

**BARN AT  
WHELP STREET**

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

**October 2023**

**Report No. P0385/R01 Issue 1**

**Prepared for:**

**Mr R Elsdon**



**Prepared by:**

*Sue Slaven*

**DOCUMENT INFORMATION AND CONTROL SHEET**

Report No.	Title	
<b>P0385/R01</b>	<b>Barn at Whelp Street Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment</b>	
Prepared for:	Mr R Elsdon c/o Phil Cobbold Planning Limited 42 Beatrice Avenue Felixstowe Suffolk IP11 9HB	Contact: Phil Cobbold Telephone: 0139 275431 E-mail: <a href="mailto:info@philcobboldplanning.co.uk">info@philcobboldplanning.co.uk</a>
Prepared by:	Sue Slaven 33 Windmill Close Great Cornard Suffolk CO10 0FL	Tel: 07403 606234 E-mail: sue.slaven@btinternet.com

**Issue History**

Issue	Status	Date	Report Author	Signature
<b>1</b>	Final	23 October 2023	Sue Slaven MIEnvSc CEnv SiLC 	

**DISCLAIMER**

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>	Mr R Elsdon
<b>The Site</b>	Barn at Whelp Street
<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 formed the north-western corner of a larger field. By 1958, a barn in the shape of a Nissen hut occupied the site and was in agricultural use. The site is currently vacant with the barn becoming overgrown with vegetation.
<b>Development Proposals</b>	The site is to be redeveloped to a residential use to consist of the conversion of the existing barn.
<b>Geo-environmental Setting</b>	<p><b>Topography:</b> The site was generally level, although the northern boundary sloped down towards the north. The surrounding area generally sloped down towards the north.</p> <p><b>Geology:</b> The superficial deposits underlying the site comprise Head deposits (clay, silt, sand and gravel) and the bedrock geology is Crag Group (sand).</p> <p><b>Hydrogeology:</b> The superficial deposits are classified as a Secondary aquifer and the Crag Group 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 High House Farm, 600m to the north-east, for general agricultural use.</p> <p><b>Hydrology:</b> The nearest surface watercourse is a stream 5m to the north of the site, on the opposite side of the road.</p>
<b>Phase 1 Preliminary Risk Assessment</b>	Based on the history, walkover survey and a review of previous site investigation reports for 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>	<p>No intrusive investigation is considered necessary at this time.</p> <p>A watching brief for other visual and olfactory signs of contamination should be kept during groundworks. If identified, work should stop and a risk assessment be carried out.</p> <p>It is possible that asbestos containing materials are present on-site. Thus, a survey may be required by specialist asbestos contractors and any recommendations given should be followed.</p>
<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>	

**Barn at Whelp Street  
Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment**

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**Appendix B**      **Environmental Risk Assessment Methodology and Terminology**  
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**Appendix E**      **Envirocheck Report**

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**Barn at Whelp Street**  
**Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment**

**1. INTRODUCTION**

**1.1 Background Information**

1.1.1 Sue Slaven was commissioned by Mr R Elsdon to carry out a preliminary investigation (also recognised as a Phase 1 Geo-environmental Desk Study) for the site known as the Barn at Whelp Street (“the site”). 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 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 Babergh 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 contaminant linkage, 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 potential contaminant linkages 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 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 potential contaminant linkages.
- Provide recommendations for a Phase 2 Ground Investigation, if required, based on the

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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. July 2023.
- 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 within this report that these could be present on-site 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.

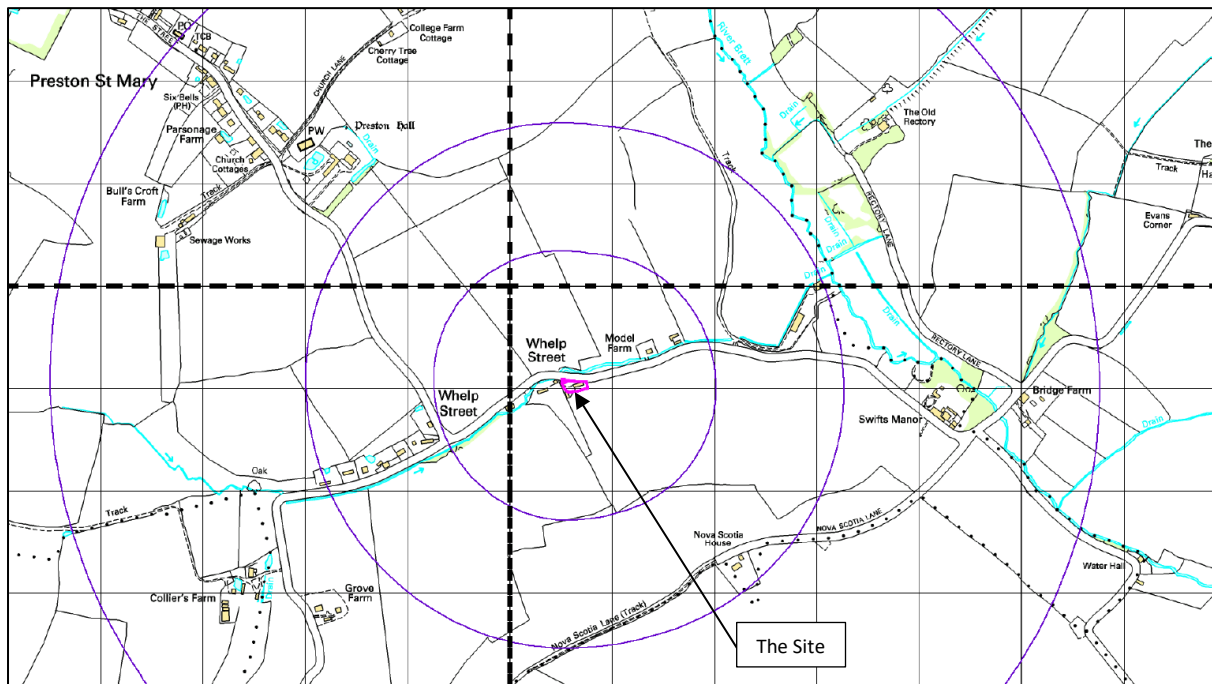
## 1.4 Development Proposals

1.4.1 It is proposed to redevelop the site to a residential use consisting of the conversion of the existing barn. It is assumed that a private garden is also proposed.

## 2. SITE LOCATION AND DESCRIPTION

### 2.1 Site Location

2.1.1 The site location is indicated on Figure 1 and a brief description of the site is presented in Table 1.



**Figure 1** Site Location (not to scale)

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

<b>Site Address</b>	Barn at Whelp Street, Preston St Mary, CO10 9NJ
<b>Location</b>	The site is located to the east of the hamlet of Whelp Street, which is situated approximately 700m to the south-east of Preston St Mary and 2.1km to the north-east of Brent Eleigh. The surrounding area is predominantly in agricultural use.
<b>Grid Reference</b>	595130, 249810
<b>Site Area</b>	0.09ha
<b>Topography</b>	The site is generally level, although the northern boundary slopes down to the north. The surrounding area generally sloped down towards the north.



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## **2.2 Site Description**

- 2.2.1 A site visit was undertaken on 18 October 2023 by Sue Slaven. Vehicular access to the site was obtained from the road to the north and up an access track that was covered in vegetation at the time. The access track led from the north-western corner of the site up to an area of concrete hardstanding that was becoming covered with brambles.
- 2.2.2 The concrete hardstanding was roughly square in shape with the barn to the east and another building to the south-west, off-site. The barn was situated in the eastern sector of the site and was a Nissen-style barn with a lower wall of concrete blocks and a domed structure of possibly asbestos containing material. The barn was 19m long and 5m wide with wooden double doors on the western side and possibly also on the eastern side, although this was covered in ivy at the time. There did not appear to be any windows. The barn was heavily clad with ivy with mature trees immediately abutting. The flooring inside the barn was of concrete hardstanding.
- 2.2.3 To the north of the barn was a small area of woodland with a 2.5m slope down to the road immediately north. There was a water tank immediately to the north-west of the barn with a tap on the barn's western wall. The areas to the north-west and south of the barn were covered in overgrown vegetation.
- 2.2.4 Another building located immediately to the south-west of the site was also accessed via the track to the north with the concrete hardstanding immediately adjacent. It was a single storey building of metal corrugated sheeting for walls and roof. There were steps leading to the door on its eastern side.
- 2.2.5 The site's boundaries were defined by the road immediately to the north, the residential property immediately to the east and the field's edge to the south and east. The site was situated in an agricultural area. There were no visual or olfactory signs of contamination either on-site or in the surrounding area. A selection of photographs is included within Appendix C.

## **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.

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## **3.2 Historical Maps**

### ***1885 (1:2500)***

- 3.2.1 The site formed the north-western corner of a larger field. A road was immediately to the north and a small building immediately to the west. There were additional small buildings further to the west, together with a residential property. A stream was located to the north, on the opposite side of the road. The area was in agricultural use.

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

- 3.2.2 The site remained unchanged. Several small buildings to the west had been demolished and replaced with tracks.

### ***1958 (1:10,560)***

- 3.2.3 The site had been developed with a long building in the eastern sector and a long building immediately to the south-west. The area to the south had become an orchard. A residential property had been built 160m to the north-east of the site.

### ***1971 (1:2,500) / 1978 (1:10,000) / 1994 (1:2,500) / 2000 (1:10,000)***

- 3.2.4 The site and surrounding area remained unchanged.

## **3.3 Planning and Other Constraints**

- 3.3.1 A review of Babergh District Council's planning website was carried out with regards to planning applications relating to the site and surrounding area, using "CO10 9NJ" as the search term. There were 45 records dating back to May 1985, the majority of which related to extensions / amendments to existing residential buildings. Other planning records related to conversion of agricultural buildings to residential or studios, equestrian usage, and residential development of single properties.

- 3.3.2 In December 2022, an application was submitted for the conversion of the barn on-site to a residential dwelling. This was refused in February 2023 as further information was required on land contamination, highway and natural light.

## **3.4 Previous Investigations**

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

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## 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, 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 – 20 October 2023 (<https://www.bgs.ac.uk/map-viewers/bgs-geology-viewer/>)
- BGS GeoIndex Onshore – 20 October 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 underlie the site are Head deposits, which can consist of poorly sorted and poorly stratified clay, silt, sand and gravel. The bedrock geology is the Crag Formation, which comprises sands, gravels, silts and clays. The sands are characteristically dark green from glauconite, and can weather bright orange with haematite 'iron pans'.

4.2.3 There are two records of boreholes drilled within 350m of the site available for review as follows:

- A borehole was drilled in 1936 at Dingley Dell, 65m to the south of the site. Ground conditions were described as 'Boulder Clay' to a depth of 37.8m, underlain by sand and gravel to 47.2m, and then Chalk to the base of the borehole at a depth of 80.8m. Groundwater was recorded at a depth of 12.5m.
- A borehole was drilled in 1980 at Kettlebaston, 325m to the north-east of the site. Ground conditions were described as Alluvium to a depth of 5m, 'Boulder Clay' to a depth of 26m, sand and gravel to 34m, and then Chalk to the base of the borehole at 100m. Groundwater was recorded at a depth of 1.4m.

4.2.4 The site is situated in an area where some parts may be of elevated radon potential of between 1-3%.

### 4.3 Hydrogeology

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

- Envirocheck Report
- MAGIC Website – 20 October 2023 (<http://www.magic.gov.uk/MagicMap.aspx>)

4.3.2 The superficial deposits are classified as a Secondary aquifer and the Crag Formation as a Principal aquifer. The site is located within a groundwater Source Protection Zone 3 (Total Catchment) and the nearest groundwater abstraction licence is held at High House Farm, 600m to the north-east, for general agricultural 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 watercourse to the site is a stream that flows on the opposite side of the road immediately to the north. However, the site lies within Flood Zone 1, which indicates a low probability of flooding and there are no records of discharge consents within a 250m radius of the site.

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

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

- Envirocheck Report
- MAGIC Website – 20 October 2023 (<http://www.magic.gov.uk/MagicMap.aspx>)

4.5.2 There are no sites of ecological significance (e.g. Ramsar, Special Protection Area, a Site of Special Scientific Interest, Special Area of Conservation) within a radius of 250m of the site. There are no archaeological sites of importance within the vicinity of the site. The residential property of Dingley Dell, immediately to the west of the site, is a Grade 2 listed building.

### **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.

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## 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.

### *Contemporary Trade Directory*

5.4.3 There are no records of trades operating 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.

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

6.2.2 The site was occupied by a barn of a Nissen-style construction with concrete ground cover within and to the west, which is either to remain or be replaced by hardstanding. Thus, no potential significant sources of contamination have been identified.

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

6.2.4 No potential off-site significant sources of contamination associated with past and present uses in the area have been identified as part of the desk study or walkover survey.

## **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***

- Future site occupiers (including groundworkers).
- Groundwater (Secondary aquifer/Principal aquifer).
- Flora and fauna.

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***Off-site***

- Residential property (Grade 2 listed) to the west.
- Road users and stream to the north.
- Farmland to the east and south.

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

**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 barn on-site is to be converted to a residential use. The concrete hardstanding within and to the west are to remain or be replaced with hardstanding. Thus, potential pathways such as long-term soil/dust inhalation/ingestion, dermal contact and ingestion of home grown vegetables or of soil attached to home grown vegetables are possible. However, no significant sources of contamination were identified and thus, the presence of ground contamination is considered to be unlikely.

6.4.4 Contact with any contaminants during demolition and site clearance works is typically a short-term hazard, mainly concerning construction/ground workers. Potential risks are repeated contact with contaminated ground containing substances that are skin irritants and may cause dermatitis. Therefore, with respect to site operatives, it would be prudent to exercise good hygiene practices, e.g. the use of gloves, the avoidance of any eating and smoking on-site, and the provision of washing facilities. In addition, any specific advice given by the Health & Safety Executive should be followed. Assuming good site practices are followed, such incidents should be considered a negligible risk. However, no significant sources of contamination were identified.

#### ***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 underlain by a Principal aquifer. A surface watercourse is located approximately 5m to the north of the site. Thus, controlled waters are considered to be sensitive to the potential presence of ground contamination. However, no significant on-site sources of contamination were identified and thus, controlled waters should remain unaffected.

#### ***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 significant 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, no significant sources of contamination have been identified, thus pathways cannot be established and identified receptors will remain unaffected.



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## **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.

### **7.3 Recommendations for Works during Development**

7.3.1 It is possible that asbestos containing materials are present on-site. Thus, an asbestos survey may be required by specialist asbestos contractors and any recommendations given should be followed.

7.3.2 It is always possible that activities that are not recorded, indicated on historical maps or observed during the walkover survey, have been carried out at the site and/or in the surrounding area. Thus, during groundworks, a watching brief is recommended for visual and/or olfactory signs of contamination, such as asbestos, significant ashy soils, unusual, brightly coloured or significantly oily or odorous material. If suspected contaminated soils are encountered, the following procedures are to be adhered to:

1. All site works at the location of 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 within 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. Where the material is left in situ awaiting results, it will either be reburied or covered with plastic sheeting.
6. 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

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- other impermeable surface) and covered to prevent dust and odour emissions.
  7. The testing suite will be determined by the independent geo-environmental specialist based on visual and olfactory observations.
  8. Test results will be compared against current assessment criteria suitable for the future use of the area of the site affected.
  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.
- 7.3.2 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”.

#### **7.4 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, 2021).

**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 IIA 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, 2021) which requires that a site, after remediation as a minimum, should not be capable of being determined “contaminated land” under Part IIA of the EPA 1990. 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>	SIR: 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 road from which the site is accessed.



Photograph 2: The access track up slope to the site.



Photograph 3: The area of hardstanding at top of the access track and to the west of the barn.



Photograph 4: The barn in the eastern sector of the site.



Photograph 5: The hardstanding in the western sector, leading to the barn.



Photograph 6: Water tank adjacent to the barn and tap into the barn.



Photograph 7: The southern sector of the site.



Photograph 8: The barn's southern side, looking towards the west.





Photograph 9: The northern sector of the site.



Photograph 10: The site's northern boundary forming a steep slope down to the road.



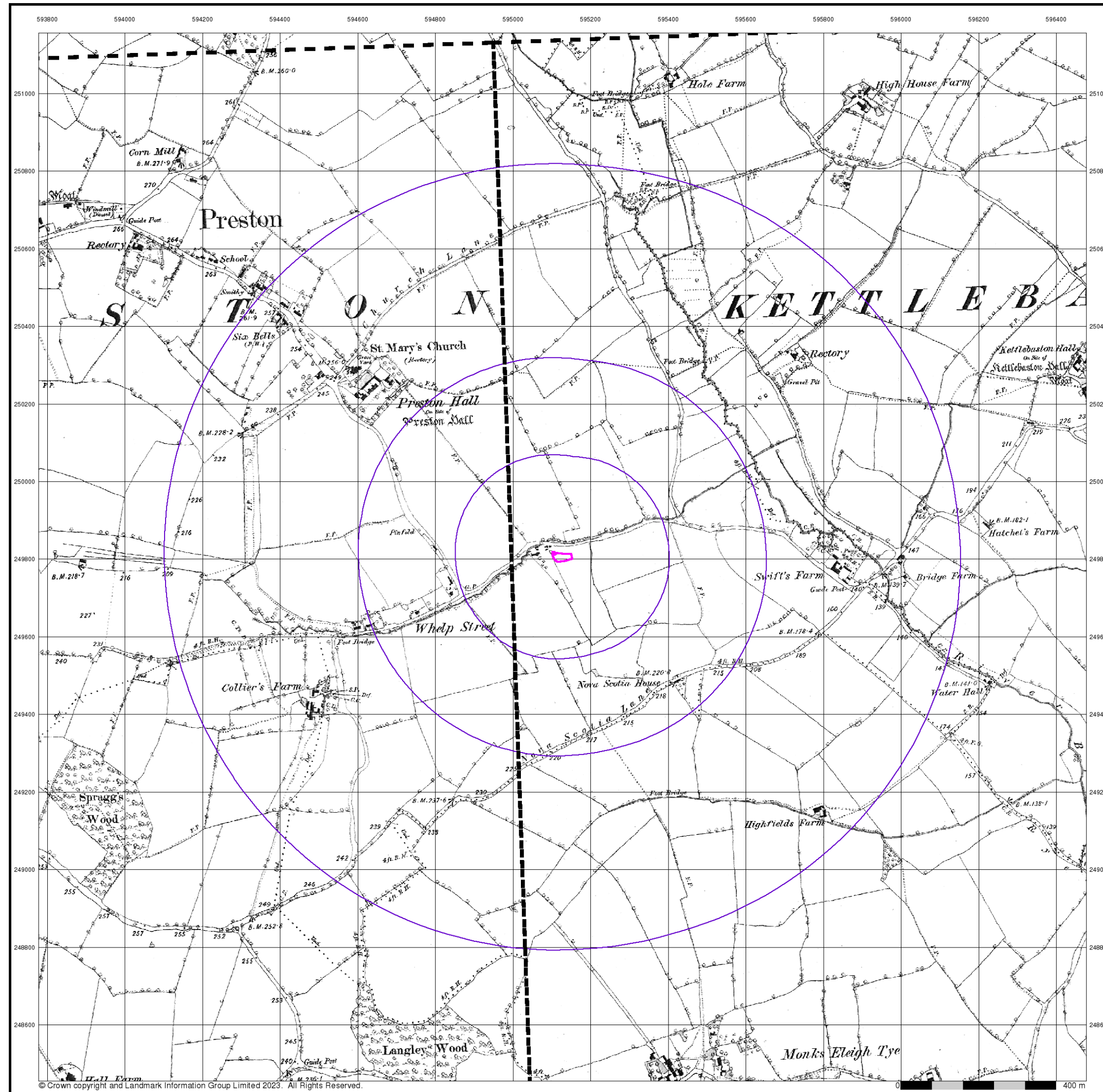
Photograph 11: Outbuilding immediately to the south-west of the site.



Photograph 12: The area to the south of the site.

## Appendix D

### Historical Maps



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**Suffolk**

**Published 1884**

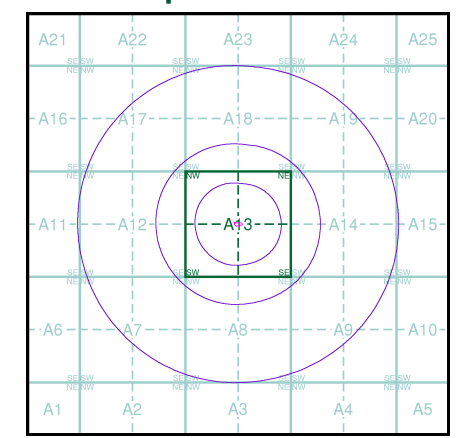
**Source map scale - 1:10,560**

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

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

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064SW 1884 1:10,560	064SE 1884 1:10,560

### Historical Map - Slice A



### Order Details

Order Number: 321463194\_1\_1  
 Customer Ref: P0385  
 National Grid Reference: 595130, 249810  
 Slice: A  
 Site Area (Ha): 0.09  
 Search Buffer (m): 1000

### Site Details

Barn at, Whelp Street, Preston St Mary, SUDBURY, CO10 9NJ

**Landmark**  
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## Suffolk

Published 1885

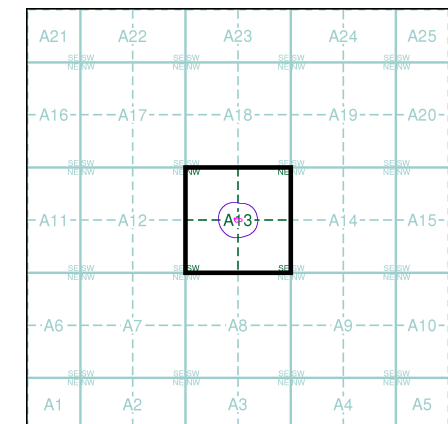
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

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

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064_14 1885 1:2,500	064_15 1885 1:2,500

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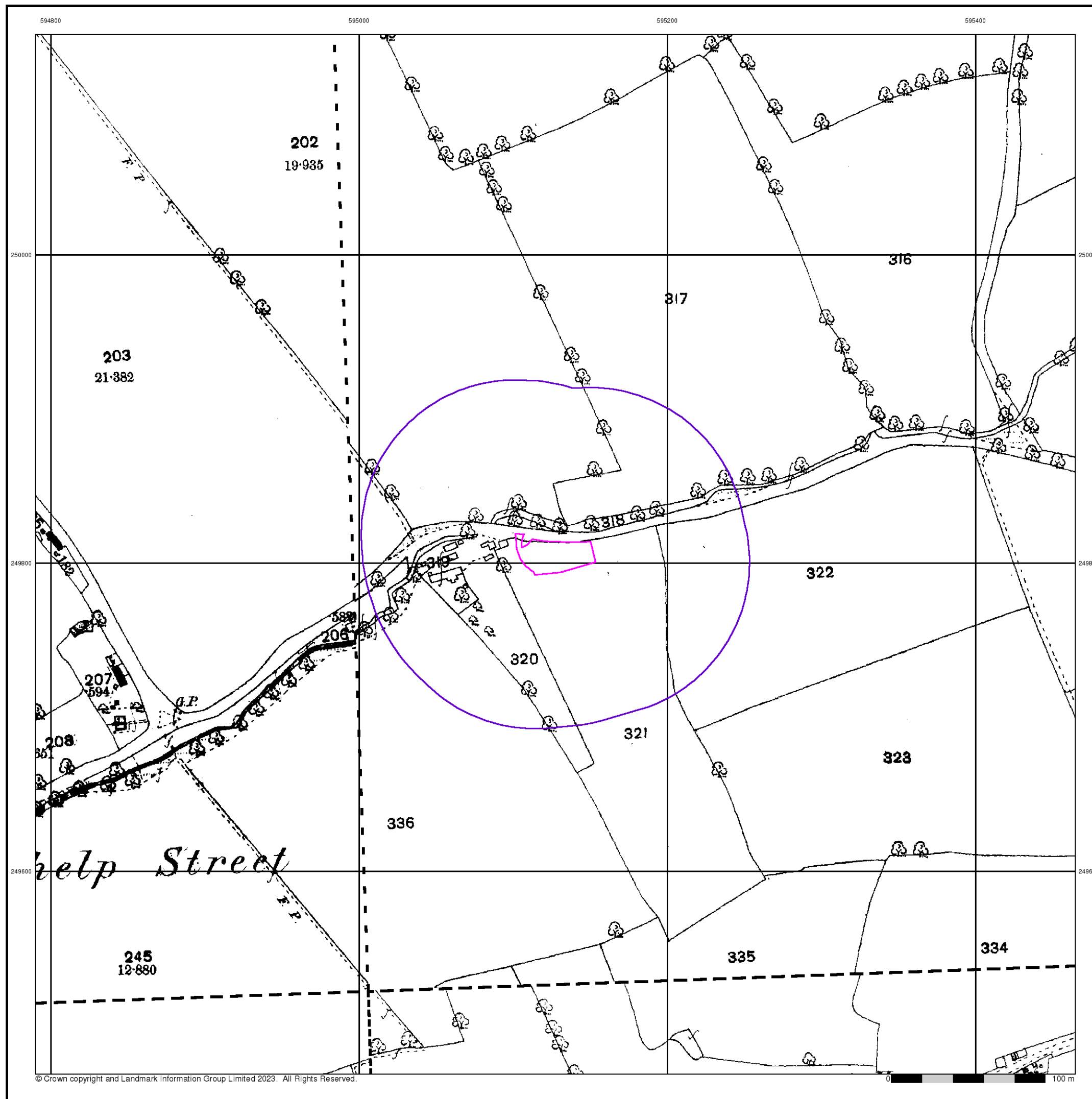


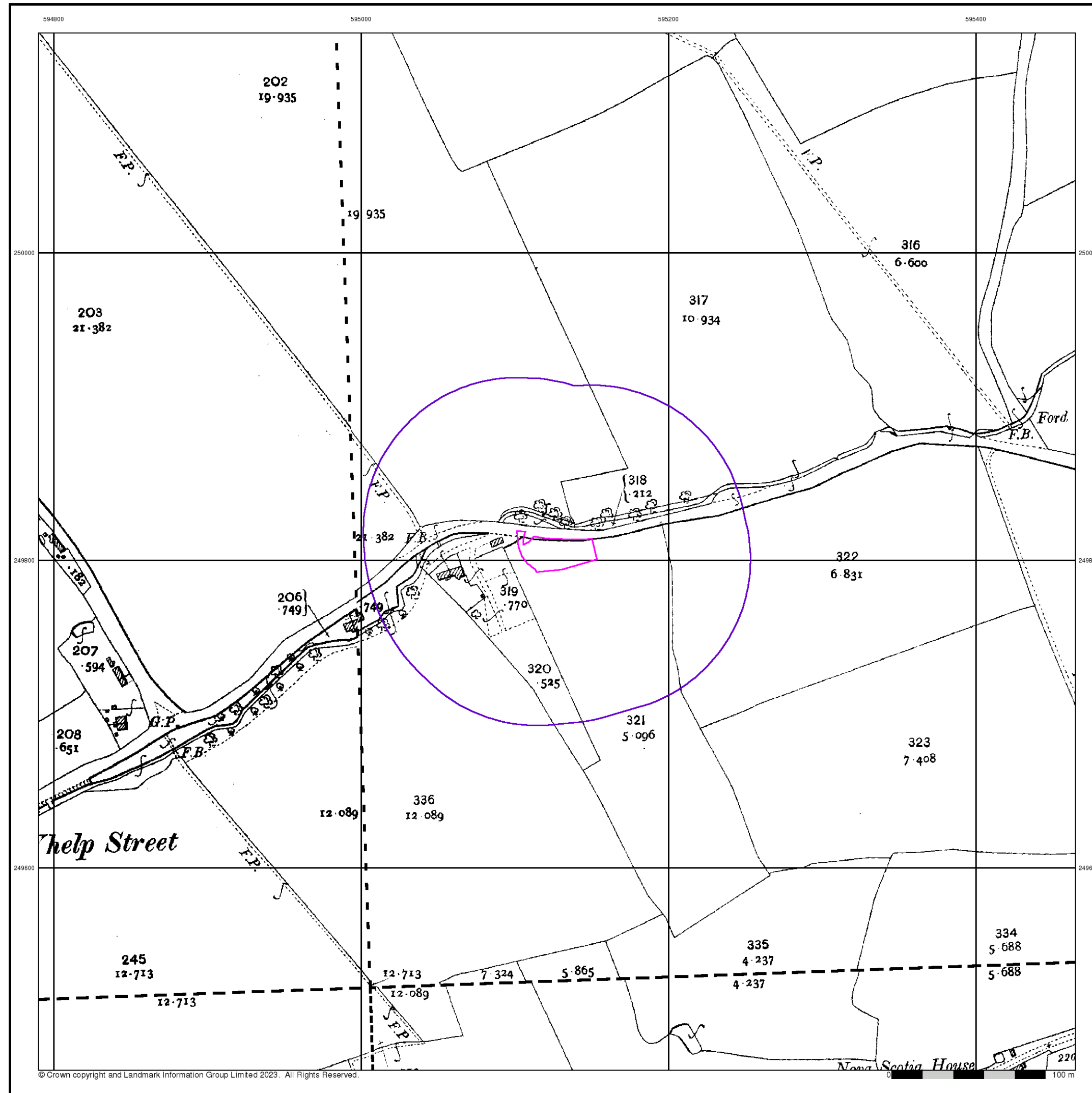
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 Slice: A  
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 Search Buffer (m): 100

### Site Details

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Suffolk

Published 1904

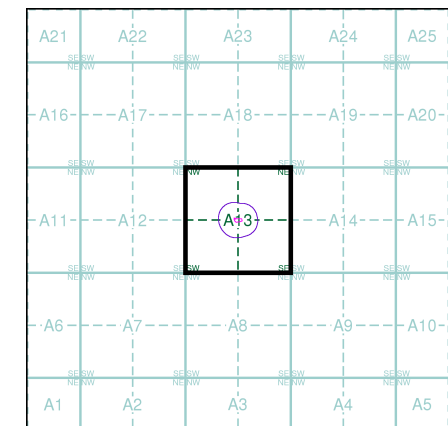
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## Map Name(s) and Date(s)

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064_14 1904 1:2,500	064_15 1904 1:2,500

## Historical Map - Segment A13



## Order Details

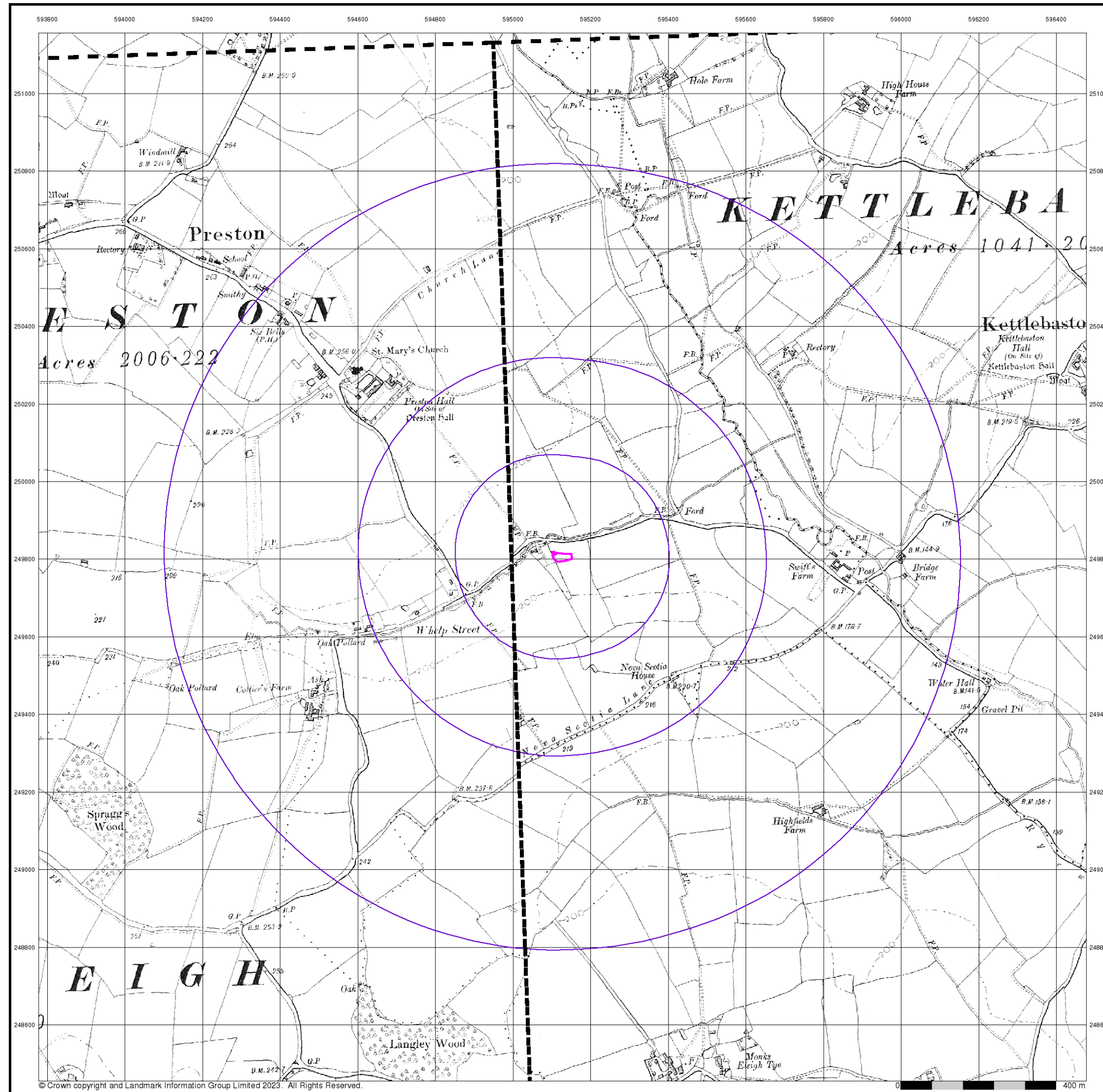
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 Slice: A  
 Site Area (Ha): 0.09  
 Search Buffer (m): 100

## Site Details

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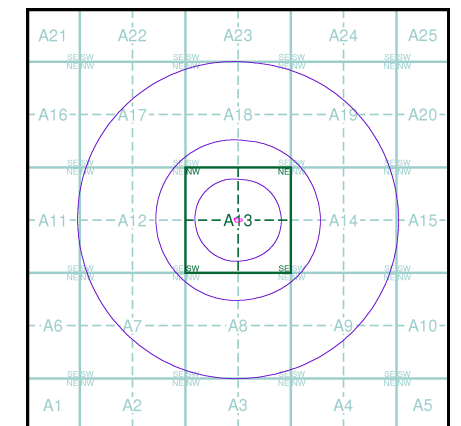


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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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064SW 1905 1:10,560	064SE 1905 1:10,560

### Historical Map - Slice A

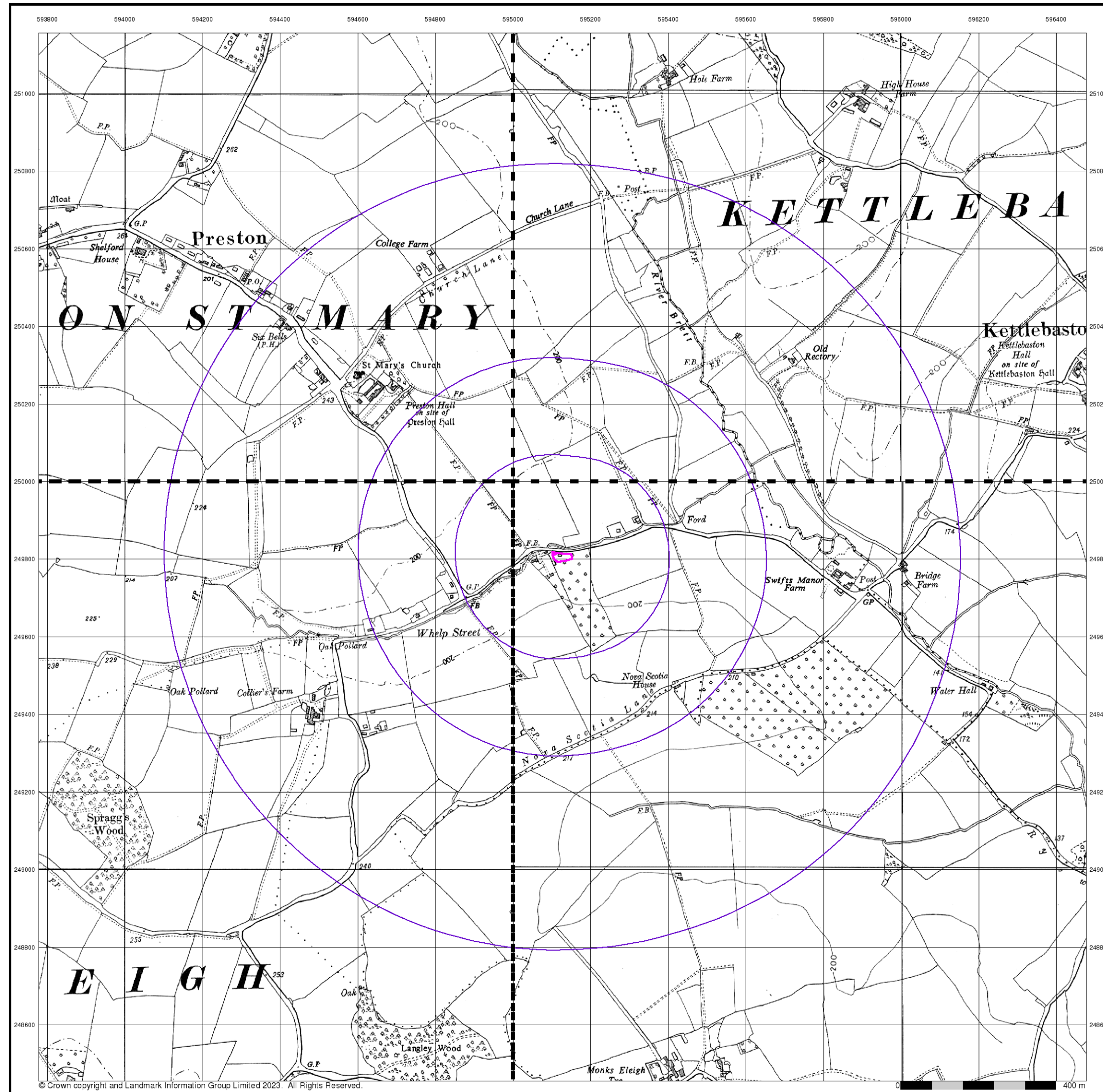


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 Slice: A  
 Site Area (Ha): 0.09  
 Search Buffer (m): 1000

### Site Details

Barn at, Whelp Street, Preston St Mary, SUDBURY, CO10 9NJ



## Ordnance Survey Plan

Published 1958

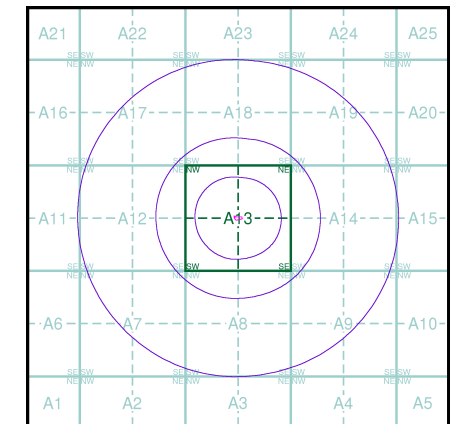
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1:10,560	1:10,560
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1:10,560	1:10,560

### Historical Map - Slice A



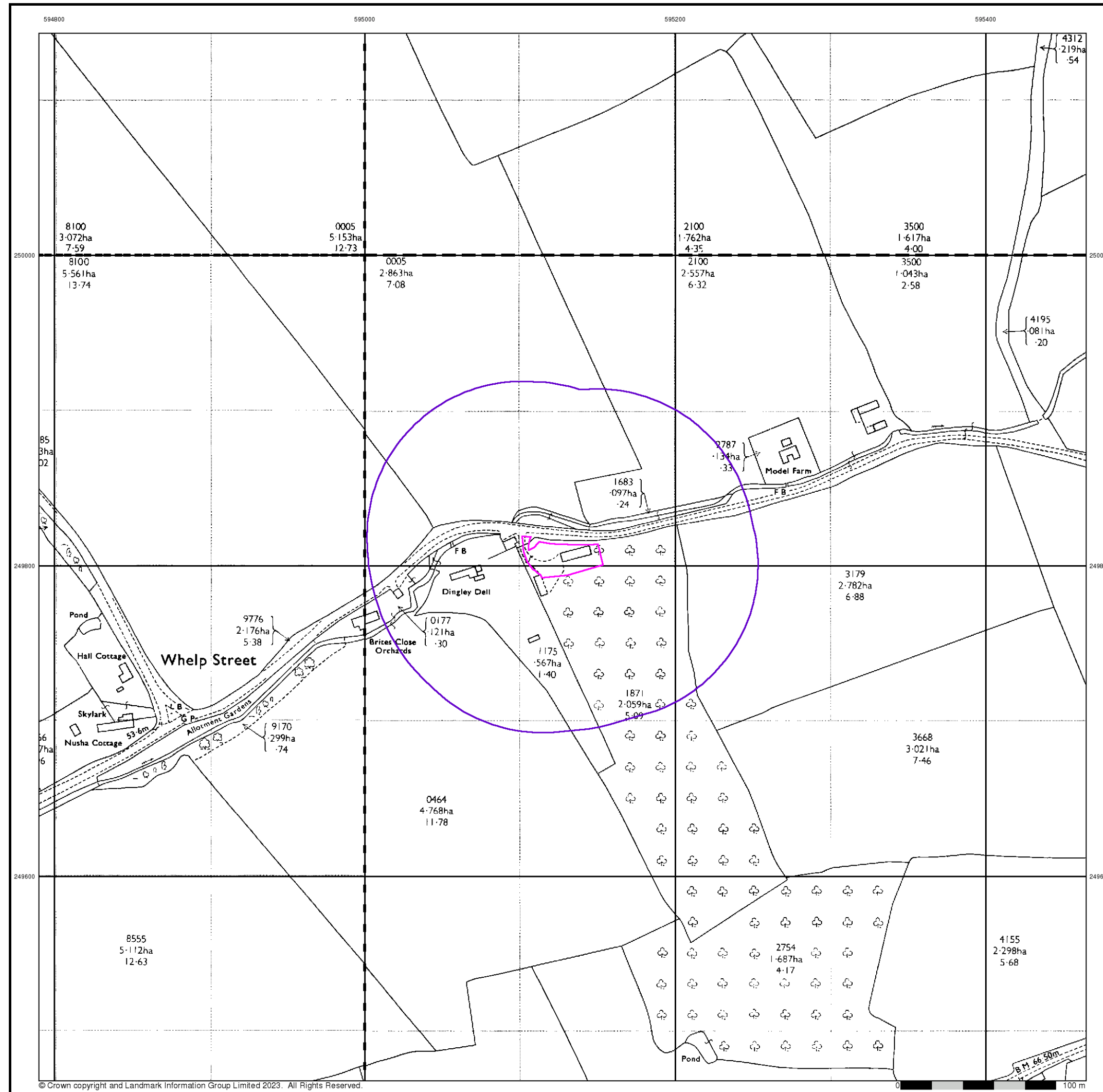
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 Search Buffer (m): 1000

### Site Details

Barn at, Whelp Street, Preston St Mary, SUDBURY, CO10 9NJ





## Ordnance Survey Plan

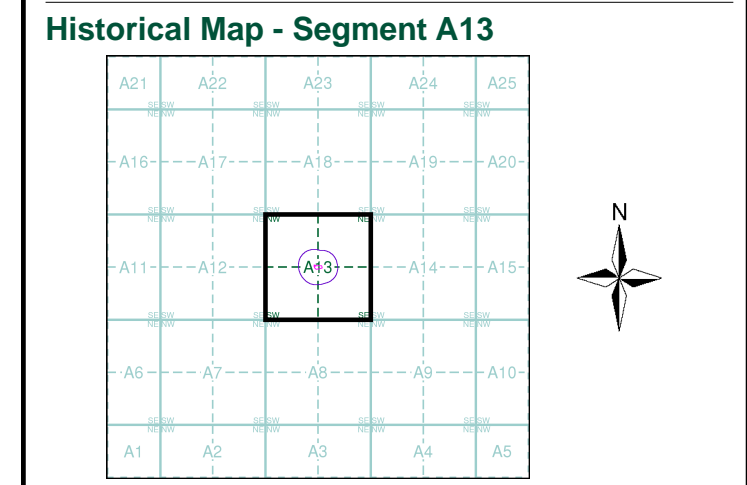
Published 1971 - 1974

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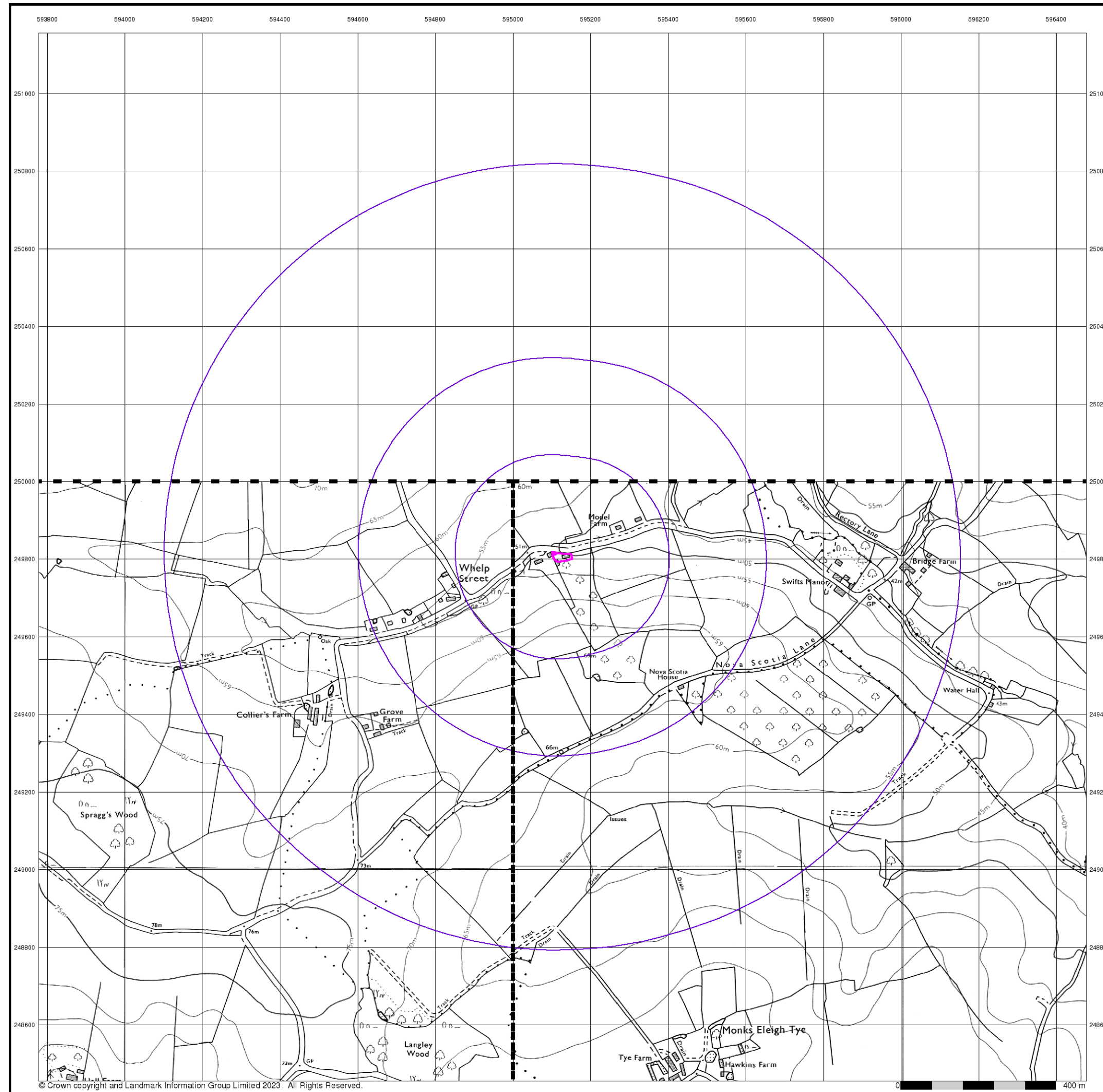
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 Slice: A  
 Site Area (Ha): 0.09  
 Search Buffer (m): 100

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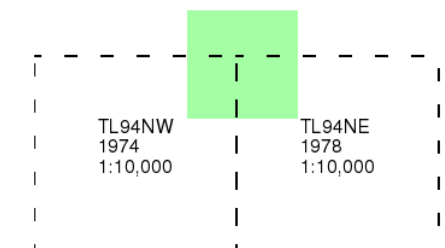
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Published 1974 - 1978

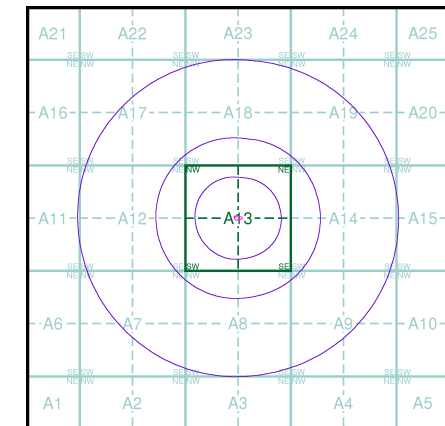
Source map scale - 1:10,000

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

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



### Historical Map - Slice A

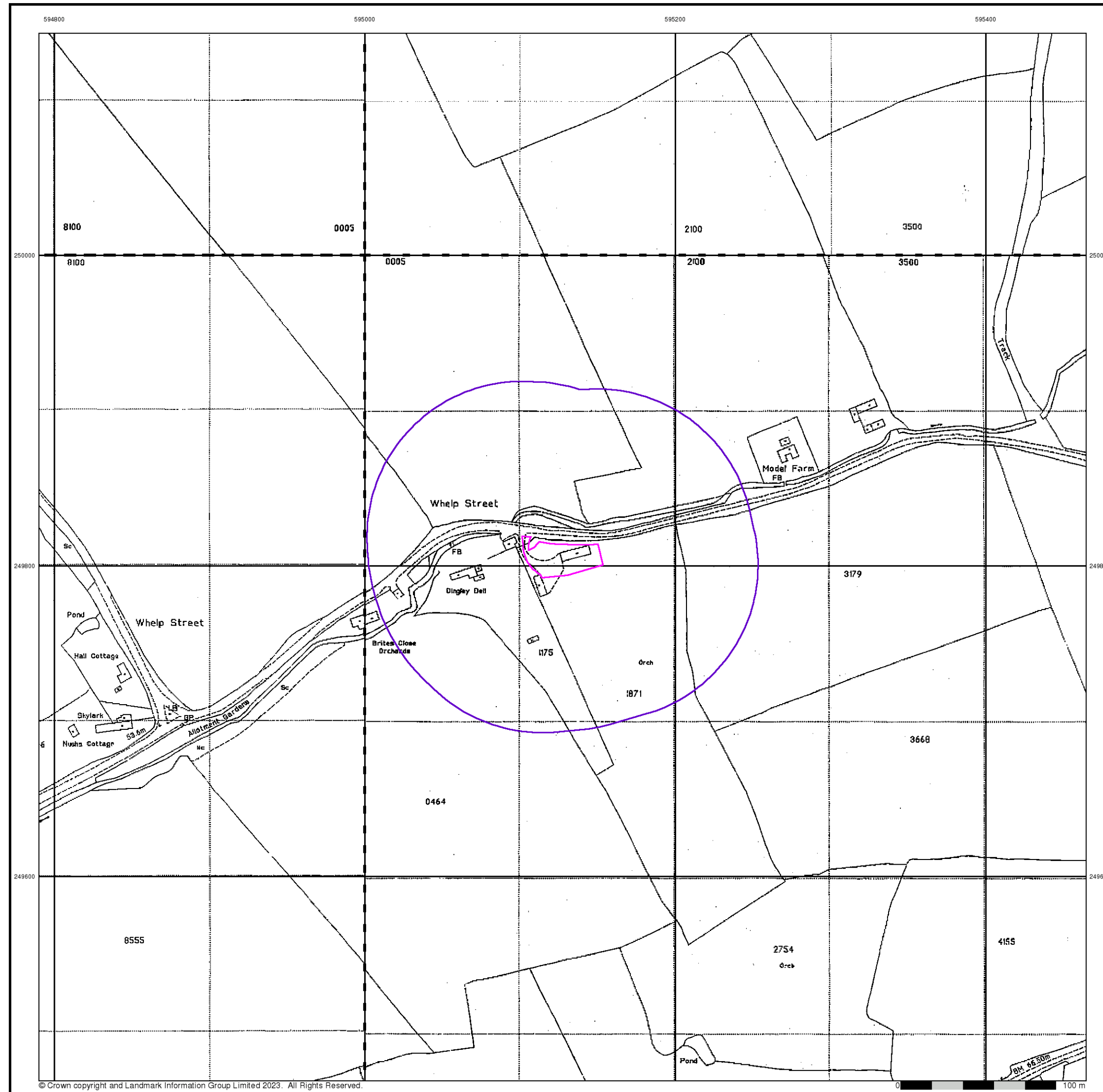


### Order Details

Order Number: 321463194\_1\_1  
 Customer Ref: P0385  
 National Grid Reference: 595130, 249810  
 Slice: A  
 Site Area (Ha): 0.09  
 Search Buffer (m): 1000

### Site Details

Barn at, Whelp Street, Preston St Mary, SUDBURY, CO10 9NJ



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# Envirocheck®

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## Large-Scale National Grid Data

Published 1993 - 1994

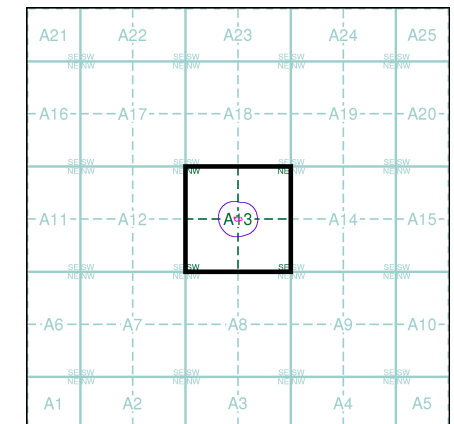
Source map scale - 1:2,500

'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)

TL9450 1993 12,500	TL9550 1993 12,500
TL9449 1994 12,500	TL9549 1994 12,500

### Historical Map - Segment A13



### Order Details

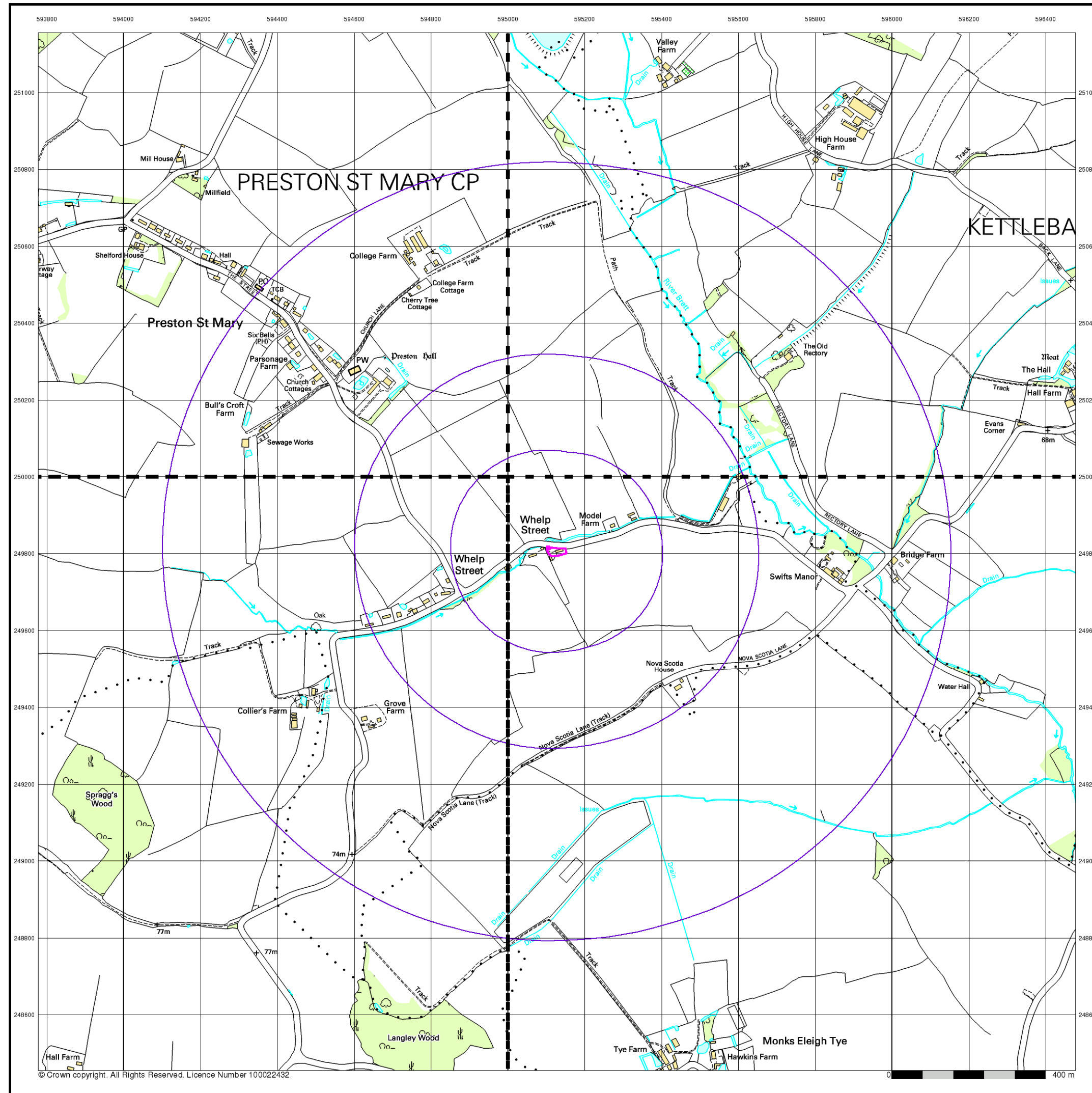
Order Number: 321463194\_1\_1  
 Customer Ref: P0385  
 National Grid Reference: 595130, 249810  
 Slice: A  
 Site Area (Ha): 0.09  
 Search Buffer (m): 100

### Site Details

Barn at, Whelp Street, Preston St Mary, SUDBURY, CO10 9NJ

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 INFORMATION GROUP

Tel: 0844 844 9952  
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## 10k Raster Mapping

Published 2000

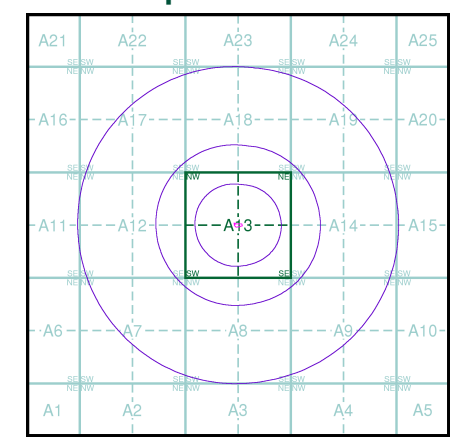
Source map scale - 1:10,000

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

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

TL95SW 2000 1:10,000	TL95SE 2000 1:10,000
TL94NW 2000 1:10,000	TL94NE 2000 1:10,000

### Historical Map - Slice A



### Order Details

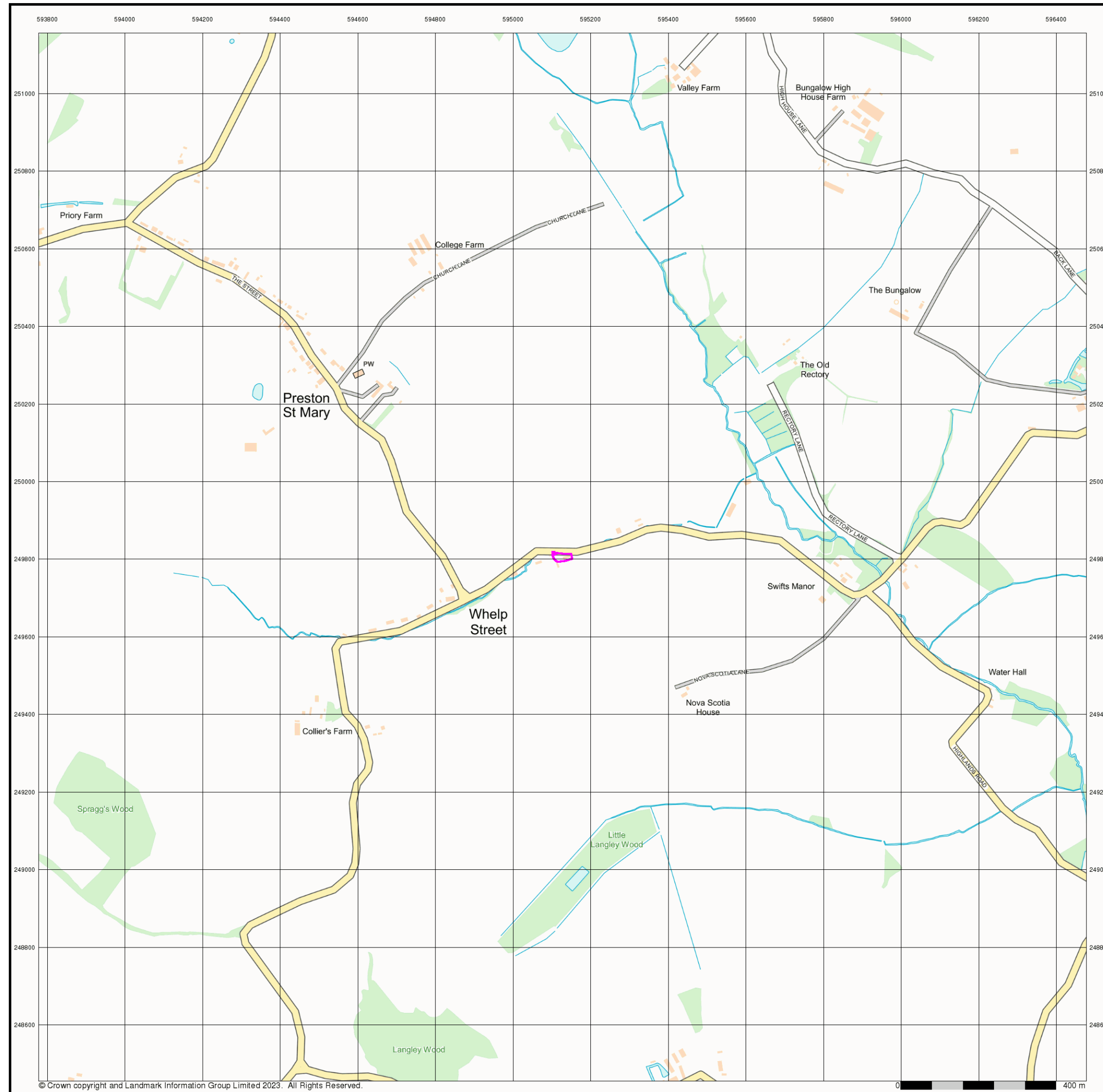
Order Number: 321463194\_1\_1  
 Customer Ref: P0385  
 National Grid Reference: 595130, 249810  
 Slice: A  
 Site Area (Ha): 0.09  
 Search Buffer (m): 1000

### Site Details

Barn at, Whelp Street, Preston St Mary, SUDBURY, CO10 9NJ

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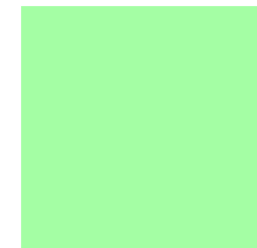
## Street View

Published 2023

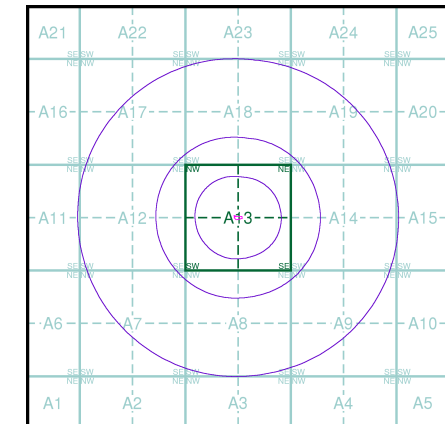
Source map scale - 1:10,000

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: 321463194\_1\_1  
 Customer Ref: P0385  
 National Grid Reference: 595130, 249810  
 Slice: A  
 Site Area (Ha): 0.09  
 Search Buffer (m): 1000

## Site Details

Barn at, Whelp Street, Preston St Mary, SUDBURY, CO10 9NJ

**Appendix E**

**Envirocheck Report**

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

321463194\_1\_1

**Customer Reference:**

P0385

**National Grid Reference:**

595130, 249810

**Slice:**

A

**Site Area (Ha):**

0.09

**Search Buffer (m):**

1000

#### Site Details:

Barn at  
Whelp Street  
Preston St Mary  
SUDBURY  
CO10 9NJ

#### Client Details:

Mrs S Slaven  
Sue Slaven  
33 Windmill Close  
Great Cornard  
SUDBURY  
Suffolk  
CO10 0FL

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	19
Hazardous Substances	-
Geological	20
Industrial Land Use	23
Sensitive Land Use	24
Data Currency	25
Data Suppliers	29
Useful Contacts	30

### Introduction

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

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### Report Version v53.0



Data Type	Page Number	On Site	0 to 250m	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			2	8
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 4		Yes		
Pollution Incidents to Controlled Waters	pg 4				2
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 4			1	
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 4				1
Water Abstractions	pg 5				1 (*20)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 10	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Source Protection Zones	pg 10	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 11		7	3	53

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					
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	pg 20				2
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 20	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 20	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 22	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

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 23				3
Fuel Station Entries					
Gas Pipelines	pg 23			1	
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 24	2			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	0	1	595126 249807
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	62	1	595200 249850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	102	1	595000 249807
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	182	1	595126 250000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	203	1	595350 249850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	208	1	595000 250000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	239	1	595300 250000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	265	1	595400 249900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	274	1	595350 250000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	312	1	595400 250000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	350	1	595350 250100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	397	1	595550 249807
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	415	1	595300 250200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	435	1	595350 250200
1	<b>Discharge Consents</b> Operator: Murray Arbeld Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Novia-Scotia House Novia-Scotia Lane, Preston St Mary, Suffolk, Co10 9nj Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prenf10555 Permit Version: 2 Effective Date: 15th October 1996 Issued Date: 15th October 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary River Brett <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b> Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	459	2	595500 249500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: Murray Arbeld  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Novia-Scotia House Novia-Scotia Lane, Preston St Mary, Suffolk, Co10 9nj  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf10555  Permit Version: 1  Effective Date: 20th August 1996  Issued Date: 20th August 1996  Revocation Date: 14th October 1996  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Brett  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A14SW (SE)	459	2	595500 249500
2	<p><b>Discharge Consents</b></p> <p>Operator: Mr &amp; Mrs D A Williams  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Collier'S Farm Whelp Street, Brent Eleigh, Sudbury, Suffolk, Co10 9nw  Authority: Environment Agency, Anglian Region  Catchment Area: River Brett (Hadleigh)  Reference: Prenf13943  Permit Version: 1  Effective Date: 30th January 2002  Issued Date: 29th January 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 Brett  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	688	2	594520 249440
3	<p><b>Discharge Consents</b></p> <p>Operator: Mr &amp; Mrs P J Lawrence  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: The Old Rectory Kettlebaston, Ipswich, Suffolk, Ip7 7qd  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf11085  Permit Version: 1  Effective Date: 18th September 1997  Issued Date: 18th September 1997  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Brett  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	734	2	595700 250300
4	<p><b>Discharge Consents</b></p> <p>Operator: R C Huggett  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Swifts Manor, Preston St Mary, Suffolk, Co10 9nj  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf11323  Permit Version: 1  Effective Date: 18th May 1998  Issued Date: 18th May 1998  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Brett  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	738	2	595890 249760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p><b>Discharge Consents</b></p> <p>Operator: R C Huggett  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Swifts Manor, Preston St Mary, Suffolk, Co10 9nj  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Pr2nf934  Permit Version: 2  Effective Date: 26th October 1993  Issued Date: 26th October 1993  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Brett  <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>	A14SE (E)	747	2	595900 249800
4	<p><b>Discharge Consents</b></p> <p>Operator: R C Huggett  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Swifts Manor, Preston St Mary, Suffolk, Co10 9nj  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Pr2nf934  Permit Version: 1  Effective Date: 30th August 1988  Issued Date: 30th August 1988  Revocation Date: 25th October 1993  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Brett  <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>	A14SE (E)	747	2	595900 249800
5	<p><b>Discharge Consents</b></p> <p>Operator: Anglian Water Services Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Preston St Mary Stw, Preston St. Mary, Sudbury, Co10  Authority: Environment Agency, Anglian Region  Catchment Area: River Brett (Hadleigh)  Reference: Aw2nf11271a  Permit Version: 1  Effective Date: 17th May 1984  Issued Date: 17th May 1984  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Brett Nt  <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>	A12NW (W)	850	2	594300 250100
5	<p><b>Discharge Consents</b></p> <p>Operator: Anglian Water Services Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Preston St Mary Stw, Preston St. Mary, Sudbury, Co10  Authority: Environment Agency, Anglian Region  Catchment Area: River Brett (Hadleigh)  Reference: Aw2nfe11271  Permit Version: 1  Effective Date: 9th September 1971  Issued Date: 9th September 1971  Revocation Date: 16th May 1984  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Brett Nt  <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>	A12NW (W)	850	2	594300 250100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p><b>Discharge Consents</b></p> <p>Operator: Edward &amp; Joanna Mason            Property Type: Domestic Property (Single)            Location: Bridge Farm, Kettlebaston, Ipswich, Suffolk, Ip7 7qe            Authority: Environment Agency, Anglian Region            Catchment Area: River Brett (Hadleigh)            Reference: Prenf11717            Permit Version: 1            Effective Date: 8th June 1999            Issued Date: 29th September 1999            Revocation Date: Not Supplied            Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company            Discharge: Freshwater Stream/River            Environment:            Receiving Water: Tributary Of River Brett  <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 100m</p>	A14SE (E)	947	2	596100 249800
	<p><b>Nearest Surface Water Feature</b></p>	A13NE (N)	6	-	595132 249823
7	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Other General Premises            Location: Kelvedon District            Authority: Environment Agency, Anglian Region            Pollutant: Miscellaneous - Natural            Note: Garden Pond            Incident Date: 17th June 1994            Incident Reference: 2077            Catchment Area: Not Given            Receiving Water: Into And/Or Watercourse            Cause of Incident: Algal Bloom            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	627	2	594700 250300
8	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Cattle (Dairy) Farming: Other            Location: Kelvedon District            Authority: Environment Agency, Anglian Region            Pollutant: Organic Wastes: Cattle Manure (solid)            Note: Tributary River Brett            Incident Date: 22nd March 1994            Incident Reference: 1974            Catchment Area: Not Given            Receiving Water: Freshwater Stream/River            Cause of Incident: Leaking Field Heap            Incident Severity: Category 2 - Significant Incident            Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	984	2	596000 249300
	<p><b>River Quality</b></p> <p>Name: Old R Brett            GQA Grade: River Quality E            Reach: Brettenham...Chelsworth            Estimated Distance (km): 10            Flow Rate: Flow less than 0.31 cumecs            Flow Type: River            Year: 2000</p>	A14NW (E)	479	2	595599 249982
9	<p><b>Substantiated Pollution Incident Register</b></p> <p>Authority: Environment Agency - Anglian Region, Central Area            Incident Date: 1st October 2002            Incident Reference: 111898            Water Impact: Category 4 - No Impact            Air Impact: Category 4 - No Impact            Land Impact: Category 2 - Significant Incident            Positional Accuracy: Located by supplier to within 10m            Pollutant: Inert : Construction / Demolition Material            Pollutant: Asbestos Waste</p>	A18NE (N)	885	2	595270 250690

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p><b>Water Abstractions</b></p> <p>Operator: Shadwell Estate Company Ltd,  Licence Number: 8/36/17/*g/022  Permit Version: Not Supplied  Location: High House Farm, KETTLEBASTON  Authority: Environment Agency, Anglian Region  Abstraction: Agriculture (General)  Abstraction Type: Not Supplied  Source: Well And Borehole  Daily Rate (m3): 3  Yearly Rate (m3): 11000  Details: Fluvial Sand and Gravel; Status: Perpetuity  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>	A19SW (NE)	599	2	595500 250300
	<p><b>Water Abstractions</b></p> <p>Operator: Shadwell Estate Company Ltd  Licence Number: 8/36/17/*G/0022  Permit Version: 100  Location: Bore At High House Farm  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 1996  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A24SW (NE)	1266	2	595800 250900
	<p><b>Water Abstractions</b></p> <p>Operator: High House Farm Ltd.,  Licence Number: 8/36/17/*g/021  Permit Version: Not Supplied  Location: High House Farm, KETTLEBASTON  Authority: Environment Agency, Anglian Region  Abstraction: Agriculture (General)  Abstraction Type: Not Supplied  Source: Well And Borehole  Daily Rate (m3): 3  Yearly Rate (m3): 11000  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>	A24SW (NE)	1266	2	595800 250900
	<p><b>Water Abstractions</b></p> <p>Operator: Shadwell Estate Company Ltd,  Licence Number: 8/36/17/*g/022  Permit Version: Not Supplied  Location: Bore , High House Farm  Authority: Environment Agency, Anglian Region  Abstraction: Agriculture (General)  Abstraction Type: Not Supplied  Source: Well And Borehole  Daily Rate (m3): 0  Yearly Rate (m3): 11000  Details: Glacial Sand and Gravel; Status: Perpetuity  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>	A19NE (NE)	1299	2	596000 250795



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Shadwell Estate Company Ltd,  Licence Number: 8/36/17/*g/022  Permit Version: Not Supplied  Location: Bore At High House Farm, KETTLEBASTON  Authority: Environment Agency, Anglian Region  Abstraction: Agriculture (General)  Abstraction Type: Not Supplied  Source: Well And Borehole  Daily Rate (m3): 0  Yearly Rate (m3): 11000  Details: Glacial Sand and Gravel; Status: Perpetuity  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>	A20SW (NE)	1379	2	596400 250395
	<p><b>Water Abstractions</b></p> <p>Operator: Strutt &amp; Parker (Farms) Ltd.,  Licence Number: 8/36/17/*s/079  Permit Version: Not Supplied  Location: Rushbrook Fm, Thorpe Morieux 2  Authority: Environment Agency, Anglian Region  Abstraction: Impounding  Abstraction Type: Not Supplied  Source: Stream  Daily Rate (m3): 91  Yearly Rate (m3): 10900000  Details: Status: Perpetuity  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>	A23NW (N)	1381	2	595001 251196
	<p><b>Water Abstractions</b></p> <p>Operator: Strutt &amp; Parker (Farms) Ltd  Licence Number: 8/36/17/*S/0079  Permit Version: 103  Location: Trib R.Brett, Thorpe Morieux 1  Authority: Environment Agency, Anglian Region  Abstraction: General Agriculture: Spray Irrigation - Storage  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Rushbrook Farm, Little Farm Charity Farm &amp; Down Hall Farm  Authorised Start: 01 November  Authorised End: 31 March  Permit Start Date: 8th April 2021  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A23NW (N)	1385	2	595000 251200
	<p><b>Water Abstractions</b></p> <p>Operator: Strutt &amp; Parker (Farms) Ltd  Licence Number: 8/36/17/*S/0079  Permit Version: 102  Location: Trib R.Brett, Thorpe Morieux 1  Authority: Environment Agency, Anglian Region  Abstraction: General Agriculture: Spray Irrigation - Storage  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Rushbrook Farm, Little Farm Charity Farm &amp; Down Hall Farm  Authorised Start: 01 November  Authorised End: 31 March  Permit Start Date: 9th November 2010  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A23NW (N)	1385	2	595000 251200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Strutt &amp; Parker (Farms) Ltd  Licence Number: 8/36/17/*S/0079  Permit Version: 101  Location: Trib R.Brett, Thorpe Morieux 1  Authority: Environment Agency, Anglian Region  Abstraction: General Agriculture: Spray Irrigation - Storage  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Rushbrook Farm, Little Farm Charity Farm &amp; Down Hall Farm  Authorised Start: 01 November  Authorised End: 31 March  Permit Start Date: 21st January 1999  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A23NW (N)	1385	2	595000 251200
	<p><b>Water Abstractions</b></p> <p>Operator: Strutt &amp; Parker (Farms) Ltd  Licence Number: 8/36/17/*S/0079  Permit Version: 100  Location: Trib R.Brett, Thorpe Morieux 1  Authority: Environment Agency, Anglian Region  Abstraction: General Agriculture: Spray Irrigation - Storage  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Status: Perpetuity  Authorised Start: 01 November  Authorised End: 31 March  Permit Start Date: 1st September 1998  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A23NW (N)	1385	2	595000 251200
	<p><b>Water Abstractions</b></p> <p>Operator: Strutt &amp; Parker (Farms) Ltd.,  Licence Number: 8/36/17/*s/079  Permit Version: Not Supplied  Location: Rushbrook Fm, Thorpe Morieux 2  Authority: Environment Agency, Anglian Region  Abstraction: Impounding  Abstraction Type: Not Supplied  Source: Stream  Daily Rate (m3): 91  Yearly Rate (m3): 4360000  Details: Status: Perpetuity  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>	A23NE (N)	1390	2	595300 251195
	<p><b>Water Abstractions</b></p> <p>Operator: Strutt &amp; Parker (Farms) Ltd  Licence Number: 8/36/17/*S/0079  Permit Version: 103  Location: Trib R.Brett, Thorpe Morieux 2  Authority: Environment Agency, Anglian Region  Abstraction: General Agriculture: Spray Irrigation - Storage  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 November  Authorised End: 31 March  Permit Start Date: 8th April 2021  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A23NE (N)	1395	2	595300 251200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Strutt &amp; Parker (Farms) Ltd  Licence Number: 8/36/17/*S/0079  Permit Version: 102  Location: Trib R.Brett, Thorpe Morieux 2  Authority: Environment Agency, Anglian Region  Abstraction: General Agriculture: Spray Irrigation - Storage  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 November  Authorised End: 31 March  Permit Start Date: 9th November 2010  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A23NE (N)	1395	2	595300 251200
	<p><b>Water Abstractions</b></p> <p>Operator: Strutt &amp; Parker (Farms) Ltd  Licence Number: 8/36/17/*S/0079  Permit Version: 101  Location: Trib R.Brett, Thorpe Morieux 2  Authority: Environment Agency, Anglian Region  Abstraction: General Agriculture: Spray Irrigation - Storage  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 November  Authorised End: 31 March  Permit Start Date: 21st January 1999  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A23NE (N)	1395	2	595300 251200
	<p><b>Water Abstractions</b></p> <p>Operator: Strutt &amp; Parker (Farms) Ltd  Licence Number: 8/36/17/*S/0079  Permit Version: 100  Location: Trib R.Brett, Thorpe Morieux 2  Authority: Environment Agency, Anglian Region  Abstraction: General Agriculture: Spray Irrigation - Storage  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Status: Perpetuity  Authorised Start: 01 November  Authorised End: 31 March  Permit Start Date: 1st September 1998  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A23NE (N)	1395	2	595300 251200
	<p><b>Water Abstractions</b></p> <p>Operator: High House Farm Ltd.,  Licence Number: 8/36/17/*g/021  Permit Version: Not Supplied  Location: High House Farm, KETTLEBASTON  Authority: Environment Agency, Anglian Region  Abstraction: Agriculture (General)  Abstraction Type: Not Supplied  Source: Well And Borehole  Daily Rate (m3): 0  Yearly Rate (m3): 11000  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>	A20SE (E)	1403	2	596500 250195

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Strutt &amp; Parker (Farms) Ltd  Licence Number: 8/36/17/*S/0054  Permit Version: 102  Location: Old River Brett, Monks Eleigh  Authority: Environment Agency, Anglian Region  Abstraction: General Agriculture: Spray Irrigation - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 April  Authorised End: 30 September  Permit Start Date: 8th April 2021  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A10SE (SE)	1567	2	596500 249000
	<p><b>Water Abstractions</b></p> <p>Operator: Strutt &amp; Parker (Farms) Ltd  Licence Number: 8/36/17/*S/0054  Permit Version: 101  Location: Old River Brett, Monks Eleigh  Authority: Environment Agency, Anglian Region  Abstraction: General Agriculture: Spray Irrigation - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 April  Authorised End: 30 September  Permit Start Date: 9th November 2010  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A10SE (SE)	1567	2	596500 249000
	<p><b>Water Abstractions</b></p> <p>Operator: Strutt &amp; Parker (Farms) Ltd  Licence Number: 8/36/17/*S/0054  Permit Version: 100  Location: Old River Brett, Monks Eleigh  Authority: Environment Agency, Anglian Region  Abstraction: General Agriculture: Spray Irrigation - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): 320  Yearly Rate (m3): 5910  Details: Not Supplied  Authorised Start: 01 April  Authorised End: 30 September  Permit Start Date: 1st September 1998  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A10SE (SE)	1567	2	596500 249000
	<p><b>Water Abstractions</b></p> <p>Operator: Strutt &amp; Parker (Farms) Ltd.,  Licence Number: 8/36/17/*s/054  Permit Version: Not Supplied  Location: Old River Brett, MONKS ELEIGH  Authority: Environment Agency, Anglian Region  Abstraction: Spray Irrigation  Abstraction Type: Not Supplied  Source: Stream  Daily Rate (m3): 6  Yearly Rate (m3): 320000  Details: Status: Time Limit  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>	A10SE (SE)	1570	2	596500 248995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: S Cottingham Licence Number: 8/36/17/*G/0069 Permit Version: 100 Location: Old Thatches, Preston St. Mary 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 May 1988 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21NE (NW)	1788	2	594100 251300
	<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: Intergranular Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13NW (NW)	0	3	595126 249807
	<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: Intergranular Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13NW (NW)	0	3	595125 249811
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Principal Aquifer	A13NW (NW)	0	3	595126 249807
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (NW)	0	3	595126 249807
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13NW (NW)	0	3	595125 249811
11	<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 (NW)	0	2	595126 249807
	<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				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A13NW (NW)	7	4	595098 249825
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 38.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A13NE (N)	7	4	595132 249825
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 63.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A13NE (NE)	8	4	595145 249822
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A13NE (NE)	9	4	595134 249824
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 607.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A13NW (W)	12	4	595090 249818
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 20.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A13NE (E)	61	4	595207 249833
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 309.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A13NE (E)	81	4	595227 249838
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 148.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A14NW (E)	376	4	595520 249881

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A14NW (NE)	486	4	595595 250007
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 28.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A14NW (NE)	493	4	595602 250010
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 250.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Brett Catchment Name: Stour Anglian Primacy: 1	A14NW (NE)	516	4	595552 250136
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 317.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Brett Catchment Name: Stour Anglian Primacy: 1	A14NW (E)	519	4	595632 250006
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A14NW (NE)	521	4	595628 250021
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 25.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Brett Catchment Name: Stour Anglian Primacy: 1	A14NW (NE)	522	4	595630 250020
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 52.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A14NW (NE)	525	4	595622 250043
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 36.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A19SW (NE)	556	4	595570 250177
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 173.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Brett Catchment Name: Stour Anglian Primacy: 1	A19SW (NE)	560	4	595496 250254

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 32.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A17SE (NW)	562	4	594731 250241
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 81.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A19SW (NE)	563	4	595514 250244
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 89.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A17SE (NW)	565	4	594734 250248
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 71.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A14NW (NE)	577	4	595667 250070
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 41.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A14NW (NE)	577	4	595667 250070
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 56.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A14NW (NE)	581	4	595642 250123
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 33.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A19SW (NE)	581	4	595624 250149
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 32.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A19SW (NE)	581	4	595623 250150
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 57.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A19SW (NE)	581	4	595623 250150



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A14NW (NE)	581	4	595642 250123
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 57.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A14NW (NE)	582	4	595652 250108
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 52.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A19SW (NE)	582	4	595605 250177
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 260.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A14NW (NE)	583	4	595677 250063
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A12SE (W)	588	4	594559 249584
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 368.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A12SE (W)	590	4	594552 249598
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 801.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A19SW (NE)	641	4	595567 250300
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A19SW (NE)	641	4	595567 250301
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 58.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A19SW (NE)	642	4	595561 250306

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 64.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A18SE (NE)	660	4	595464 250394
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 195.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Brett Catchment Name: Stour Anglian Primacy: 1	A18SE (NE)	660	4	595464 250394
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 108.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A8NE (S)	664	4	595328 249161
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 948.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A8NE (S)	669	4	595355 249163
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 64.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A8NE (S)	669	4	595355 249163
52	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 416.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A8NE (S)	674	4	595246 249131
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A19SW (NE)	682	4	595576 250347
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 130.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Brett Catchment Name: Stour Anglian Primacy: 1	A14NE (E)	684	4	595834 249858
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 53.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A7NE (SW)	690	4	594522 249433

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A7NE (SW)	727	4	594508 249388
57	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A8SE (S)	733	4	595377 249103
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A8SE (S)	737	4	595378 249099
59	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 369.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A8SE (S)	739	4	595379 249097
60	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 496.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A8SE (S)	739	4	595379 249097
61	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1261.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A14SE (E)	781	4	595934 249780
62	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 73.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A18NE (N)	781	4	595379 250560
63	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 102.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Brett Catchment Name: Stour Anglian Primacy: 1	A18NE (N)	781	4	595379 250560
64	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 283.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Brett Catchment Name: Stour Anglian Primacy: 1	A14SE (E)	781	4	595934 249780

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 79.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A12SW (W)	840	4	594266 249727
66	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 485.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Brett Catchment Name: Stour Anglian Primacy: 1	A18NE (N)	846	4	595320 250642
67	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 68.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A18NE (N)	846	4	595320 250642
68	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A18NE (N)	896	4	595283 250700
69	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 290.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A18NE (N)	905	4	595277 250709
70	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A12SW (W)	906	4	594198 249753
71	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 66.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A12SW (W)	913	4	594191 249754
72	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 606.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Brett Catchment Name: Stour Anglian Primacy: 1	A14SE (E)	948	4	596070 249562
73	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A14SE (E)	948	4	596070 249562

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 531.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Stour Anglian Primacy: 1	A14SE (E)	948	4	596071 249564

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: Babergh District Council - Has supplied landfill data		0	6	595126 249807
	<b>Local Authority Landfill Coverage</b> Name: Suffolk County Council - Has supplied landfill data		0	5	595126 249807

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Neogene To Quaternary Rocks (Undifferentiated)	A13NW (NW)	0	1	595126 249807
75	<b>BGS Recorded Mineral Sites</b> Site Name: Swiff S Farm Pit Location: Chelsworth, Sudbury, Suffolk Source: British Geological Survey, National Geoscience Information Service Reference: 212687 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Lowestoft Formation Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14SW (E)	640	1	595789 249727
76	<b>BGS Recorded Mineral Sites</b> Site Name: Rectory Gravel Pit Location: Kettlebaston, Sudbury, Suffolk Source: British Geological Survey, National Geoscience Information Service Reference: 212682 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	698	1	595687 250259
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	595126 249807
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	595125 249811
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	20	1	595116 249845
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	102	1	595000 249807
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	107	1	595000 249781
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	182	1	595126 250000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	192	1	594929 249725
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	208	1	595000 250000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	595125 249811
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	595126 249807
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	20	1	595116 249845

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	102	1	595000 249807
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	107	1	595000 249781
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	182	1	595126 250000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	192	1	594929 249725
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	208	1	595000 250000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	595126 249807
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	102	1	595000 249807
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	182	1	595126 250000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	208	1	595000 250000
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	595126 249807
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	102	1	595000 249807
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	182	1	595126 250000
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	208	1	595000 250000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	595126 249807
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	595125 249811
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	20	1	595116 249845
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	102	1	595000 249807
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	107	1	595000 249781
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	182	1	595126 250000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	192	1	594929 249725
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	208	1	595000 250000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	595126 249807
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	12	1	595134 249783
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	81	1	595114 249902
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	102	1	595000 249807
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	107	1	595000 249853
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	182	1	595126 250000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	208	1	595000 250000
	<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 (NW)	0	1	595126 249807
	<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 (NW)	0	1	595126 249807

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: G C Pryke            Location: The Street, Preston St. Mary, Sudbury, Suffolk, CO10 9NQ            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	761	-	594495 250279
77	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Pryke Bros            Location: Parsonage Farm, The Street, Preston St. Mary, Sudbury, CO10 9NQ            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	762	-	594496 250281
78	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Command Pest Control            Location: Command House, The Street, Preston St. Mary, Sudbury, CO10 9NQ            Classification: Pest &amp; Vermin Control  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NW (NW)	793	-	594813 250557
79	<p><b>Gas Pipelines</b></p> <p>Name: STOWMARKET TO BRAINTREE            Nat Grid: Owned By National Grid            Diameter (mm): 900            Building Proximity: Not Supplied            Distance (m):            Status: Active            Pipe Length (m): 51916.77            Pipe Number: Not Supplied</p>	A18SW (NW)	387	7	594941 250171

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	<b>Nitrate Vulnerable Zones</b> Name: Sandlings And Chelmsford Description: Groundwater Source: Environment Agency, Head Office	A13NW (NW)	0	3	595126 249807
81	<b>Nitrate Vulnerable Zones</b> Name: Lower Stour Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NW (NW)	0	3	595126 249807







Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Babergh District Council - Environmental Services Mid Suffolk District Council - Environmental Health Department Environment Agency - Head Office	January 2020 January 2020 June 2020	Annual Rolling Update Annual Rolling Update Annually
<b>Discharge Consents</b> Environment Agency - Anglian Region	July 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> Babergh District Council - Environmental Services Mid Suffolk District Council - Environmental Health Department	June 2014 June 2014	Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> Mid Suffolk District Council - Environmental Health Department Babergh District Council - Environmental Services	June 2014 June 2014	Annual Rolling Update Not Applicable
<b>Local Authority Pollution Prevention and Control Enforcements</b> Babergh District Council - Environmental Services Mid Suffolk District Council - Environmental Health Department	June 2014 June 2014	Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	August 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 Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly
<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 - Central Area Environment Agency - Anglian Region - Eastern Area	July 2023 July 2023	Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - Anglian Region	April 2023	Quarterly
<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	As notified

Agency & Hydrological	Version	Update Cycle
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	As notified
<b>Source Protection Zones</b> Environment Agency - Head Office	September 2022	Bi-Annually
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	August 2023	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	August 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	August 2023	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	August 2022	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	July 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	July 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	July 2023	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Eastern Area	January 2023	Quarterly
<b>Local Authority Landfill Coverage</b> Babergh District Council - Environmental Services Mid Suffolk District Council - Environmental Health Department Suffolk County Council	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Babergh District Council - Environmental Services Mid Suffolk District Council - Environmental Health Department Suffolk County Council	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	
<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 Babergh District Council - Planning Department Mid Suffolk District Council - Planning Department	February 2006 March 2023 March 2023	Annual Rolling Update Variable Variable
<b>Planning Hazardous Substance Consents</b> Suffolk County Council - Environment and Transport Babergh District Council - Planning Department Mid Suffolk District Council - Planning Department	February 2006 February 2016 February 2016	Annual Rolling Update Variable Variable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	As notified
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	June 2023	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

Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	July 2023	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	August 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	April 2023	Bi-Annually
<b>Areas of Adopted Green Belt</b> Babergh District Council - Planning Department Mid Suffolk District Council - Planning Department	August 2023 August 2023	Quarterly Quarterly
<b>Areas of Unadopted Green Belt</b> Babergh District Council - Planning Department Mid Suffolk District Council - Planning Department	August 2023 August 2023	Quarterly Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	April 2023	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	August 2023	
<b>Forest Parks</b> Forestry Commission	May 2023	Not Applicable
<b>Local Nature Reserves</b> Natural England	August 2023	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	April 2023	Bi-Annually
<b>National Nature Reserves</b> Natural England	August 2023	Bi-Annually
<b>National Parks</b> Natural England	February 2018	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2023	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 March 2023	Bi-Annually
<b>Ramsar Sites</b> Natural England	October 2023	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	March 2023	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	April 2023	Bi-Annually
<b>Special Protection Areas</b> Natural England	April 2023	Bi-Annually

A selection of organisations who provide data within this report

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



Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>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>Babergh District Council - Environmental Services</b> Council Offices, Corks Lane, Hadleigh, Ipswich, Suffolk, IP7 6SJ	Telephone: 01473 825880 Fax: 01473 825738 Website: www.babergh.gov.uk
7	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
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.