

**THE CARTLODGE, LOWER FARM
GREAT SAXHAM**

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

April 2021
Report No. P0163/R01 Issue 1

Prepared for:
Mr W Phizacklea

Prepared by:
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DOCUMENT INFORMATION AND CONTROL SHEET

Report No.	Title	
P0163/R01	The Cartlodge, Lower Farm, Great Saxham Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment	
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Issue History

Issue	Status	Date	Report Author	Signature
1	Final	29 April 2021	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
Client	Mr W Phizacklea
The Site	The Cartlodge, Lower Farm, Barrow Road, Great Saxham, IP29 5JT
Report Objectives	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 in respect of the proposed redevelopment of the site to a residential land use.
Land Use History	The site has been occupied by a farm building since at least 1904 within Lower Farmyard. Its most recent use is as a stable block within a livery.
Development Proposals	It is understood that the building on-site is to be converted to a residential use.
Geo-environmental Setting	<p>Topography: The site and surrounding area generally sloped towards the west.</p> <p>Geology: Superficial deposits underlying the site comprised Lowestoft Formation (chalky till) and the bedrock geology consisted of Chalk.</p> <p>Hydrogeology: The superficial deposits are classified as a Secondary aquifer and the Chalk as a Principal aquifer. The site lies within groundwater Source Protection Zone 2 and the nearest groundwater abstraction licence was at Barrow 1.3km to the south-west for general farming and domestic.</p> <p>Hydrology: The nearest surface watercourse is a river 100m to the west. The site lies within Flood Zone 1 (low probability).</p>
Phase 1 Preliminary Risk Assessment	Based on the history and walkover survey of the site and immediate vicinity, no significant on- or off-site sources of contamination have been identified. Therefore, as no significant sources of contamination have been identified, no pathways can be established and the potential risk to receptors is considered to be negligible.
Recommendations	No intrusive investigation is considered necessary at this time. It is recommended that a watching brief for visual and olfactory signs of contamination is kept during groundworks, and if identified, work should stop and a risk assessment be carried out.
<p>This summary forms part of the Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment report prepared by Sue Slaven and presents 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>	

The Cartlodge, Lower Farm, Great Saxham
Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment

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**The Cartlodge, Lower Farm, Great Saxham
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 W Phizacklea to carry out a preliminary investigation (also recognised as a Phase 1 Geo-environmental Desk Study) for the site known as The Cartlodge, Lower Farm, Great Saxham. The purpose of the report is to provide information for the site with regards to the potential for ground contamination to be present. This is achieved using published information and by carrying out a walkover survey in relation to the proposed development 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 West Suffolk 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 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 significant risk to identified receptors. For a risk to exist, three elements must be present in order to create a potential pollutant linkage (PPL), as follows:

- Source / Contaminant: activity / hazardous substance that has the potential to cause adverse impact.
- 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 and assess the likelihood of ground contamination to exist.
- Prepare a preliminary risk assessment that assesses the presence of PPLs and whether further action is required.
- Produce a report for use by the Client.

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

- A desk-based review of available information to include the history of the site and surrounding area.
- An interpretation of available geo-environmental data.
- Review any previous ground investigations reports prepared for the site.

- A walkover survey of the site and its environs.
- Develop a preliminary conceptual site model detailing all PPLs.
- Provide recommendations for a Phase 2 Ground Investigation, if required, based on the findings, to ensure that the site is suitable for use and/or proposed use.

1.2.3 The findings and conclusions of the risk assessment and recommendations have assumed that the site is to be developed 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:

- BS 10175. Investigation of potentially contaminated sites - Code of practice.
- BS 5930. Code of practice for ground investigations.
- Defra. Contaminated Land (England) (Amendment) Regulations 2012 and Contaminated Land Statutory Guidance.
- Environment Agency. Land Contamination: Risk Management. October 2020.
- Environment Agency. Report GPLC1 - Guiding Principles for Land Contamination.
- Environment Agency. The Environment Agency's approach to groundwater protection.
- HCA. National Planning Policy Framework.
- Part IIA of the Environmental Protection Act, 1990.
- West Suffolk Council. Contaminated Land Advice Note 2 – Technical Guidance for Investigating, Assessing and Remediating Land Contamination. Version 1.3. September 2014.

1.3 Report Limitations and Constraints

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

1.3.2 This report does not include specific investigation / identification for the presence of potential Asbestos Containing Materials (ACMs), Japanese Knotweed or defects within any structures that may be present on-site. However, it may be noted that these could be present on-site, as detailed within this report. 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 understood that the stable block is to be converted to a residential use. However, the details are unknown at the time of writing this report.

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

Location	The site is located within the farmyard of Lower Farm, which is situated approximately 1.5km to the south-east of Barrow and 5.3km to the south-west of Bury St Edmunds. The surrounding area is predominantly in agricultural use.
Grid Reference	578050, 263140
Post Code	IP29 5JT
Site Area	0.05ha

2.2 Site Description

2.2.1 A site visit was undertaken on 23 April 2021 by Sue Slaven. The site was located within the western sector of the farmyard of Lower Farm and was accessible on all sides. The site comprised one large building of brick and flint, which consisted of a series of stables, and had

a concrete floor and tiled roof. The eastern side was open with wooden supports and a frontage of grass, concrete, a drain and a set of metal sheet doors. Beneath the metal sheet doors was a soakaway for washing horses, which took place in this area. To the rear of the building and on its western side was another stable door which was accessed from a concrete ramp, a covered patio area that was in use for storage of garden furniture, wooden pallets and chairs. A concrete extension adjoined the larger building on its south-western wall, which comprised one small storeroom and a larger storeroom of breezeblock construction, with a metal corrugated roof. The small storeroom had a metal door accessed from the south and was in use for storage of tyres, doors etc. The larger storeroom had double wooden doors on the southern side.

- 2.2.2 Immediately surrounding the site was a driveway of shingle, which also led to the remainder of the farmyard. To the west of the site was a bungalow and private garden, with grazing fields and circular and square shaped horse training areas further to the north-west. Beyond this, at 85m from the site, was the gravel track to Lower Farm that led from Barrow Road 870m to the north-east.
- 2.2.3 To the south of the site was a track that led to fields and residential properties that continued eastwards. To the east of the site was the footprint of a former building that was in use as a car park. Further to the east was a circular horse training area, a gravel car park and a one storey offices for the Suffolk Pet Crematorium. Beyond the offices were rows of former stables.
- 2.2.4 Three farm buildings of various sizes were located to the north-east of the site. The small wooden building to the north-east was in use for storage of hay. The larger building was of metal sheeting wall and possibly an asbestos roof (this cannot be confirmed), with a concrete floor and was in use for stables. The building further to north-east was of brick walls and metal sheeting roof (possibly asbestos) in a dome shape and was in use for storage. On the western side of this building was a raised fuel storage tank on a concrete plinth.
- 2.2.5 No signs of visual or olfactory signs of contamination were noted either on site or in the surrounding area, except for the site of the raised storage tank. 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 defined from the layout of structures depicted on historical OS maps, however, specific elements of site operations may not be determined from these maps. Only off-site features present within a radius of 250m of the site are considered relevant.

3.2 Historical Maps

1884 (1:2,500)

- 3.2.1 The site was located at the western end of Lower Farm farmyard of several buildings that extended further east and south. There was a Chalk Pit alongside the track to the farmyard to the south-west at 20m distant from the site. The surrounding area was in agricultural use.

1904 (1:2,500)

- 3.2.2 The site was occupied by a building. The Chalk Pit to the south-west was no longer labelled as such, although the excavation remained.

1952 (1:10,000)

- 3.2.3 The site and surrounding area remained unchanged.

1979 (1:2,500)

- 3.2.4 An extension had been added to the western side of the original building. A bungalow had been developed to the west, together with farm buildings further to the north-east and stable blocks further to the east. The Chalk Pit was labelled as a Pit (disused).

1994 (1:2,500) and 2000 (1:10,000)

- 3.2.5 The site and surrounding area remained unchanged.

Additional Information

- 3.2.6 It is understood that the site and surrounding farmyard have not been in agricultural use for at least 25 years. Lower Farm is currently occupied by a livery (Lower Farm Livery) and pet and horse crematorium services (Suffolk Pet Crematorium), together with residential properties.

3.3 Planning History

- 3.3.1 A review of the West Suffolk Council's planning website was carried out with regards to planning applications relating to the site and surrounding area, using "IP29 5JT" as the search term. There were two records dated May 2004 and November 2005, both relating to Lower Farm. In 2005, an application was submitted for the change of use, alteration and extension of existing staff accommodation to holiday accommodation. Change of use, alteration and extension of the existing store at Lower Farmhouse to first floor and ground floor office was submitted in 2004.

3.4 Previous Investigations

3.4.1 It is understood that the site has not been subject to ground investigation.

4. ENVIRONMENTAL SETTING

4.1 General

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

4.2 Geology

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

- BGS Website – 29 April 2021 (<http://mapapps.bgs.ac.uk/geologyofbritain/>)
- Envirocheck Report

4.2.2 The records indicate that superficial deposits underlying the site are the Lowestoft Formation, which forms an extensive sheet of chalky till, together with outwash sands, gravels, silts and clay. The till is characterised by its chalk and flint content. The bedrock geology consists of the undifferentiated Lewes Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation and Culver Chalk Formation.

4.2.3 There was one record of a borehole drilled in the vicinity of the site. This was drilled to a depth of 5.3m in September 1980 at a location 135m to the east of the site. Ground conditions were described as Boulder Clay to a depth of 4.8m, overlying white hard Chalk.

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

4.3 Hydrogeology

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

- Envirocheck Report
- MAGIC Website – 29 April 2021 (<http://www.magic.gov.uk/MagicMap.aspx>)

4.3.2 The superficial deposits are classified as a Secondary aquifer and the bedrock geology is a Principal aquifer. The site is located within groundwater Source Protection Zone 2 (Outer

Zone) and the nearest groundwater abstraction licence was at Barrow, 1.3km to the south-west for general farming and domestic use.

4.4 Hydrology

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

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

4.4.2 The nearest surface watercourse is a river located 100m to the west which orientates in a north to south direction. There are two ponds in the vicinity of the site: 135m to the south-east and 190m to the east. There are no records of discharge consents within a 250m radius of the site. The site is located within Flood Zone 1 which has a low probability of flooding.

4.5 Ecology / Archaeology

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

- Envirocheck Report
- MAGIC Website – 29 April 2021 (<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 also no archaeological features or listed buildings within 250m.

5. POTENTIALLY CONTAMINATIVE USES OF THE SITE AND ITS ENVIRONS

5.1 General

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

5.2 Waste

5.2.1 There were no records of historical and operational landfill sites within 250m of the site. At 50m to the east of the site, Lower Farm is a registered waste treatment site for the incineration of dead domestic pets and equine and deer offal. The operation is classed as “very small”, i.e. less than 10,000 tonnes per year and has been operating since April 1999.

5.3 Statutory Authorisations

5.3.1 There are no records of sites subject to Local Authority Pollution Prevent Control (LAPPC), 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), Registered Radioactive Substances or Hazardous Substances Consent.

5.4 Other Possible Contaminative Uses

Quarrying

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

Fuel Sites

5.4.2 There were no petrol stations within 250m of the site.

Contemporary Trade Directory

5.4.3 There was one record of an active trade within a 250m radius of the site: Suffolk Pet Crematorium, 50m to the east.

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 developed to a residential use. 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 identified receptors 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 has been in agricultural use since at least 1884, with a building in 1904 as part of a larger farmyard, which is currently in use as stables. Thus, no on-site significant sources of contamination have been identified as part of the walkover survey or the desk study.

Potential Off-site Sources of Contamination

6.2.3 Potential off-site sources of contamination can be identified, as follows:

- An above ground fuel storage tank that was observed adjacent to a farm building to the north-east of the site. However, the ground slopes towards the west and thus, is unlikely to impact upon the site.
- Incineration of pets and horses takes place at a location 50m to the east of the site. This is a regulated activity and thus, is not considered to be a significant source of contamination. In addition, it was noted during the walkover survey that a new incinerator had recently been installed.
- The former Chalk Pit 20m to the south-west, which was present in 1884 and was by 1979. The Pit has since been infilled with chalk at the time of constructing the horse arenas.

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 (i.e. construction workers, residents)
- Buildings and underground services
- Plants
- Groundwater (Secondary aquifer overlying a Principal aquifer)

Off-site

- River 100m to the west
- Staff and visitors to the livery and crematorium
- Residents to the south-east and west

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

6.4 Identification of Pathways

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

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

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

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

Human Health

6.4.3 The site is to be developed to a residential use that may include a private garden, thus potential pathways are possible such as long-term soil/dust inhalation/ingestion, dermal

contact and ingestion of soil attached to home-grown vegetables. However, no significant sources of contamination were identified and thus, the presence of ground contamination is considered to be unlikely.

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

Ground Gas

- 6.4.5 There is the potential for ground gas (carbon dioxide and methane) to enter future permanent buildings if the site is located within 250m of a landfill site or infilled ground and ground conditions allow for the migration of ground gas. However, no significant sources of ground gas have been identified.

Pathways to Controlled Waters

- 6.4.6 The site is underlain by a Secondary aquifer and Principal aquifer. There are no surface watercourses within the vicinity of the site. Thus, groundwater is considered to be sensitive to the potential presence of ground contamination. However, no significant sources of contamination have been identified and thus, controlled waters will 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 sources of on-site contamination, these pathways cannot be established.

6.5 Preliminary Conceptual Site Model and Hazard Assessment

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

7. CONCLUSIONS AND RECOMMENDATIONS

7.1 Environmental Risk Assessment

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

7.2 Recommendations for Further Investigative Works

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

7.3 Recommendations for Works during Development

7.3.1 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 or in the surrounding area. Thus, a watching brief is recommended during all groundworks 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 over which contaminated materials are present.
4. The unexpected contaminated material will either be left in situ or be stockpiled (except if suspected to be asbestos) whilst testing is carried out and suitable assessments completed to determine whether the material can be re-used on site or requires disposal as appropriate.
5. The testing suite will be determined by the independent geo-environmental specialist based on visual and olfactory observations.
6. Test results will be compared against current assessment criteria suitable for the future use of the area of the site affected.
7. Where the material is left in situ awaiting results, it will either be reburied or covered with plastic sheeting.
8. Where the potentially contaminated material is to be temporarily stockpiled, it will be placed either on a prepared surface of clay, or on 2000-gauge Visqueen sheeting (or

-
- other impermeable surface) and covered to prevent dust and odour emissions.
 9. Any areas where unexpected visual or olfactory ground contamination is identified will be surveyed and testing results incorporated into a Verification Report.
 10. A photographic record will be made of relevant observations.
 11. The results of the investigation and testing of any suspect unexpected contamination will be used to determine the relevant actions. After consultation with the Local Authority, materials should either be:
 - re-used in areas where test results indicate that it meets compliance targets so it can be re-used without treatment; or
 - treatment of material on site to meet compliance targets so it can be re-used; or
 - removal from site to a suitably licensed landfill or permitted treatment facility.
 12. A Verification Report will be produced for the work.
- 7.3.2 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

Appendix A	Service Constraints, Report Limitations and Planning Requirements
Appendix B	Environmental Risk Assessment Methodology and Terminology
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Appendix A

Service Constraints, Report Limitations and Planning Requirements

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

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

Planning Requirements

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

Appendix B
Environmental Risk Assessment
Methodology & Terminology

ENVIRONMENTAL RISK ASSESSMENT METHODOLOGY & TERMINOLOGY

LEGISLATION OVERVIEW

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

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

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

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

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

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

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

The "suitable for use" approach then consists of three elements:

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

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

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

PRELIMINARY RISK ASSESSMENT

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

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

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

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

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

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

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

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

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

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

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

Definition of Risk Assessment Terminology

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

Table B.1 Severity/Consequence of Risk

Severe	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.
Medium	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.
Mild	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.
Negligible	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

High likelihood	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.
Medium/Reasonably Foreseeable	Contaminant linkage may be present, and it is probable that the risk will occur over the long term.
Low/Unlikely	Contaminant linkage may be present and there is a possibility of the risk occurring, although there is no certainty that it will do so.
Negligible/Not credible	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

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

	Low/Unlikely	High/Medium Risk	Medium/Low Risk	Low Risk	Near Zero
	Negligible/Not credible	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

Evaluated Risk	Recommended Actions
Very High Risk	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.
High Risk	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.
Moderate Risk	SI: It is possible that harm could arise to a designated receptor from an identified hazard. However, it is relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.
Low Risk	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.
Near Zero	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 cartlodge from the east.



Photograph 2: The eastern side of the site / cartlodge. The farm building in the background was in use for further stabling.



Photograph 3: The cartlodge in use as stables.



Photograph 4: The northern wall of the cartlodge.



Photograph 5: The western sector of the site with an additional stable fronted by a concrete ramp.



Photograph 6: The south-western sector of the site with a covered patio and the extension.



Photograph 7: The track between the cartlodge and the bungalow to the west.



Photograph 8: The track to the site from the west with horse training grounds to the south-west of the site (on the location of the former chalk pit).



Photograph 9: The southern side of the cartlodge with the extension in use for storage and an additional stable.



Photograph 10: The area to the east of the site. The car park is the site of a former farm building.



Photograph 11: The area to the east and south-east of the site with residential properties on the right, a stable block on the left and offices in the background.



Photograph 12: Farm buildings to the north-east of the site. The large one was in use for stabling and the smaller one for storage of hay etc.



Photograph 13: The area looking east, from the north of the site.



Photograph 14: The bungalow to the west of the site.

Appendix D
Historical Maps

Suffolk

Published 1884

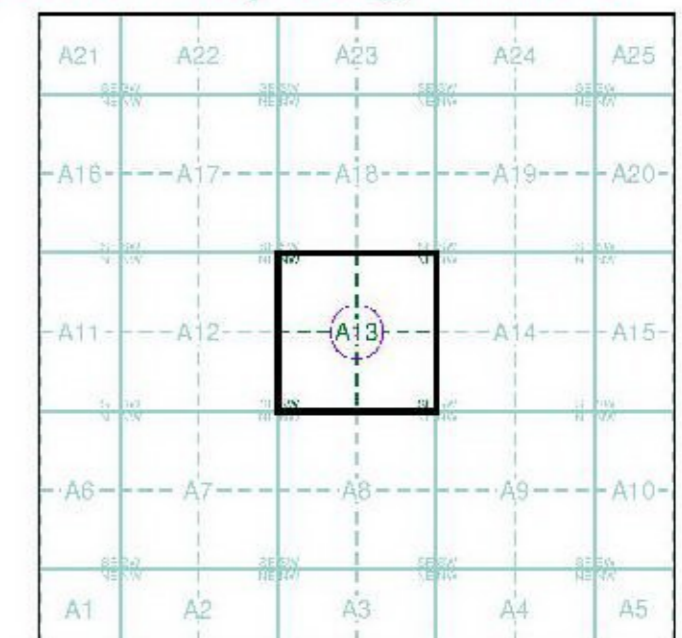
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1939, all OS maps were 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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043 12	1884	1:2,500

Historical Map - Segment A13

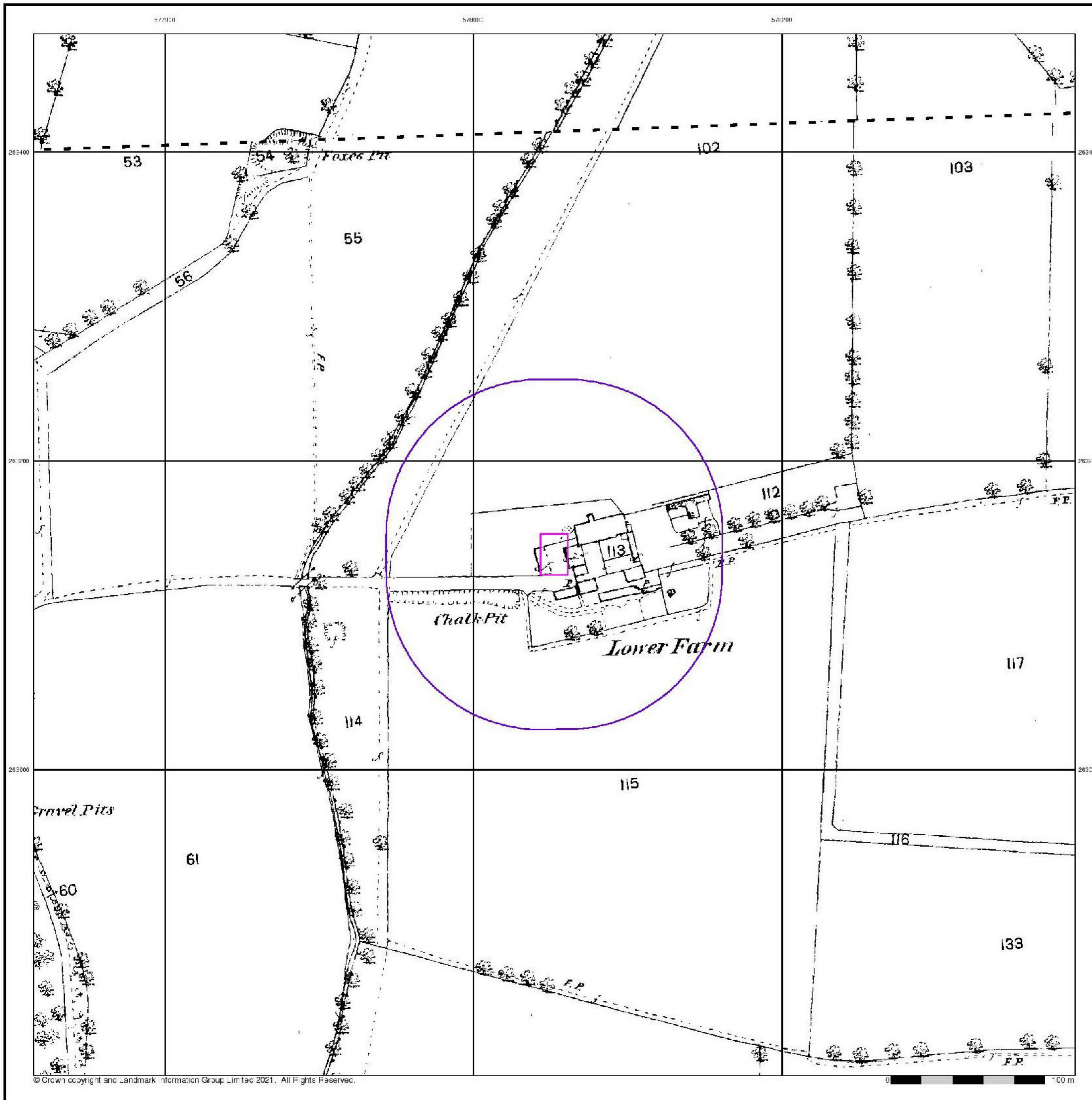


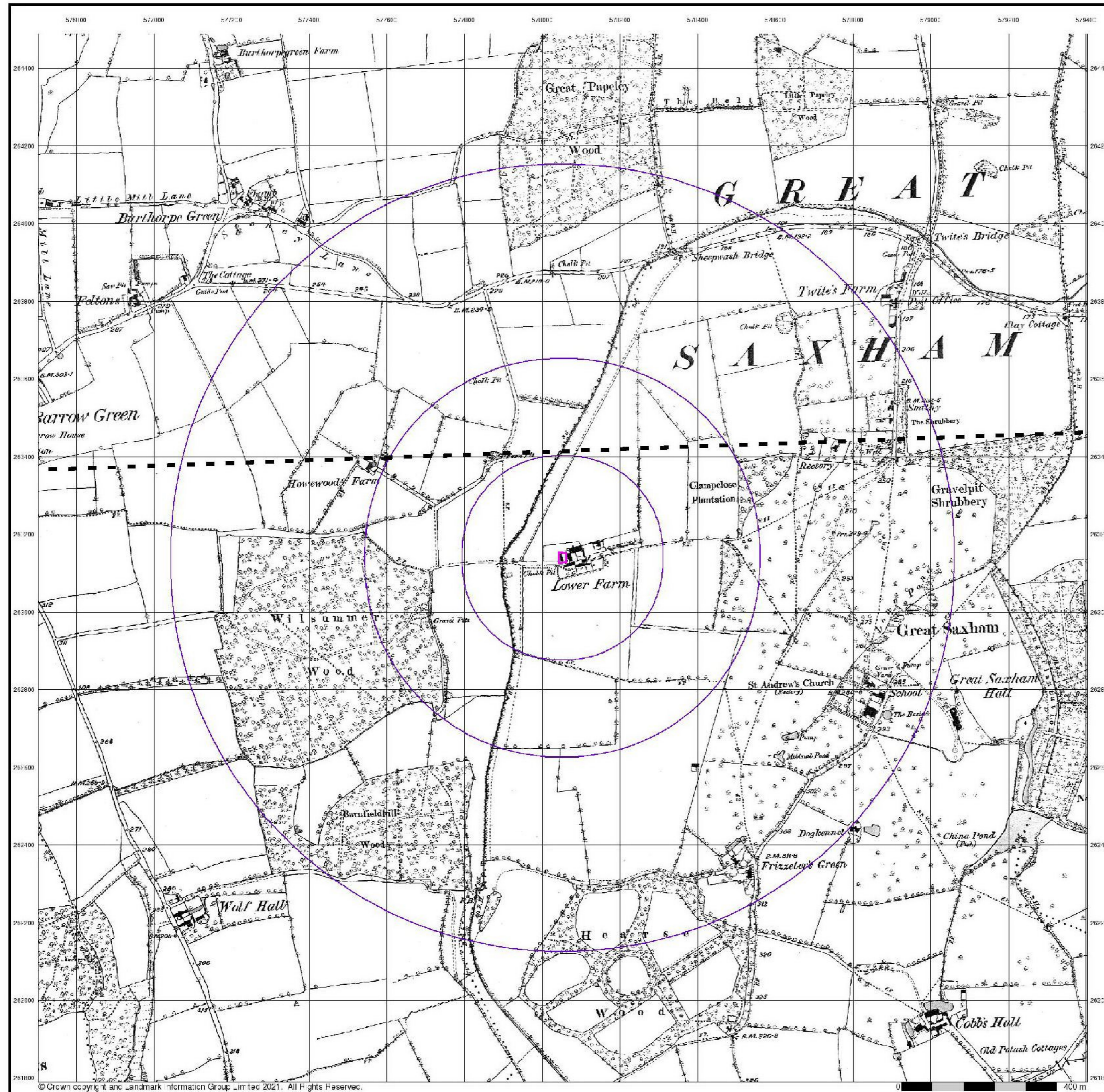
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 Customer Ref: P0163
 National Grid Reference: 578050, 263140
 Slice: A
 Site Area (Ha): 0.05
 Search Buffer (m): 100

Site Details

The Cartlodge, Lower Farm, Great Saxham, BURY ST. EDMUNDS, IP29 5JT





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Suffolk

Published 1884

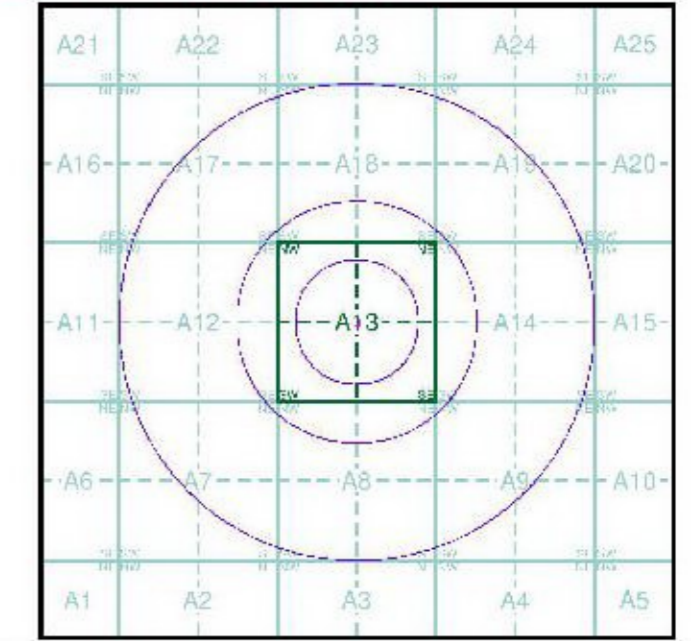
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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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043SE	1884	1:10,560

Historical Map - Slice A



Order Details

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Customer Ref:	P0163
National Grid Reference:	578050, 263140
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

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Published 1904

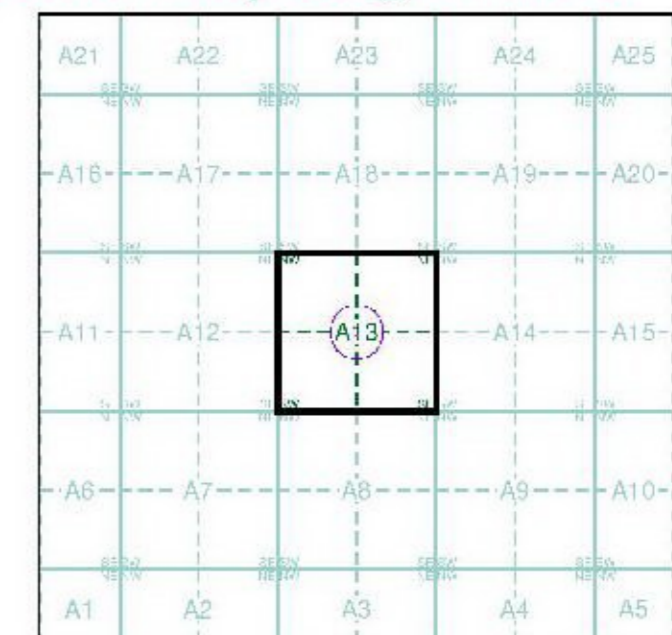
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Map Name(s) and Date(s)

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Historical Map - Segment A13

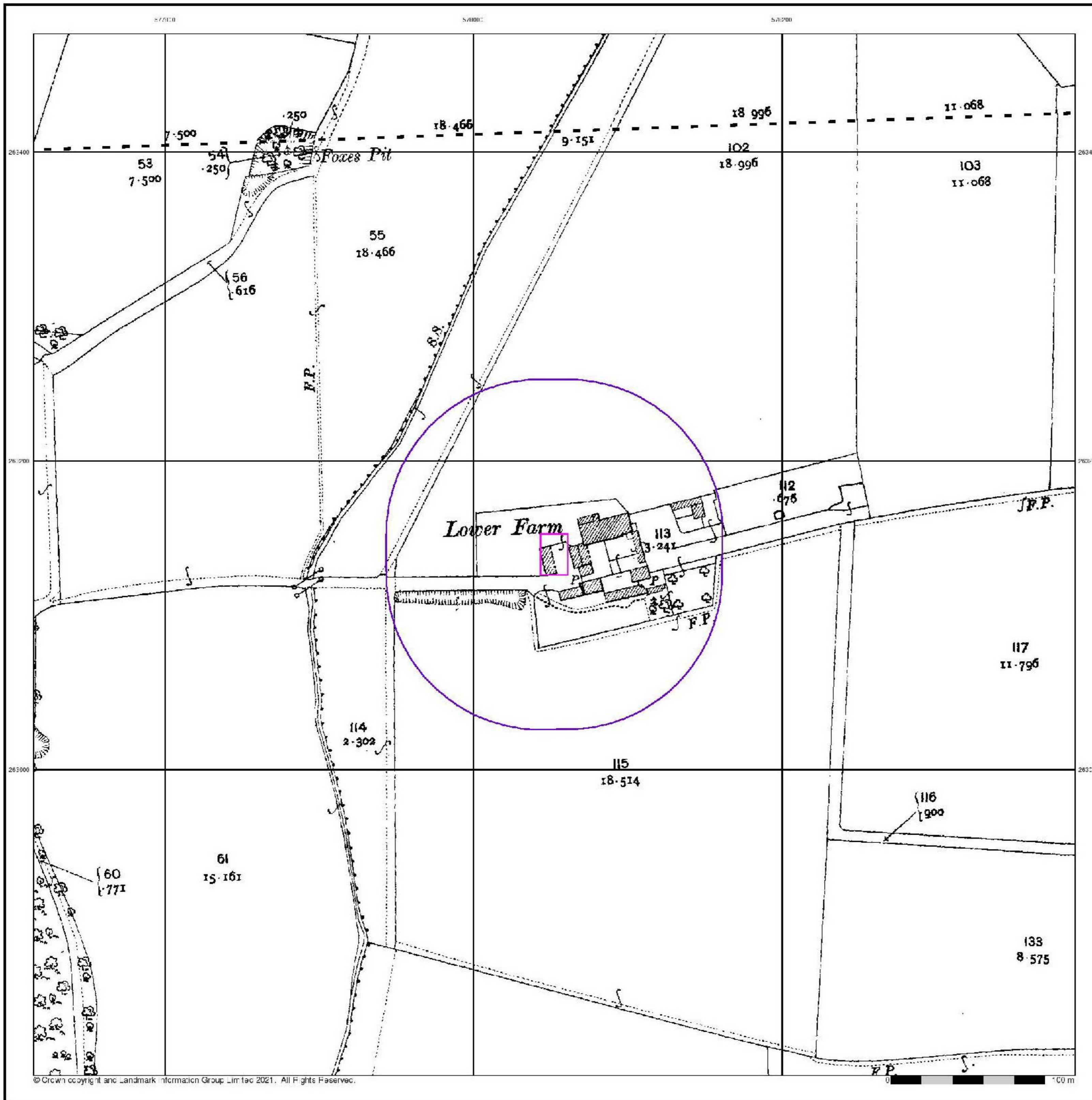


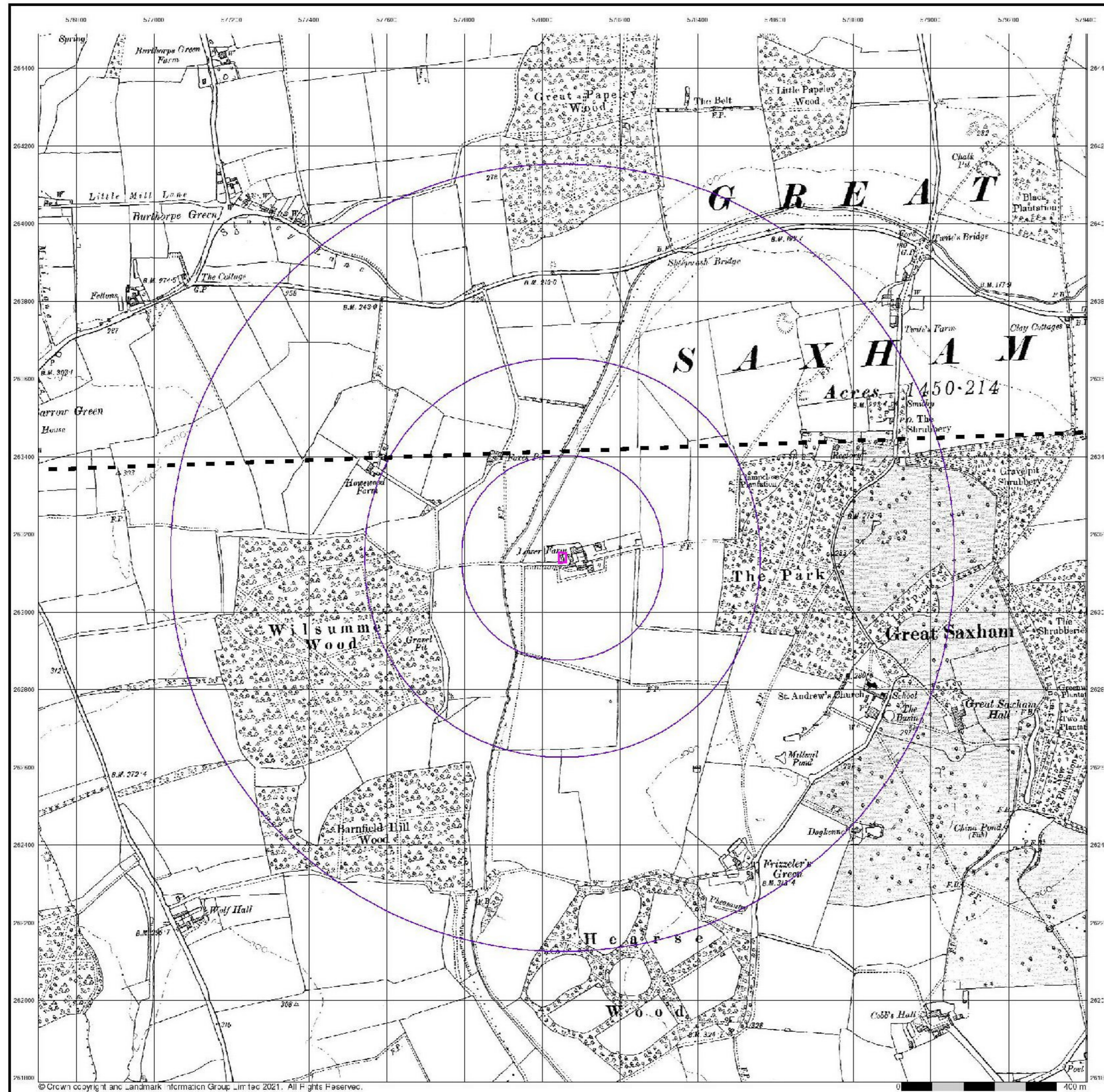
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Suffolk

Published 1905

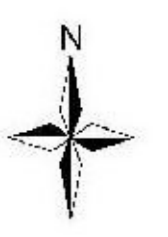
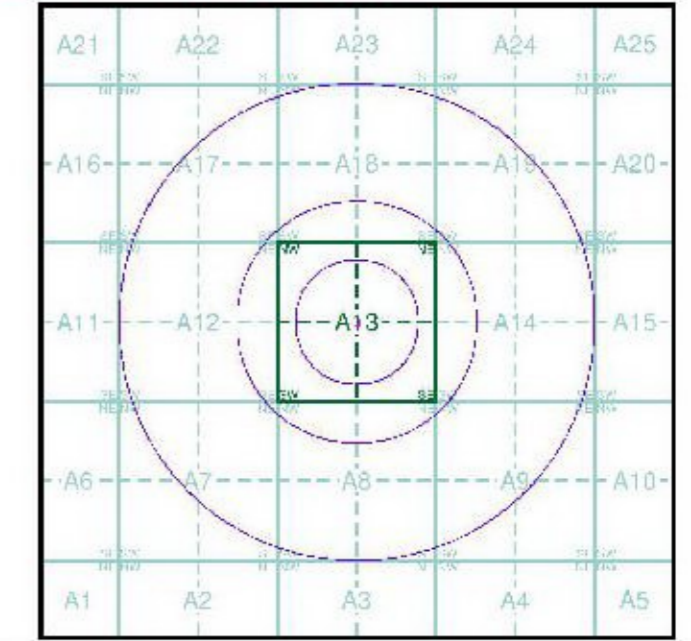
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Map Name(s) and Date(s)

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043SE	1905	1:10,560

Historical Map - Slice A



Order Details

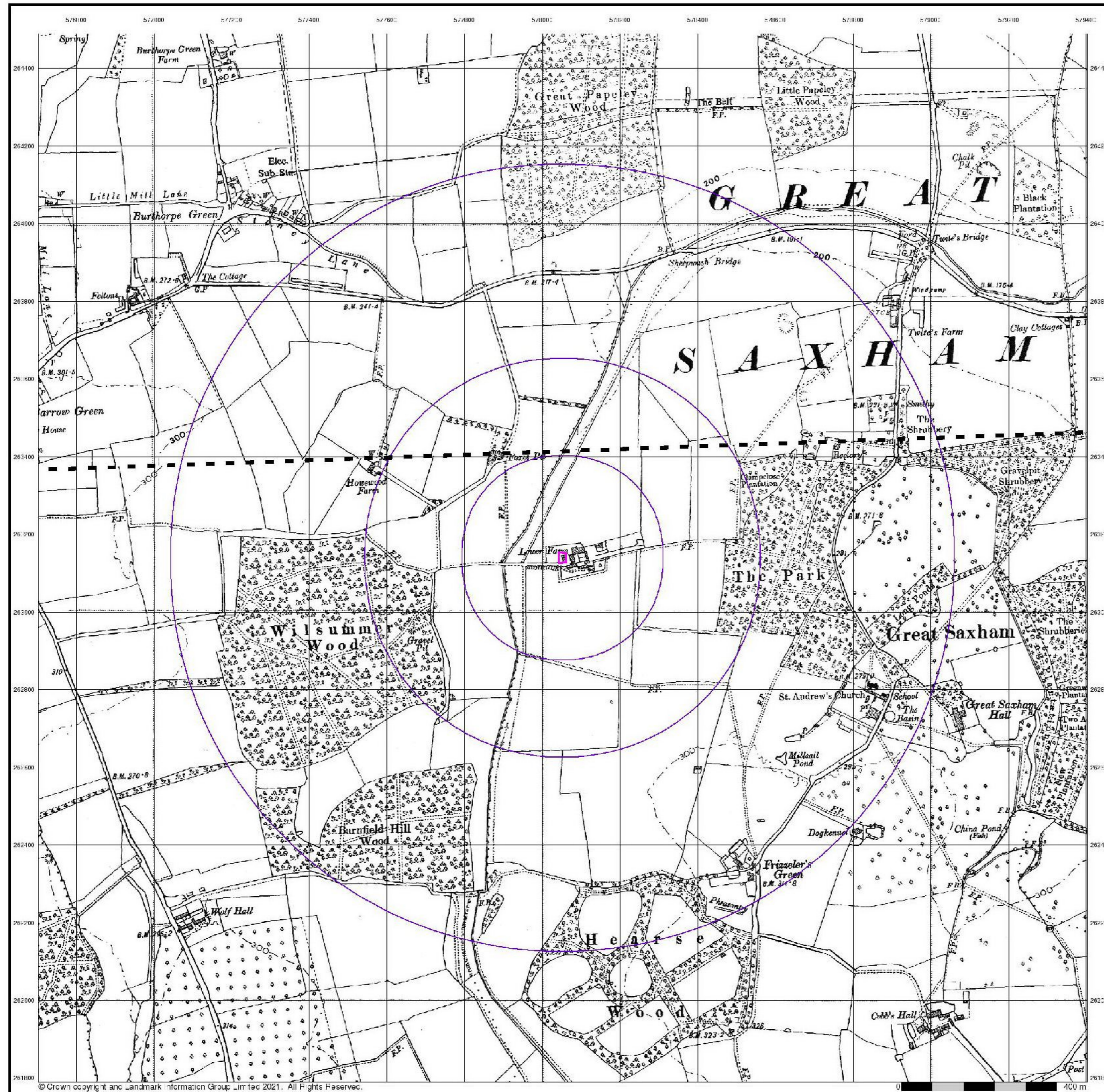
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 Search Buffer (m): 1000

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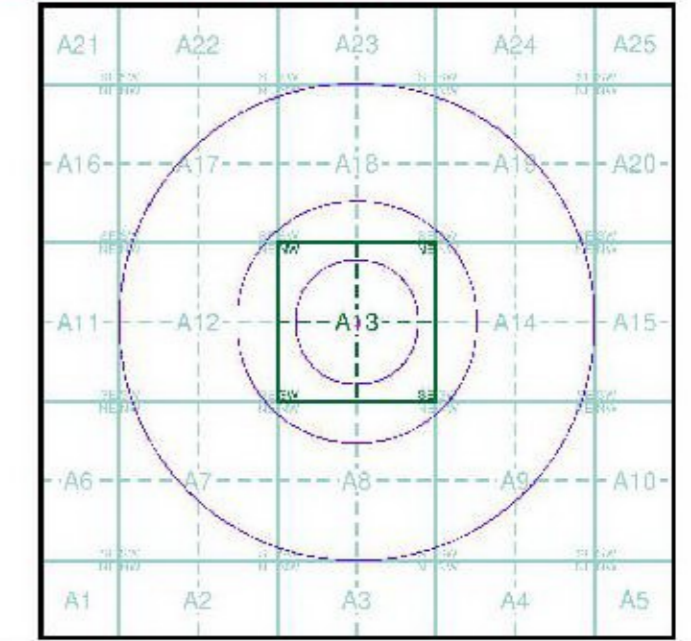
Suffolk
Published 1952
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Map Name(s) and Date(s)

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043SE	1952	1:10,560

Historical Map - Slice A



Order Details

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 Customer Ref: P0163
 National Grid Reference: 578050, 263140
 Slice: A
 Site Area (Ha): 0.05
 Search Buffer (m): 1000

Site Details

The Cartledge, Lower Farm, Great Saxham, BURY ST. EDMUNDS, IP29 5JT

Ordnance Survey Plan

Published 1979 - 1981

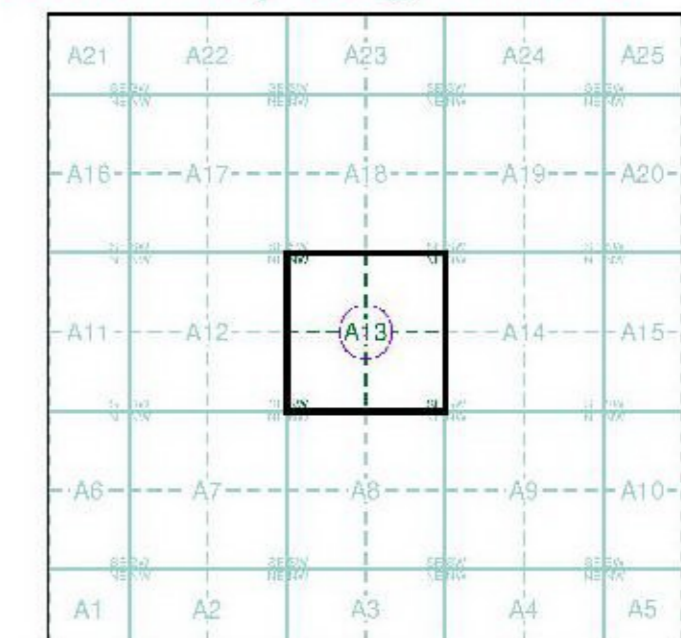
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Map Name(s) and Date(s)

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Historical Map - Segment A13

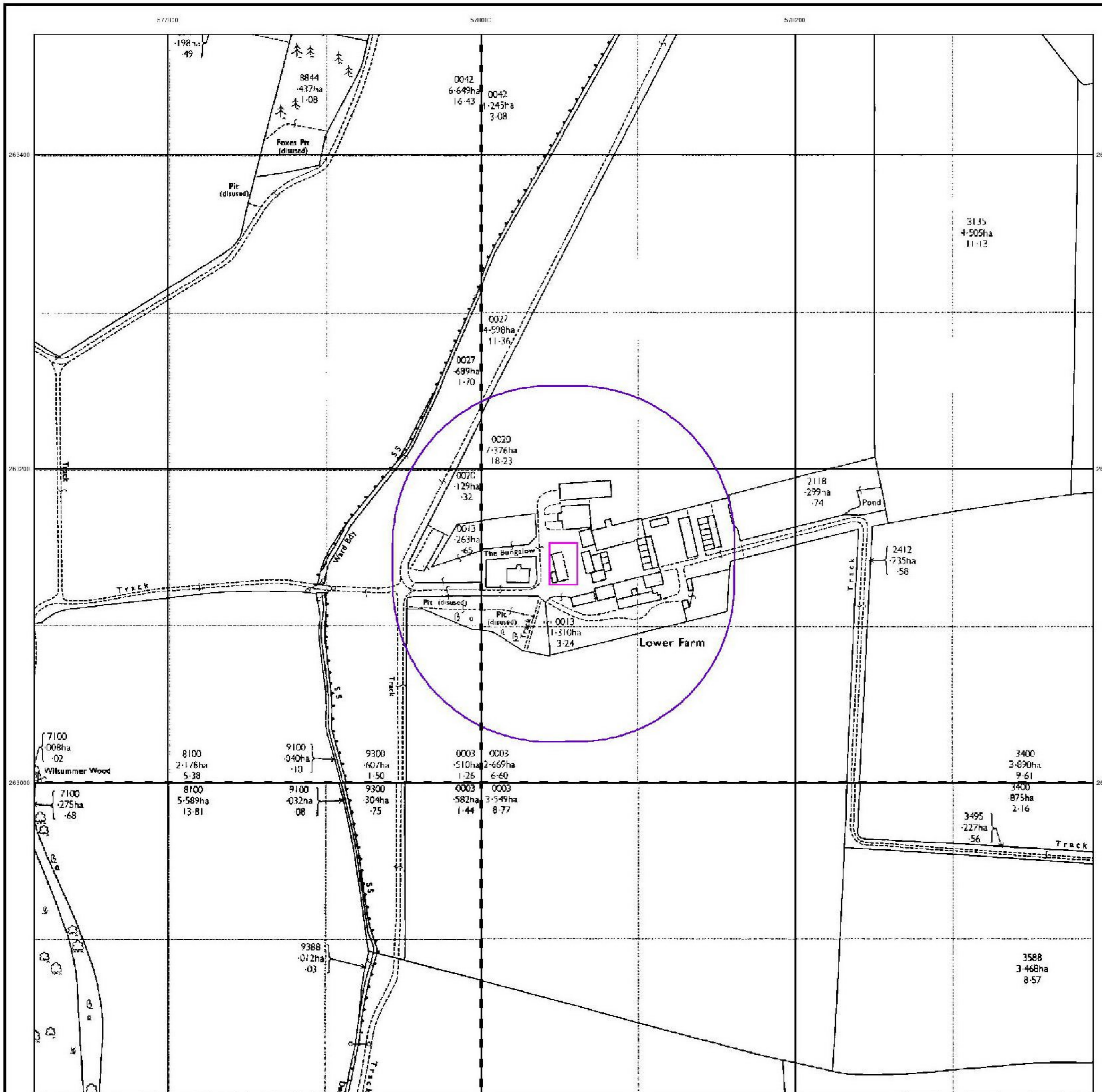


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Site Details

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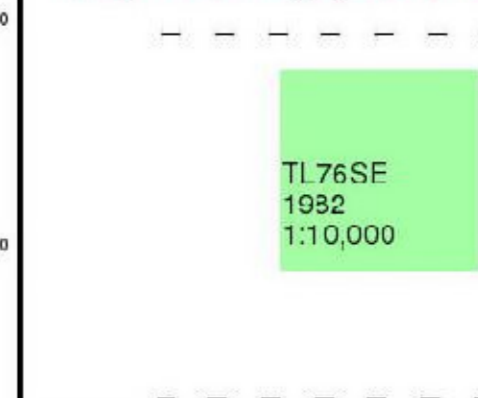
Ordnance Survey Plan

Published 1982

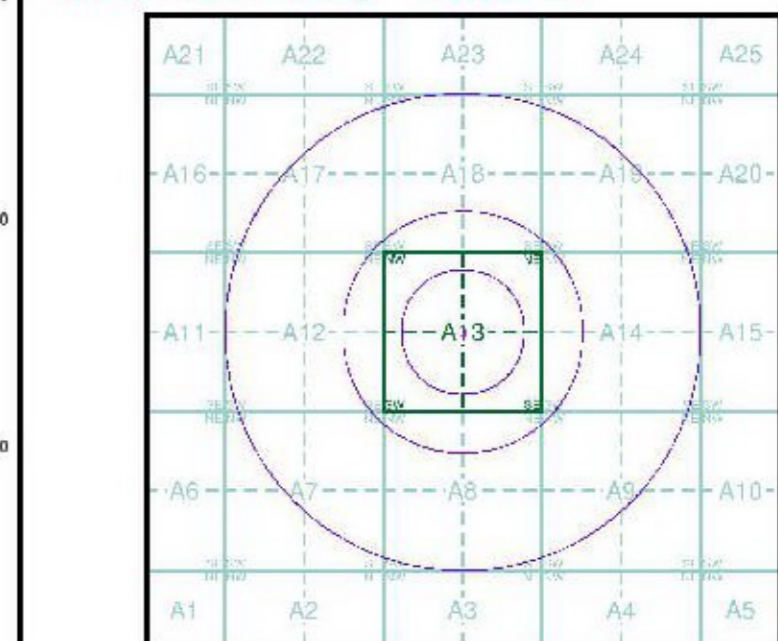
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Map Name(s) and Date(s)



Historical Map - Slice A

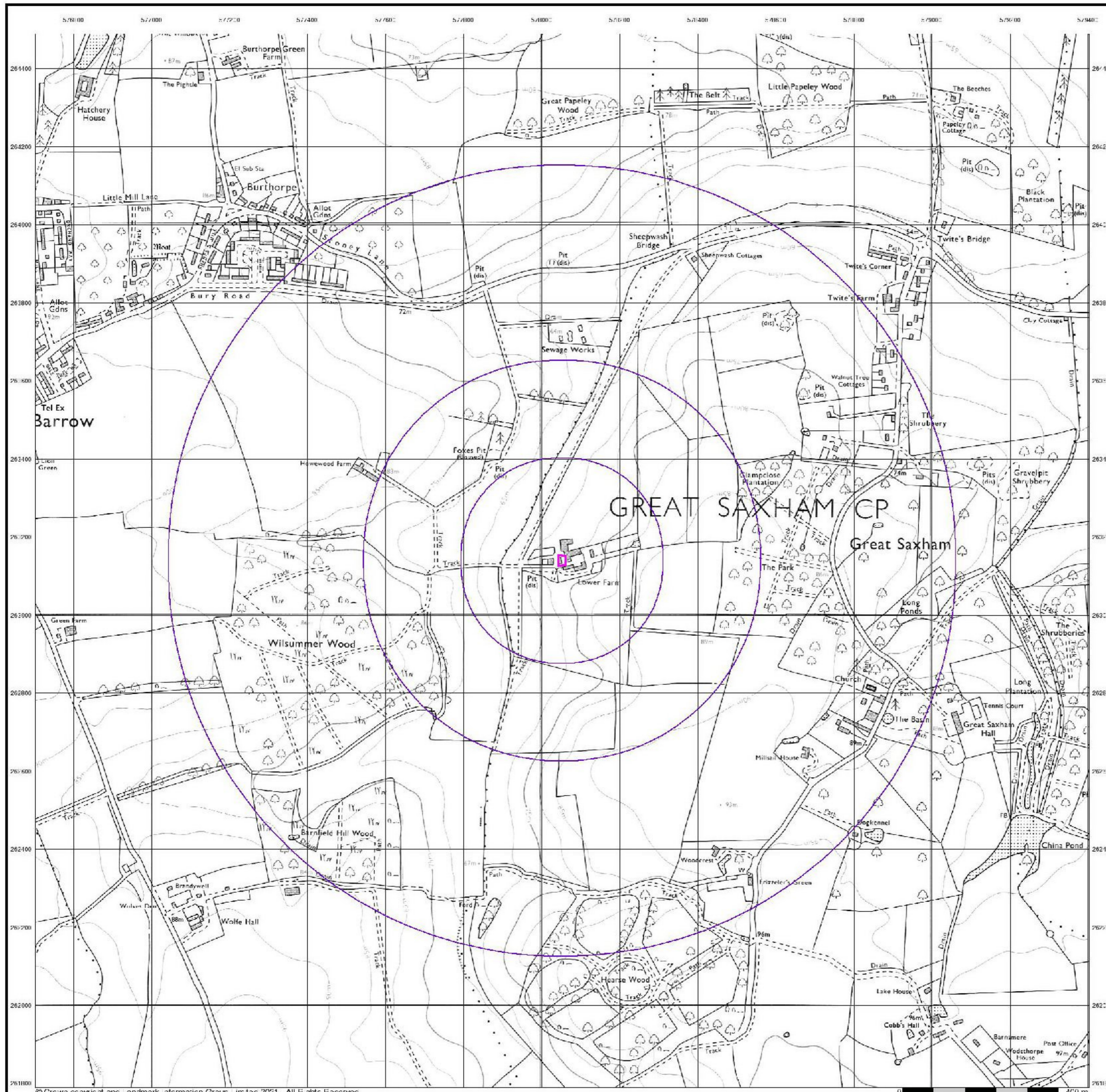


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 Slice: A
 Site Area (Ha): 0.05
 Search Buffer (m): 1000

Site Details

The Cartledge, Lower Farm, Great Saxham, BURY ST. EDMUNDS, IP29 5JT



Large-Scale National Grid Data

Published 1994

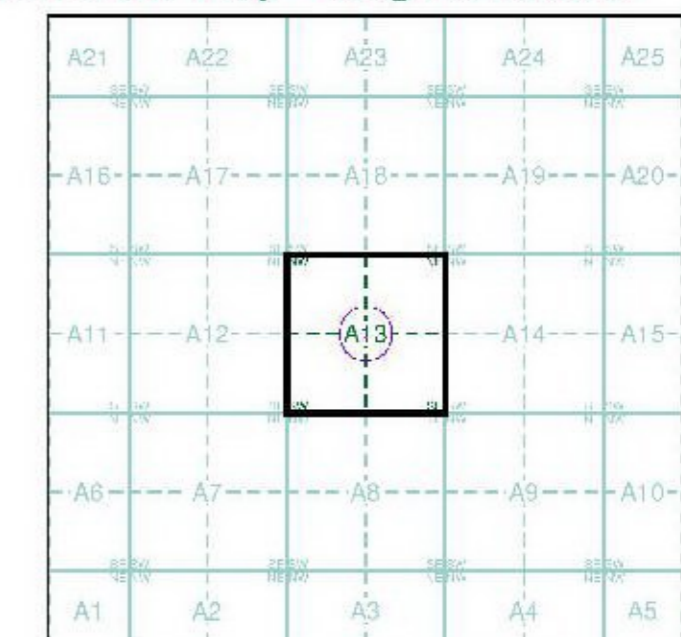
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

TL7763 1994 1:2,500	TL7863 1994 1:2,500
TL7762 1994 1:2,500	TL7862 1994 1:2,500

Historical Map - Segment A13

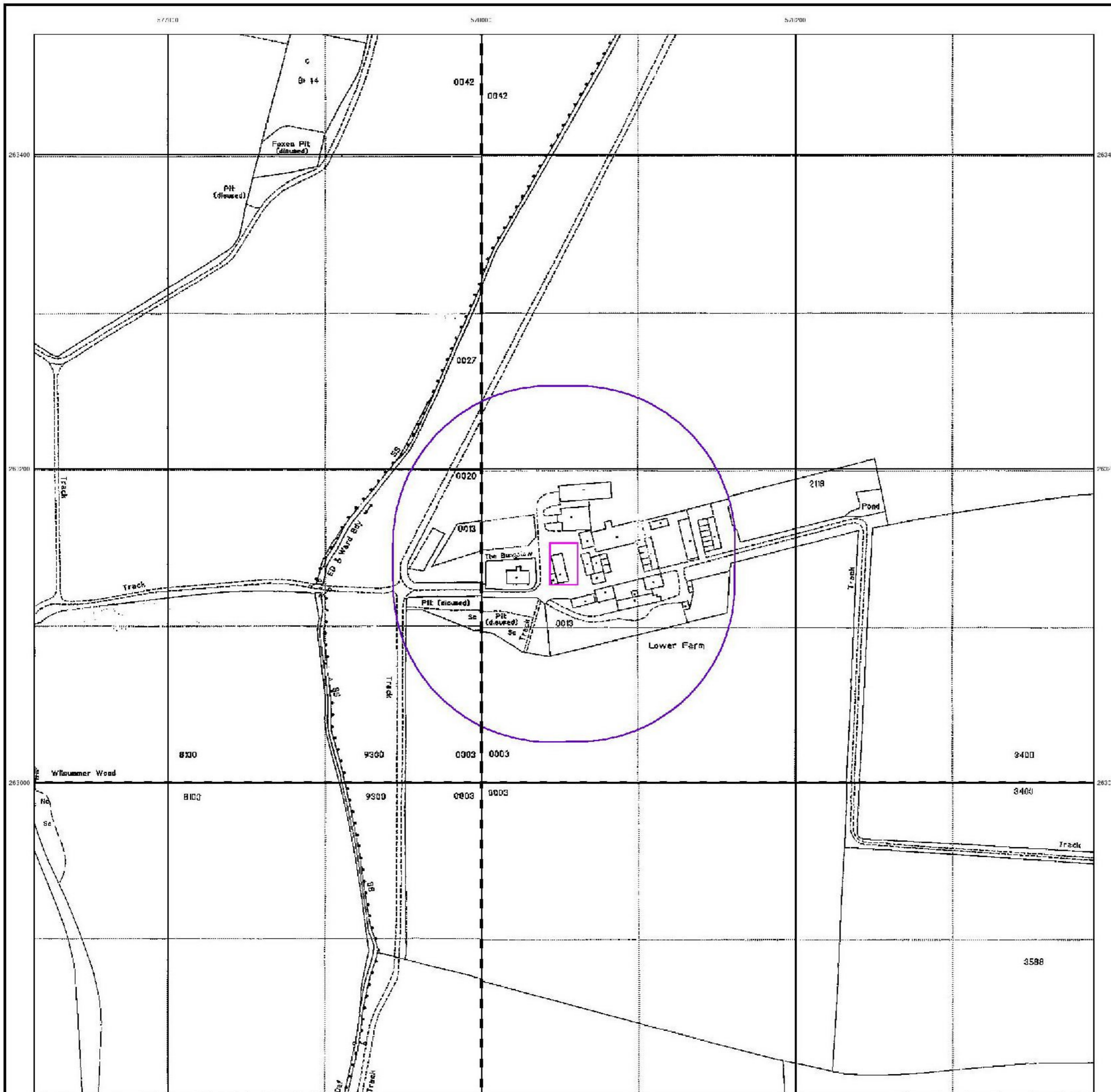


Order Details

Order Number: 277698518_1_1
 Customer Ref: P0163
 National Grid Reference: 578050, 263140
 Slice: A
 Site Area (Ha): 0.05
 Search Buffer (m): 100

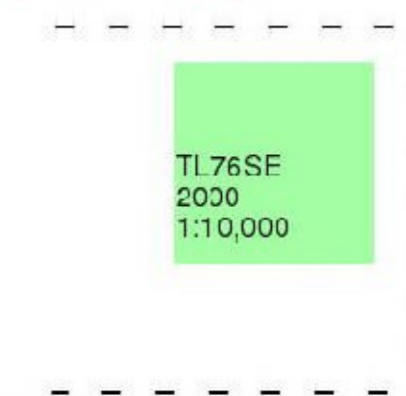
Site Details

The Cartlodge, Lower Farm, Great Saxham, BURY ST.
 EDMUNDS, IP29 5JT

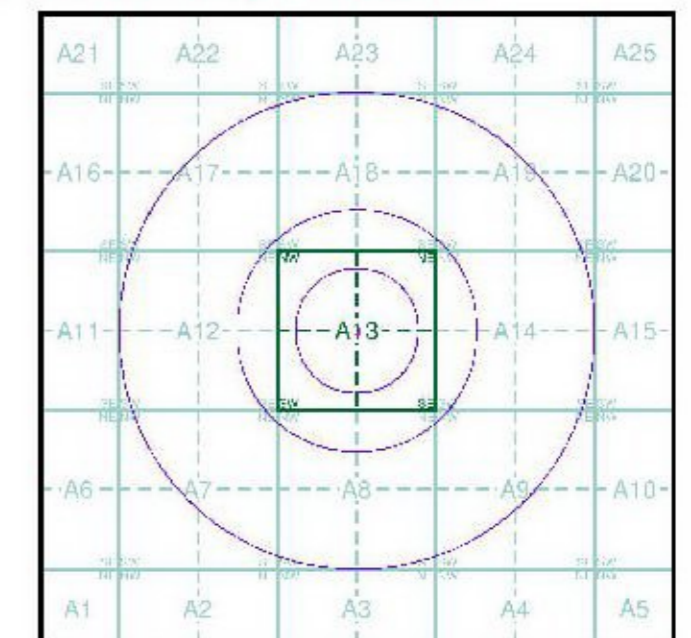


The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)



Historical Map - Slice A



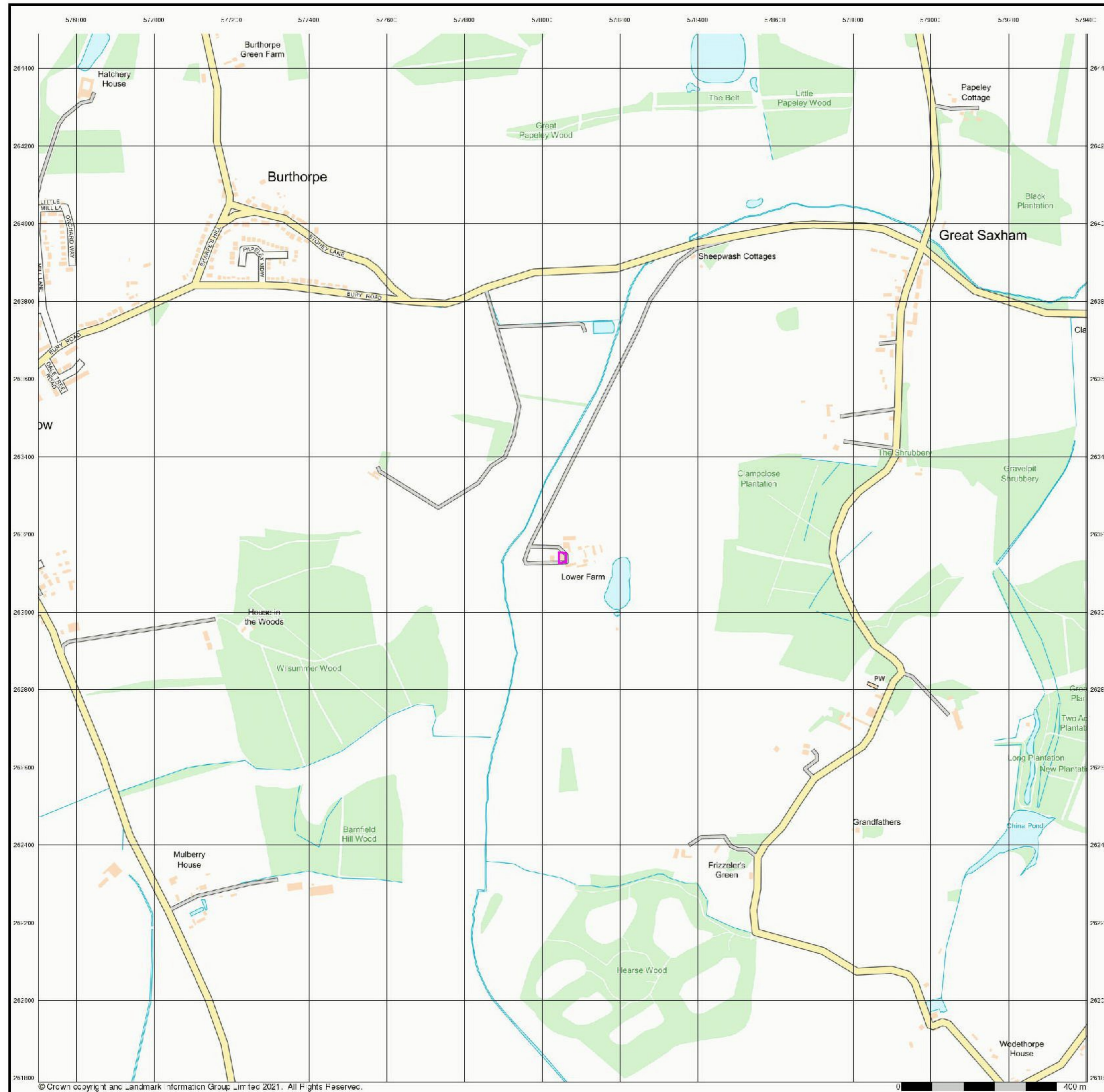
Order Details

Order Number: 277698518_1_1
 Customer Ref: P0163
 National Grid Reference: 578050, 263140
 Slice: A
 Site Area (Ha): 0.05
 Search Buffer (m): 1000

Site Details

The Cartlodge, Lower Farm, Great Saxham, BURY ST. EDMUNDS, IP29 5JT





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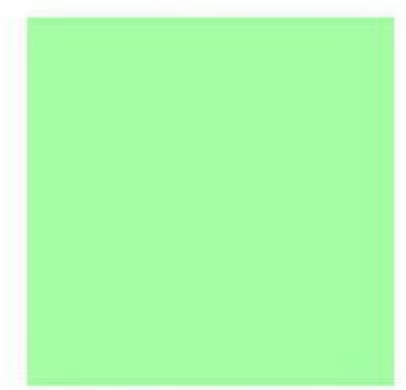
Envirocheck®

LANDMARK INFORMATION GROUP®

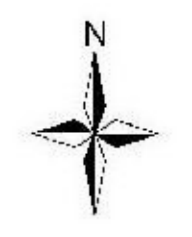
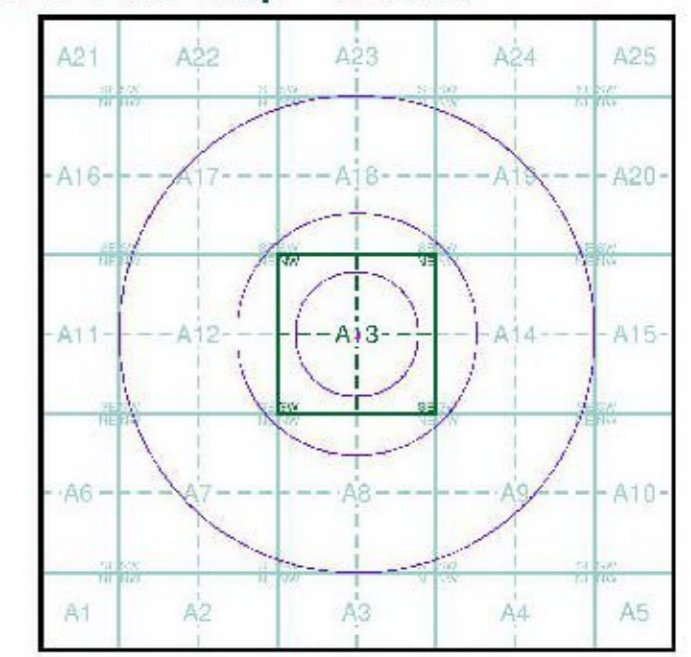
Street View
Published 2021
Source map scale - 1:10,000

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: 277698518_1_1
 Customer Ref: P0163
 National Grid Reference: 578050, 263140
 Slice: A
 Site Area (Ha): 0.05
 Search Buffer (m): 1000

Site Details
 The Cartlodge, Lower Farm, Great Saxham, BURY ST. EDMUNDS, IP29 5JT

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

Appendix E
Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

277698518_1_1

Customer Reference:

P0163

National Grid Reference:

578050, 263140

Slice:

A

Site Area (Ha):

0.05

Search Buffer (m):

1000

Site Details:

The Cartlodge

Lower Farm

Great Saxham

BURY ST. EDMUNDS

IP29 5JT

Client Details:

Mrs S Slaven

Sue Slaven

33 Windmill Close

Great Cornard

SUDBURY

Suffolk

CO10 0FL

Prepared For:

Mr William Phizacklea

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	17
Hazardous Substances	-
Geological	18
Industrial Land Use	21
Sensitive Land Use	22
Data Currency	23
Data Suppliers	28
Useful Contacts	29

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes			n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				20
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 5		Yes		
Pollution Incidents to Controlled Waters	pg 6			1	3
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 6				4 (*17)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 12	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 12	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones	pg 12	2			1
Extreme Flooding from Rivers or Sea without Defences	pg 12		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 12		Yes	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 12		1	3	32

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 17		1		
Local Authority Landfill Coverage	pg 17	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	pg 17		1		
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 18	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 18		1	6	4
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	pg 20	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 20		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 20	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 20		Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 20		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 20		Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 21		1		1
Fuel Station Entries					
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 22			2	3
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 22	2			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (SW)	0	1	578052 263139
1	Discharge Consents Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 7 Effective Date: 26th February 2015 Issued Date: 26th February 2015 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18SE (N)	582	2	578190 263720
1	Discharge Consents Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 6 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 25th February 2015 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18SE (N)	582	2	578190 263720
1	Discharge Consents Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 5 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A18SE (N)	582	2	578190 263720
1	Discharge Consents Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 4 Effective Date: 23rd June 2006 Issued Date: 23rd June 2006 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A18SE (N)	582	2	578190 263720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 3 Effective Date: 1st April 2003 Issued Date: 27th June 1995 Revocation Date: 22nd June 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	582	2	578190 263720
1	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 2 Effective Date: 27th June 1995 Issued Date: 27th June 1995 Revocation Date: 31st March 2003 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	582	2	578190 263720
1	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 1 Effective Date: 19th March 1991 Issued Date: 19th March 1991 Revocation Date: 26th June 1995 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	582	2	578190 263720
1	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Aw1nf819 Permit Version: 2 Effective Date: 12th May 1982 Issued Date: 14th May 1982 Revocation Date: 18th March 1991 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Brook River Lark Nt Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	582	2	578190 263720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Aw1nf819 Permit Version: 1 Effective Date: 11th July 1969 Issued Date: 11th July 1969 Revocation Date: 11th May 1982 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Brook River Lark Nt Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	582	2	578190 263720
2	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 7 Effective Date: 26th February 2015 Issued Date: 26th February 2015 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	588	2	578030 263740
2	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 6 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 25th February 2015 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	588	2	578030 263740
2	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 5 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	588	2	578030 263740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 4 Effective Date: 23rd June 2006 Issued Date: 23rd June 2006 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	588	2	578030 263740
2	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 3 Effective Date: 1st April 2003 Issued Date: 27th June 1995 Revocation Date: 22nd June 2006 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	588	2	578030 263740
2	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 2 Effective Date: 27th June 1995 Issued Date: 27th June 1995 Revocation Date: 31st March 2003 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	588	2	578030 263740
2	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Ltd. Property Type: Sewage Disposal Works - Water Company Location: Barrow Stw Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 2 Effective Date: 27th June 1995 Issued Date: 27th June 1995 Revocation Date: Not Supplied Discharge Type: Storm /emergency overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	588	2	578030 263740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barrow Water Recycling Centre Barrow Road, Great Saxham, Bury St. Edmunds, Suffolk, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Ascfn10281 Permit Version: 1 Effective Date: 19th March 1991 Issued Date: 19th March 1991 Revocation Date: 26th June 1995 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Cavenham Stream River Lark Nt Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	588	2	578030 263740
2	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Sso At Barrow Stw Barrow Road, Great Saxham, Bury St. Edmunds, Ip29 5js Authority: Environment Agency, Anglian Region Catchment Area: River Lark / Cavenham Stream (Bury) Reference: Aw1nf707 Permit Version: 1 Effective Date: 14th April 1967 Issued Date: 14th April 1967 Revocation Date: 24th July 2002 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Not Supplied Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	609	2	578010 263760
3	<p>Discharge Consents</p> <p>Operator: Mr & Mrs N Steer Property Type: Domestic Property (Single) Location: Wilsummer Wood Cottage, Barrow, Suffolk, Ip29 5dx Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prcnf05427 Permit Version: 1 Effective Date: 21st March 1995 Issued Date: 21st March 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamded Ditch Tributary Caven Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A12SW (W)	843	2	577210 263000
4	<p>Discharge Consents</p> <p>Operator: Saxham Hall Estate Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Saxham Hall Estate Great Saxham, Bury St Edmunds, Suffolk, Ip29 5jw Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prcnf14420 Permit Version: 1 Effective Date: 16th November 2000 Issued Date: 29th November 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: A Tributary Of Cavenham Stream Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	888	2	578870 262760
	<p>Nearest Surface Water Feature</p>	A13NW (NW)	107	-	577955 263212

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Road Location: Ely District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Cavenham Stream Incident Date: 23rd March 1994 Incident Reference: 2597 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: High Flow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NW (N)	252	2	578000 263400
6	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Ely District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Tributary Of River Lark Incident Date: 25th September 1992 Incident Reference: 1837 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18SW (NW)	599	2	577800 263700
7	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Ely District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Cavenham Stream Incident Date: 25th February 1993 Incident Reference: 2068 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18SE (N)	649	2	578100 263800
8	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Ely District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Cavenham Stream Incident Date: 9th January 1992 Incident Reference: 1521 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18SE (N)	663	2	578200 263800
9	<p>Water Abstractions</p> <p>Operator: Geo E Gittus & Sons Ltd Licence Number: 6/33/37/*S/0368 Permit Version: 101 Location: Cavenham Stream At Gt Saxham Authority: Environment Agency, Anglian Region Abstraction: Trickle Irrigation 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: 3rd March 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A19NW (N)	886	2	578395 263973

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Water Abstractions Operator: Geo E Gittus & Sons Ltd Licence Number: 6/33/37/*S/0368 Permit Version: 101 Location: Cavenham Stream At Gt Saxham 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: 3rd March 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (N)	886	2	578395 263973
9	Water Abstractions Operator: Geo E Gittus & Sons Ltd Licence Number: 6/33/37/*S/0368 Permit Version: 101 Location: Cavenham Stream At Gt Saxham 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: 3rd March 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	910	2	578439 263980
9	Water Abstractions Operator: Geo E Gittus & Sons Ltd Licence Number: 6/33/37/*S/0368 Permit Version: 100 Location: Cavenham Stream At Gt Saxham 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: Temporary Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st March 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	925	2	578430 264000
	Water Abstractions Operator: Feltons (Poultry Farms) Ltd Licence Number: 6/33/37/*g/227 Permit Version: Not Supplied Location: Borehole At Feltons, BARROW Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 8 Yearly Rate (m3): 163600 Details: C Chalk 8; 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	A16SE (NW)	1312	2	576900 263795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Feltons (Orchards) Ltd Licence Number: 6/33/37/*g/271 Permit Version: Not Supplied Location: Borehole At Feltons, BARROW Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 9 Yearly Rate (m3): 181800 Details: C Chalk 8; 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>	A16SE (NW)	1314	2	576900 263800
	<p>Water Abstractions</p> <p>Operator: F M Usher-Smith Licence Number: 6/33/37/*G/0084 Permit Version: 101 Location: Borehole At Barrow, Bury St Edmunds Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st July 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A7SW (SW)	1322	2	577100 262200
	<p>Water Abstractions</p> <p>Operator: F C F Longland Licence Number: 6/33/37/*G/0084 Permit Version: 100 Location: Borehole N Of Hargrave 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: C Chalk 8; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A7SW (SW)	1322	2	577100 262200
	<p>Water Abstractions</p> <p>Operator: A.A. Burgess, Licence Number: 6/33/37/*g/001 Permit Version: Not Supplied Location: Borehole At Cobbs Hall Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 2 Yearly Rate (m3): 6820 Details: C Chalk 8; 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 100m</p>	A4NE (SE)	1570	2	578900 261800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: A.A. Burgess, Licence Number: 6/33/37/*g/001 Permit Version: Not Supplied Location: Borehole At Cobbs Hall Authority: Environment Agency, Anglian Region Abstraction: Domestic & Agriculture Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 1 Yearly Rate (m3): 6820 Details: C Chalk 8; 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 100m	A4NE (SE)	1574	2	578900 261795
	Water Abstractions Operator: A.A. Burgess, Licence Number: 6/33/37/*g/001 Permit Version: Not Supplied Location: Borehole At Cobbs Hall Authority: Environment Agency, Anglian Region Abstraction: Unspecified Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 2 Yearly Rate (m3): 6820 Details: C Chalk 8; 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 100m	A4NE (SE)	1577	2	578905 261795
	Water Abstractions Operator: M M P Macrae Licence Number: 6/33/37/*G/0185 Permit Version: 100 Location: Borehole Ne Of Barrow Authority: Environment Agency, Anglian Region Abstraction: Aquaculture: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: C Chalk 8; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1660	2	576710 264140
	Water Abstractions Operator: M M P Macrae Licence Number: 6/33/37/*G/0085 Permit Version: 100 Location: Springs At Burthorpe Green 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: C Chalk 8; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st May 1969 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (NW)	1909	2	576410 264140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: G Robertson Licence Number: 6/33/37/*G/0090 Permit Version: 100 Location: Well N Of Chevington 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: C Chalk 8; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(S)	1941	2	578300 261200
	<p>Water Abstractions</p> <p>Operator: R V Simpson And Sons Licence Number: 6/33/37/*g/079 Permit Version: Not Supplied Location: Borehole At Denham Thicks, DENHAM Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 8 Yearly Rate (m3): 35450 Details: C Chalk 8; 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>	A1NW (SW)	1972	2	576500 261900
	<p>Water Abstractions</p> <p>Operator: Feltons (Poultry Farms) Ltd Licence Number: 6/33/37/*g/223 Permit Version: Not Supplied Location: Borehole At Three Horseshoes, BARROW Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 9 Yearly Rate (m3): 227270 Details: C Chalk 8; 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>	(W)	1980	2	576175 263805
	<p>Water Abstractions</p> <p>Operator: Feltons Poultry Farms Ltd Licence Number: 6/33/37/*g/002 Permit Version: Not Supplied Location: Borehole North West Of, BARROW Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 20 Yearly Rate (m3): 227270 Details: C Chalk 8; 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>	(W)	1981	2	576175 263810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Feltons (Poultry Farms) Ltd Licence Number: 6/33/37/*g/194 Permit Version: Not Supplied Location: Borehole North West Of, BARROW Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 9 Yearly Rate (m3): 227270 Details: C Chalk 8; 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>	(W)	1983	2	576175 263815
	<p>Water Abstractions</p> <p>Operator: Feltons Ltd Licence Number: 6/33/37/*g/258 Permit Version: Not Supplied Location: Borehole At Three Horseshoes, BARROW Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 9 Yearly Rate (m3): 227000 Details: C Chalk 8; 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>	(W)	1984	2	576170 263805
	<p>Water Abstractions</p> <p>Operator: Feltons Orchards Ltd Licence Number: 6/33/37/*G/0341 Permit Version: 100 Location: Borehole At Barrow 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: C Chalk 8; Status: Temporary Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st June 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(W)	1986	2	576170 263810
	<p>Water Abstractions</p> <p>Operator: Feltons (Poultry Farms) Ltd Licence Number: 6/33/37/*g/167 Permit Version: Not Supplied Location: Borehole North West Of, BARROW Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 9 Yearly Rate (m3): 227270 Details: C Chalk 8; 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>	(W)	1988	2	576170 263815

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: Low	A13NE (SW)	0	3	578052 263139
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	A13NE (SW)	0	3	578052 263139
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NE (SW)	0	3	578052 263139
	Superficial Aquifer Designations No Data Available				
10	Source Protection Zones 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.	A13NE (SW)	0	2	578052 263139
11	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A13NE (SW)	0	2	578052 263139
12	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A18NE (N)	973	2	578060 264125
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	82	2	577985 263210
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	85	2	577970 263195
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1162.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A13NW (NW)	108	4	577955 263214

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1123.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A8NW (S)	478	4	577882 262676
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A8NW (S)	478	4	577882 262676
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 320.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A8NW (S)	480	4	577883 262674
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 364.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A18SW (N)	591	4	578030 263743
18	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A14NW (E)	611	4	578672 263173
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A14NW (E)	615	4	578675 263182
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 288.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A18SE (N)	615	4	578203 263751
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A14NW (E)	629	4	578685 263225
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A14NW (E)	631	4	578687 263230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A14SW (E)	637	4	578687 263008
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 194.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A14NW (NE)	654	4	578668 263396
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A18SW (N)	656	4	577873 263786
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A14SW (E)	657	4	578706 263001
27	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 21.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A14NW (E)	665	4	578707 263309
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A18SW (N)	665	4	577871 263794
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A14NW (E)	682	4	578720 263326
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A14SE (E)	693	4	578753 263109
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 282.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A18SW (N)	693	4	577788 263796

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A14SE (E)	700	4	578760 263121
33	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A14SE (E)	750	4	578796 262976
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 616.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A8SW (S)	784	4	577921 262352
35	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 29.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A14NE (E)	791	4	578850 263206
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1104.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A8SW (S)	792	4	577854 262357
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 311.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A17SE (NW)	797	4	577580 263801
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 142.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	A7NE (SW)	825	4	577483 262521
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 254.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A18NE (N)	862	4	578380 263953
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A18NE (N)	862	4	578380 263953

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A7NW (SW)	881	4	577376 262552
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A7SE (SW)	917	4	577640 262303
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A9SW (SE)	938	4	578423 262261
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 163.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A9SW (SE)	944	4	578426 262256
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A7SE (SW)	958	4	577427 262393
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A7SE (SW)	959	4	577425 262394
47	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 9.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A7SW (SW)	969	4	577365 262435
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 165.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A7SE (SW)	986	4	577485 262314

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	Licensed Waste Management Facilities (Locations) Licence Number: 75006 Location: Lower Farm, Great Saxham, Bury St Edmunds, Suffolk, IP29 5JT Operator Name: Phizacklea W J Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Central Area Site Category: Incinerators Licence Status: Revoked Issued: 19th April 1999 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: 1st July 2014 Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	47	2	578100 263100
	Local Authority Landfill Coverage Name: Suffolk County Council - Has supplied landfill data		0	5	578052 263139
	Local Authority Landfill Coverage Name: St Edmundsbury Borough Council - Has supplied landfill data		0	6	578052 263139
50	Registered Waste Treatment or Disposal Sites Licence Holder: W Phizacklea Licence Reference: EAWML75006 Site Location: Lower Farm, Great Saxham, BURY ST EDMUNDS, Suffolk, IP29 5JT Operator Location: Lower Farm, Great Saxham, BURY ST EDMUNDS, Suffolk, IP29 5JT Authority: Environment Agency - Anglian Region, Central Area Site Category: Incineration Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 19th April 1999 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Dead Domestic Pets & Equine Deer Offal Max.Storage In Licence Max.Waste Permitted By Licence Prohibited Waste: Animals Suspected/Died Of Anthrax/Other Transmissible Disease Clinical Wastes Offal (Except Deer Offal) Spec.Waste (Epa'90:S62/1996 Regs) Waste N.O.S.	A13SE (SE)	47	2	578100 263100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: White Chalk Subgroup	A13NE (SW)	0	1	578052 263139
51	BGS Recorded Mineral Sites Site Name: Lower Farm Chalk Pit Location: Great Saxham, Bury St Edmunds, Suffolk Source: British Geological Survey, National Geoscience Information Service Reference: 167878 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	48	1	577998 263111
52	BGS Recorded Mineral Sites Site Name: Foxes Pit Location: Burthorpe, Barrow, Bury St Edmunds, Suffolk Source: British Geological Survey, National Geoscience Information Service Reference: 167880 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Anglian Geology: Lowestoft Formation Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	311	1	577875 263413
52	BGS Recorded Mineral Sites Site Name: Foxes Pit Location: Burthorpe, Barrow, Bury St Edmunds, Suffolk Source: British Geological Survey, National Geoscience Information Service Reference: 167880 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	311	1	577875 263413
53	BGS Recorded Mineral Sites Site Name: Wilsummer Wood Gravel Pit Location: Barrow, Bury St Edmunds, Suffolk Source: British Geological Survey, National Geoscience Information Service Reference: 167881 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Anglian Geology: Lowestoft Formation Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	394	1	577680 262974
54	BGS Recorded Mineral Sites Site Name: Wilsummer Wood Brick Pit Location: Barrow, Bury St Edmunds, Suffolk Source: British Geological Survey, National Geoscience Information Service Reference: 167882 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Anglian Geology: Lowestoft Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	443	1	577764 262783

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Howewood Farm Clay Pit Location: Barrow, Bury St Edmunds, Suffolk Source: British Geological Survey, National Geoscience Information Service Reference: 167883 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Anglian Geology: Lowestoft Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A13NW (NW)	452	1	577716 263464
56	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Howewood Farm Chalk Pit Location: Burthorpe, Barrow, Bury St Edmunds, Suffolk Source: British Geological Survey, National Geoscience Information Service Reference: 167879 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	483	1	577896 263612
57	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Sheepwash Bridge Pit Location: Great Saxham, Bury St Edmunds, Suffolk Source: British Geological Survey, National Geoscience Information Service Reference: 213661 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Lowestoft Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	721	1	577840 263844
58	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Walnut Tree Cottages Pit Location: Great Saxham, Bury St Edmunds, Suffolk Source: British Geological Survey, National Geoscience Information Service Reference: 213662 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Lowestoft Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	738	1	578675 263561
59	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Great Papeley Chalk Pit Location: Burthorpe, Barrow, Bury St Edmunds, Suffolk Source: British Geological Survey, National Geoscience Information Service Reference: 167873 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	744	1	578027 263896
60	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Twite'S Farm Chalk Pit Location: Twites Corner, Great Saxham, Bury St Edmunds, Suffolk Source: British Geological Survey, National Geoscience Information Service Reference: 167872 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	821	1	578620 263754

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	578052 263139
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	578052 263139
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	100	1	577954 263197
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	578052 263139
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	100	1	577954 263197
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	578052 263139
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	46	1	578067 263081
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	578052 263139
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	28	1	578014 263151
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	109	1	578103 263026
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	578052 263139
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	28	1	578014 263151
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	100	1	577954 263197
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	578052 263139
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	28	1	578014 263151
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	46	1	578067 263081
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	228	1	577816 263120
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	578052 263139
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	578052 263139

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	<p>Contemporary Trade Directory Entries</p> <p>Name: Suffolk Pet Crematorium Location: Lower Farm, Barrow Road, Great Saxham, Bury St. Edmunds, IP29 5JT Classification: Pet Cemeteries & Crematoria Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	43	-	578103 263118
62	<p>Contemporary Trade Directory Entries</p> <p>Name: N K & J Steer Sprays & Spreaders Location: House in the Woods, Barrow Hill, Barrow, Bury St. Edmunds, Suffolk, IP29 5DX Classification: Oil Fuel Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	828	-	577233 262957

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	Ancient Woodland Name: Wilsummer Wood Reference: 1116779 Area(m ²): 234156.12 Type: Ancient and Semi-Natural Woodland	A12SE (W)	353	7	577710 263012
64	Ancient Woodland Name: The Park Reference: 1122645 Area(m ²): 141898.07 Type: Ancient and Semi-Natural Woodland	A14SW (E)	405	7	578466 263123
65	Ancient Woodland Name: Not Supplied Reference: 1411461 Area(m ²): 8175.91 Type: Ancient and Semi-Natural Woodland	A7NE (SW)	691	7	577621 262579
66	Ancient Woodland Name: Not Supplied Reference: 1411460 Area(m ²): 39705.42 Type: Ancient and Semi-Natural Woodland	A7NE (SW)	703	7	577604 262578
67	Ancient Woodland Name: Hearse Wood Reference: 1116782 Area(m ²): 139713.81 Type: Ancient and Semi-Natural Woodland	A8SE (S)	830	7	578080 262297
68	Nitrate Vulnerable Zones Name: Ely Ouse And Cut-Off Channel Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NE (SW)	0	3	578052 263139
69	Nitrate Vulnerable Zones Name: Anglian Chalk Description: Groundwater Source: Environment Agency, Head Office	A13NE (SW)	0	3	578052 263139

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Forest Heath District Council (now part of West Suffolk Council) - Environmental Health Department Environment Agency - Head Office St Edmundsbury Borough Council (now part of West Suffolk Council) - Environmental Health & Housing Services West Suffolk Council East Cambridgeshire District Council - Environmental Health Department	August 2013 June 2020 March 2014 March 2014 March 2015	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	January 2021	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - Anglian Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	January 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control Forest Heath District Council (now part of West Suffolk Council) - Environmental Health Department St Edmundsbury Borough Council (now part of West Suffolk Council) - Environmental Health & Housing Services West Suffolk Council East Cambridgeshire District Council - Environmental Health Department	August 2015 August 2015 August 2015 October 2014	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Forest Heath District Council (now part of West Suffolk Council) - Environmental Health Department St Edmundsbury Borough Council (now part of West Suffolk Council) - Environmental Health & Housing Services West Suffolk Council East Cambridgeshire District Council - Environmental Health Department	August 2015 August 2015 August 2015 October 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Forest Heath District Council (now part of West Suffolk Council) - Environmental Health Department St Edmundsbury Borough Council (now part of West Suffolk Council) - Environmental Health & Housing Services East Cambridgeshire District Council - Environmental Health Department	August 2015 August 2015 October 2014	Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	January 2021	
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - Anglian Region	June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Central Area	January 2021	Quarterly

Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - Anglian Region	January 2021	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	March 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	March 2021	Quarterly
Flood Defences Environment Agency - Head Office	March 2021	Quarterly
OS Water Network Lines Ordnance Survey	September 2020	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Central Area	January 2021	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Central Area	January 2021	Quarterly
Local Authority Landfill Coverage East Cambridgeshire District Council - Environmental Health Department Cambridgeshire County Council Forest Heath District Council (now part of West Suffolk Council) - Environmental Health Department St Edmundsbury Borough Council (now part of West Suffolk Council) - Environmental Health & Housing Services Suffolk County Council West Suffolk Council	April 2007 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Forest Heath District Council (now part of West Suffolk Council) - Environmental Health Department West Suffolk Council East Cambridgeshire District Council - Environmental Health Department Cambridgeshire County Council St Edmundsbury Borough Council (now part of West Suffolk Council) - Environmental Health & Housing Services Suffolk County Council	April 2006 April 2006 April 2007 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - Anglian Region - Central Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Central Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Central Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Suffolk County Council - Environment and Transport Cambridgeshire County Council East Cambridgeshire District Council - Planning Department Forest Heath District Council (now part of West Suffolk Council) St Edmundsbury Borough Council (now part of West Suffolk Council) - Planning Department West Suffolk Council	February 2006 February 2016 February 2016 February 2016 June 2016 June 2016	Annual Rolling Update Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Suffolk County Council - Environment and Transport Cambridgeshire County Council East Cambridgeshire District Council - Planning Department Forest Heath District Council (now part of West Suffolk Council) St Edmundsbury Borough Council (now part of West Suffolk Council) - Planning Department West Suffolk Council	February 2006 February 2016 February 2016 February 2016 February 2016 February 2016	Annual Rolling Update Variable Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2020	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2021	Quarterly
Gas Pipelines National Grid	January 2021	
Underground Electrical Cables National Grid	April 2021	
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt East Cambridgeshire District Council - Planning Department Forest Heath District Council (now part of West Suffolk Council) St Edmundsbury Borough Council (now part of West Suffolk Council) West Suffolk Council	June 2020 June 2020 June 2020 June 2020	As notified As notified As notified As notified
Areas of Unadopted Green Belt East Cambridgeshire District Council - Planning Department Forest Heath District Council (now part of West Suffolk Council) St Edmundsbury Borough Council (now part of West Suffolk Council) West Suffolk Council	June 2020 June 2020 June 2020 June 2020	As notified As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Suffolk County Council St Edmund House, County Hall, Ipswich, Suffolk, IP4 1LZ	Telephone: 01473 583000 Fax: 01473 230240 Website: www.suffolkcc.gov.uk
6	St Edmundsbury Borough Council (now part of West Suffolk Council) - Environmental Health & Housing Services West Suffolk House, Western Way, Bury St Edmunds, Suffolk, IP33 3YU	Telephone: 01284 757042 Fax: 01284 757378 Website: www.stedmundsbury.gov.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited 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.