the north-east of Great Blakenham. The surrounding area is predominantly in agricultural use.
<b>Grid Reference</b>	615480, 253690
<b>Site Area</b>	0.19ha approximately
<b>Topography</b>	The site gently sloped down towards the south-west within a gently undulating landscape.

## 2.2 Site Description

2.2.1 A site visit was undertaken on 23 March 2023 by Sue Slaven. The site comprised several buildings, the majority of which were associated with the kennels and cattery, as shown on Figure 2.



**Figure 2 Existing Site Layout (as at 23 March 2023)**

2.2.2 The kennels and cattery consisted of Buildings 3 – 7, as follows:

- Buildings 3 and 6 were of brick construction with concrete floors and divided into separate kennels.
- Building 7 was also of brick construction with a concrete floor, with part of the building divided into separate kennels. Building 7 also consisted of a store room of animal products (food, treats etc.), a kitchen and preparation room and a toilet, together with a reception area.

- Building 4 was a small office portacabin.
  - Building 5 was a small wooden barn with a corrugated metal roof and concrete flooring. It may have been in use as additional kennels as metal crates were observed.
  - Building 7a was connected to Building 7 by a walkway and comprised the cattery of metal crates.
- 2.2.3 Concrete hardstanding formed the majority of the ground cover, which was in a poor condition with cracks, vegetation growing through the joints and covered with moss in places. There was a manhole cover in the centre of the area. To the east of the cattery (Building 7a) was a small courtyard (No. 2) that consisted of a square-shaped patch of mature bushes and plants, within which were two interconnecting ponds. Surrounding this area on three sides was a broad concrete walkway.
- 2.2.4 Vehicular access to the kennels was through a double metal gate on the southern boundary, i.e. between Buildings 6 and 7. There was also pedestrian access through a metal gate on the southern boundary to the courtyard, as well as through reception located in the south-eastern corner of Building 7. The kennels were surrounded by a brick wall on the southern side and also on part of the northern side (i.e. the courtyard). Across the site were items that were associated with the kennels / cattery, e.g. dog beds, metal crates, etc.
- 2.2.5 To the south of the kennels was concrete hardstanding in poor condition i.e. cracked and with vegetation growing through the joints. To the south of the courtyard (No.2) was a tank of propane that was connected to Building 7 through a metal pipe.
- 2.2.6 Within the eastern sector of the site was a pig barn (Building 1), which was a wooden building with a corrugated metal roof. The building had been levelled with a concrete ramp on the southern side, where there was also a wooden sliding door. The eastern side of the building was covered with ivy. There was a concrete trough on the eastern side of the building that ran the length of the building, which then formed a chute at the north-eastern corner into a former slurry tank, which was covered with a metal manhole cover. Inside the pig barn were small rooms of metal cages over a wooden / metal grated floor, with a walkway on the western side.
- 2.2.7 The unmade track defined the southern site boundary with the northern boundary defined by the walls of buildings. A row of trees and a drainage ditch marked the western boundary. To the west of the site was farmland and to the south and east were farm buildings. One of the farm buildings was in use as stables, with paddocks to the south. All the farm buildings were of concrete blocks and wood, with corrugated metal roofs and concrete ground cover. Immediately to the north of the site were smaller farm buildings, one of which had been used for kennels. Beyond these were the residential properties of Threshing Barn and Primrose Hill farmhouse.
- 2.2.8 There were no visual or olfactory signs of significant contamination either on-site or in the surrounding area. A selection of photographs is included within Appendix C.

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### **3. HISTORY OF THE SITE AND IMMEDIATE VICINITY**

#### **3.1 General**

3.1.1 A summary of the historical development of the site and immediate vicinity is presented below, which has been based on historical Ordnance Survey (OS) maps obtained from Envirocheck®, a selection of which are included in Appendix D. The age and general activity/land use can often be determined from the layout of structures depicted on historical OS maps, however, specific elements of site operations may not be determined from these maps. Only off-site features present within a radius of 250m of the site are considered relevant.

#### **3.2 Historical Maps**

##### ***1884 (1:2,500)***

3.2.1 The site formed the north-western sector of a larger field with a track along the southern boundary. There were buildings to the north and a farmhouse to the north-east as Primrosehill Farm. The surrounding area was in agricultural use.

##### ***1904 (1:2,500)***

3.2.2 The site remained unchanged. A well was associated with the farmhouse.

##### ***1926 (1:2,500)***

3.2.2 A track ran along the western boundary of the site to the buildings located to the north.

##### ***1957 (1:10,560)***

3.2.3 The site has been developed with a building in the eastern sector and another in the southern corner, adjacent to the western boundary. A Windpump was associated with the farmhouse to the north-east of the site.

##### ***1969 (1:2,500)***

3.2.4 The building in the eastern sector of the site had been demolished and replaced with a rectangular building. Additional farm buildings were located immediately to the north of the site.

##### ***1980 (1:10,000) / 1994 (1:2,500)***

3.2.5 The site and surrounding area remained unchanged.



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**2000 (1:10,000)**

- 3.2.6 The barn in the eastern sector remained and the remainder of the site had been redeveloped to its present day layout. Additional farm buildings had been erected to the south and east of the site.

**3.3 Planning and Other Constraints**

- 3.3.1 A review of Mid Suffolk Council's planning website was carried out with regards to planning applications relating to the site and surrounding area, using "IP6 9RL" as the search term. There were five records dating back to July 2016, of which four related to the conversion of the barns to the north to a residential use and one was for new access to 1 Primrose Cottages, located to the south-west of the site.

**3.4 Previous Investigations**

- 3.4.1 It is understood that the site has not been subject to any ground investigations.

**4. ENVIRONMENTAL SETTING**

**4.1 General**

- 4.1.1 A summary of the environmental background information (geology, hydrology, hydrogeology and sites of ecological interest) is presented below. The information has been obtained from publicly available information and an Envirocheck® report within a 250m radius of the site, which is included as Appendix E of this report. This information, together with other information included within this report, represent the base data used to formulate the conceptual site model.

**4.2 Geology**

- 4.2.1 The geological appraisal has been compiled using the following references:

- BGS Geology Viewer – 29 March 2023 (<https://www.bgs.ac.uk/map-viewers/bgs-geology-viewer/>)
- BGS GeoIndex Onshore – 29 March 2023 (<https://mapapps2.bgs.ac.uk/geoindex/home.html>)
- Envirocheck Report
- <https://www.ukradon.org/radonmaps/>

- 4.2.2 The records indicate that superficial deposits underlying the site comprise the Lowestoft Formation, which forms an extensive sheet of chalky till, together with sands and gravels, silts and clays. The till is characterised by its chalk and flint content. The bedrock geology is the Newhaven Chalk Formation, which is composed of soft to medium hard, smooth white chalk with numerous marl seams and flint bands.



4.2.3 There were three records of boreholes having been drilled in the vicinity of the site, including one at Primrose Farmhouse, as follows:

- Borehole at Primrose Farmhouse, 40m to the north-east, drilled in June 1960. Ground conditions were described as Drift overlying Chalk to the depth of the borehole at 22.5m. It was noted that a Windpump had been installed.
- A Public Well at Hemingstone was drilled in 1930, 270m to the south-west of the site. Ground conditions were described as Boulder Clay (clay, sand and silt) to a depth of 24m, sand and gravel to 28.6m, then Chalk to the depth of the borehole at 76.2m. Water was recorded at a depth of 25.9m below ground level.
- A borehole was drilled at a location 275m to the west of the site in May 1950. Ground conditions were recorded as Boulder Clay to a depth of 13.4m, Sand and Gravel to 27.1m, Chalk to the base of the borehole at a depth of 61m. Water was recorded at a depth of 21m.

4.2.4 The site is not situated in an area where radon protective measures are necessary in the construction of new buildings.

### **4.3 Hydrogeology**

4.3.1 The hydrogeological appraisal has been compiled using the following references:

- Envirocheck Report
- MAGIC Website – 29 March 2023 (<http://www.magic.gov.uk/MagicMap.aspx>)

4.3.2 The superficial deposits are classified as a Secondary aquifer and the Chalk as a Principal aquifer. The site is located within groundwater Source Protection Zone 3 – Total Catchment and the nearest groundwater abstraction licence is held at Primrose Hill Farm, 40m to the east, for general farming and domestic use.

### **4.4 Hydrology**

4.4.1 The hydrological appraisal has been compiled using the following references:

- Walkover Survey
- Envirocheck Report
- <https://flood-map-for-planning.service.gov.uk/>

4.4.2 The nearest surface water features to the site are two rectangular ponds located 60m to the south-east. The nearest surface watercourse is a river 400m to the north. Thus, the site is situated within Flood Zone 1, which indicated that there is a low probability of flooding. There were no records of discharge consents within 250m of the site.

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#### **4.5 Ecology / Archaeology**

4.5.1 The ecological and archaeological appraisals have been compiled using the following references:

- Envirocheck Report
- MAGIC Website – 29 March 2023 (<http://www.magic.gov.uk/MagicMap.aspx>)

4.5.2 There are no statutory sites of ecological significance (e.g. Ramsar, Special Protection Area, a Site of Special Scientific Interest, Special Area of Conservation) within 250m of the site. There are also no sites of archaeological interest or listed buildings within 250m of the site.

#### **5. POTENTIALLY CONTAMINATIVE USES OF THE SITE AND ITS ENVIRONS**

##### **5.1 General**

5.1.1 A review of the Envirocheck report, historical maps and the MAGIC website, as above, was carried out with regards of industrial processes within 250m of the site, together with observations made during the walkover survey.

##### **5.2 Waste**

5.2.1 There are no records of historical or operational landfill sites, waste treatment sites or waste management facilities within 250m of the site.

##### **5.3 Statutory Authorisations**

5.3.1 There are no records of sites subject to Local Authority Pollution Prevent Control (LAPPC), Registered Radioactive Substances sites, Control of Major Accident Sites (COMAH) or Explosives Sites within a 250m radius of the site. There were also no records of sites subject to Notification of Installations Handling Hazardous Substances (NIHHS) or Hazardous Substances Consent.

##### **5.4 Other Possible Contaminative Uses**

###### ***Quarrying***

5.4.1 There are no records of mineral sites or quarries within 250m of the site.

###### ***Fuel Sites***

5.4.2 There are no operational or obsolete petrol stations within 250m of the site.

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### ***Contemporary Trade Directory***

5.4.3 There are no records of trades within a 250m radius of the site.

### ***Unexploded Ordnance***

5.4.4 According to the Zetica Bomb Risk Map for Suffolk, there is a negligible risk of unexploded ordnance in the area.

## **6. HAZARD ASSESSMENT & PRELIMINARY CONCEPTUAL SITE MODEL**

### **6.1 Background**

6.1.1 The hazard identification is based on the assumption that the site is to be redeveloped to a residential use that includes a private garden. As described in Appendix B, current Government policy involves a 'suitable for use' approach to the control and treatment of contaminated land in which remedial action is only required where:

- the contamination poses unacceptable, actual or potential risk to health or the environment; and
- there are appropriate and cost-effective means available to do so, considering the actual or intended end-use of the site.

6.1.2 If the land is being used only for certain purposes, the number of pathways by which the critical receptor might be exposed to will be limited, so that less extensive and costly remediation measures would be needed to reduce the risk to below a given level than would be the case for all types of actual or potential use. The land would then be 'suitable for use'.

6.1.3 When assessing the potential hazards and liabilities relating to land contamination, the following issues must be addressed:

- Does the site present a threat to the public or occupiers in its current state?
- Will the contaminants present a hazard to site operatives, or the surrounding environment, during redevelopment?
- Will there be a threat to end-users of the site? and
- Is there a potential for future liabilities due to off-site migration of contaminants?

### **6.2 Potential Sources of Contamination**

6.2.1 For the purpose of this assessment, the potential contaminants of concern have been considered according to whether they are likely to have originated from on-site or off-site sources.

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### ***Potential On-site Sources of Contamination***

6.2.2 The site had been occupied by part of a small field in 1884. By 1957, two buildings had been erected, as part of the farmyard of Primrosehill Farm, although one of the buildings, in the eastern sector, had been demolished and replaced with a pig barn that remains on-site, although no pigs have been present for 30 years. In the period between 1994 and 2000, the remainder of the site had been redeveloped to its present day layout, in use as kennels and a cattery. There were no visual or olfactory signs of contamination on-site or in the immediate vicinity. It is possible that Made Ground is present beneath the concrete hardstanding, however, it is considered unlikely that past or present uses at the site have resulted in significant ground contamination.

### ***Potential Off-site Sources of Contamination***

6.2.3 Potential off-site sources of contamination have been identified as the farmyard to the south and east that was part of a pig farm. However, these are unlikely to be significant sources of contamination.

## **6.3 Potential Receptors of Contamination**

6.3.1 For any given site, potential receptors can include: current and future site users / occupiers, construction workers, neighbouring land, on-site buildings / hardstanding / underground services, controlled waters (ground and surface), flora and fauna. These receptors incorporate those normally required by the Local Authority to be considered in their planning conditions relating to land contamination.

6.3.2 For this site, however, the receptors are considered to be as follows:

#### ***On-site***

- Current users of the site
- Future site occupiers, including groundworkers
- Groundwater (Secondary aquifer / Principal aquifer)

#### ***Off-site***

- Residential properties to the north
- Agricultural land to the west
- Farmyard to the south and east.

6.3.3 The preliminary assessment of risks undertaken for the development considers potential risks to receptors identified above. It should be noted that not all possible contaminant linkages may be formed between sources and receptors.

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## 6.4 Identification of Pathways

### *General*

6.4.1 If contaminants are present in the ground, there are a number of potential pathways that enable human receptors to come into contact or be exposed to them. The most direct pathways, considered under UK legislation, can be summarised as follows:

- Ingestion of outdoor soil, indoor dust, home grown vegetables or of soil attached to home grown vegetables.
- Dermal contact with outdoor soil and/or indoor dust.
- Inhalation of outdoor/indoor dust, outdoor/indoor soil vapour.

6.4.2 In addition to direct exposure pathways principally affecting human health, there are a number of physical transport mechanisms / pathways that may also exist at any given site, including:

- Downward and lateral movement of contaminants in soil either by gravity or through being 'leached' by percolating rainwater to controlled waters.
- Lateral migration of contaminants dissolved in groundwater.
- Volatilisation of contaminants from groundwater or unsaturated soils into buildings or outdoor air.
- Migration of ground gas (carbon dioxide and methane) into buildings or confined spaces.
- Direct seepage / ingress or leaching of contaminants from soil into subsurface drains or water supply pipework.
- Direct contact with buildings and hardstanding.
- Potential phytotoxic effects on sensitive landscaping plants and uptake by fauna.

### *Human Health*

6.4.3 The site is to be developed to a residential use that includes a private garden, thus potential pathways are possible such as long-term soil/dust inhalation/ingestion and dermal contact. However, no significant sources of contamination were identified and thus, the presence of significant ground contamination is considered to be unlikely.

6.4.4 During the redevelopment of any site, contact with contaminants by groundworkers will typically be short-term. However, no significant sources of contamination were identified and thus, the presence of ground contamination is considered to be unlikely. Furthermore, assuming good site practices are followed, there is a negligible risk.

### *Ground Gas*

6.4.5 There is the potential for ground gas (carbon dioxide and methane) to enter future permanent buildings if the site is located within 250m of a landfill site or infilled ground and ground

conditions allow for the migration of ground gas. However, no significant sources of ground gas have been identified.

#### ***Pathways to Controlled Waters***

- 6.4.6 The site is underlain by a Secondary aquifer, which is described as “boulder clay”. There are no surface watercourses in the vicinity of the site. Thus, controlled waters are not considered to be sensitive to the potential presence of ground contamination. Furthermore, no sources of on-site contamination have been identified.

#### ***Other Pathways***

- 6.4.7 Other potential pathways that are possibly less significant to the site although still require consideration are: potential phytotoxic effects on sensitive landscaping plants; chemical attack on foundations and services and permeation of contaminants through domestic water pipes. However, as there are no sources of on-site contamination, these pathways cannot be established.

### **6.5 Preliminary Conceptual Site Model and Hazard Assessment**

- 6.5.1 As part of a Preliminary Risk Assessment, a Preliminary Conceptual Site Model (PCSM) is formed, which assists with identifying potential contaminant linkages (source – pathway – receptor) using information obtained during the desk study. The preliminary hazard assessment is a qualitative assessment of the risks posed by each viable pollution link identified, as summarised in Appendix B. However, as no significant sources of contamination have been identified, pathways cannot be established and identified receptors will remain unaffected.

## **7. CONCLUSIONS AND RECOMMENDATIONS**

### **7.1 Environmental Risk Assessment**

- 7.1.1 A preliminary risk assessment has been carried out based on the contaminant – pathway - receptor model. However, following an assessment of the history of the site and surrounding area, a review of available information and walkover survey, no significant on- or off-site sources of contamination have been identified. Therefore, pathways cannot be established and identified receptors will remain unaffected.

### **7.2 Recommendations for Further Investigative Works**

- 7.2.1 No intrusive investigation works are considered necessary at this stage.

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### 7.3 Recommendations for Works during Development

7.3.1 It is recommended that any deleterious material, including Made Ground, encountered during groundworks is removed from site, together with impacted soils beneath. All materials for off-site disposal should be removed to an appropriately licensed waste management facility: disposal being carried out in compliance with S.34 of the EPA, "Duty of Care".

7.3.2 A watching brief for visual and olfactory signs of contamination is recommended during groundworks. It is recommended that construction workers are made aware of visual and olfactory signs of contamination through training such as Toolbox Talks. If suspected contaminated soils, such as asbestos, significant ashy soils (e.g. as a result of fires), unusual, brightly coloured or significantly oily or odorous material are encountered, the following procedures are to be adhered to:

1. All site works at the position of the suspected contamination will stop.
2. A suitably trained geo-environmental engineer should assess the visual and olfactory observations of the ground and the extent of contamination and the Client and the Local Authority should be informed of the discovery.
3. The suspected contaminated material will be investigated and tested appropriately in accordance with assessed risks. The investigation works will be carried out in the presence of a suitably qualified geo-environmental engineer. The investigation works will involve the collection of solid samples for testing and, using visual and olfactory observations of the ground, delineate the area over which contaminated materials are present.
4. The unexpected contaminated material will either be left in situ or be stockpiled (except if suspected to be asbestos) whilst testing is carried out and suitable assessments completed to determine whether the material can be re-used on site or requires disposal as appropriate.
5. The testing suite will be determined by the independent geo-environmental specialist based on visual and olfactory observations.
6. Test results will be compared against current assessment criteria suitable for the future use of the area of the site affected.
7. Where the material is left in situ awaiting results, it will either be reburied or covered with plastic sheeting.
8. Where the potentially contaminated material is to be temporarily stockpiled, it will be placed either on a prepared surface of clay, or on 2000-gauge Visqueen sheeting (or other impermeable surface) and covered to prevent dust and odour emissions.
9. Any areas where unexpected visual or olfactory ground contamination is identified will be surveyed and testing results incorporated into a Verification Report.
10. A photographic record will be made of relevant observations.
11. The results of the investigation and testing of any suspect unexpected contamination will be used to determine the relevant actions. After consultation with the Local Authority, materials should either be:
  - re-used in areas where test results indicate that it meets compliance targets so it can be re-used without treatment; or

- 
- treatment of material on site to meet compliance targets so it can be re-used; or
  - removal from site to a suitably licensed landfill or permitted treatment facility.
12. A Verification Report will be produced for the work.

#### **7.4 Health & Safety**

- 7.4.1 As outlined within the HSE publication “Successful Health and Safety Management – HSG65”, this report can be used to inform the contractor’s development of safe systems of work and the information used as an input to the safety management system. The contents of this report may be used to supplement the contents of the Health and Safety File as required under the Construction Design and Management (CDM) Regulations 2015.



## APPENDICES

<b>Appendix A</b>	<b>Service Constraints, Report Limitations and Planning Requirements</b>
<b>Appendix B</b>	<b>Environmental Risk Assessment Methodology and Terminology</b>
<b>Appendix C</b>	<b>Site Photographs</b>
<b>Appendix D</b>	<b>Historical Maps</b>
<b>Appendix E</b>	<b>Envirocheck Report</b>

## **Appendix A**

### **Service Constraints, Report Limitations and Planning Requirements**

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### Service Constraints, Report Limitations and Planning Requirements

This consultancy contract, report and the site investigation (together comprise the "Services") were compiled and carried out by Sue Slaven for the Client as named on the front of this report (the "Client") on the basis of a defined programme and scope of works and the terms of a contract between Sue Slaven and the Client. The Services were performed by Sue Slaven with all reasonable skill and care ordinarily exercised by a reasonable environmental consultant at the time the Services were performed. Further, and in particular, the Services were performed by Sue Slaven taking into account the limits of the scope of works required by the client, the prevailing site conditions, the timescale involved and resources, including financial and manpower resources, agreed between Sue Slaven and the Client. Sue Slaven cannot accept responsibility to any parties whatsoever, following the issue of this report, for any matters arising which may be considered outwith the agreed scope of works.

Other than that expressly contained in the above paragraph, Sue Slaven provides no other representation or warranty whether express or implied, in relation to the Services. Unless otherwise agreed, this report has been prepared exclusively for the use and reliance of the Client in accordance with generally accepted consulting practices and for the intended purposes, as stated in the agreement under which this work was completed. This report may not be relied upon, or transferred to, by any other party without the written agreement of Sue Slaven. If a third party relies on this report, it does so wholly at its own and sole risk and Sue Slaven disclaims any liability to such parties.

It is Sue Slaven's understanding that this report is to be used for the purpose described in the introduction to the report. That purpose was a significant factor in determining the scope and level of the Services. Should the purpose for which the report is used, or the proposed use of the site, change, this report may no longer be valid and any further use of, or reliance upon the report in those circumstances by the client without Sue Slaven's review and advice shall be at the client's sole and own risk.

The information contained in this report is protected by disclosure under Part 3 of the Environmental Information Regulations 2004 pursuant to the provisions of Regulation 12(5) without the consent in writing of Sue Slaven.

The report was prepared in the month stated on the front of the report and should be read in light of any subsequent changes in legislation, statutory requirements and industry practices. Ground conditions can also change over time and further investigations or assessment should be made if there is any significant delay in acting on the findings of this report. The passage of time may result in changes in site conditions, regulatory or other legal provisions, technology or economic conditions which could render the report inaccurate or unreliable. The information and conclusions contained in this report should not be relied upon in the future without the written advice of Sue Slaven. In the absence of such written advice, reliance on the report in the future shall be at the Client's own and sole risk. Should Sue Slaven be requested to review the report in the future, Sue Slaven shall be entitled to additional payment at the then existing rate or such other terms as may be agreed between Sue Slaven and the Client.

The observations and conclusions described in this report are based solely upon the Services that were provided pursuant to the agreement between the Client and Sue Slaven. Sue Slaven has not performed any observations, investigations, studies or testing not specifically set out or mentioned within this report. Sue Slaven is not liable for the existence of any condition, the discovery of which would require performance of services not otherwise contained in the Services. For the avoidance of doubt, unless otherwise expressly referred to in the introduction to this report, Sue Slaven did not seek to evaluate the presence on or off the site of asbestos, electromagnetic fields, lead paint, radon gas or other radioactive or hazardous materials (including plants).

The Services are based upon Sue Slaven's observations of existing physical conditions at the site, together with Sue Slaven's interpretation of information including documentation, obtained from third parties and from the client on the history and usage of the site. The findings and recommendations contained in this report are based in part upon information provided by third parties, and whilst Sue Slaven has no reason to doubt the accuracy and that it has been provided in full from those it was requested from, the items relied on have not been verified. No responsibility can be accepted for errors within third party items presented in this report. Furthermore, Sue Slaven was not authorised and did not attempt to independently verify the accuracy or completeness of

information, documentation or materials received from the client or third parties, including laboratories and information services, during the performance of the Services. Sue Slaven is not liable for any inaccurate information or conclusions, the discovery of which inaccuracies required the doing of any act including the gathering of any information which was not reasonably available to Sue Slaven and including the doing of any independent investigation of the information provided to Sue Slaven, save as otherwise provided in the terms of the contract between the client and Sue Slaven.

Any site drawing(s) provided in this report is (are) not meant to be an accurate base plan, but is (are) used to present the general relative locations of features on, and surrounding, the site.

### **Planning Requirements**

This report has been prepared and authorised by Sue Slaven who is competent as defined in the National Planning Policy Framework (NPPF, 2012).

**Appendix B**  
**Environmental Risk Assessment**  
**Methodology & Terminology**

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## ENVIRONMENTAL RISK ASSESSMENT METHODOLOGY & TERMINOLOGY

### LEGISLATION OVERVIEW

This report includes hazard identification and environmental risk assessment in line with the risk-based methods referred to in relevant UK legislation and guidance. Government environmental policy is based upon a “suitable for use approach,” which is relevant to both the current use of land and also to any proposed future use. The contaminated land regime is the statutory regime for remediation of contaminated land that causes an unacceptable level of risk and is set out in Part 2A of the Environmental Protection Act 1990 (“EPA 1990”). The main objective of introducing the Part IIA regime is to provide an improved system for the identification and remediation of land where contamination is causing unacceptable risks to human health or the wider environment given the current use and circumstances of the land. Part IIA provides a statutory definition of contaminated land under Section 78A(2) as:

*“any land which appears to the Local Authority in whose area it is situated to be in such a condition, by reason of substances in, on, or under the land, that: (a) Significant harm is being caused or there is a significant possibility of such harm being caused; or (b) Pollution of controlled waters is being, or is likely to be, caused.”*

In order to assist in establishing if there is a “significant possibility of significant harm”, there must be a “contaminant linkage” for harm to exist. That means there must be a source(s) of contamination, sensitive receptors present and a connection or pathway between the two. This combination of contaminant-pathway-receptor is termed a “contaminant linkage or CPR linkage.”

In the planning process, guidance is provided by National Planning Policy Framework (NPPF, March 2012) which requires that a site which has been developed shall not be capable of being determined “contaminated land” under Part IIA. In practice, Planning Authorities require sites being developed to have a lower level of risk post-development than the higher level of risk that is required in order to determine a site as being contaminated in accordance with Part IIA. This is to ensure that there is a suitable zone of safety below the level for Part IIA determination and prevent recently developed sites becoming reclassified as contaminated land if there are future legislative or technical changes (e.g. a substance is subsequently found to be more toxic than previously assessed which increases its hazard).

The criteria for assessing concentrations of contaminants and hence determining whether a site represents a hazard are based on a range of techniques, models and guidance. Within this context, it is relevant to note that Government objectives are:

- (a) to identify and remove unacceptable risks to human health and the environment;
- (b) to seek to bring damaged land back into beneficial use;
- (c) to seek to ensure that the cost burdens faced by individuals, companies and society as a whole are proportionate, manageable and economically sustainable.

These three objectives underlie the “suitable for use” approach to risk management and remediation of contaminated land. The “suitable for use” approach focuses on the risks caused by land contamination. The approach recognises that the risks presented by any given level of contamination will vary greatly according to the use of the land and a wide range of other factors, such as the underlying geology of the site. Risks are therefore assessed on a site-specific basis.

The “suitable for use” approach then consists of three elements:

- (a) *ensuring that land is suitable for its current use* - in other words, identifying any land where contamination is causing unacceptable risks to human health and the environment, assessed on the basis of the current use and circumstances of the land, and returning such land to a condition where such risks no longer arise (“remediating” the land); the contaminated land regime provides the regulatory mechanisms to achieve this;

- 
- (b) *ensuring that land is made suitable for any new use, as planning permission is given for that new use - in other words, assessing the potential risks from contamination, on the basis of the proposed future use and circumstances, before permission is given for the development and, where necessary to avoid unacceptable risks to human health and the environment, remediating the land before the new use commences; this is the role of the town and country planning and building control regimes; and*
- (c) *limiting requirements for remediation to the work necessary to prevent unacceptable risks to human health or the environment in relation to the current use or future use of the land for which planning permission is being sought - in other words, recognising that the risks from contaminated land can be satisfactorily assessed only in the context of specific uses of the land (whether current or proposed), and that any attempt to guess what might be needed at some time in the future for other uses is likely to result either in premature work (thereby running the risk of distorting social, economic and environmental priorities) or in unnecessary work (thereby wasting resources).*

The mere presence of contaminants does not therefore necessarily warrant action, and consideration must be given to the scale of risk involved for the use that the site has, and will have in the future.

### PRELIMINARY RISK ASSESSMENT

The work presented in this report has been carried out in general accordance with recognised best practice as detailed in guidance documents such as in Environment Agency's Land Contamination: Risk Management documents (draft 2019), and BS 10175. The particular rationale behind the risk assessments presented is given in this appendix.

Current practice recommends that the determination of potential liabilities that could arise from land contamination be carried out using the process of risk assessment, whereby "risk" is defined as:

- "(a) The probability, or frequency, or occurrence of a defined hazard; and  
(b) The magnitude (including the seriousness) of the consequences."*

The UK's approach to the assessment of environmental risk is set out in by the Department of the Environment Transport and the Regions (2000) publication "A Guide to Risk Assessment and Risk Management for Environmental Protection" (also called Greenleaves II). This established an iterative, systematic staged process which comprised:

- (a) Hazard identification;
- (b) Hazard assessment;
- (c) Risk estimation;
- (d) Risk evaluation;
- (e) Risk assessment;

At each stage during the development process, the above steps are repeated as more detailed information becomes available for the site.

For an environmental risk to be present, all three of the following elements must be present:

- Source/Contaminant: hazardous substance that has the potential to cause adverse impacts;
- Receptor: target that may be affected by contamination: examples include human occupants/users of site, water resources (rivers or groundwater), or structures;
- Pathway: a viable route whereby a hazardous substance may come into contact with the receptor.

The absence of one or more of each component (contaminant, pathway, receptor) would prevent a contaminant linkage being established and thus, no significant environmental risk.

The identification of potential contaminant linkages is based on a Conceptual Model of the site, which is subject to continual refinement as additional data become available. As part of a Preliminary Risk Assessment (Desk

Study and site walkover) a Preliminary Conceptual Site Model (PCSM) is formed. Based on the PCSM, potential contaminant linkages can be assessed. If the PCSM and hazard assessment indicate that a contaminant linkage is not of significance, then no further assessment or action is required for this linkage. For each significant and potential linkage, a risk assessment is carried out. The linkages which potentially pose significant risks may require a variety of responses ranging from immediate remedial action or risk management or, more commonly, further investigation and risk assessment. This next stage is termed a Phase 2 Ground Investigation and should provide additional data to allow refinement of the Conceptual Site Model and assess the level of risk from each contaminant linkage.

### **Definition of Risk Assessment Terminology**

The criteria used for risk assessment are broadly based on those presented in DETR's "A Guide to Risk Assessment and Risk Management for Environmental Protection" (2000). The severity of the risk is classified according to the criteria in Table B.1 below:

**Table B.1 Severity/Consequence of Risk**

<b>Severe</b>	Acute risks to human health. Catastrophic damage to buildings/property (e.g. by explosion). Direct pollution of sensitive water receptors or serious pollution of other controlled water (watercourses or groundwater) bodies.
<b>Medium</b>	Harm to human health from long-term exposure. Slight pollution of sensitive controlled waters (surface waters or aquifers) or pollution of other water bodies. Significant effects on sensitive ecosystems or species.
<b>Mild</b>	No significant harm to human health in either short or long term. No pollution of sensitive controlled waters, no more than slight pollution of non-sensitive waters. Significant damage to buildings or structures. Requirement for protective equipment during site works to mitigate health effects.
<b>Negligible</b>	Damage to non-sensitive ecosystems or species. Minor damage to buildings or structures. No harm or pollution of water.

The probability of the risk occurring is classified according to criteria given in Table B.2 below:

**Table B.2: Probability of Risk Occurring**

<b>High likelihood</b>	Contaminant linkage may be present, and risk is almost certain to occur in the long term, or there is evidence of harm to the receptor.
<b>Medium/Reasonably Foreseeable</b>	Contaminant linkage may be present, and it is probable that the risk will occur over the long term.
<b>Low/Unlikely</b>	Contaminant linkage may be present and there is a possibility of the risk occurring, although there is no certainty that it will do so.
<b>Negligible/Not credible</b>	Contaminant linkage may be present but the circumstances under which harm would occur are improbable.

An overall evaluation of the level of risk is gained from a comparison of the severity and probability, as shown in Table B.3 below:

**Table B.3: Comparison of Severity and Probability**

		<b>Severity</b>			
		<b>Severe</b>	<b>Medium</b>	<b>Mild</b>	<b>Negligible</b>
<b>Probability</b>	<b>High likelihood</b>	Very High Risk	High Risk	Medium/Low Risk	Low Risk
	<b>Medium/Reasonably Foreseeable</b>	High Risk	Medium Risk	Low Risk	Near Zero



	<b>Low/Unlikely</b>	High/Medium Risk	Medium/Low Risk	Low Risk	Near Zero
	<b>Negligible/Not credible</b>	Medium/Low Risk	Low Risk	Low Risk	Near Zero

The various risk rankings provide guidance for recommended actions, whether this is:

- AR - Action Required, remediation or mitigation or site investigation works required
- SIR - Site Investigation Required, further assessment is required.
- NAR - No Action Required.

A description of the evaluated risk is as follows:

**Table B.4 Description of the Classified Risks and Likely Action Required**

<b>Evaluated Risk</b>	<b>Recommended Actions</b>
<b>Very High Risk</b>	AR: 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. 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.
<b>High Risk</b>	AR: Harm is likely to arise to a designated receptor from an identified hazard. 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 long term.
<b>Moderate Risk</b>	SI: It is possible that harm could arise to a designated receptor from an identified hazard. However, it is 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. 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.
<b>Low Risk</b>	NAR: It is possible that harm could arise to a designated receptor from an identified hazard, but there is a low likelihood of this hazard occurring and if realised, harm would at worst normally be mild.
<b>Near Zero</b>	NAR: There is a negligible possibility that harm could arise to a receptor. In the event of such harm being realised, it is not likely to be severe.

## Appendix C

### Site Photographs



Photograph 1: The south-western corner of the site, and the entrance to the kennels.



Photograph 2: The track road in-between the site and farm buildings to the south, which leads northwards to farm buildings and residential properties.





Photograph 3: The area (No 8) on the outside of the kennels.



Photograph 4: The pig barn (Building 1).





Photograph 5: The area (No. 9) to the east of the pig barn.



Photograph 6: The northern part of the area (No.9) and the northern site boundary looking towards the pig barn (Building1).





Photograph 7: Two manholes to the east of the pig barn: one of which was for slurry.



Photograph 8: Inside the pig barn. (Building 1)





Photograph 9: Inside the pig barn. (Building 1)



Photograph 10: Separate kennel building. (Building 3)





Photograph 11: Kennel buildings (Buildings 3 and 7).



Photograph 12: The main kennel area (Buildings 3 and 7 on the left and Building 4 and 6 on the right).





Photograph 13: The main kennel area (Buildings 6 and 7)



Photograph 14: The kennels from the entrance, looking towards the north.





Photograph 15: Buildings 4 and 5.



Photograph 16: The kennel building (Building 6).





Photograph 17: The Kennel building (Building 7).



Photograph 18: The welfare/administration part of the Kennels (Building 7).





Photograph 19: The cattery, which lies to the rear of Building 3 and is adjoined by an alley to Building 7 (Building 7a).



Photograph 20: The courtyard (No 2), between Buildings 7 and 1.





Photograph 21: The courtyard, (No 2) looking back towards the cattery (Building 7a).



Photograph 22: The courtyard (No 2), looking back towards Building 7.





Photograph 23: The courtyard (No 2), with Building 1 on the right.



Photograph 24: Part of the northern site boundary looking towards the east.





Photograph 25: Part of the northern site boundary, looking towards the west.



Photograph 26: Part of the northern side boundary and the northern side of the pig barn (Building 1).





Photograph 27: The western site boundary.



Photograph 28: The access road to the site and the farm.





Photograph 29: The area to the west of the site.



Photograph 30: The area immediately to the north of the site.





Photograph 31: The barn immediately to the south of the site.



Photograph 32: The barn and area immediately to the south of the site.

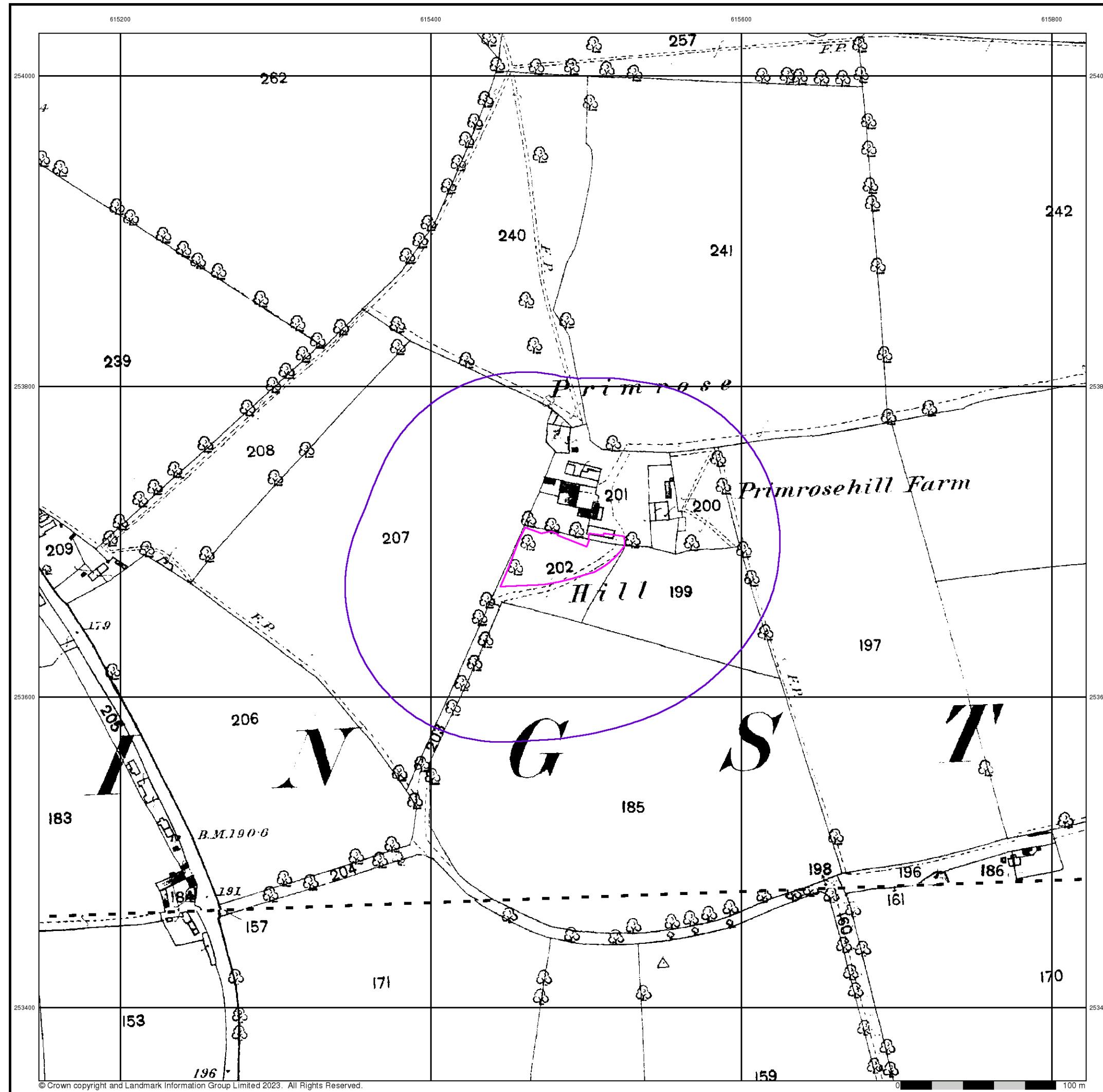


Photograph 33: Farm buildings to the south-east of the site.

## Appendix D

### Historical Maps



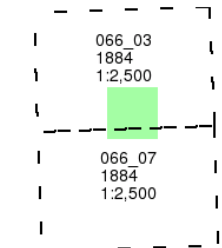


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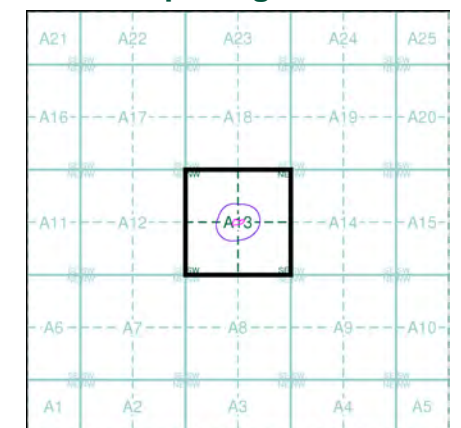
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered 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.

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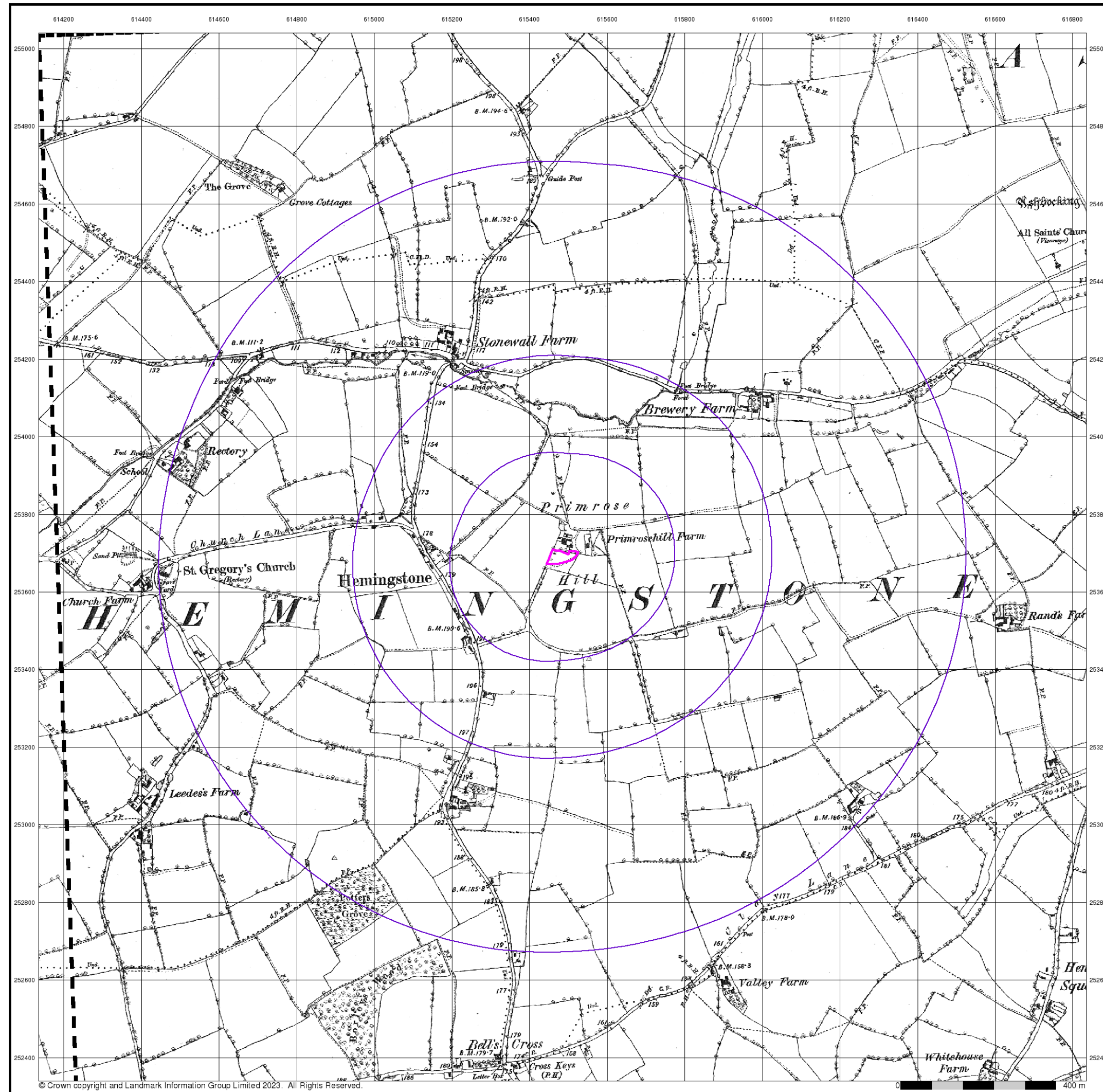


**Historical Map - Segment A13**



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 Search Buffer (m): 100

**Site Details**  
 Primrose Hill Farm, Main Road, Hemingstone, IPSWICH, IP6 9RL



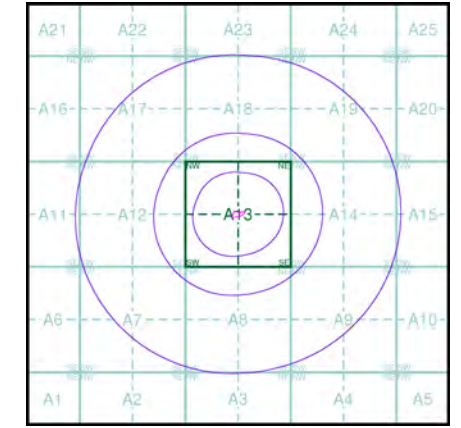
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

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

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066NW 1884 1:10,560	066NE 1884 1:10,560

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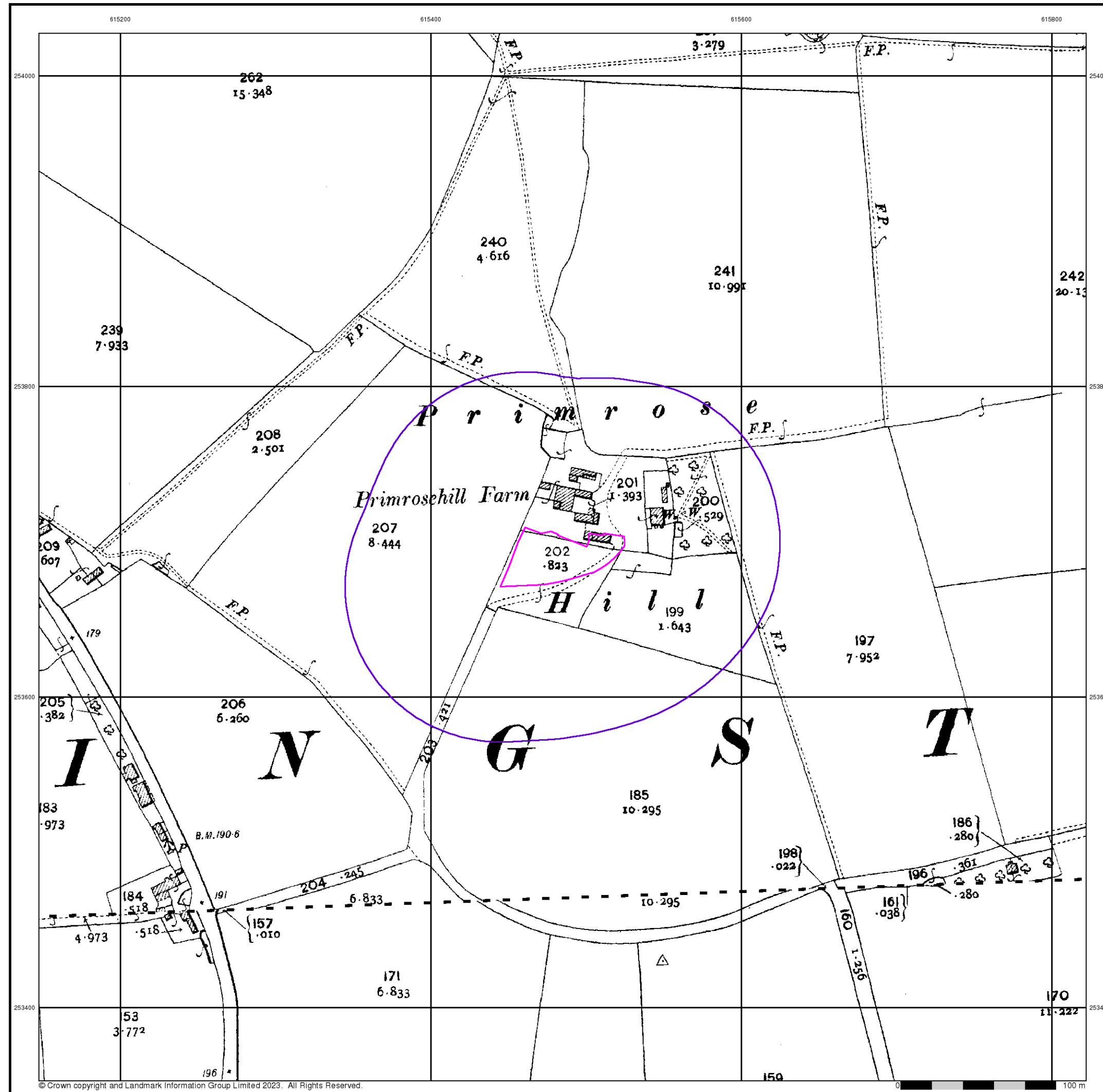
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 Search Buffer (m): 1000

**Site Details**

Primrose Hill Farm, Main Road, Hemingstone, IPSWICH, IP6 9RL

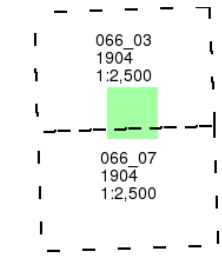




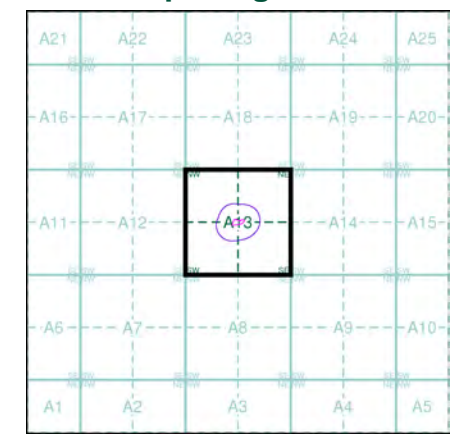
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**Map Name(s) and Date(s)**



**Historical Map - Segment A13**

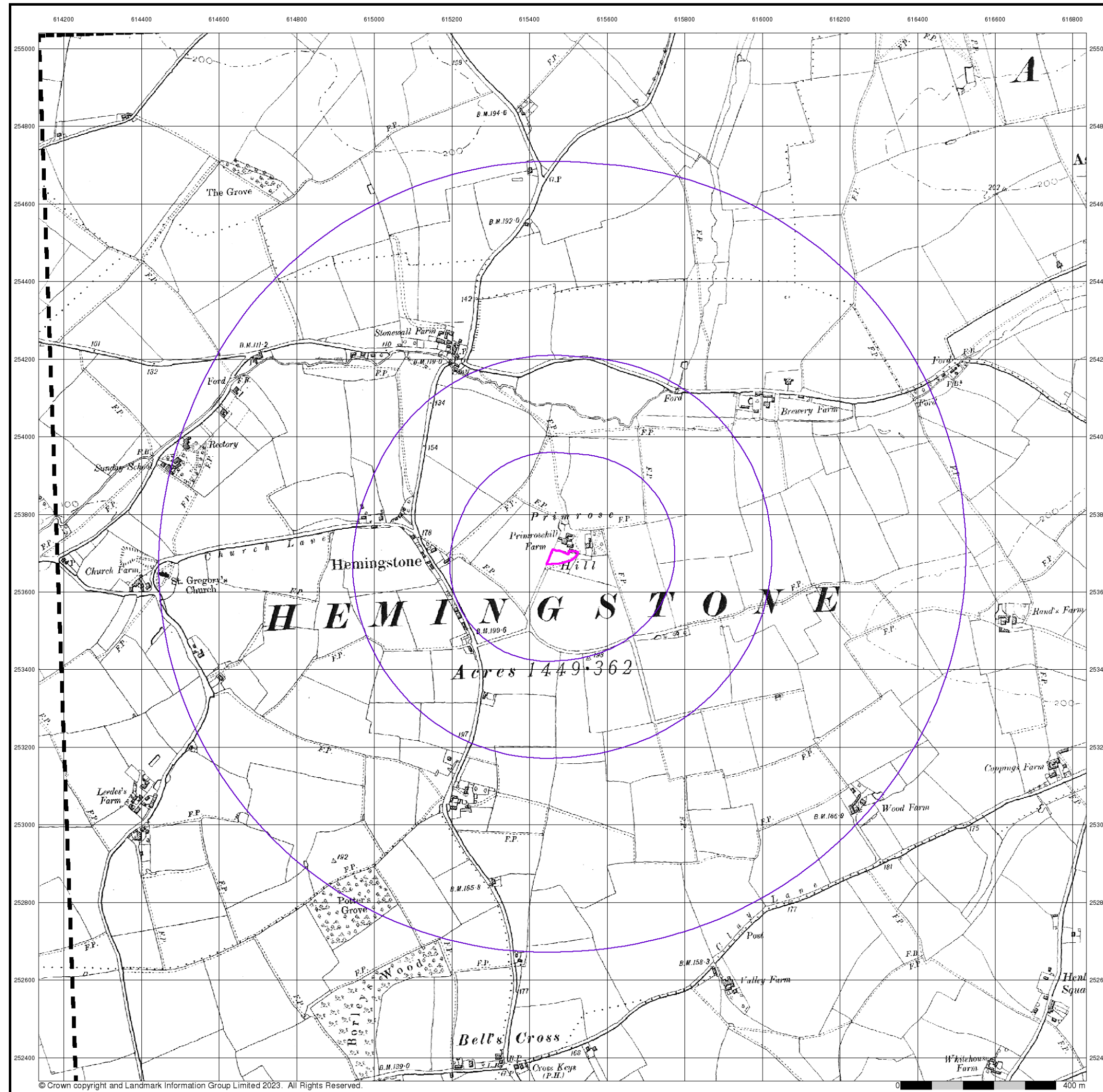


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**Site Details**

Primrose Hill Farm, Main Road, Hemingstone, IPSWICH, IP6 9RL



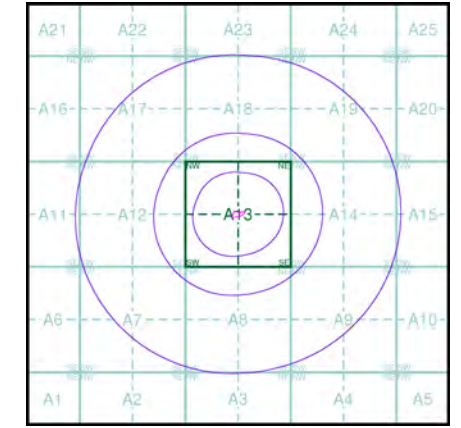
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**Map Name(s) and Date(s)**

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066NW 1905 1:10,560	066NE 1905 1:10,560

**Historical Map - Slice A**



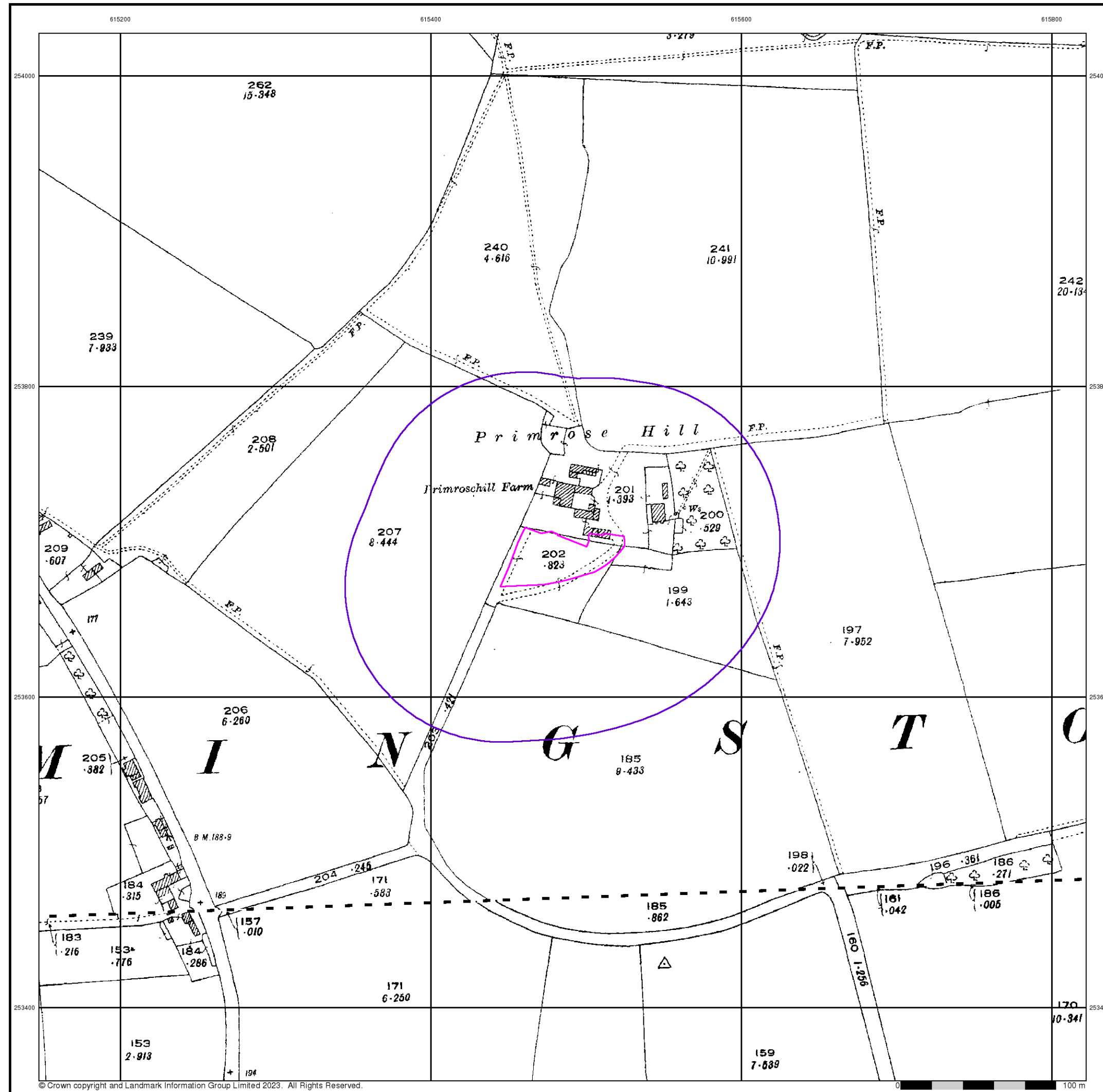
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 Site Area (Ha): 0.2  
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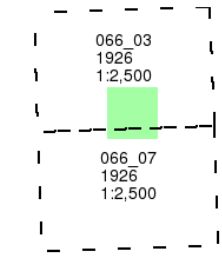




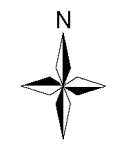
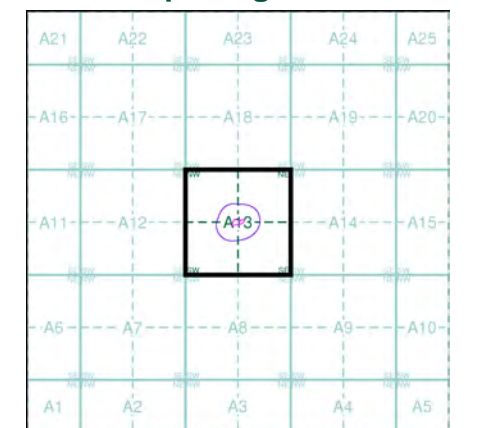
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**Published 1926**  
**Source map scale - 1:2,500**

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**

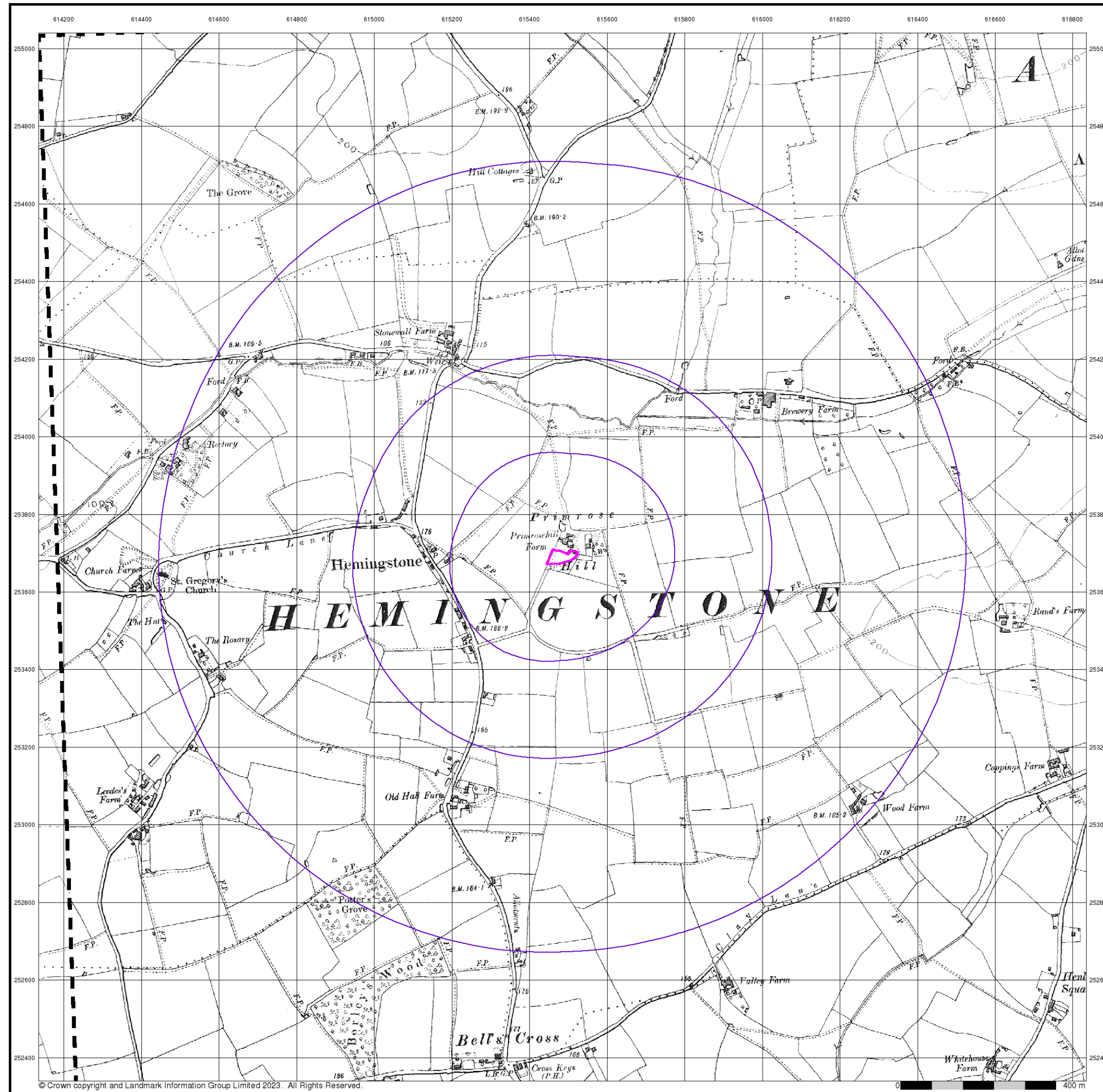


**Order Details**

Order Number: 309238998\_1\_1  
 Customer Ref: P0341  
 National Grid Reference: 615480, 253690  
 Slice: A  
 Site Area (Ha): 0.2  
 Search Buffer (m): 100

**Site Details**

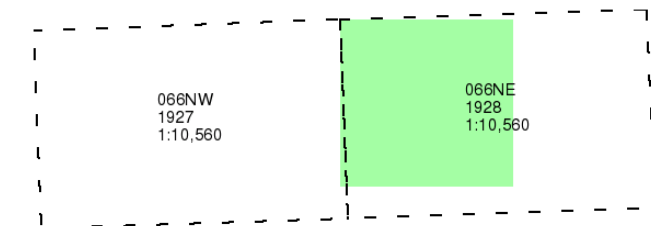
Primrose Hill Farm, Main Road, Hemingstone, IPSWICH, IP6 9RL



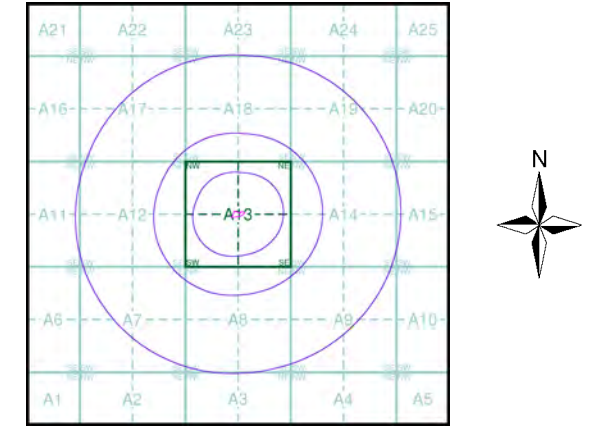
**Suffolk**  
**Published 1927 - 1928**  
**Source map scale - 1:10,560**

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

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



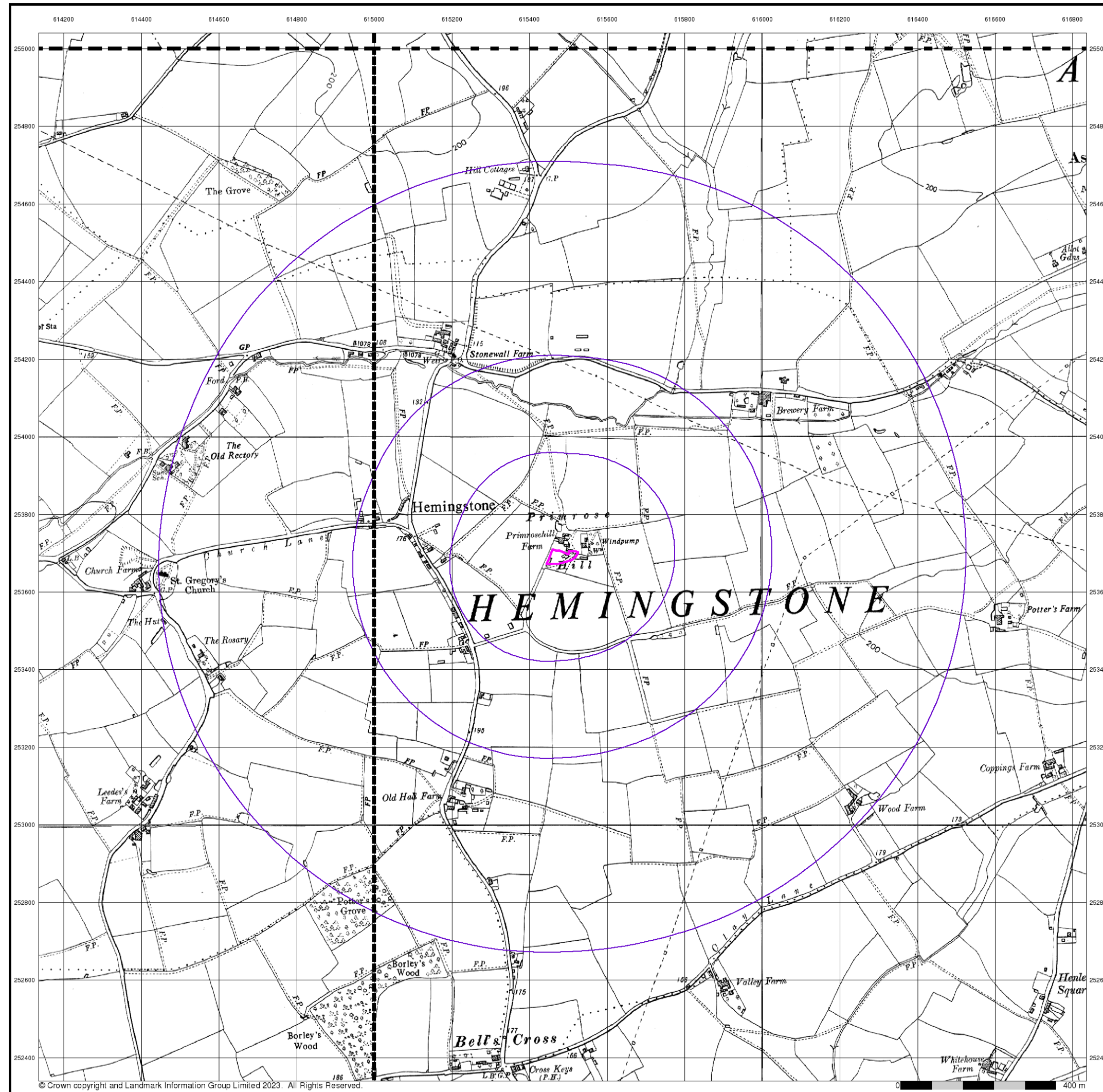
**Historical Map - Slice A**



**Order Details**  
 Order Number: 309238998\_1\_1  
 Customer Ref: P0341  
 National Grid Reference: 615480, 253690  
 Slice: A  
 Site Area (Ha): 0.2  
 Search Buffer (m): 1000

**Site Details**  
 Primrose Hill Farm, Main Road, Hemingstone, IPSWICH, IP6 9RL





## Ordnance Survey Plan

Published 1957 - 1958

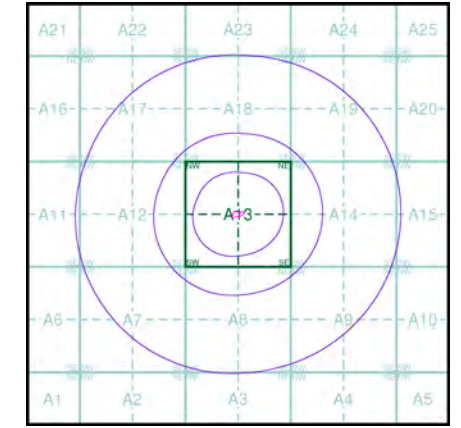
Source map scale - 1:10,000

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

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

TM15NW	TM15NE
1957	1957
1:10,560	1:10,560
TM15SW	TM15SE
1958	1957
1:10,560	1:10,560

### Historical Map - Slice A

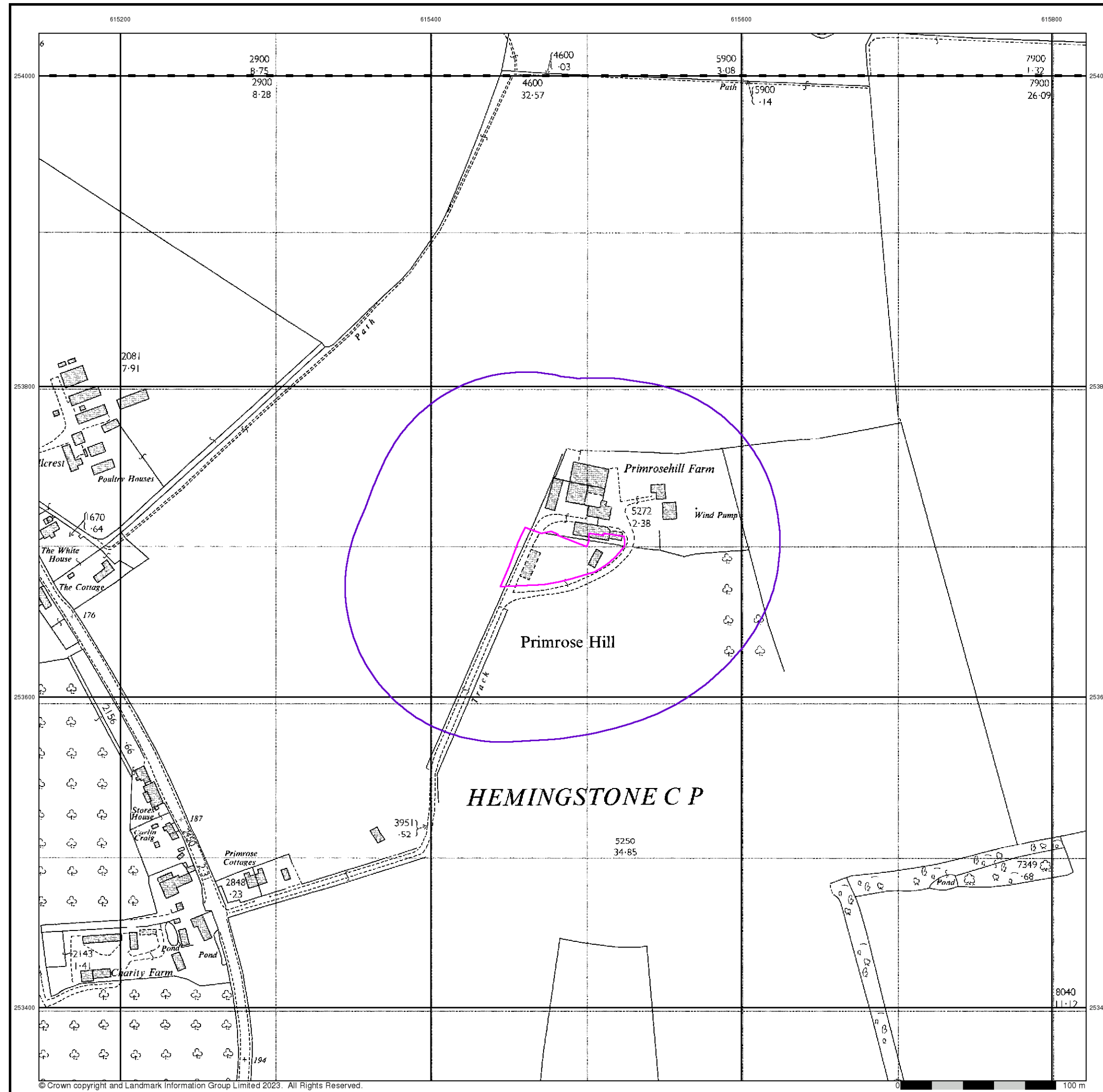


### Order Details

Order Number: 309238998\_1\_1  
 Customer Ref: P0341  
 National Grid Reference: 615480, 253690  
 Slice: A  
 Site Area (Ha): 0.2  
 Search Buffer (m): 1000

### Site Details

Primrose Hill Farm, Main Road, Hemingstone, IPSWICH, IP6 9RL



## Ordnance Survey Plan

Published 1969

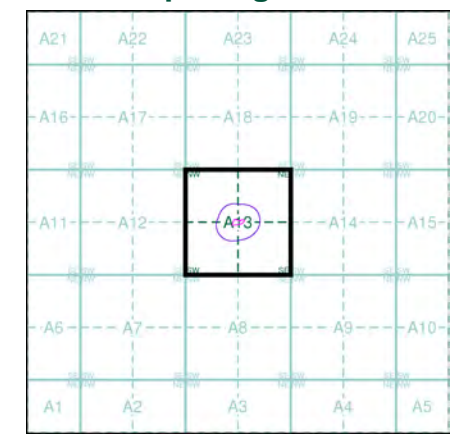
Source map scale - 1:2,500

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)

TM1554	1969	1:2,500
TM1553	1969	1:2,500

### Historical Map - Segment A13



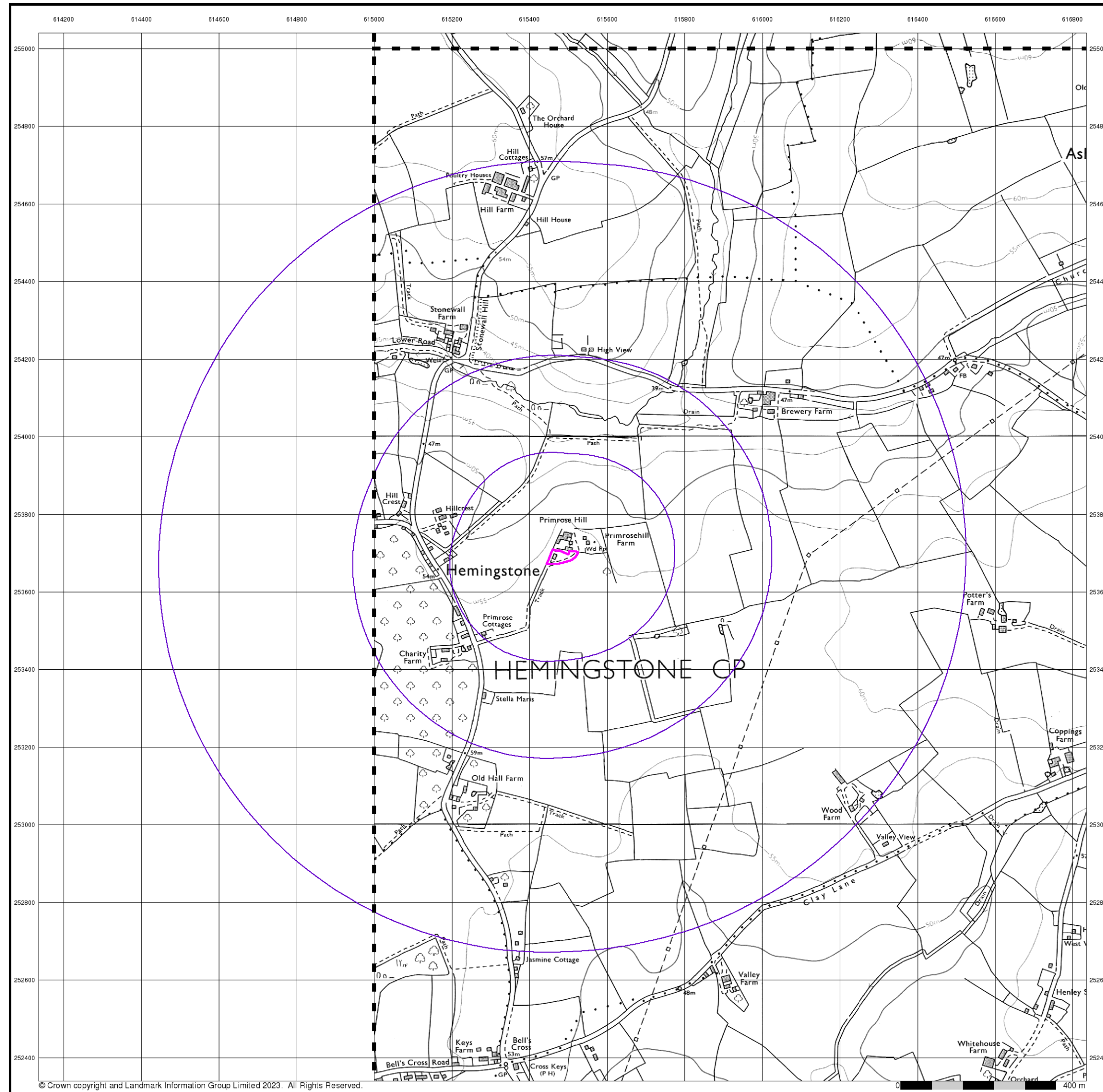
### Order Details

Order Number: 309238998\_1\_1  
 Customer Ref: P0341  
 National Grid Reference: 615480, 253690  
 Slice: A  
 Site Area (Ha): 0.2  
 Search Buffer (m): 100

### Site Details

Primrose Hill Farm, Main Road, Hemingstone, IPSWICH, IP6 9RL





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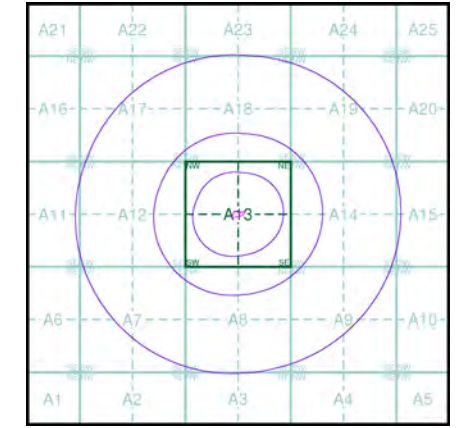
## Ordnance Survey Plan Published 1980 Source map scale - 1:10,000

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)

TM15NE	1980	1:10,000
TM15SE	1980	1:10,000

### Historical Map - Slice A

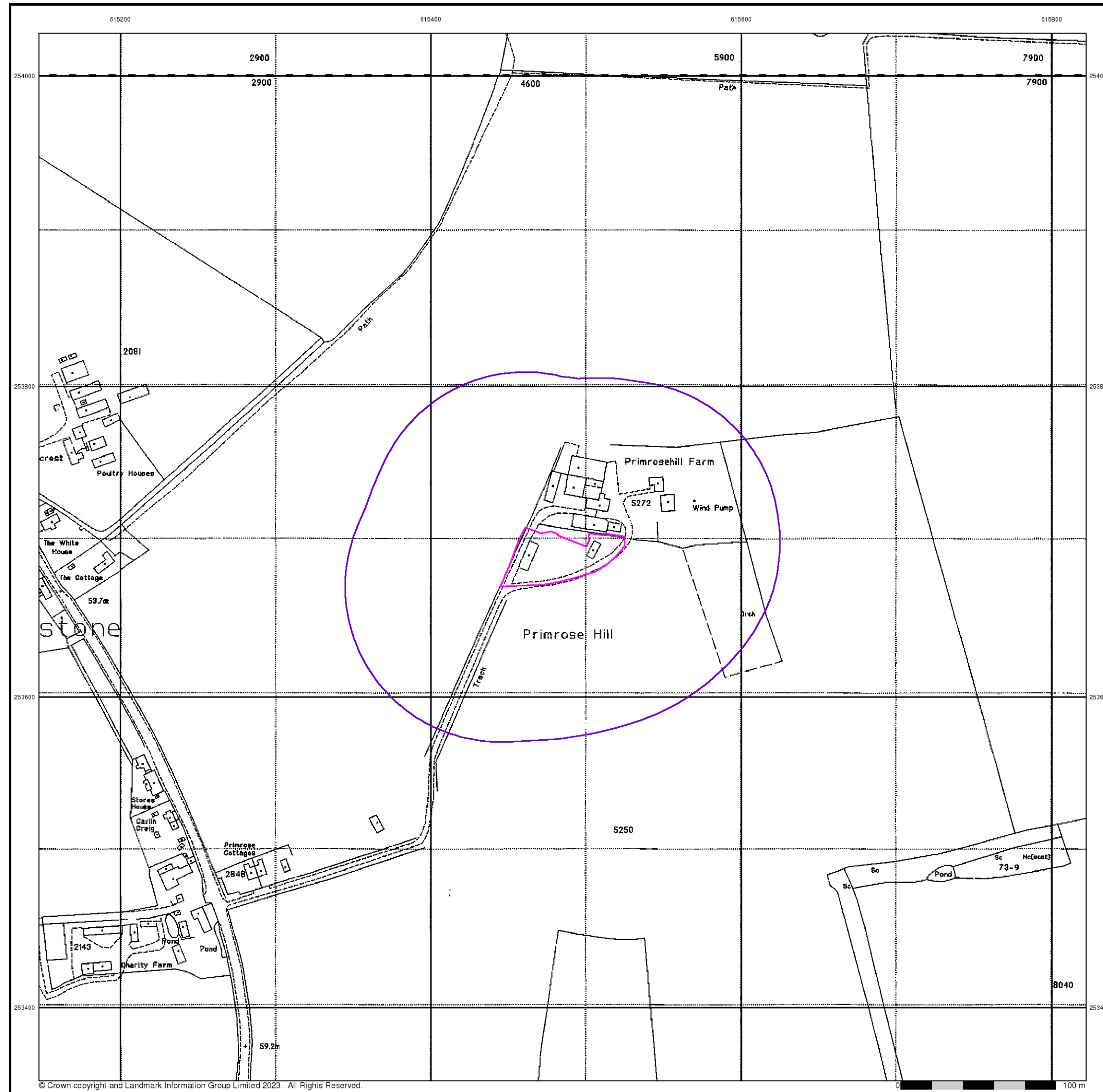


### Order Details

Order Number: 309238998\_1\_1  
 Customer Ref: P0341  
 National Grid Reference: 615480, 253690  
 Slice: A  
 Site Area (Ha): 0.2  
 Search Buffer (m): 1000

### Site Details

Primrose Hill Farm, Main Road, Hemingstone, IPSWICH, IP6 9RL



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## Large-Scale National Grid Data

Published 1994

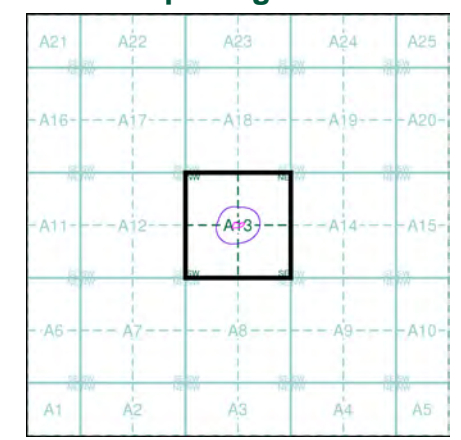
Source map scale - 1:2,500

'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)

TM1554	1994	1:2,500
TM1553	1994	1:2,500

### Historical Map - Segment A13



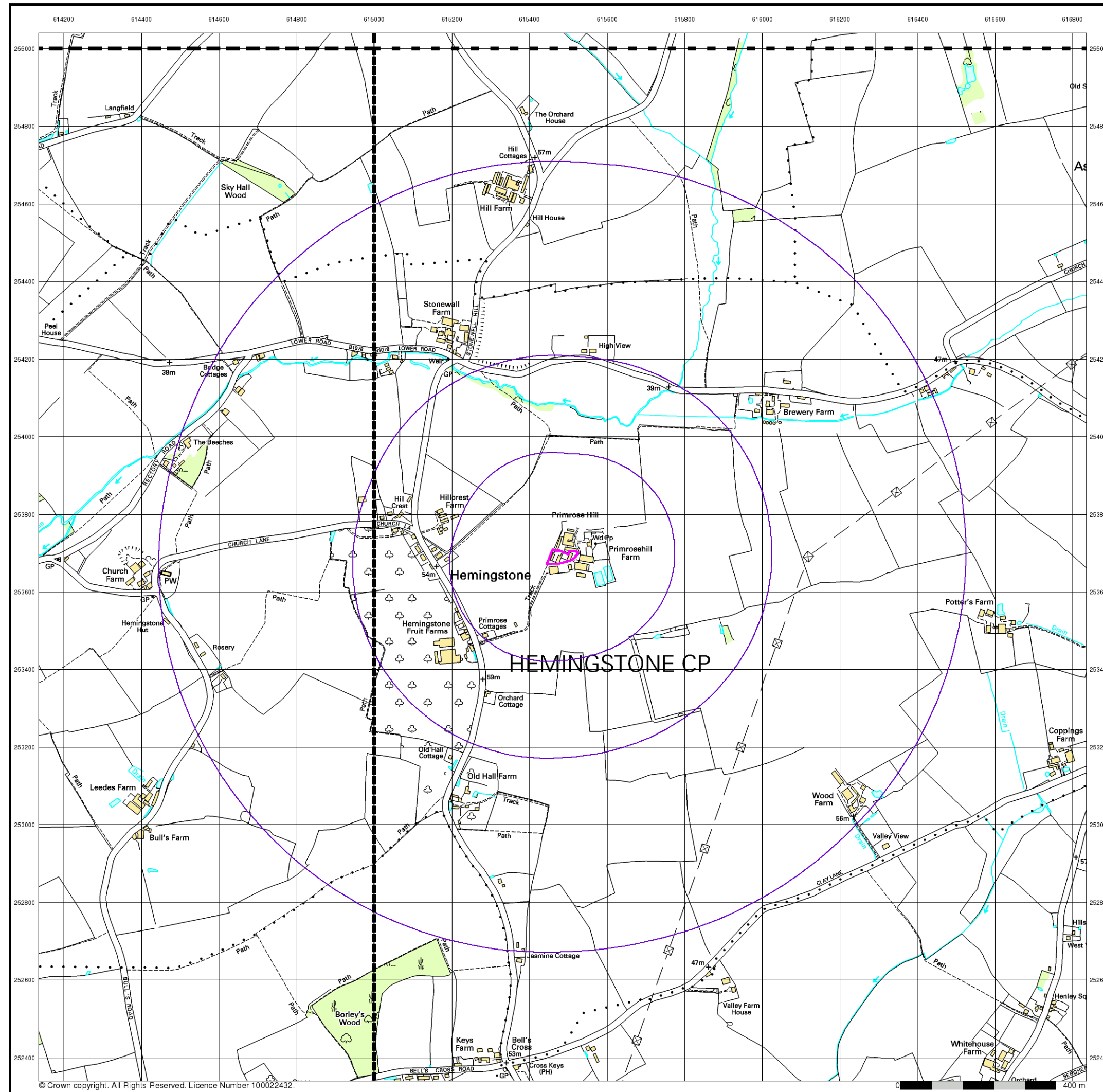
### Order Details

Order Number: 309238998\_1\_1  
 Customer Ref: P0341  
 National Grid Reference: 615480, 253690  
 Slice: A  
 Site Area (Ha): 0.2  
 Search Buffer (m): 100

### Site Details

Primrose Hill Farm, Main Road, Hemingstone, IPSWICH, IP6 9RL





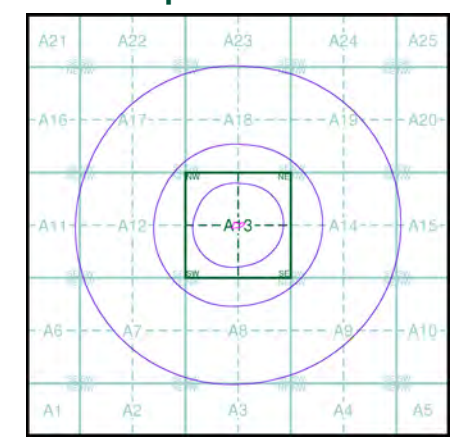
**10k Raster Mapping**  
**Published 2000**  
**Source map scale - 1:10,000**

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)

TM15NW 2000 1:10,000	TM15NE 2000 1:10,000
TM15SW 2000 1:10,000	TM15SE 2000 1:10,000

### Historical Map - Slice A

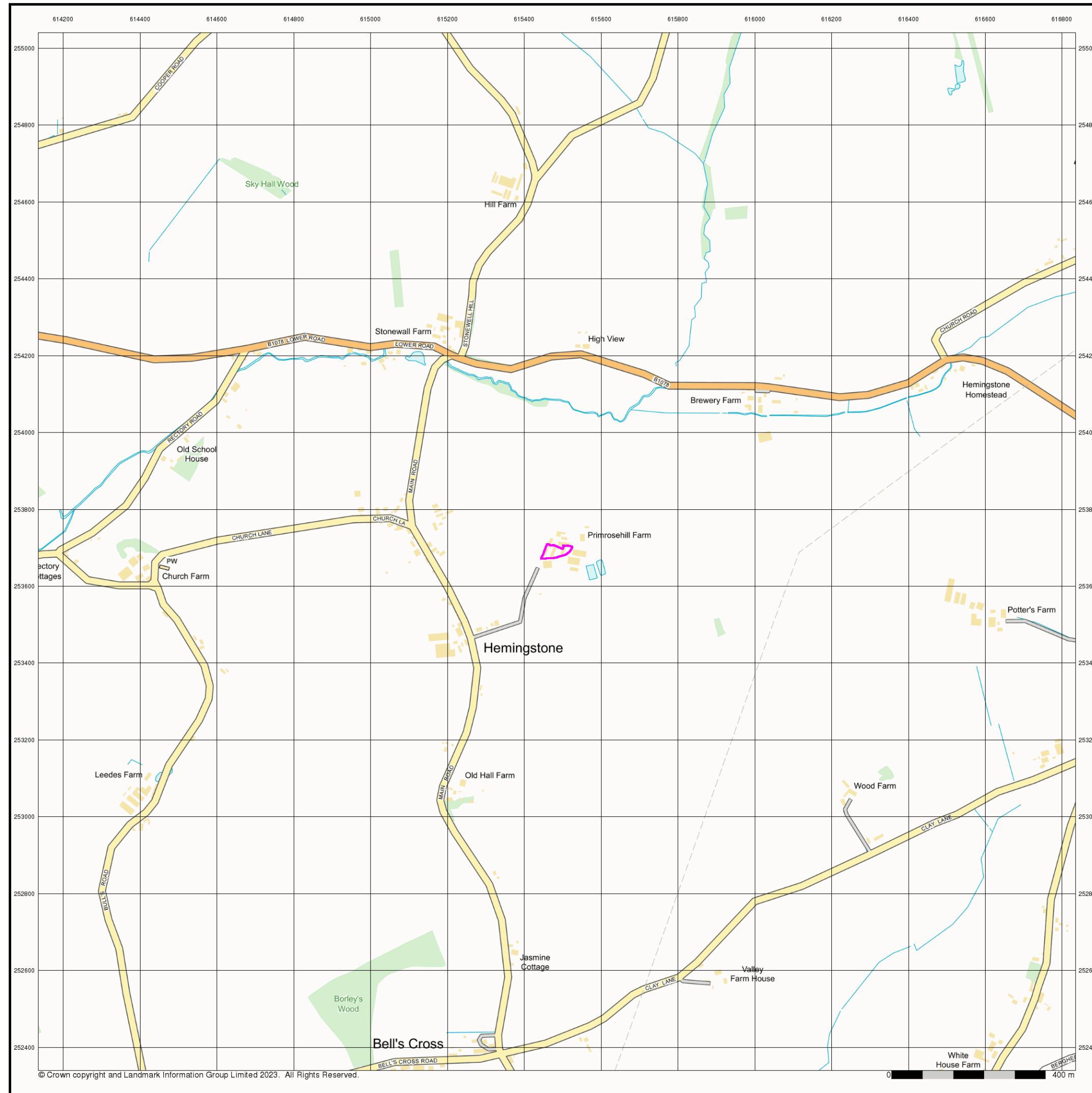


### Order Details

Order Number: 309238998\_1\_1  
 Customer Ref: P0341  
 National Grid Reference: 615480, 253690  
 Slice: A  
 Site Area (Ha): 0.2  
 Search Buffer (m): 1000

### Site Details

Primrose Hill Farm, Main Road, Hemingstone, IPSWICH, IP6 9RL



**Street View**  
**Published 2023**  
**Source map scale - 1:10,000**  
 Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

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

**Street View Map - Slice A**

**Order Details**  
 Order Number: 309238998\_1\_1  
 Customer Ref: P0341  
 National Grid Reference: 615480, 253690  
 Slice: A  
 Site Area (Ha): 0.2  
 Search Buffer (m): 1000

**Site Details**  
 Primrose Hill Farm, Main Road, Hemingstone, IPSWICH, IP6 9RL

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**Appendix E**

**Envirocheck Report**

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

309238998\_1\_1

**Customer Reference:**

P0341

**National Grid Reference:**

615480, 253690

**Slice:**

A

**Site Area (Ha):**

0.2

**Search Buffer (m):**

1000

#### Site Details:

Primrose Hill Farm, Main Road

Hemingstone

IPSWICH

IP6 9RL

#### Client Details:

Mrs S Slaven

Sue Slaven

33 Windmill Close

Great Cornard

SUDBURY

Suffolk

CO10 0FL

#### Prepared For:

Mrs M Mayhew

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	19
Hazardous Substances	-
Geological	20
Industrial Land Use	21
Sensitive Land Use	22
Data Currency	23
Data Suppliers	28
Useful Contacts	29

### Introduction

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

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### Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		1	14	22
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 10		Yes		
Pollution Incidents to Controlled Waters	pg 10		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	pg 11		1	6	1 (*4)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 14	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 14	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 14	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 14	Yes	n/a	n/a	n/a
Source Protection Zones	pg 14	1			
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 14			6	25

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 19	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 19				1
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					
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 20	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities	pg 20		1		
Non Coal Mining Areas of Great Britain	pg 20	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 20		Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 20	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 21			3	2
Fuel Station Entries					
Gas Pipelines					
Underground Electrical Cables					
<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 22	2	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	A13NW (W)	0	1	615483 253691
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	241	1	615483 253950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	297	1	615550 254000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	341	1	615483 254050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	347	1	615400 254050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	391	1	615483 254100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	396	1	615400 254100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	407	1	615350 254100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	423	1	615300 254100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	444	1	615250 254100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	445	1	615400 254150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	445	1	615000 253691
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	489	1	615250 254150
1	<b>Discharge Consents</b> Operator: P N & A J Adams Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: The Stores Barn Hemingstone, Ipswich, Suffolk, Ip6 9rj Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Pr4nf1683 Permit Version: 1 Effective Date: 4th May 1988 Issued Date: 4th May 1988 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Trib River Gipping <b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b> Positional Accuracy: Located by supplier to within 100m	A13NW (W)	247	2	615200 253700
2	<b>Discharge Consents</b> Operator: Mr A J Banks Property Type: Domestic Property (Single) Location: Crankies Gate Cottage Main Street, Hemingstone, Ipswich, Suffolk, Ip6 9rj Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prenf01320 Permit Version: 2 Effective Date: 23rd January 1992 Issued Date: 23rd January 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Gipping <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b> Positional Accuracy: Located by supplier to within 100m	A13SW (W)	262	2	615200 253580

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: Mr A J Banks  Property Type: Domestic Property (Single)  Location: Crankies Gate Cottage Main Street, Hemingstone, Ipswich, Suffolk, Ip6 9rj  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Prenf01320  Permit Version: 1  Effective Date: 21st July 1989  Issued Date: 21st July 1989  Revocation Date: 22nd January 1992  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Gipping  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13SW (W)	262	2	615200 253580
3	<p><b>Discharge Consents</b></p> <p>Operator: Ms Marie Beaton  Property Type: Domestic Property (Single)  Location: New Property Adjacent Primrose Hill Farm, Hemingstone, Ipswich, Suffolk, Ip6 9rl  Authority: Environment Agency, Anglian Region  Catchment Area: River Brett (Hadleigh)  Reference: Npswqd000218  Permit Version: 1  Effective Date: 27th February 2008  Issued Date: 27th February 2008  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tirbutary Of River Gipping  <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</p>	A13SW (SW)	263	2	615257 253487
3	<p><b>Discharge Consents</b></p> <p>Operator: Mr &amp; Mrs J T Wright  Property Type: Domestic Property (Single)  Location: Hornbeam Cottage Main Road, Heminstone, Ipswich, Suffolk, Ip6 9rj  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Prenf10263  Permit Version: 1  Effective Date: 12th January 1996  Issued Date: 12th January 1996  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Gipping  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	270	2	615237 253499
3	<p><b>Discharge Consents</b></p> <p>Operator: E Ruth Fox  Property Type: Domestic Property (Single)  Location: 1 Primrose Cottages Hemingstone, Ipswich, Suffolk, Ip6 9rl  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf07972  Permit Version: 1  Effective Date: 3rd November 1993  Issued Date: 3rd November 1993  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Coddenham Watercourse  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	280	2	615250 253470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p><b>Discharge Consents</b></p> <p>Operator: Mr Julian T Gamble &amp; Mrs Susan Gamble  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Charity Farmhouse Main Road, Hemingstone, Ipswich, Suffolk, Ip6 7rj  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Prenf19559  Permit Version: 1  Effective Date: 11th August 2005  Issued Date: 11th August 2005  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Gipping  <b>Status:</b> <b>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</p>	A13SW (SW)	283	2	615250 253467
4	<p><b>Discharge Consents</b></p> <p>Operator: Michael David James Cox  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: The White House, Main Road, Hemingstone, Ipswich, Ip6 9rj  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Prenf11913  Permit Version: 1  Effective Date: 6th December 1999  Issued Date: 8th February 2000  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Gipping  <b>Status:</b> <b>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</p>	A12NE (W)	331	2	615120 253730
4	<p><b>Discharge Consents</b></p> <p>Operator: Vivian Charles Codd  Property Type: Domestic Property (Single)  Location: Bede House Main Rd, Hemingstone, Ipswich, Suffolk, Ip6 9rj  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Prenf10825  Permit Version: 1  Effective Date: 3rd February 1997  Issued Date: 3rd February 1997  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Coddendam Watercours  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	338	2	615110 253710
4	<p><b>Discharge Consents</b></p> <p>Operator: A K D &amp; S J Bower  Property Type: Domestic Property (Single)  Location: Willow Gate House Main Road, Hemingstone, Ipswich, Suffolk, Ip6 9rj  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Prenf08467  Permit Version: 1  Effective Date: 6th April 1993  Issued Date: 6th April 1993  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Gipping  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	339	2	615110 253720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p><b>Discharge Consents</b></p> <p>Operator: K J Brazier  Property Type: Undefined Or Other  Location: Willow Gate House Main Road, Hemingstone, Ipswich, Suffolk  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf08467  Permit Version: 1  Effective Date: 6th April 1993  Issued Date: 6th April 1993  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Gipping  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	339	2	615110 253720
4	<p><b>Discharge Consents</b></p> <p>Operator: David Westrup  Property Type: Domestic Property (Single)  Location: Rivendell Church Lane, Hemingstone, Ipswich, Ip6 9rh  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Prenf04313  Permit Version: 1  Effective Date: 13th May 1991  Issued Date: 13th May 1991  Revocation Date: 15th January 1992  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Of River Debden  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	349	2	615100 253720
5	<p><b>Discharge Consents</b></p> <p>Operator: Mr &amp; Mrs A M Wierwicki  Property Type: Domestic Property (Single)  Location: Wyndy Ridge Church Lane, Hemingstone, Ipswich, Suffolk, Ip6 9rh  Authority: Environment Agency, Anglian Region  Catchment Area: River Brett (Hadleigh)  Reference: Prenf14083  Permit Version: 1  Effective Date: 20th June 2002  Issued Date: 20th June 2002  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Gipping  <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</p>	A12NE (W)	398	2	615080 253830
6	<p><b>Discharge Consents</b></p> <p>Operator: Miss Marion M Self  Property Type: Domestic Property (Single)  Location: Hillcrest Main Road, Hemingstone, Suffolk, Suffolk, Ip6 9rj  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Prenf13946  Permit Version: 1  Effective Date: 20th February 2002  Issued Date: 20th February 2002  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Gipping  <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</p>	A12NE (W)	406	2	615060 253800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p><b>Discharge Consents</b></p> <p>Operator: David Westrup  Property Type: Domestic Property (Single)  Location: Rivendell Church Lane, Hemingstone, Ipswich, Ip6 9rh  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf04313  Permit Version: 2  Effective Date: 16th January 1992  Issued Date: 16th January 1992  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Deben  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	406	2	615048 253754
7	<p><b>Discharge Consents</b></p> <p>Operator: Mr D I Neuteboom  Property Type: Not Supplied  Location: Plot 1. Part Os 0368 Church Lane, Hemingstone, Suffolk, Ip31 3lr  Authority: Environment Agency, Anglian Region  Catchment Area: Catchment 29 Unknown Detail  Reference: Pref03951  Permit Version: 1  Effective Date: 5th November 1990  Issued Date: 5th November 1990  Revocation Date: 12th October 2006  Discharge Type: Unknown  Discharge: Not Supplied  Environment:  Receiving Water: Not Supplied  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	513	2	614940 253760
7	<p><b>Discharge Consents</b></p> <p>Operator: Mr D I Neuteboom  Property Type: Not Supplied  Location: Plot 2. Part Os 0368 Church Lane, Hemingstone, Suffolk, Ip31 3lr  Authority: Environment Agency, Anglian Region  Catchment Area: Catchment 29 Unknown Detail  Reference: Pref03952  Permit Version: 1  Effective Date: 5th November 1990  Issued Date: 5th November 1990  Revocation Date: 12th October 2006  Discharge Type: Unknown  Discharge: Not Supplied  Environment:  Receiving Water: Not Supplied  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	530	2	614920 253740
8	<p><b>Discharge Consents</b></p> <p>Operator: Mr Paul Nolan Arbon  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Brewery Farm Barn Hemingstone, Nr Ipswich, Suffolk, Ip6 9rr  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Pref03478  Permit Version: 1  Effective Date: 28th August 1990  Issued Date: 28th August 1990  Revocation Date: 13th July 2005  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Land/Soakaway  Environment:  Receiving Water: Land  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	595	2	616000 254060

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p><b>Discharge Consents</b></p> <p>Operator: Mr Paul Nolan Arbon  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Brewery Farm Barn Hemingstone, Nr Ipswich, Suffolk, Ip6 9rr  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Pref03478  Permit Version: 2  Effective Date: 14th July 2005  Issued Date: 14th July 2005  Revocation Date: 14th July 2017  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Land/Soakaway  Environment:  Receiving Water: Land  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	615	2	616010 254080
9	<p><b>Discharge Consents</b></p> <p>Operator: Mr Chris Hills  Property Type: Domestic Property (Single)  Location: Old Hall Farm, Hemingstone, Suffolk, Ip6 9rj  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Npswqd001969  Permit Version: 1  Effective Date: 12th June 2008  Issued Date: 12th June 2008  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of The River Fynn  <b>Status:</b> <b>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</p>	A8NW (S)	609	2	615252 253094
10	<p><b>Discharge Consents</b></p> <p>Operator: Jasper Philip Dormer  Property Type: Domestic Property (Single)  Location: Granville Court No.1 Lower Rd, Hemingstone, Suffolk, Ip6 9qt  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Prefn10347  Permit Version: 1  Effective Date: 19th February 1996  Issued Date: 19th February 1996  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Gipping  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	612	2	615070 254180
10	<p><b>Discharge Consents</b></p> <p>Operator: Mrs J Legg  Property Type: Domestic Property (Single)  Location: Granville Court No.4 Lower Rd, Hemingstone, Ipswich, Suffolk, Ip6 9qt  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Prefn10350  Permit Version: 1  Effective Date: 19th February 1996  Issued Date: 19th February 1996  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Gipping  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	612	2	615070 254180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p><b>Discharge Consents</b></p> <p>Operator: Mr R R Granville  Property Type: Domestic Property (Single)  Location: The Ashes Granville Cl, Lower Rd, Hemingstone, Suffolk, Ip6 9rt  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf10340  Permit Version: 1  Effective Date: 21st February 1996  Issued Date: 21st February 1996  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Gipping  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	647	2	615040 254200
10	<p><b>Discharge Consents</b></p> <p>Operator: Michael Albert Jupp  Property Type: Domestic Property (Single)  Location: Granville Court No.2 Lower Rd, Hemingstone, Suffolk, Ip6 9qt  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf10348  Permit Version: 1  Effective Date: 19th February 1996  Issued Date: 19th February 1996  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Gipping  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	653	2	615030 254200
10	<p><b>Discharge Consents</b></p> <p>Operator: Mr J C &amp; Mrs V F Dearing  Property Type: Domestic Property (Single)  Location: Granville Court No.3 Lower Rd, Hemingstone, Suffolk, Ip6 9qt  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf10349  Permit Version: 1  Effective Date: 19th February 1996  Issued Date: 19th February 1996  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Gipping  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	653	2	615030 254200
11	<p><b>Discharge Consents</b></p> <p>Operator: Mr And Mrs Hague  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Field End, Hemingstone, Ipswich, Suffolk, Ip6 9rr  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Prenf20760  Permit Version: 1  Effective Date: 11th September 2007  Issued Date: 11th September 2007  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of The River Gipping  <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</p>	A19SW (NE)	722	2	616100 254139

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<p><b>Discharge Consents</b></p> <p>Operator: Derek Bernard Calver  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: 26-27 Lower Rd Hemingstone, Ipswich, Suffolk. Ip6 9rt, Ip6 9rt  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf10463  Permit Version: 1  Effective Date: 30th May 1996  Issued Date: 30th May 1996  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Coddenham Watercourse  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	746	2	614900 254200
13	<p><b>Discharge Consents</b></p> <p>Operator: Anthony Robert Turburville  Property Type: Domestic Property (Single)  Location: Woodview Main Road, Hemingstone, Ipswich, Suffolk, Ip6 9rn  Authority: Environment Agency, Anglian Region  Catchment Area: River Fynn / River Lark (Burgh)  Reference: Prenf02819  Permit Version: 2  Effective Date: 20th January 1992  Issued Date: 20th January 1992  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Gipping  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A8SW (S)	805	2	615370 252870
13	<p><b>Discharge Consents</b></p> <p>Operator: Neil Columbus &amp; Fritz Watson  Property Type: Domestic Property (Single)  Location: Woodview Main Road, Hemingstone, Ipswich, Suffolk, Ip6 9rn  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Prenf02819  Permit Version: 1  Effective Date: 30th May 1990  Issued Date: 30th May 1990  Revocation Date: 19th January 1992  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Gipping  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	805	2	615370 252870
14	<p><b>Discharge Consents</b></p> <p>Operator: Mr T P Jacobs  Property Type: Domestic Property (Single)  Location: Hill House Ipswich Road, Gosbeck, Ipswich, Suffolk, Ip6 9ru  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Npswqd000968  Permit Version: 1  Effective Date: 17th March 2008  Issued Date: 17th March 2008  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Un-Named Trib Of R. Gipping  <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</p>	A18NW (N)	820	2	615429 254528



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<p><b>Discharge Consents</b></p> <p>Operator: Mr A Brown  Property Type: Domestic Property (Single)  Location: Brookside Rectory Road, Hemingstone, Ipswich, Suffolk, Ip6 9rb  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Prenf16409  Permit Version: 1  Effective Date: 11th May 2004  Issued Date: 11th May 2004  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: A Trib Of The River Gipping  <b>Status:</b> <b>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</p>	A17SW (NW)	910	2	614648 254118
16	<p><b>Discharge Consents</b></p> <p>Operator: Mid Suffolk District Council  Property Type: Domestic Property (Single)  Location: 2 Bridge Cottages, Hemingstone, Ipswich, Suffolk, Ip6 9ra  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Npswqd010423  Permit Version: 1  Effective Date: 23rd February 2010  Issued Date: 23rd February 2010  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of River Gipping  <b>Status:</b> <b>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</p>	A17SW (NW)	945	2	614633 254164
16	<p><b>Discharge Consents</b></p> <p>Operator: Mr Tim Turner And Mrs Andrea Turner  Property Type: Domestic Property (Single)  Location: 1 Bridge Cottages Rectory Road, Hemingstone, Ipswich, Suffolk, Ip6 9ra  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Npswqd010422  Permit Version: 1  Effective Date: 15th February 2010  Issued Date: 15th February 2010  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of River Gipping  <b>Status:</b> <b>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</p>	A17SW (NW)	965	2	614620 254182
16	<p><b>Discharge Consents</b></p> <p>Operator: Mr &amp; Mrs Cosbie  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Brook Cottage, Hemingstone, Ipswich, Ip6 9rb  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Pr4lf78339  Permit Version: 1  Effective Date: 9th February 1979  Issued Date: 9th February 1979  Revocation Date: 9th September 1998  Discharge Type: Unknown  Discharge: Onto Land  Environment:  Receiving Water: Land  <b>Status:</b> <b>Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	991	2	614600 254200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p><b>Discharge Consents</b></p> <p>Operator: Mr Jeremy Stone  Property Type: Domestic Property (Single)  Location: Tumbledown Barn, Rectory Road, Hemingstone, Suffolk, Ip6 9rb  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Prenf15384  Permit Version: 1  Effective Date: 9th October 2002  Issued Date: 13th November 2002  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of River Gipping  <b>Status:</b> <b>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 100m</p>	A17SW (NW)	946	2	614600 254100
18	<p><b>Discharge Consents</b></p> <p>Operator: P R &amp; S M Odell  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Bridge Cottage Main Road, Hemingstone, Ipswich, Suffolk, Ip6 9ra  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf03363  Permit Version: 2  Effective Date: 16th January 1992  Issued Date: 16th January 1992  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Fynn  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A8SW (S)	983	2	615390 252690
18	<p><b>Discharge Consents</b></p> <p>Operator: Mr Gerry Tyson  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Bridge Cottage Main Road, Hemingstone, Ipswich, Suffolk, Ip6 9ra  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Prenf03363  Permit Version: 1  Effective Date: 22nd August 1990  Issued Date: 22nd August 1990  Revocation Date: 15th January 1992  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Not Supplied  Environment:  Receiving Water: Not Supplied  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	983	2	615390 252690
	<p><b>Nearest Surface Water Feature</b></p>	A13SE (SE)	58	-	615561 253651
19	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Domestic/Residential  Location: Ipswich District, HEMINGSTONE  Authority: Environment Agency, Anglian Region  Pollutant: Sewage - Septic Tank Effluent  Note: Tributary Of River Gipping  Incident Date: 28th May 1999  Incident Reference: 3418  Catchment Area: Not Given  Receiving Water: Freshwater Stream/River  Cause of Incident: Poor Operational Practice  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A13NW (W)	241	2	615205 253695

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other Farming Location: Ipswich District Authority: Environment Agency, Anglian Region Pollutant: Sewage - Septic Tank Effluent Note: Coddendam Water Course Tributary River Gipping Incident Date: 29th September 1997 Incident Reference: 2988 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Inadequate Construction Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13NW (W)	246	2	615200 253695
20	<b>Pollution Incidents to Controlled Waters</b> Property Type: Domestic/Residential Location: Ipswich District Authority: Environment Agency, Anglian Region Pollutant: Oils - Kerosene Fuel Oil Note: Gipping; Coddendam W/C Incident Date: 3rd March 1995 Incident Reference: 2275 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Leaking Tank Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	445	2	615001 253701
21	<b>Water Abstractions</b> Operator: F W Fox & Son Licence Number: 7/35/08/*G/0024 Permit Version: 100 Location: Well At Primrose Hill Fm,Hem. Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (E)	58	2	615580 253720
22	<b>Water Abstractions</b> Operator: Hemingstone Fruit Farms Licence Number: 7/35/08/*G/0070 Permit Version: 101 Location: Bore At Charity Fm,Hemingstone Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st August 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	317	2	615240 253430
22	<b>Water Abstractions</b> Operator: D I Neuteboom Licence Number: 7/35/08/*G/0070 Permit Version: 100 Location: Bore At Charity Fm,Hemingstone Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st February 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	317	2	615240 253430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	<p><b>Water Abstractions</b></p> <p>Operator: M R Grinsted  Licence Number: 7/35/08/*G/0111  Permit Version: 102  Location: Bore At Charity Farm, Hemingstone  Authority: Environment Agency, Anglian Region  Abstraction: General Agriculture: Spray Irrigation - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Old Hall Fm Hemingstone Suffolk  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 14th October 2002  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	359	2	615170 253440
23	<p><b>Water Abstractions</b></p> <p>Operator: Hemingstone Fruit Farms  Licence Number: 7/35/08/*G/0111  Permit Version: 101  Location: Bore At Old Hall Fm,Hemingst'E  Authority: Environment Agency, Anglian Region  Abstraction: General Agriculture: Spray Irrigation - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Old Hall Fm Hemingstone Suffolk  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st August 2000  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	359	2	615170 253440
23	<p><b>Water Abstractions</b></p> <p>Operator: D I Neuteboom  Licence Number: 7/35/08/*G/0111  Permit Version: 100  Location: Bore At Old Hall Fm,Hemingst'E  Authority: Environment Agency, Anglian Region  Abstraction: General Agriculture: Spray Irrigation - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: E chalk; Status: Perpetuity  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st February 1995  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	359	2	615170 253440
23	<p><b>Water Abstractions</b></p> <p>Operator: D I Neuteboom  Licence Number: 7/35/08/*g/071  Permit Version: Not Supplied  Location: Bore, Old Hall Farm, HEMINGSTONE  Authority: Environment Agency, Anglian Region  Abstraction: Spray Irrigation  Abstraction Type: Not Supplied  Source: Well And Borehole  Daily Rate (m3): 21  Yearly Rate (m3): 245000  Details: E chalk; Status: Revoked  Authorised Start: Not Supplied  Authorised End: Not Supplied  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	363	2	615170 253435



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	<p><b>Water Abstractions</b></p> <p>Operator: B &amp; J Legg  Licence Number: 7/35/08/*G/0063  Permit Version: 100  Location: Bore At Stonewall Fm,Hemings'E  Authority: Environment Agency, Anglian Region  Abstraction: General Farming And Domestic  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: E chalk; Status: Perpetuity  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st February 1966  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A18SW (NW)	654	2	615180 254300
	<p><b>Water Abstractions</b></p> <p>Operator: Ms J H Green  Licence Number: 7/35/08/*G/0060  Permit Version: 100  Location: Bore At Leedes Fm,Hemingstone  Authority: Environment Agency, Anglian Region  Abstraction: General Farming And Domestic  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: E chalk; Status: Perpetuity  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st February 1966  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A6NE (SW)	1208	2	614370 253120
	<p><b>Water Abstractions</b></p> <p>Operator: William Shipp &amp; Son  Licence Number: 7/35/08/*G/0009  Permit Version: 100  Location: Bore At Bulls Fm,Hemingstone  Authority: Environment Agency, Anglian Region  Abstraction: General Farming And Domestic  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: E chalk; Status: Perpetuity  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st January 1966  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A6SE (SW)	1245	2	614410 252980
	<p><b>Water Abstractions</b></p> <p>Operator: Mr W Wink  Licence Number: 7/35/08/*g/117  Permit Version: Not Supplied  Location: Bore , Hemingstone Hall Farm  Authority: Environment Agency, Anglian Region  Abstraction: Agriculture (General)  Abstraction Type: Not Supplied  Source: Well And Borehole  Daily Rate (m3): 2  Yearly Rate (m3): 4550  Details: E chalk; Status: Revoked  Authorised Start: Not Supplied  Authorised End: Not Supplied  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A11NW (W)	1320	2	614130 253780

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: D W Bowyer Licence Number: 7/35/08/*G/0059 Permit Version: 100 Location: Bore At Chestnut Fm,Barham Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1974	2	614880 251780
	<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: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13NW (W)	0	3	615483 253691
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> Classification: Significant Risk - Low Possibility	A13NW (W)	0	3	615483 253691
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Principal Aquifer	A13NW (W)	0	3	615483 253691
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (W)	0	3	615483 253691
25	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13NW (W)	0	2	615483 253691
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				
	<b>Flooding from Rivers or Sea without Defences</b> None				
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 22.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13SW (SW)	292	4	615260 253446

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: 865.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18SE (N)	346	4	615555 254051
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 261.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18SE (NE)	387	4	615678 254058
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 123.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18SE (NE)	388	4	615677 254060
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18SE (NE)	484	4	615778 254116
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 47.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18SE (NE)	495	4	615783 254126
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 101.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A19SW (NE)	534	4	615931 254049
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 616.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18SE (NE)	541	4	615796 254171
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 30.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Deben Primacy: 1	A8NW (SW)	558	4	615211 253165
35	<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: Gipping Primacy: 1	A7NE (SW)	581	4	614990 253311



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 127.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Deben Primacy: 1	A8NW (S)	602	4	615328 253081
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A19SW (NE)	610	4	616031 254042
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 203.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A19SW (NE)	618	4	616039 254043
39	<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: Gipping Primacy: 1	A12SE (SW)	682	4	614828 253382
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 159.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SE (SW)	686	4	614822 253385
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 554.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A17SE (NW)	716	4	614940 254201
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A17SE (NW)	716	4	614942 254202
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 267.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A19SW (NE)	759	4	616100 254198
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A19SE (NE)	798	4	616242 254052

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 159.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A19SE (NE)	798	4	616242 254052
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 31.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A19SE (NE)	799	4	616243 254053
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 449.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7SE (SW)	806	4	614979 253015
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NW (SW)	831	4	614708 253288
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 134.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NW (SW)	833	4	614704 253291
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 100.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 2	A14NE (E)	943	4	616417 254008
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 188.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NW (SW)	943	4	614678 253122
52	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A19SE (NE)	953	4	616396 254089
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 162.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A19SE (NE)	958	4	616401 254091

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 373.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7SW (SW)	973	4	614791 252951
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 46.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SW (W)	979	4	614476 253539
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 125.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Deben Primacy: 1	A9SE (SE)	982	4	616231 253014



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: Suffolk County Council - Has supplied landfill data		0	5	615483 253691
	<b>Local Authority Landfill Coverage</b> Name: Mid Suffolk District Council - Has supplied landfill data		0	6	615483 253691
57	<b>Registered Landfill Sites</b> Licence Holder: ? Licence Reference: 907/01/13/05 Site Location: Hemingstone Landfill, Hemingstone, Claydon, Ipswich, Suffolk Licence Easting: 615001 Licence Northing: 253001 Operator Location: As Site Address Authority: Environment Agency - Anglian Region, Eastern Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: Not Supplied Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Accuracy: Not Applicable Authorised Waste: Old Licence - Wastes Not To Hand	A7NE (SW)	554	2	615144 253206

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: White Chalk Subgroup	A13NW (W)	0	1	615483 253691
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Natural Cavities</b> Easting: 615415 Northing: 253951 Distance: 246 Quadrant Reference: A13 Quadrant Reference: NW Bearing Ref: N Cavity Type: Swallow Hole x 10 Solid Geology Detail: Chalk Group Superficial Geology Detail: Glacial sand, Glacial Till and morainic drift	A13NW (N)	246	7	615415 253951
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	615483 253691
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	615483 253691
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	615483 253691
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	615483 253691
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	124	1	615581 253816
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	615483 253691
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	615483 253691
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	615483 253691
	<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	A13NW (W)	0	1	615483 253691
	<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	A13NW (W)	0	1	615483 253691

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: S &amp; E Brazier &amp; Sons            Location: Willowgate House, Main Road, Hemingstone, Ipswich, IP6 9RJ            Classification: Cash Registers &amp; Check-Out Equipment  <b>Status:</b> Inactive            Positional Accuracy: Automatically positioned to the address</p>	A13NW (W)	281	-	615166 253694
59	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Soap National            Location: UNIT 1, HILLCREST FARM, MAIN ROAD, HEMINGSTONE, IP6 9RJ            Classification: Cleaning Materials &amp; Equipment  <b>Status:</b> Active            Positional Accuracy: Automatically positioned to the address</p>	A13NW (W)	308	-	615169 253808
60	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Stonham Hedgerow Ltd            Location: Hemingstone Farm, Main Road, Hemingstone, IPSWICH, IP6 9RJ            Classification: Ultrasonic Equipment Manufacturers  <b>Status:</b> Inactive            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	318	-	615235 253434
61	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Holden Trailers            Location: Stonewall Farm, Lower Road, Hemingstone, Ipswich, IP6 9RT            Classification: Horse Boxes &amp; Transporting  <b>Status:</b> Inactive            Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	615	-	615167 254249
61	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Maric Implement Co            Location: Stonewall Farm, Lower Road, Hemingstone, Ipswich, IP6 9RT            Classification: Agricultural Machinery - Sales &amp; Service  <b>Status:</b> Inactive            Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	615	-	615167 254249



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	<b>Nitrate Vulnerable Zones</b> Name: Sandlings And Chelmsford Description: Groundwater Source: Environment Agency, Head Office	A13NW (W)	0	3	615483 253691
63	<b>Nitrate Vulnerable Zones</b> Name: River Gipping Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NW (W)	0	3	615483 253691
64	<b>Nitrate Vulnerable Zones</b> Name: Lark/Fynn Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SW (S)	226	3	615480 253447

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Mid Suffolk District Council - Environmental Health Department Environment Agency - Head Office East Suffolk Council Suffolk Coastal District Council (now part of East Suffolk Council) - Environmental Health Department Ipswich Borough Council - Environmental Health Department	January 2020 June 2020 March 2015 October 2017 September 2017	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Anglian Region	January 2023	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	January 2023	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Suffolk Coastal District Council (now part of East Suffolk Council) - Environmental Health Department Mid Suffolk District Council - Environmental Health Department East Suffolk Council Ipswich Borough Council - Environmental Health Department	April 2014 June 2014 May 2014 October 2014	Variable Variable Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> Suffolk Coastal District Council (now part of East Suffolk Council) - Environmental Health Department Mid Suffolk District Council - Environmental Health Department East Suffolk Council Ipswich Borough Council - Environmental Health Department	April 2014 June 2014 May 2014 October 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> Suffolk Coastal District Council (now part of East Suffolk Council) - Environmental Health Department Mid Suffolk District Council - Environmental Health Department East Suffolk Council Ipswich Borough Council - Environmental Health Department	April 2014 June 2014 May 2014 October 2014	Variable Variable Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	January 2023	
<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	As notified
<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	
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	April 2012	
<b>Substantiated Pollution Incident Register</b> Environment Agency - Anglian Region - Eastern Area	January 2023	Quarterly
<b>Water Abstractions</b> Environment Agency - Anglian Region	January 2023	Quarterly

Agency & Hydrological	Version	Update Cycle
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region	October 2017	
<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
<b>Source Protection Zones</b> Environment Agency - Head Office	September 2022	Bi-Annually
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	February 2023	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	February 2023	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	February 2023	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	February 2023	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	August 2022	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	January 2023	Quarterly
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	As notified





Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	As notified
<b>Historical Landfill Sites</b> Environment Agency - Head Office	March 2023	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 - Eastern Area	January 2023	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Eastern Area	January 2023	Quarterly
<b>Local Authority Landfill Coverage</b> East Suffolk Council Ipswich Borough Council - Environmental Health Department Mid Suffolk District Council - Environmental Health Department Suffolk Coastal District Council (now part of East Suffolk Council) - Environmental Health Department Suffolk County Council	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> East Suffolk Council Ipswich Borough Council - Environmental Health Department Mid Suffolk District Council - Environmental Health Department Suffolk Coastal District Council (now part of East Suffolk Council) - Environmental Health Department Suffolk County Council	October 2018 October 2018 October 2018 October 2018 October 2018	
<b>Registered Landfill Sites</b> Environment Agency - Anglian Region - Eastern Area	March 2006	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Anglian Region - Eastern Area	April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Anglian Region - Eastern Area	June 2015	
Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	March 2023	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> Suffolk County Council - Environment and Transport East Suffolk Council Ipswich Borough Council Mid Suffolk District Council - Planning Department Suffolk Coastal District Council (now part of East Suffolk Council)	February 2006 February 2016 February 2016 February 2016 February 2016	Annual Rolling Update Variable Variable Variable Variable
<b>Planning Hazardous Substance Consents</b> Suffolk County Council - Environment and Transport East Suffolk Council Ipswich Borough Council Mid Suffolk District Council - Planning Department Suffolk Coastal District Council (now part of East Suffolk Council)	February 2006 February 2016 February 2016 February 2016 February 2016	Annual Rolling Update Variable Variable Variable Variable

<b>Geological</b>	<b>Version</b>	<b>Update Cycle</b>
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	As notified
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	November 2022	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	February 2023	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	As notified
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	September 2022	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	September 2022	Annually
<b>Industrial Land Use</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Contemporary Trade Directory Entries</b> Thomson Directories	January 2023	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	February 2023	Quarterly
<b>Gas Pipelines</b> National Grid	October 2021	Bi-Annually
<b>Underground Electrical Cables</b> National Grid	February 2023	Bi-Annually

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	February 2021	Bi-Annually
<b>Areas of Adopted Green Belt</b> East Suffolk Council Ipswich Borough Council Mid Suffolk District Council - Planning Department Suffolk Coastal District Council (now part of East Suffolk Council)	July 2022 July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly Quarterly
<b>Areas of Unadopted Green Belt</b> East Suffolk Council Ipswich Borough Council Mid Suffolk District Council - Planning Department Suffolk Coastal District Council (now part of East Suffolk Council)	July 2022 July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	August 2022	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	February 2023	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 March 2023	Bi-Annually
<b>Ramsar Sites</b> Natural England	March 2023	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> NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 <b>Centre for Ecology &amp; Hydrology</b> NATURAL ENVIRONMENT RESEARCH COUNCIL
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>Suffolk County Council</b> St Edmund House, County Hall, Ipswich, Suffolk, IP4 1LZ	Telephone: 01473 583000 Fax: 01473 230240 Website: www.suffolkcc.gov.uk
6	<b>Mid Suffolk District Council - Environmental Health Department</b> Council Offices, 131 High Street, Needham Market, Ipswich, Suffolk, IP6 8DL	Telephone: 01473 826622 Email: customer.services@baberghmidsuffolk.gov.uk Website: www.midsuffolk.gov.uk
7	<b>Stantec UK Ltd</b> Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
8	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> 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.