EAST PARK ENERGY

East Park Energy

EN010141

Environmental Statement

Volume 2 – Technical Appendices

Appendix 12-1: Phase 1 Geo-Environmental Assessment - Part 1 of 3

Document Reference: EN010141/DR/6.2

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009: Regulation 5(2)(a)

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EAST PARK ENERGY

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Environmental Statement
Volume 2 – Technical Appendices

Appendix 12-1: Phase 1 Geo-Environmental Assessment (Part 1 of 3)

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Contaminated Land
Air Quality
Environmental Audit

Partnership No: OC 300776

EAST PARK ENERGY

PHASE 1 GEO-ENVIRONMENTAL ASSESSMENT

For: BSSL Cambsbed 1 Ltd

September 2025

R3053-R01-v6 FINAL

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PROPOSED SOLAR FARM, EAST PARK, EATON

PHASE 1 GEO-ENVIRONMENTAL ASSESSMENT

CONTENTS

1. Introduction
2. Planning and Legislative Context
3. Scope of Assessment and Information Sources
4. Order Limits Location and Development Proposals
5. East Park Site A
    a) Development History
    b) Current Status
    c) Site Characterisation
6. East Park Site B (& Cable Corridor – Site B to Site C)
    a) Development History
    b) Current Status
    c) Site Characterisation
7. East Park Site C (& Cable Corridor – Site C to Site D)
    a) Development History
    b) Current Status
    c) Site Characterisation
8. East Park Site D
    a) Development History
    b) Current Status
    c) Site Characterisation
9. Cable Corridor – Site D to Eaton Socon Substation
    a) Development History
    b) Current Status
    c) Site Characterisation
10. Preliminary Conceptual Site Model
11. Conclusions & Recommendations

DRAWINGS

D01 Order Limits Location

D02 East Park Site A Historical Features

D03 East Park Site B Historical Features

D04 East Park Site C and Cable Corridor to Site C Historical Features

D05 East Park Site D and Cable Corridor to Site D Historical Features

D06 Cable Corridor – Site D to Eaton Socon Substation Historical Features

D07 UXO Risk Map and Recommended Risk Mitigation Measures.

APPENDICES

A Proposed Site Plans:
Figure 2-2 Illustrative Environmental Masterplan

B Photographic Record

C Envirocheck Reports (includes Historical Plans)

1. East Park Site A
2. East Park Site B and Cable Corridor to Site C
3. East Park Site C and Cable Corridor to Site D

D Groundsure Reports (includes Historical Plans)

1. East Park Site D
2. Cable Corridor – Site D to Eaton Socon Substation

E UXO Detailed Desk Based Study of Full Order Limits Area

F Correspondence with Regulatory Authorities

G References

EXECUTIVE SUMMARY

Project Reference	R3053-R01
Site Location	East Park Energy, Eaton Socon, St Neots
OS Grid Reference (central to each Site)	East Park Site A: 506768, 265624 East Park Site B and Cable Corridor to Site C: 508481, 263719 East Park Site C and Cable Corridor to Site D: 512983, 263780 East Park Site D: 514469, 263131
Development Proposals	Construction of a large solar farm with a connection route to the national grid via the existing Eaton Socon electrical substation.
Previous Site Investigations	Smith Grant LLP (SGP) is not aware of any previous investigation undertaken across the Order Limits area.
Ground Conditions/Geology	The geology is comprised of superficial deposits of either Glaciofluvial Deposits, Oadby Member of Diamicton or Alluvium/River Terrace Deposits following the watercourses all underlain by bedrock of the Oxford Clay Formation of Mudstone. The ground underlying the various roads and footpaths have not been inspected but are anticipated to comprise shallow depths of made ground (as hardstanding or hardcore underlain by subbase) associated with the construction of the roads / bridleways / footpaths. The general succession of strata can be represented by a grass/topsoil overlaying glacial till onto mudstone, according to nearby BGS boreholes. These records confirm that glacial till is likely to be present where it is mapped across the Order Limits area.
Contamination	Made ground is anticipated within only limited areas across the Order Limits area. Various historical and existing ponds are present across the Order Limits area and may give rise to contaminants associated with the presence of made ground (if ponds have been infilled) or organic material if naturally colonised which can give rise to ground gas (generally of a low generation hence low risk). If any enclosed spaces (such as the BESS Control Building or the East Park Substation) are featured in the solar farm design, these will be placed away from any historical ponds/gravel pits or a suitable ground gas monitoring programme may be required. No visible evidence was observed during the walkover of the gravel/sand pits identified during the historical review. Some existing buildings and structures were present on East Park Sites B and C. These appeared to be used for farm equipment storage. No visible evidence remained of a historical group of buildings identified on East Park Site A (Beavers Park). An abandoned oil pipe crosses East Park Sites A and B. It is understood this has been emptied of product is air filled and capped although residual product may be present. Hardscaping in the form of gravel footpaths and some tarmaced bridleways and roads were observed crossing the Order Limits area.

	Due to the largely agricultural nature of East Park Sites A-D, there is unlikely to be significant point sources of contaminants and no tanks, or chemicals stores and such like, were observed across the Order Limits area.
Recommendations	The illustrative Masterplan does not show any of the proposed buildings within the location of the former ponds, buildings, or gravel pits. PV panels will be constructed on the areas where made ground and/or alluvial silts are suspected, including: • East Park Site A: historical gravel pit (now likely to have been infilled); • East Park Site B: Former Pond 'B1'; and, • East Park Site C: Former Pond 'C1'. A stand off will be adopted for the abandoned oil pipeline that crosses East Park Sites A and B. It is understood that the PV panels will not involve excavation of the underlying ground. However, should excavation occur within areas of the former ponds, buildings, or gravel pits, the excavated material will be characterised, sampled, and analysed for a general suite of contaminants including heavy metals, hydrocarbons, polyaromatic hydrocarbons, pH, total organic carbon and asbestos identification. This will be undertaken following the Land Contamination Risk Management (LCRM) guidance to establish whether it is contaminated, its suitability for reuse and for a general waste suite to determine appropriate routes for off-Site disposal or remediation. Gas meters will be used by construction workers and maintenance personnel prior to entering any excavations and chambers as part of a standard precautionary procedure although no significant ground gas sources have been identified and the associated gas generation potential is low. Good housekeeping and site management will be employed to prevent the risk to human health from the presence of any contamination which will be delivered through production and implementation of a Construction Environmental Management Plan (CEMP). Shallow groundwater may be present on Site following a review of the surrounding BGS borehole records. The shallowest groundwater was recorded at 1.2m below ground level (bgl) within the Eaton Socon Substation area. Groundwater management / dewatering practices will be implemented through the production of a CEMP. Part of East Park Site B is designated as having a medium risk of the presence of both German and anti-aircraft ordnance. Within these areas, there should be an unexploded ordnance (UXO) specialist on-site support wherever excavation is proposed and an intrusive magnetometer survey should be undertaken where boreholes and piled foundations are proposed. The UXO specialist additionally recommends that a UXO Risk Management Plan is prepared and adopted for the whole Order Limits area and site specific UXO awareness briefings are given to all personnel involved in the development who will conduct intrusive works. A protocol to deal with unexpected contamination is to be adopted during construction (and decommissioning) phases.

1. Introduction

1.1. General

1.1.1. Axis working on behalf of East Park Energy, has been instructed to undertake a Order Limits relating to the construction of a solar farm around Little Staughton, Great Staughton, and Eaton Socon to the west of St Neots which straddles the counties of both north Bedfordshire and Huntingdonshire.

1.1.2. Axis P.E.D has duly instructed Smith Grant LLP (SGP) to carry out a Phase 1 Geo-Environmental Assessment (also referred to as a Preliminary Risk Assessment) to identify any potential constraints with regards to contamination. It is also understood that a copy of this report will also be submitted to support the planning application relating to the proposed development and to partially satisfy any condition which may be imposed regarding contaminated land.

1.2. Scope of Objectives of the Report

1.2.1. This following report describes the Phase 1 Geo-Environmental Assessment undertaken by SGP in accordance with the brief agreed with the client.

1.2.2. The assessment comprised a review of third-party information on the environmental setting of the Order Limits and its previous and current uses with respect to potential risks to the environment or human health, and a site inspection. This report contains a qualitative risk assessment with respect to contamination, and where appropriate makes recommendations for further investigation and remedial actions appropriate to the proposed future use of the Order Limits.

1.2.3. SGP is an environmental consultancy specialising in the risk assessment and remediation of contaminated and derelict land.

2. Planning and Legislative Context

2.1. Planning

2.1.1. The Order Limits is defined as a Nationally Significant Infrastructure Project (NSIP) under the Planning Act 2008 and will be subject to a Development Consent Order (DCO) Application. The Environmental Impact Assessment (EIA) requirement for NSIP developments is governed by secondary legislation through the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017(Appendix G, ref: 1) and under the Regulation it is considered a 'Schedule 2' development under Paragraph 3(a) as a *'industrial installation for the production of electricity, steam and hot water'.*

2.1.2. The assessment will be undertaken in accordance with Regulation 5 of The Infrastructure Planning (Environmental Impact Assessment Regulations 2017 which requires that '*The EIA must identify, describe and assess in an appropriate manner in light of each individual case, the direct and indirect significant effects of the proposed development on the following factors – (c) land, soil, water, air and climate*'.

2.1.3. The following National Policy Statements (NPS) Appendix G, ref:2 set out national planning policies in relation to nationally significant solar photovoltaic generation developments:

- Overarching NPS for Energy (EN-1); and
- NPS for Renewable Energy Infrastructure (EN-3).

2.1.4. In summary,

- EN-1 states: where development is proposed, applicants should ensure that a site is suitable for its proposed use, taking account of ground conditions and any risks arising from land instability and contamination. For developments on previously developed land, applicants should ensure that they have considered the risk posed by land contamination, and where contamination is present, applicants should consider opportunities for remediation where possible. It is important to do this as early as possible as part of engagement with the relevant bodies before the official pre-application stage.

- EN-3 states that while land type should not be a predominating factor in determining the suitability of the Site location applicants should, where possible, utilise suitable previously developed land, brownfield land, contaminated land and industrial land.

2.1.5. The overall assessment will be undertaken in accordance with the National Planning Policy Framework 'NPPF Appendix G, ref: 3'and associated National Planning Practice Guidance regarding Land Affected by Contamination 'NPPG Appendix G, ref: 4' which provides guiding principles on how planning can take account of new development on contaminated land. The guidance sets out when contamination may be present, the role of planning when dealing with land which may be

contaminated, what a contamination risk assessment may contain and how to determine unacceptable risk. The guidance states that where there is a reason to believe contamination could be an issue, proportionate but sufficient site investigation information will be prepared by a competent person to determine the existing or otherwise of contamination.

2.1.6. The Order Limits extends across the counties of Bedfordshire and Huntingdonshire, specific local policies for both Local Authorities in relation to ground conditions and contaminated land are as follows:

- Bedford Borough Council adopted the 'Bedford Borough Local Plan 2030 [Appendix G, ref: 5]' in January 2020 which includes the two policies (46S and 47S) relevant to ground conditions pertaining to the development.

- Huntingdonshire District Council adopted the 'Huntingdonshire Local Plan to 2036 [Appendix G, ref: 6]' on 15th May 2019 with Policy LP37 of the Local Plan refers to Ground Contamination and Groundwater Pollution. This outlines the requirement for phased investigation approach.

2.1.7. Cambridgeshire County Council is responsible for minerals and waste planning policy for the Order Limits area. The Cambridgeshire and Peterborough Minerals and Waste Local Plan was adopted in July 2021. Objective 3 of this plan encourages the conservation of peat soils through sustainable soil management.

2.2. Legislation

2.2.1. Land contamination can harm human health, groundwaters, surface waters, soils, ecosystems and property. As such it is controlled, either directly or indirectly, through a range of legislation, including, but not limited to:

- Part IIA of the Environmental Protection Act 1990 [Appendix G, ref: 7]: establishes a system for identifying and remediating statutorily defined 'contaminated land'; and focuses on addressing contaminated land that meets the specific legal definition and cannot be dealt with via other means, including planning;

- Water Environment Regulations 2017 [Appendix G, ref: 8]: replaces previous legislation and outlines duties of regulators in relation to characterisation and classification of water bodies, environmental permitting, abstraction and impoundment of water;

- Environmental Permitting Regulations 2016 [Appendix G, ref: 9]: imposes provisions to prevent ground and water contamination from operations requiring an Environmental Permit to operate; and implement controls for operations relating to the treatment or handling of contaminated soils.

2.2.2. Similarly, when dealing with land that may be unstable, the planning system works alongside several other regimes including Building Regulations and the Coal Authority's responsibility for public safety risks arising from past coal mining activities.

2.3. National Best Practice and Guidance

2.3.1. The Environment Agency 'EA' Land Contamination: Risk Management Guidance Appendix G, ref: 10 provides an overarching framework for the assessment and investigation of land contamination. It replaces the previous Contaminated Land Report 11: Model Procedures for the Management of Contaminated Land 2004.

2.3.2. It is designed to be used in a range of regulatory and management contexts such as voluntary remediation, planning, assessing liabilities or under the Part 2A contaminated land regime. The guidance sets out a phased approach to the assessment of land contamination and specifies requirements for reports produced as part of the process, including Preliminary Risk Assessments 'PRAs' and Generic and Detailed Quantitative Risk Assessments 'GQRAs' and 'DQRAs'.

2.3.3. The EA Guidance is supported by, and cross-refers to, an extensive range of additional statutory and non-statutory guidance relating to aspects such as site investigations, protection of groundwater, understanding and managing asbestos, definition of waste and the specific investigation and assessment procedures under Part IIA.

2.3.4. The contaminated land assessment within this report has taken full account of the above planning context, legislation and best practice guidance, and where necessary, such guidance is referenced.

3. Scope of Assessment and Sources of Information

3.1. Scope of Assessment

3.1.1. In undertaking this assessment SGP has carried out the following activities:

- Walkover to view the existing Order Limits and its setting;
- review of comprehensive historical mapping information;
- review of comprehensive environmental setting information (geology, hydrology, hydrogeology, industrial land uses, mineral excavation/extraction, landfilling/waste management activities);
- review of third-party information relating to potential unexploded ordnance 'UXO';
- review of third-party site investigation reports;
- review of development proposals;
- development of preliminary conceptual site model 'CSM 'with regards to ground contamination; and,
- provision of recommendations for further investigations and mitigation, where deemed necessary.

3.1.2. The information has been used to determine:

i. the potential for any ground contamination to be present on or near the Order Limits due to historical and current land uses; and,

ii. the potential for any such contamination to pose a constraint to the proposed use of the Order Limits and/or impact the surrounding environment.

3.1.3. The information has been used to inform the risk assessment and determine any further work and/or investigations that may be required to identify any remedial requirements to ensure the Order Limits is suitable for the proposed development with regards to ground contamination and land stability.

3.2. Sources of Information

3.2.1. The baseline data has been obtained through a desk top study and Site visit by SGP. Review of third-party information pertinent to the Order Limits as made available have also been reviewed in the preparation of this report.

3.2.2. The principal sources of information consulted in the preparation of this report include:

Table 3.1: Information Sources

Date and reference	Author and source	Purpose and information content
Topography, geology, hydrogeology and hydrology		
http://mapapps.bgs.ac.uk	British Geological Survey Appendix G, ref: 11	Distribution of geological units at surface including drift and artificial deposits, faults and mineral outcrops, borehole logs.
https://www.ordnancesurvey.co.uk/osmaps/	Ordnance Survey (OS), Explorer Map, 1 : 10,000	general mapping information including structures, boundaries, ground features, and water features.
http://www.ukradon.org	Public Health England Appendix G, ref: 12	mapping defining radon affected areas in England & Wales.
Historical data		
Satellite imagery	Various	recent historical features
Envirocheck Historical Mapping; dated May 2022, referenced: 299346790_1_1, 299347293_1_1, 299347801_1_1 (provided in Appendix C1-C3)	Envirocheck Appendix G, ref: 13	historical mapping at 1:2,500, 1: 10,000 and 1: 10,560 scales from 1892 onwards for East Park Sites A-C
Groundsure Reports Historical Mapping; GS-JJT-TWL-RJP-XQN, GSIP-2023-13935-15406_a, GSIP-2023-13935-15406_b, dated August 2023 (provided in Appendix D1-2)	Groundsure Insights Appendix G, ref: 14	historical mapping at 1:2,500, 1: 10,000 and 1: 10,560 scales from 1892 onwards for East Park Site D and Cable Corridor – Site D to Eaton Socon Substation.
Information Review		
Envirocheck Reports; May 2022 (provided in Appendix C1-C3)	Envirocheck Appendix G, ref: 15	hydrological, waste, hazardous substances, geological, land uses, and natural stability hazards based on historical data and geological records.
Groundsure Reports; August 2023 (provided in Appendix D1-D2)	Groundsure Insights Appendix G, ref: 16	hydrological, waste, hazardous substances, geological, land uses, and natural stability hazards based on historical data and geological records.
BRE 211	Public Health England Appendix G, ref: 17	guidance for the installation of radon protection measures.
https://magic.defra.gov.uk/MagicMap	Defra Appendix G, ref: 18	web-based interactive map containing information on nature conservation areas, aquifer designations, source protection and nitrate vulnerable zones.
Report ref: DA19362-00 dated 18.06.24. Provided in Appendix E	1st Line Defence	Detailed UXO Desk Based Study of Full Order Limits Area

Date and reference	Author and source	Purpose and information content
Simple Search (huntingdonshire.gov.uk)	Huntingdonshire District Council Appendix G, ref: 19	Online public access to planning applications, appeals, and enforcements within the Huntingdonshire District area.
Request for information relating to contamination information on Site	Huntingdonshire District Council	Environmental information request concerning potential sources and receptors of contamination and information pertaining to former foot and mouth burial grounds.
	Bedfordshire Borough Council	

3.3. Order Limits Area Inspection

3.3.1. A Site walkover of accessible parts of the Order Limits area (confined to roads and public rights of way) was undertaken by an experienced Consultant of SGP, between 03.10.23 and 05.10.23. A photographic record of salient features is provided in Appendix B.

3.4. Regulatory Consultation

3.4.1. Huntingdonshire District Council has confirmed that for the Order Limits located within their boundary (part of East Park Site D plus the Cable Corridor – Site D to Eaton Socon Substation), they have confirmed:

- The Council is not aware of any open, closed or pre-licensing landfill sites on or within the immediate vicinity of the enquiry site. The data for this comes from the Environment Agency, Bromholme Lane, Brampton, Huntingdon, PE28 4NE or via their website at https://data.gov.uk/.
- Environmental Health are not aware of any previous ground investigations undertaken within the enquiry site boundary;
- The Council has completed the preliminary inspection of the district in accordance with its duties under the Environmental Protection Act 1990 Part 2A and its Contaminated Land Inspection Strategy. In respect of the enquiry site, no further actions are proposed in connection with Part 2A. All sites within the district will be the subject of re-inspection at some future date as legislation requires councils to inspect “from time to time”;
- Environmental Health do not hold records in connected with UXO except when ground investigations have been undertaken (which there are none available); and,
- Environmental Health do not keep records of unlicensed water abstractions. There are no licensed water abstractions within 2km of the enquiry site within Huntingdonshire.

3.4.2. Bedfordshire Borough Council has provided information pertaining to East Park Sites A, B, and part of D. they have confirmed:

- There are records showing the presence of historic gravel pits/sand pits/brick pastures/brickworks potentially located within the vicinity of the site, however, the exact location of these and whether they have been infilled is not known.

- There are no records of intrusive investigations carried out on the Site.
- The site is not considered to be contaminated land as defined by part 2A of the Environmental protection act 1990. At the current time there are no plans to undertake any further investigations or actions in relation to the site for at least the next 5 years.
- Of the private water abstraction records they hold; none are located within the Order Limits.

3.4.3. A full response is provided within Appendix F.

4. Order Limits Location and Development Proposals

4.1. Order Limits Details and Location

4.1.1. The Order Limits area is located within a rural area between the villages of Swineshead and Great Staughton, approximately 11km north of Bedford, in the north of Bedfordshire, as shown below in Figure 4.1.

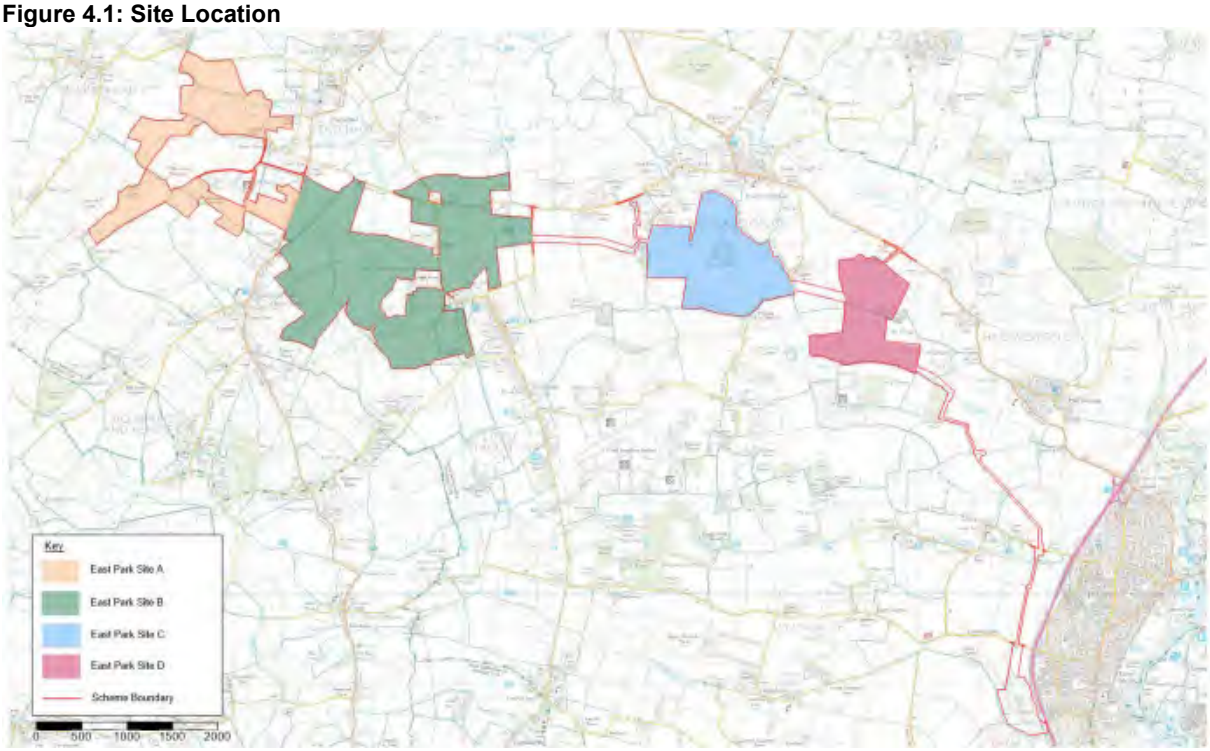
Table 4.1: Site Details

National Grid Reference	East Park Site A: 506768, 265624 East Park Site B: 508481, 263719 East Park Site C: 512983, 263780 East Park Site D: 514469, 263131
Local Authority	Bedford Borough Council and Huntingdonshire District Council Local Authority for Minerals and Waste: Cambridge County Council
Site Areas	East Park Site A: 158 ha East Park Site B: 334 ha East Park Site C: 106 ha East Park Site D: 85 ha
Current Use of Sites	Agricultural land
Proposed Use	The overall proposal is for the development of a ground-mounted solar photovoltaic (PV) generating station comprising photovoltaic panels with associated transformers, electrical substations, switchgear belowground cabling and other associated infrastructure. The PV panels will be connected via below ground cabling connections to several electrical transformers with control switch gear which will be distributed throughout PV generating station area. A Battery Energy Storage System (BESS), an on-site 400kV substation together with a 400kV electrical cable connection to the Eaton Socon Substation will be developed. The transformers and associated control equipment and switch gear will be housed within containers which will be sited on the ground surface. The control building will be two storeys high with a ground level and a basement level. Welfare facilities, storage and space will be present on the ground floor whereas the basement will house switchgear and associated cabling. The battery storage units plus all transformers, switchgear control building and water storage tanks will be sited upon reinforced concrete foundation pads of a maximum of 1m thickness. The BESS will comprise battery storage units, transformer containers, an auxiliary transformer, a control building formed of either a pre-fabricated concrete structure or built from brick or glass-reinforced plastic (GRP), two aboveground water storage tanks (each of a minimum of 228,000 litres capacity), concrete surfacing and access roads. Run-off will be directed towards a retention basin with a sluice to prevent polluted run-off entering soils, groundwater and surface watercourses in an emergency situation. In normal operation, the

	sluice will be open to allow surface run off to pass through a drain to a receiving watercourse. The illustrative masterplan includes two options for the location of the area for the proposed BESS, control compound and East Park electrical substation; Option 1 shows the proposed siting central to East Park Site C whereas Option 2 shows the assemblage in the central-western part of East Park Site D. The PV panels will be mounted on a metal frame with posts that will be driven into the ground down to depth of 2m below ground level. In areas of Archaeological Constraint (to be determined following further site investigation), the PV mounting structure will be attached to prefabricated concrete blocks set directly on the topsoil without excavation. The main construction compound will be sited in East Park Site D although there will be several other satellite construction compounds placed within the development area throughout progression of the construction phase.

4.2. The Order Limits have been split into 4 main sections and a connection route shown in Figure 4.1 below and drawing D01.

Figure 4.1: Site Location



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5. East Park Site A

5.1. This section of the Order Limits covers various agricultural fields to the south of Swineshead Road and the west of the B660 road covering an area of 158 hectares. Drawing D02 shows the layout of East Park Site A and the historical features.

5.a Development History

5.2. Historical Development

5.2.1. A summary of significant features, developments and land uses shown on historical Ordnance Survey maps is provided in Table 5.1 below. The maps are provided in Appendix C.

5.2.2. Only key features of interest are summarised below; for full details reference should be made to the complete set of historical mapping, as provided by Envirocheck (contained in Appendix C). Where key features have been observed their distance to the closest part of the respective proposed development is made.

Table 5.1: Summary of Development History of East Park Site A (On Site and within the immediate vicinity of the Site)

Feature	Map	Location	Description
Old Gravel Pit	1883 to 1979-1980	On site (southeast)	The gravel pit is present in the southeast of Site A from the earliest available mapping and does not change until 1979-1980 where it shrinks and is renamed a pond. It is no longer shown on mapping between 1980 and 1983. Aerial imagery from 1945 shows the gravel pit and imagery from 2002-2023 shows it having been infilled and used as part of the wider agricultural field. However, the shape of the pit can still be faintly seen due to the difference in plant growth.
Pond	1883 to 2022	On site (southeast)	The pond is present 30m to the northeast of the gravel pit from the earliest available mapping to 2022. Aerial imagery shows trees covering the small area of the pond from 2002 to present day.
Beaver's Park	1883 to 1952	On site (southeast)	Beaver's Park in the south is present from the earliest available mapping and encompasses several buildings and a pump. By 1902, the pump is no longer shown on mapping and by 1952, all the buildings and name have been removed from mapping.
Pond	1883 to 1984	On site (east)	This pond is present adjacent to the track that runs by Manor Farm. It is mapped from 1883 and no longer shown on mapping by 1984. No visible evidence of the pond could be observed during the site walkover.
Sand pit	1883 to 1984	Off-site (north of southern track)	An old sand pit is mapped to the north of the track which connects the Middle Lodge buildings to Manor Farm. It is mapped from 1883 until 1984 when it is no longer shown on mapping. No visible evidence of the sand pit could be observed during the site walkover.

Note: Dates refer to dates provided on OS mapping; actual dates may differ

5.3. Historical Development Summary

5.3.1. A summary of significant changes to East Park Site A and the surrounding area has been summarised below:

1. An old gravel pit and pond are present in the south of East Park Site A from earliest available mapping (1883) to 1979-1980 when the gravel pit shrinks and is remapped as a pond. Both are no longer shown on mapping by 1999 with the gravel pit presumably being infilled but the pond remains present and can still be seen in satellite imagery.
2. Beaver's Park in the south is present from the earliest available mapping (1883) to 1952.
3. Another pond is located to the along the farm track/bridleway leading to Manor Farm from 1883 to 1984.

5.b. Current Status

5.3.2. A summary of existing significant features, recent activities and land uses shown on contemporaneous aerial photography, site inspections and anecdotal evidence is provided in Table 5.2 below.

Table 5.2: Present Land Condition of East Park Site A

Site Description	East Park Site A comprises several agricultural fields with public footpaths, the Riseley Brook, and a public bridleway intersecting the site.
Access	Access to East Park Site A is from the Manor Farm access road to the east.
Boundaries	East Park Site A is bounded by Swineshead Road to the north; Manor Farm, an existing solar farm, and agricultural fields to the east; and a public footpath onto agricultural fields to the south and west.
Services/Wayleaves	The abandoned Sandy to Kelmarsh oil pipeline crosses the southern part of East Park Site A on a west-northwest to east-southeast alignment. It is noted this has been emptied, air filled and capped insitu although residual fuel may remain. No services were observed on site although service plans have not been obtained for East Park Site A.
Rights of Way	Multiple footpaths cross/bound East Park Site A and public bridleway crosses East Park Site A in the centre/south.
Structures	No structures were observed on East Park Site A.
Surfaces/Vegetation	East Park Site A comprises agricultural fields with a mix of grass and crops. Some parts of the public footpaths contained gravel and the public bridleway was a mix of gravel and a tarmac road linking to Manor Farm. No invasive species were noted; however, a formal ecological survey has not been undertaken as part of this assessment.
Contamination Sources	Made ground was observed in limited areas of East Park Site A in the form of gravel/hardstanding along the bridleway, gravel along footpaths all of which, are anticipated to be of only limited depth. However, no tanks or other potential contaminant sources were observed during the site walkover. The pond located in the south was banked by trees and shrubbery. No visual evidence could be seen of the historical gravel pit and the pond by the farm track. They are presumably infilled, and the nature of the infilled material is unknown. No visible evidence remained of the Beaver's Park buildings; the location was part of an agricultural field at the time of the walkover.

5.c Site Characterisation

5.4. The physical setting of East Park Site A has been derived from the review of information detailed in Section 2. Key details are summarised below; for full details reference should be made to the supporting information provided in Appendix C.

Table 5.3: Environmental Setting of Site A

Setting and Topography	East Park Site A is currently located an approximate elevation of between 40 and 70m Above Ordnance Datum (AOD) rising in the south of East Park Site A according to spot heights on OS mapping.
Geology/Ground Conditions	Information available on the BGS website, historical OS mapping and site observations indicate the potential ground conditions on Site to be: Made ground: BGS mapping does not report the presence of made ground (artificial deposit) on Site. Superficial Deposits: BGS mapping shows the north of East Park Site A to be underlain by River Terrace Deposits of sands and gravels and Alluvium of clay and silt following Riseley Brook, and the rest of East Park Site A is underlain by either Glaciofluvial Deposits of Mid-Pleistocene Sands and Gravels, Oadby Member of Diamicton, or no superficial deposits. Bedrock: BGS mapping shows East Park Site A to be underlain by the Oxford Clay Formation-Mudstone Faults: - BGS mapping maps the closest fault 9.15km to the northeast of East Park Site A. BGS Records No BGS records are present on East Park Site A. The closest available borehole records a cable percussion borehole drilled in 2006, 530m to the east (TL06SE22). This was drilled for Manor Farm by Williams Bros. Drilling in 2006 to a depth of 2.5m. It reports topsoil overlaying glacial till, clay, and mudstone. No groundwater strikes or levels are reported. A BGS record 1km to the northeast (TL06NE2) reported groundwater at 16m and 21m bgl. Two well records are reported 1.5km to the west (TL06SW15 and TL06SW14). These report water level at 2.6m and 2.7m from the well top; however, neither state the well top level.
Natural Ground Stability	According to the Envirocheck report, East Park Site A is in an area where risks from compressible ground are moderate, landslides are low, running sands, shrinking and swelling clays, and collapsible ground, are very low; and a negligible hazard risk from ground dissolution is recorded.
Hydrology/Drainage	East Park Site A is currently part of agricultural land. Drainage will predominantly be via shallow infiltration into soft ground or via surface ditches.

	The nearest mapped surface watercourse is Riseley Brook running through the north of East Park Site A. The Envirocheck report states that there is a potential for groundwater flooding to occur at the surface along Riseley Brook and in the area of the historical pond and gravel pit. There is limited potential of groundwater flooding to occur at the surface around the track leading to Green End.
Hydrogeology/ Groundwater	The aquifer designations of the underlying geological units are: <u>Superficial Deposits</u>: Alluvium/River Terrace Deposit/Glaciofluvial Deposits: Secondary A aquifer Oadby Formation: Secondary undifferentiated aquifer Groundwater vulnerability: Medium <u>Bedrock:</u> Oxford Clay Formation – Unproductive Strata Groundwater vulnerability: Low East Park Site A is not located in a Source Protection Zone.
Excavation/Mining	East Park Site A is not located within an area of historical coal mining.
Landfill/Waste Disposal	The Envirocheck report shows that there are no current or historical landfills located within 500m of East Park Site A.
Neighbouring Land use/Nearby Contaminative Activities	East Park Site A itself is located within an agricultural area to the northwest of St Neots. An intensive poultry farm is located at 115m to the west of the Site which is operated under an Integrated Pollution Prevention and Control (IPPC) permit. It considered unlikely to impact the Site via migration of contamination through groundwater or surface water as the farm is located on the opposite bank, and overlying river terrace deposits and alluvium connected with the Pertenhall Brook No other contaminative activities have been identified in the surrounding area. A Pollution Incident to Controlled Waters has been reported 125m to the southeast of Site A. This was a Category 3 – minor incident in 1997 into a tributary of the River Ouse relating to a blocked sewer causing crude sewage to enter the watercourse. However, this is downstream of East Park Site A and is therefore unlikely to have affected the Site.
Radon	East Park Site A lies within an area where between <1% of homes are estimated to be at or above the Radon Action Level.
UXO Risk	East Park Site A as located within an area of Low Risk of encountering UXO. A Detailed UXO desk-based risk assessment undertaken by a UXO specialist is

	provided within Appendix E and associated findings are summarised in Section 10.9.3.
Nature Conservation	No environmental designations have been identified within 500m of East Park Site A. East Park Site A is located in a nitrate vulnerable zone related to the Huntingdon River Gravels groundwater and surface water related to the river Great Ouse. No invasive weeds, such as Japanese Knotweed or Himalayan Balsam were observed during the site visit, although a formal survey has not been undertaken by SGP and not all parts of the site were inspected.

6. East Park Site B and Cable Corridor to Site C

6.1. This section of the site covers various agricultural fields to the south of Great Staughton Road and the east of the B660 with and approximate area of 334 ha. Drawing D03 shows the layout of East Park Site B alongside the Cable Corridor from Site B to Site C and the historical features. Please note where 'East Park Site B' is referred to, this includes the Cable Corridor to Site C.

6.a Development History and Current Status

6.2. Historical Development

6.2.1. A summary of significant features, developments and land uses shown on historical Ordnance Survey maps is provided in Table 6.1 below.

6.2.2. Only key features of interest are summarised below; for full details reference should be made to the complete set of historical mapping, as provided by Envirocheck (contained in Appendix C). Where key features have been observed their distance to the closest part of the respective proposed development is made.

Table 6.1: Summary of Development History of East Park Site B and Cable Corridor to Site C (both on Site and within its immediate vicinity)

Feature	Map	Location	Description
Old Gravel Pit	1883 to 1979-1980	<5m of north boundary	The gravel pit is present to the immediate north of Site B from the earliest available mapping and does not change until 1979-1980 where it is no longer shown on mapping. Aerial imagery from 1945 is unclear but does show a depression in the area of the gravel pit. However, by 1999, there is no visible evidence on satellite imagery of the gravel pit.
Pond (B1)	1884 to 1979	Southwest	This pond is present in the southwest fields from the earliest available mapping until sometime between 1901 and 1979 when it is no longer shown no mapping and no evidence of it can be seen on satellite imagery.
Pond (B2)	1884 to present day (2023)	Southwest	This pond is located on the southwest boundary of Site B from the earliest available mapping (1884) and is still present on present day mapping (2023). Satellite imagery shows the area covered with grass and trees which indicates a seasonal pond. The area could not be access during the site walkover.
Former buildings (B3)	1884 to 1979	Southwest corner	A small set of buildings were located on the southwest corner of Site B, adjacent to pond B2 on the earliest available mapping (1884). Half the buildings were demolished by 1901 and all are no longer shown on mapping by 1979. No visible evidence remains on satellite imagery and the area could not be access during the site walkover.

Feature	Map	Location	Description
Pond (B3)	1883 to 1952	On site (east)	The pond is located on the northern boundary of the eastern section of Site C from the earliest available mapping until 1952 when it is no longer shown on mapping. The pond is not visible in any satellite imagery.
Pond (B4)	1883 to 1979-1980	On site (North/east)	The pond is located on the east corner of Site C, adjacent to an unnamed road from the earliest available mapping until the late 1970s when it is no longer shown on mapping. The pond can be seen on aerial imagery from 1945 to 2003. However, by 2006, the area appears to be covered with grass and trees up to present day (2023).
Pond	1883 to 2022	30m south off-site	The pond is present 30m to the south from the earliest available mapping to 1984, when it is no longer shown on mapping. This pond is visible on the 1945 aerial imagery but by 1999, the area is occupied by haybales or shrubbery and by 2002, the area is incorporated into the agricultural nature of the field.
Pond	1883 to 2022	35m south off-site	This square pond is located 35m to the south from the earliest available mapping until 1984, when it is no longer shown on mapping. The 1945 aerial imagery is unclear; however, the pond cannot be seen on satellite imagery by 1999, or thereafter.
Pond	1883 to 2022	40m south *off-site*	The pond is present 40m to the south from the earliest available mapping to the early 1970s, when it is no longer shown on mapping. This pond is not visible on the 1945 aerial imagery and by 1999, the area has been covered by a large farm building.

Note: Dates refer to dates provided on OS mapping; actual dates may differ

6.3. Historical Development Summary

6.3.1. A summary of significant changes to East Park Site B and the surrounding area has been summarised below:

1. A historic pond (B1) was present in the southwest field from the earliest available mapping (1884) to sometime between 1901 and 1979 when it is no longer shown on mapping. No evidence is visible on satellite imagery and the area could not be seen during the site walkover.
2. An existing pond (B2) has been present on the southwest boundary from the earliest available mapping (1884). Satellite imagery shows the area to be covered with grass and trees in 2023 which indicates a seasonal pond. However, the area could not be seen during the site walkover.
3. A small set of historical buildings has been identified on the southwest corner, adjacent to pond B2. These were present on mapping from 1884, were partially demolished by 1901, and

were no longer present on mapping by 1979. No evidence is visible on satellite imagery and the area could not be seen during the site walkover.

4. An old gravel pit is present to the immediate north of East Park Site B from earliest available mapping (1883) to 1979-1980 when it is no longer shown on mapping and cannot be seen on satellite imagery in 1999. No visible evidence of the gravel pit was observed during the site walkover and therefore, it has most likely been infilled.
5. Two ponds (B3+B4) located in the northeast and west and were no longer shown on mapping by the 1970s. The pond in the northeast can be seen on aerial imagery up until 2006 when the area is covered with grass. Whereas the pond in the west cannot be see on any aerial imagery and could not be seen from the access points during the site walkover.

6.b. Current Status

6.3.2. A summary of existing significant features, recent activities and land uses shown on contemporaneous aerial photography, site inspections and anecdotal evidence is provided in Table 6.2 below.

Table 6.2: Present Land Condition of East Park Site B and Cable Corridor to Site C

Site Description	East Park Site B comprises of multiple agricultural fields between the villages of Green End, Keysoe, and Little Staughton.
Access	Access to East Park Site B is along footpaths from Green End to the east, Keysoe from the west and Staughton Road to the north and various farm tracks intersecting the fields.
Boundaries	East Park Site B is bounded by Great Staughton Road and agricultural fields to the north, Kimbolton Road/B660/Pertenhall Road and agricultural fields to the west, Staughton road to the east, and agricultural fields and the village of Green End to the south.
Services/Wayleaves	The abandoned Sandy to Kelmarsh oil pipeline crosses the southern part of East Park Site A on a west-northwest to east-southeast alignment. It is noted this has been emptied, air filled and capped insitu although residual fuel may remain. A high-pressure gas pipe marker was observed in the southeast portion and manholes were observed along the footpath in the north, leading to Staughton Road.
Rights of Way	Multiple public footpaths cross East Park Site B.
Structures	A structure approximately 2m high and 5m wide made of brick with a plastic/sheet metal roof was observed along the central north boundary. It appeared to store hay bales at the time of the site walkover.
Surfaces/Vegetation	East Park Site B comprises agricultural/grassland across Site B with some gravel footpaths and a section of tarmacked access track in the east, linking to Staughton Road. No invasive species were noted; however, a formal ecological survey has not been undertaken as part of this assessment.
Contamination Sources	Made ground was observed in limited areas of East Park Site B in the form of gravel footpaths and the hardstanding farm track linking to Staughton Road and Staughton Road. No visible evidence of the gravel pit to the immediate north of East Park Site B could be seen during the walkover.

6.c Site Characterisation

6.4. The physical setting of East Park Site B has been derived from the review of information detailed in Section 2. Key details are summarised below; for full details reference should be made to the supporting information provided in Appendix C.

Table 6.3: Environmental Setting of Site B and Cable Corridor to Site C

Setting and Topography	East Park Site B is currently located an approximate elevation of between 40 and 60m Above Ordnance Datum (AOD) rising in the south of East Park Site B according to spot heights on OS mapping.
Geology/Ground Conditions	Information available on the BGS website, historical OS mapping and site observations indicate the potential ground conditions on Site to be: Made ground: BGS mapping does not report the presence of made ground (artificial deposit) on site. Superficial Deposits: BGS mapping shows the north of East Park Site B to be underlain by River Terrace Deposits of Sands and Gravels and Alluvium of Clay and Silt following the Pertenhall Brook and its tributaries, the south of East Park Site B is underlain by Glaciofluvial Deposits of Mid-Pleistocene Sands and Gravels, Oadby Member of Diamicton, and the centre and southeast /east no superficial deposits are recorded on mapping. However, there may still be superficial deposits present but as they have not been mapped, this suggests that they will be less than 1m deep. Bedrock: BGS mapping shows East Park Site B to be underlain by the Oxford Clay Formation-Mudstone Faults: - BGS mapping maps the closest fault 11.3km to the northwest of East Park Site B. BGS Records No BGS records are present on East Park Site B. The closest available borehole record is a well record (TL16SW21) 120m to the southeast. It does not, however, mention water depths or ground conditions. A cable percussion borehole drilled in 2006 along Staughton Road 240m N (TL06SE22). This was drilled for Manor Farm by Williams Bros. Drilling in 2006 to a depth of 2.5m. It reports topsoil overlaying glacial till, clay, and mudstone. No groundwater is noted. Another 6 boreholes are located at Lodge Farm (TL06SE24, TL06SE23), New Farm (TL06SE40, TL06SE41), and to the south along W End Road (TL06SE25, TL06SE26) they relate to Willington and Kimbolton Pipeline but the records are confidential.

	Three well records (TL16SW22, TL16SW30, TL16SW26) are located in the village of Green End (adjacent to the southeast portion of Site East Park B) but they do not describe the ground conditions, nor do they mention groundwater depths. Another well record (TL06SE1) is present 700m south which reports boulder clay to 7.62m, Oxford clay to 22.86m, and Kellaways Sand to 25.29m bgl. It also states a spring is present at the junction of the boulder clay and oxford clay (approximately 7.62m bgl).
Natural Ground Stability	According to the Envirocheck report, East Park Site B is in an area where risks from compressible ground are moderate, landslides and running sand, shrinking and swelling clays are low, collapsible ground are very low; and a negligible hazard risk from ground dissolution is recorded.
Hydrology/Drainage	East Park Site B is currently part of agricultural land. Drainage will predominantly be via shallow infiltration into soft ground or via surface ditches. The nearest mapped surface watercourse is Pertenhall Brook running through the northwest of East Park Site B and a small river crossing the northeast, to the north of Great Staughton Road. The Groundsure report states that there is a potential for groundwater flooding to occur at the surface in the north and centre of East Park Site B and some potential for groundwater flooding to occur at property below the surface in the northeast and the south of East Park Site B.
Hydrogeology/Groundwater	The aquifer designations of the underlying geological units are: <u>Superficial Deposits</u>: Alluvium/River Terrace Deposit/Glaciofluvial Deposits: Secondary A aquifer Groundwater vulnerability: High/Medium <u>Bedrock:</u> Oxford Clay Formation – Unproductive Strata Groundwater vulnerability: Medium/low East Park Site B is not located in a Source Protection Zone.
Excavation/Mining	East Park Site B is not located within an area of historical coal mining.
Landfill/Waste Disposal	The Envirocheck report shows that there are no current or historical landfills located within 500m of East Park Site B.
Neighbouring Land use/Nearby Contaminative Activities	East Park Site B itself is located within a mainly agricultural area to the northwest of St Neots. No contaminative activities have been identified in the surrounding area. A Pollution Incident to Controlled Waters has been reported on site in the north. This was a Category 3 – minor incident in 1997 into Pertenhall Brook relating to oil

	being poured into the river as an act of vandalism. This was reported as a minor incident and occurred over 25 yrs ago hence the impact this is likely to have on the Order Limits is negligible.
Radon	East Park Site B lies within an area where between <1% of homes are estimated to be at or above the Radon Action Level.
UXO Risk	Part of East Park Site B as located within an area of Medium Risk of encountering UXO with the remaining area designated as low risk. A Detailed UXO desk based risk assessment undertaken by a UXO specialist is provided within Appendix E and associated findings are summarised in Section 10.9.3.
Nature Conservation	No environmental designations have been identified within 500m of East Park Site B. East Park Site B has located in a nitrate vulnerable zone related to the Huntingdon River Gravels groundwater and surface water related to the Great Ouse. No invasive weeds, such as Japanese Knotweed or Himalayan Balsam were observed during the site visit, although a formal survey has not been undertaken by SGP and not all parts of the site were inspected.

7. East Park Site C and Cable Corridor to Site D

7.1. This section of the site covers various agricultural fields to the south of Staughton Highway and the west of Moor Road with an approximate area of 106 ha. Drawing D05 shows the layout of East Park Site C with the Cable Corridor from Site C to Site D, and Zantra Access, and the historical features. Please note where 'East Park Site C' is referred to, this includes the Cable Corridor to Site D.

7.a Development History and Current Status

7.2. Historical Development

7.2.1. A summary of significant features, developments and land uses shown on historical Ordnance Survey maps is provided in Table 7.1 below. The maps are provided in Appendix C.

7.2.2. Only key features of interest are summarised below; for full details reference should be made to the complete set of historical mapping, as provided by Envirocheck (contained in Appendix C). Where key features have been observed their distance to the closest part of the respective proposed development is made.

Table 7.1: Summary of Development History of East Park Site C and Cable Corridor to Site D

Feature	Map	Location	Description
Pond (C1)	1887-1889 to 1902	On site (Southwest)	The pond is present in the southwest corner of Site C from the earliest available mapping to 1902, when it is no longer shown on mapping. It cannot be seen on any aerial imagery.
Pond (C2)	1887-1889 to 1926	On site (southwest)	The pond is present in the southwest corner of Site C from the earliest available mapping to 1927, when it is no longer shown on mapping. It cannot be seen on any aerial imagery.
Building (C2)	1887-1889 to 1901	On site (north)	A U-shaped building is present in the north of Site C from the earliest available mapping until 1901, when it is no longer shown on mapping.
Building (C1)	1887-1889 to 1971-1980	On site (east)	An L-shaped building is located in the east of Site C from the earliest available mapping until 1971-1980, when it is no longer shown on mapping. A very small structure remains in the rough location until 1999.

Note: Dates refer to dates provided on OS mapping; actual dates may differ

7.3. Historical Development Summary

7.3.1. A summary of significant changes to East Park Site C and the surrounding area has been summarised below:

1. Two former ponds are present in the southwest of East Park Site C from the earliest available mapping; One is no longer shown on mapping by 1902 and the other is no longer shown on mapping by 1926. Neither can be seen on aerial imagery.
2. A U-shaped building is present in the north of East Park Site C from the earliest available mapping but then is demolished by 1901.

3. An L-shaped building is present in the east of East Park Site C from the earliest available mapping until the 1970s. A very small structure is left in the rough location until 1999.

7.b. Current Status

7.3.2. A summary of existing significant features, recent activities and land uses shown on contemporaneous aerial photography, site inspections and anecdotal evidence is provided in Table 7.2 below.

Table 7.2: Present Land Condition on East Park Site C and Cable Corridor to Site D

Site Description	East Park Site C forms agricultural land to the north of the river Kym, and south of Staughton Village.
Access	Access to East Park Site C is via a track/gateway from Moor Road on the southeast boundary.
Boundaries	East Park Site C is bounded by the river Kym to the northeast, Moor Road to the southeast, a small watercourse/land drain to the south and a footpath, and open agricultural fields to the west.
Services/Wayleaves	A telephone line was noted entering Site D from the southeast with telegraph poles on the east of East Park Site C.
Rights of Way	A footpath follows the river Kym along the northeast boundary, partially entering site, before recrossing the river Kym to the north. Another footpath partially enters East Park Site D along the southern boundary before crossing into the field to the south.
Structures	A sheet metal barn is present in the centre/east of East Park Site C. It was not possible to access the inside of this barn during the walkover but some farm equipment was observed to be stored in the surrounding area and it is anticipated that the barn may contain similar.
Surfaces/Vegetation	East Park Site C comprises agricultural fields with a small patch of woodland (New Wood) located in the centre. A farm track from Moor Road crosses East Park Site C, heading northwest towards the metal barn and then New Wood. No invasive species were noted; however, a formal ecological survey has not been undertaken as part of this assessment.
Contamination Sources	Made ground was observed in limited areas of East Park Site C in the form of hardstanding / gravel on the farm track leading to the metal barn and New Wood and on the bridleway.

7.c Site Characterisation

7.4. The physical setting of East Park Site C has been derived from the review of information detailed in Section 2. Key details are summarised in the table below; for full details reference should be made to the supporting information provided in Appendix C.

Table 7.3: Environmental Setting of East Park Site C and Cable Corridor to Site D

Setting and Topography	East Park Site C is currently located an approximate elevation of between 30 and 50m Above Ordnance Datum (AOD) rising in the south of East Park Site C according to spot heights on OS mapping.

Geology/Ground Conditions	Information available on the BGS website, historical OS mapping and site observations indicate the potential ground conditions on East Park Site C to be: Made ground: BGS mapping does not report the presence of made ground (artificial deposit) on East Park Site C. Superficial Deposits: BGS mapping shows the north of East Park Site C to be underlain by River Terrace Deposits of Sands and Gravels and Alluvium of Clay and Silt following the River Kym, with the southwest boundary being underlain by Oadby Member, and the rest of East Park Site C has no superficial deposits. Bedrock: BGS mapping shows East Park Site C to be underlain by the Oxford Clay Formation-Mudstone. Faults: - BGS mapping maps the closest fault 14.6km to the northeast of East Park Site C. BGS Records No BGS records are present on East Park Site C. The closest available borehole records are well records (TL16SW33, TL16SW17, TL16SW13) for properties located in Staughton and the surrounding agricultural area. No ground conditions are provided in the records. One well record (TL16SW11 270m N) states the water level was at 2.7m bgl in 1964.
Natural Ground Stability	According to the Envirocheck report, East Park Site C is in an area where risks from shrinking and swelling clays are moderate, landslides are low, running sands, and collapsible ground, are very low; and a negligible hazard risk from ground dissolution and compressible ground is recorded.
Hydrology/Drainage	East Park Site C is currently part of agricultural land. Drainage will predominantly be via shallow infiltration into soft ground or via surface ditches. The nearest mapped surface watercourse is the River Kym, bounding the north of East Park Site C. The Groundsure report states that there is a potential for groundwater flooding to occur at the surface along the River Kym.
Hydrogeology/ Groundwater	The aquifer designations of the underlying geological units are: Superficial Deposits: Alluvium/River Terrace Deposit: Secondary A aquifer Oadby Member: Secondary Undifferentiated aquifer Groundwater vulnerability: Medium Bedrock: Oxford Clay Formation – Unproductive Strata Groundwater vulnerability: Low

	East Park Site C is not located in a Source Protection Zone.
Excavation/Mining	East Park Site C is not located within an area of historical coal mining.
Landfill/Waste Disposal	The Envirocheck report shows that there are no current or historical landfills located within 500m of East Park Site C.
Neighbouring Land use/Nearby Contaminative Activities	East Park Site C itself is located within a mainly agricultural area to the northwest of St Neots. No contaminative activities have been identified in the surrounding area. A Pollution Incident to Controlled Waters has been reported 294m to the southwest of East Park Site C at the Little Staughton Airfield. This was a Category 3 – minor incident in 1998 into a tributary of Duloe Brook relating to poor operational practice causing paints/dyes to enter the watercourse. This was reported as a minor incident and occurred over 25 yrs ago hence the impact this is likely to have on the Order Limits is negligible.
Radon	East Park Site C lies within an area where between <1% of homes are estimated to be at or above the Radon Action Level.
UXO Risk	East Park Site C is located within an area of Low UXO Risk. A Detailed UXO desk-based risk assessment undertaken by a UXO specialist is provided within Appendix W and associated findings are summarised in Section 10.9.3.
Nature Conservation	No environmental designations have been identified within 500m of East Park Site C. East Park Site C has located in a nitrate vulnerable zone related to the Huntingdon River Gravels groundwater and surface water related to the Great Ouse. No invasive weeds, such as Japanese Knotweed or Himalayan Balsam were observed during the site visit, although a formal survey has not been undertaken by SGP and not all parts of the Site were inspected.

8. East Park Site D

8.1. This section of the Order Limits covers various agricultural fields to the south of Staughton Highway and the south/west of the B645 with an approximate area of 85 ha. Drawing D06 shows the layout of Site D alongside the Main Site Access and the historical features.

8.a Development History and Current Status

8.2. Historical Development

8.2.1. A summary of significant features, developments and land uses shown on historical Ordnance Survey maps is provided in Table 8.1 below. The maps are provided in Appendix D.

8.2.2. Only key features of interest are summarised below; for full details reference should be made to the complete set of historical mapping, as provided by Groundsure (contained in Appendix D). Where key features have been observed their distance to the closest part of the respective proposed development is made.

Table 8.1: Summary of Development History of East Park Site D

Feature	Map	Location	Description
Pond (D1)	1883 to 1924	On site (southwest)	The pond is present on the southeast corner boundary from the earliest available mapping until 1924. No evidence of the pond can be seen on aerial imagery.
Electricity pylons	1950 to 2023	On site (southwest)	Two electricity pylons are mapped through the southwest field, heading southwards. These can be seen on aerial imagery from 1999-2023 and were present during the walkover.
Manholes	1999-2023	On site (south)	Two manholes can be seen on satellite imagery from 1999 to 2023. This suggests underground services cross Site D. Another pair of manholes can be seen 816m to the southwest off-site.

Note: Dates refer to dates provided on OS mapping; actual dates may differ

8.3. Historical Development Summary

8.3.1. A summary of significant changes to East Park Site D and the surrounding area has been summarised below:

1. A former pond (D1) is present from 1883 to 1924. No evidence can be seen on aerial imagery nor during the site walkover.
2. Two electricity pylons are present on Site from 1950 to present day, heading southwards.
3. Two manholes can be seen on aerial imagery from 1999 to present day. Another pair can be seen 800m to the southwest, indicating an underground service.

8.b. Current Status

8.3.2. A summary of existing significant features, recent activities and land uses shown on contemporaneous aerial photography, site inspections and anecdotal evidence is provided in Table 5.2 below.

Table 8.2: Present Land Condition of East Park Site D

Site Description	East Park Site D forms mostly agricultural fields to the south of Kimbolton Road and the west of Pastures Farm and Wood Farm.
Access	Access to East Park Site D is via Pastures Farm.
Boundaries	East Park Site D is bounded by agricultural fields to the north, south, east, and west.
Services/Wayleaves	Three high pressure gas pipeline markers were noted to the north of the public bridleway.
Rights of Way	A footpath meets the southeast corner and crosses East Park Site D again in the southwest, before running along the western boundary until it meets a public bridleway which bisects East Park Site D west to east.
Structures	No structures are present on East Park Site D.
Surfaces/Vegetation	East Park Site D comprises mostly agricultural fields apart from the gravel footpath in the southwest and the tarmac / gravel bridleway. No invasive species were noted; however, a formal ecological survey has not been undertaken as part of this assessment.
Contamination Sources	Made ground was observed in limited areas of East Park Site D in the form of hardstanding along the bridleway and the gravel footpath.

8.c Site Characterisation

8.4. The physical setting of East Park Site D has been derived from the review of information detailed in Section 2. Key details are summarised below; for full details reference should be made to the supporting information provided in Appendix C.

Table 8.3: Environmental Setting of East Park Site D

Setting and Topography	East Park Site D is currently located an approximate elevation of between 30 and 50m Above Ordnance Datum (AOD) rising in the south of East Park Site D according to spot heights on OS mapping.
Geology/Ground Conditions	Information available on the BGS website, historical OS mapping and site observations indicate the potential ground conditions on Site to be: Made ground: BGS mapping does not report the presence of made ground (artificial deposit) on site. Superficial Deposits: BGS mapping shows the majority of East Park Site D to be underlain by Oadby Member - Diamicton apart from the northeast corner. The southern boundary is underlain by Alluvium – Clay and Silt.

	Bedrock: BGS mapping shows East Park Site D to be underlain by the Oxford Clay Formation-Mudstone Faults: - BGS mapping maps the closest fault 16.7km to the northeast of East Park Site D. BGS Records No BGS records are present on East Park Site D. SGP have only reviewed records within 1.5km. The closest available borehole (TL16SW28) is 600m southeast and is a well record related to Great Staughton Waterworks. It reports the well is only 1.2m deep and water rises to the surface without pumping. Another borehole (TL16SW8) 500m to the north reported 0.3m of soil overlaying blue clay to 31m, onto Kellaways Rock to 32m bgl. Another record (660mNE) details a borehole drilled in 1959 (TL16SE1). This was drilled for Meagre Farm Bridge to a depth of 5.79m. It reports alluvial clay overlaying river gravel, and oxford clay. A layer of gravel and water is reported between 1.85-2.12m bgl. Two more borehole records (TL16SE37, TL16SE38) which show only one borehole log are present to the northeast (660-680m northeast) related to Meagre Farm. This log reports a well (presumably the water level) at 3.35m bgl. The ground conditions are reported as boulder clay, sands and gravels, and Oxford Clay. A record (TL16SE24) located 1km to the northeast records made ground to 0.3m, clayey subsoil to 0.7m, boulder clay to 9.9m, and oxford clay to 11m. No groundwater or groundwater strikes were reported.
Natural Ground Stability	According to the Groundsure report, East Park Site D is in an area where risks from shrinking and swelling clays, and compressible ground are moderate, landslides are low, running sands, and collapsible ground are very low; and a negligible hazard risk from ground dissolution is recorded.
Hydrology/Drainage	East Park Site D is currently part of agricultural land. Drainage will predominantly be via shallow infiltration into soft ground or via surface ditches. The nearest mapped surface watercourse is South Brook running along the southern boundary. The Groundsure report states that there is a potential for groundwater flooding to occur at the surface along South Brook on the southern boundary.
Hydrogeology/ Groundwater	The aquifer designations of the underlying geological units are: Superficial Deposits: Oadby Formation: Secondary undifferentiated aquifer

	Alluvium: Secondary A aquifer Groundwater vulnerability: Medium <u>Bedrock:</u> Oxford Clay Formation – Unproductive Strata Groundwater vulnerability: Low East Park Site D is not located in a Source Protection Zone.
Excavation/Mining	East Park Site D is not located within an area of historical coal mining.
Landfill/Waste Disposal	The Groundsure report shows that there are no current or historical landfills located within 500m of East Park Site D.
Neighbouring Land use/Nearby Contaminative Activities	East Park Site D itself is located within a mainly agricultural area to the northwest of St Neots. No contaminative activities have been identified in the surrounding area. However, a high-pressure gas main has been identified in the Groundsure report, crossing East Park Site D north to south. No pollution incidents have been reported within 250m of East Park Site D.
Radon	East Park Site D lies within an area where between <1% of homes are estimated to be at or above the Radon Action Level.
UXO Risk	East Park Site D as located within an area of Low UXO Risk. Detailed UXO desk-based risk assessment undertaken by a UXO specialist is provided within Appendix W and associated findings are summarised in Section 10.9.3.
Nature Conservation	No environmental designations have been identified within 500m of East Park Site D. East Park Site D has located in a nitrate vulnerable zone related to the Huntingdon River Gravels groundwater and surface water related to the Great Ouse. No invasive weeds, such as Japanese Knotweed or Himalayan Balsam were observed during the site visit, although a formal survey has not been undertaken by SGP and not all parts of the site were inspected.

9. Cable Corridor - Site D to Eaton Socon Substation & Point of Connection

9.1. This section of the site covers a 5km 400kv connection route linking East Park Site D to Eaton Socon Substation. It crosses various agricultural fields to the west of the A1. Drawing D06 shows the layout of the connection route and the historical features.

9.a Development History and Current Status

9.2. Historical Development

9.2.1. A summary of significant features, developments and land uses shown on historical Ordnance Survey maps is provided in Table 9.1 below.

9.2.2. Only key features of interest are summarised below; for full details reference should be made to the complete set of historical mapping, as provided by Groundsure (contained in Appendix D). Where key features have been observed their distance to the closest part of the respective proposed development is made.

Table 9.1: Summary of Development History of the Cable Corridor – Site D to Eaton Socon Substation

Feature	Map	Location	Description
Wood Farm	1883 to 2023	On site (northeast)	This farm (previously known as Weston Pastures) is present to the northeast of the Site with a small structure encroaching onto Site. The structure is no longer shown on mapping by 1901 and the and does not change again until 1971 when the farm changes name to Wood Farm. No visible remains of the structure were observed during the site walkover.
East Socon Sub-station	1994 to 2023	On site (southeast)	This sub-station was built sometimes between 1987 and 1994. A large building was constructed in 2010 as part of the sub-station. No other changes have occurred to present day.
Nurseries /Smallholdings	1950 to 2023	Off-Site (250m to Southwest)	The smallholdings comprising of several small structures/buildings become more numerous by 1970 and at this point are shown as glasshouses.

Note: Dates refer to dates provided on OS mapping; actual dates may differ

9.3. Historical Development Summary

9.3.1. A summary of significant changes to the Site and the surrounding area has been summarised below:

1. Wood Farm (previously known as Western Pastures) has been identified to the immediate north with a small building present on Site along the northern boundary. However, this building is removed by 1901.
2. East Socon sub-station was constructed between 1987 and 1994 with multiple buildings and pylons. A large building was added to the site in 2010.

3. Numerous small holdings and nurseries associated with allotments are located 250m south of the Site, become more numerous by 1970 and are still present.

9.b. Current Status

9.3.2. A summary of existing significant features, recent activities and land uses shown on contemporaneous aerial photography, site inspections and anecdotal evidence is provided in Table 9.2 below.

Table 9.2: Present Land Condition of the Cable Corridor – Site D to Eaton Socon Substation

Site Description	The 400 kV Cable Corridor from Site D to the Eaton Socon Substation crosses multiple large agricultural fields with four small brooks crossing the Site and ends at the Eaton Socon Substation.
Access	Access to the Site is along Duloe Road and Bushmead Road.
Boundaries	The Cable Corridor – Site D to Eaton Socon Substation boundary largely consists of agricultural fields apart from around the substation which is bounded by the Great North Road (A1) to the east and Duloe Brook to the south/west.
Services/Wayleaves	No service indicators were observed along the Cable Corridor other than electricity pylons around the substation close to the Point of Connection.
Rights of Way	A footpath crosses the Cable Corridor – Site D to Eaton Socon Substation to the north of the village Duloe, to the south of Duloe Road, and along Duloe Brook along the southwest boundary. Mapping shows a footpath crossing through the substation; however, this was not present during the walkover. Bushmead Road and Duloe Road cross the route to the north of the substation.
Structures	The only structures on Site were electricity pylons and the electrical substation.
Surfaces/Vegetation	The Cable Corridor – Site D to Eaton Socon Substation comprises tarmac road along Duloe Road and Bushmead Road. Some gravel paths / tracks were present to the south of the substation and hardstanding was present in the substation. The remainder of the Cable Corridor route consists of agricultural fields. No invasive species were noted; however, a formal ecological survey has not been undertaken as part of this assessment.
Contamination Sources	Made ground was observed in limited areas of the Site (associated with existing roads: Duloe Road and Bushmead Road).

9.c Site Characterisation

9.4. The physical setting of the connection route has been derived from the review of information detailed in Section 2. Key details are summarised below; for full details reference should be made to the supporting information provided in Appendix D.

Table 9.3: Environmental Setting of Cable Corridor - Site D to Eaton Socon Substation

Setting and Topography	This is at an approximate elevation of 30m Above Ordnance Datum (AOD) according to spot heights on OS mapping.
Geology/Ground Conditions	Information available on the BGS website, historical OS mapping and site observations indicate the potential ground conditions on Site to be: Made ground: BGS mapping does not report the presence of made ground (artificial deposit) on the Cable Corridor – Site D to Eaton Socon Substation. Superficial Deposits: BGS mapping shows the majority of this route to be underlain by Oadby Member – Diamicton with Alluvium of Clay and Silt following Duloe Brook. Bedrock: BGS mapping shows the route to be underlain by the Oxford Clay Formation-Mudstone Faults: - BGS mapping maps the closest fault 19km to the northeast. BGS Records Seven boreholes (TL15NE64-69 and TL15NE71-72) are present in the southeast of the cable corridor close to the Point of Connection, (associated with the construction of the substation). These reported ground conditions as a stiff light grey / brown silty clay with chalk fragments and rounded flint pebbles to the base of the exploratory holes (max depth of 9.6m bgl). Groundwater was only encountered in one location at 1.7m bgl.
Natural Ground Stability	According to the Groundsure report, the Cable Corridor – Site D to Eaton Socon Substation is in an area where risks from compressible ground are moderate, running sands, shrinking and swelling clays, and landslides are low, and collapsible ground are very low; and a negligible hazard risk from ground dissolution is recorded.
Hydrology/Drainage	This route is currently part of agricultural land. Drainage will predominantly be via shallow infiltration into soft ground or via surface ditches. Four mapped surface watercourses are mapped crossing the route: - South Brook - north - Honeydon Brook – southwest boundary - Colmworth Brook – centre - Duloe Brook – South The Groundsure report states that there is a low potential for groundwater flooding to occur on Site.
Hydrogeology/ Groundwater	The aquifer designations of the underlying geological units are: Superficial Deposits: Oadby Formation: Secondary undifferentiated aquifer

	Alluvium: Secondary A aquifer Groundwater vulnerability: Medium <u>Bedrock:</u> Oxford Clay Formation – Unproductive Strata Groundwater vulnerability: Low The 400 kV Cable Corridor – Site D to Eaton Socon Substation is not located in a Source Protection Zone.
Excavation/Mining	This route is not located within an area of historical coal mining.
Landfill/Waste Disposal	The Groundsure report shows that there are no current or historical landfills located on the alignment of this Cable Corridor. One historic landfill has been identified 407m to the southeast, Pit 23 which is understood to have accepted household waste. This is shown on historical mapping from 1950 and is no longer shown on mapping of 1974. By 2007, a large warehouse was constructed on the location. The planning portal (planning ref: 0501090FUL, 0602351FUL, 0603452FUL) shows that a desk study and ground investigation was undertaken on this former landfill in 2001 by RSA Geotechnics Ltd (ref: 8186). The site investigation found made ground in the area of the former pit to depths between 1.4m and 2.6m.
Neighbouring Land use/Nearby Contaminative Activities	This Cable Corridor is located within a mainly agricultural area to the west of St Neots. No contaminative activities have been identified in the surrounding area. A Pollution Incident to Controlled Waters has been reported 177m to the southeast of the connection route which reportedly involves household waste. This was a Category 4 – no impact incident recorded in 2002.
Radon	This Cable Corridor lies within an area where between <1% of homes are estimated to be at or above the Radon Action Level.
UXO Risk	This Cable Corridor is located within an area of Low UXO Risk. A Detailed UXO desk-based risk assessment undertaken by a UXO specialist is provided within Appendix E and associated findings are summarised in Section 10.9.3.
Nature Conservation	No environmental designations have been identified within 500m of This Cable Corridor nor Point of Connection. The full Cable Corridor is in a nitrate vulnerable zone related to the Huntingdon River Gravels groundwater and surface water related to the Great Ouse. No invasive weeds, such as Japanese Knotweed or Himalayan Balsam were observed during the site visit, although a formal survey has not been undertaken by SGP and not all parts of the Site were inspected.

10. Preliminary Conceptual Site Model

10.1. Methodology

10.1.1. Information from the desk study has been used to identify the likely source-pathway-target relationships that may exist at the Site during and following the proposed development. Principal factors that may determine potential sources of contaminants at the Site, receptor vulnerability and potential pathways have been identified and each assessed in turn to derive a Conceptual Site Model (CSM).

10.2. On-Site Sources

10.2.1. Potentially significant sources of on-site contamination have been summarised as follows:

1. Made ground associated with infilling of gravel and sand pits on East Park Site A.
2. Made ground associated with potential infilling of ponds on East Park Sites A, B, C, and D.
3. Made ground associated with the former buildings/structures/demolition rubble on East Park Sites A, B, D, and the Cable Corridor – Site D to Eaton Socon Substation.
4. Made ground associated with construction of the Eaton Socon electrical substation and associated infrastructure within the southern area of the Cable Corridor – Site D to Eaton Socon Substation.
5. Natural organic material accumulated within existing and historical ponds.
6. Abandoned oil pipeline crossing East Park Sites A and B.

10.2.2. Drawings D01 – D06 show the location of such existing and historical features. Where the above features are not subject to disturbance as part of the development construction, then they are not considered to present a source of potentially significant contamination.

10.2.3. Contaminants within the made ground will be dependent upon the origin of the source but typical contaminants could include elevated various heavy metals and metalloids, PAHs, asbestos and hydrocarbons. Demolition rubble may also contain asbestos depending on the nature of the construction materials used within the buildings.

10.3. Off-Site Sources

10.3.1. There are no potentially significant sources of off-site contamination to the Order Limits. The potential for migration of ground gases from Made ground associated with the infilling of the gravel pit to the immediate north of East Park Site B is considered unlikely owing to the small size of this gravel pit and anticipated age of the deposits (circa 1980).

10.3.2. The historic landfill ‘Pit 23’ located 407m to the southeast of the substation is considered unlikely as a potential source of contamination to the Order Limits owing to, the presence of cohesive underlying deposits within this area and the distance from the Order Limits are anticipated to impede the potential migration of gasses and leachates.

10.4. Potential Receptors

10.4.1. The principal vulnerable receptors with respect to potential exposure to any contaminants within the soil and shallow groundwater will be:

- construction workers who may be exposed to contaminants during preparatory and construction/refurbishment works;
- future maintenance workers; and,
- controlled waters (A: Riseley Brook, B: Pertenhall Brook, Unnamed brook, C: River Kym, D: South Brook, Cable Corridor – Site D to Eaton Socon Substation Route: South Brook, Honeydon Brook, Colmworth Brook, and Duloe Brook); underlying aquifers (Secondary A aquifer and Secondary undifferentiated aquifer within the overlying superficial deposits).

10.5. Human Health Risk Assessment

10.5.1. The potential for significant contamination to be present that may pose an acute risk to construction workers during the development is considered negligible/low. Similarly, future Order Limits users are unlikely to be exposed to materials with the potential to cause acute health impacts.

10.5.2. Made ground is anticipated within limited areas of the Order Limits as a whole (infilled ponds, infilled gravel pits, within the vicinity of former buildings plus material used to construct roads, bridleways and gravel footpaths); however, deep deposits or soils containing contaminant concentrations above commercial land use values are not anticipated.

10.5.3. The Eaton Socon 132 Kv electrical substation is located at the Point of Connection. This has been present since 1994 and therefore, the likelihood of it containing polychlorinated biphenyls (PCBs) is negligible as PCBs were banned for use in new systems in the UK in 1981.

10.5.4. In addition to made ground, organic silts associated with the base of the former ponds and natural alluvial deposits within the vicinity of natural watercourses. It is, however, noted that given the size of the ponds, the generation potential of any ground gases is very low with a negligible risk of lateral migration [Appendix G, Ref: 20].

10.5.5. The illustrative masterplan drawing showing both options for the siting of the BESS, control compound and East Park electrical substation, however, are within areas that are away from the locations of the former ponds and from alluvial or other organic materials and hence the risk of ground gas build up is negligible for such infrastructure.

10.5.6. The Proposed PV panels will be constructed over the following features:

- East Park Site A: historical gravel pit (now likely to have been infilled - See Drawing D02);

- East Park Site A: Beaver's Park. Potential for belowground foundations to still be insitu.
- East Park Site B: Former Pond 'B1' (see Drawing D03); and,
- East Park Site C: Pond 'C1' (see Drawing D04).

10.5.7. Short term risks to construction workers are low and is limited to the potential for exposure to made ground in the areas of former ponds, gravel pits, and buildings. Such risks will be mitigated via use of standard personal protective equipment (PPE), a CEMP and good housekeeping. Where there is the requirement for confined space entry during either the construction, operational or decommissioning phases, standard protocols for confined space entry with the use of gas alarms should be sufficient to mitigate against the risks presented.

10.5.8. During progression of the construction phase, any made ground should be sampled and chemically analysed to determine its reuse potential and/or potential for waste sentencing.

10.6. Property Risk Assessment

10.6.1. The potential for chemical attack on construction materials (polymers and concrete) is low given the absence of any contaminants within the information as currently available. A geotechnical assessment will determine appropriate class of concrete for proposed foundations and below ground infrastructure.

10.6.2. There is potential for the presence of soft organic silts associated with the former ponds across the five sites. Alluvial materials are also anticipated within proximity to existing natural watercourses. The associated ground gas generation potential of such sources is low with negligible risk of lateral migration. Moreover, the illustrative Masterplan does not show any of the proposed buildings within the location of such features.

10.7. Controlled Waters Risk Assessment

10.7.1. The Order Limits is in an area of moderate sensitivity as far as groundwater and surface water is concerned with the superficial deposits supporting a Secondary Undifferentiated Aquifer/Secondary A Aquifer and multiple surface watercourses cross the Order Limits (Riseley Brook, Pertenhall Brook, River Kym, South Brook, Honeydon Brook, Colmworth Brook, Duloe Brook). However, the underlying bedrock is unproductive. The superficial aquifer is moderately sensitive with regards to groundwater.

10.7.2. Following a review of BGS borehole records within 1.5km of the Order Limits, groundwater may be present between 1.2m and 7.62m bgl.

10.7.3. The proposed BESS and control compound / electrical substation compound will have a retention pond to retain surface run off. The discharge pipe from this pond will be controlled via a sluice to ensure that in the event of an emergency, polluted run-off is prevented from discharging

into the nearby surface watercourse. In the absence of widespread contamination, however, a significant risk to controlled waters from the presence of contamination is unlikely.

10.8. Preliminary Conceptual Site Model (CSM)

10.8.1. The preliminary CSM has been derived for the whole Order Limits using the information described above, describing the potential contamination sources, pathways and receptors and is summarised below in Table 10.1:

Table 10.1: Preliminary Conceptual Site Model			Pollutant Linkage (in absence of mitigation)	Further Works & Proposed Mitigation
Receptor	**Source/Contaminant**	**Pathway/Exposure**		
1. humans – construction workers/future maintenance workers	On Site Sources: metals/metalloids/asbestos/PAHs hydrocarbons	dermal contact/ingestion/ inhalation – short term exposure	**Low Likelihood** – Made ground may be present in the following locations: - East Park Site A: Former Beaver Park and Middle lodge buildings, infilled gravel/sand pits, historical pond and abandoned oil pipeline. - East Park Site B: Former buildings, historical and existing ponds, former gravel pit to the immediate north and abandoned oil pipeline. - East Park Site C: Former buildings and historical ponds - East Park Site D: Former pond - Cable Corridor – Site D to Eaton Socon Substation: Former Wood Farm structure and Eaton Socon Substation Demolition rubble within the vicinity of the former buildings may also be present. However, contaminant thresholds associated with a proposed commercial land use are unlikely to be exceeded.	Stand off to oil pipeline and other Site services to be applied. Should excavation occur through the areas identified, a ground investigation to determine the depth and composition of the made ground and presence of residual oil will be confirmed through appropriate sampling, chemical analysis and assessment. This will follow the LCRM guidance to determine whether contamination is present and also assist with determination of the reuse potential of the material and for waste sentencing. Appropriate personal protective equipment (PPE), site management and good housekeeping will be implemented during construction works and a Construction Environmental Management Plan (CEMP) will be provided. During progression of the construction phase, any made ground should be sampled and chemically analysed to determine its reuse potential and/or potential for waste sentencing. Protocol to deal with unexpected contamination to be adopted during construction and decommissioning phases.

Table 10.1: Preliminary Conceptual Site Model			Pollutant Linkage (in absence of mitigation)	Further Works & Proposed Mitigation
Receptor	**Source/Contaminant**	**Pathway/Exposure**		
	<u>On Site Sources and Off-site Sources:</u> Asphyxiant and flammable ground gas (methane, carbon dioxide)	accumulation within voids, confined spaces and service runs to toxic concentrations	**Low Likelihood** – Negligible. Generation potential of organic soils is typically low and ponds/pits considered to have been potentially infilled appear small on historical mapping. No buildings are proposed within areas of potential made ground or organic silts identified during this preliminary risk assessment. The Proposed PV panels will be constructed over the following features: - East Park Site A: historical gravel pit (now likely to have been infilled - See Drawing D02); - East Park Site B: Former Pond 'B1' (see Drawing D03); and, - East Park Site C: Pond 'C1'. The proposed locations of the electrical transformers and cable jointing manhole chambers within the PV areas have yet to be confirmed.	Protocols for confined space entry such as the use of gas monitors will be adopted during construction, operation and decommissioning phases.

Table 10.1: Preliminary Conceptual Site Model			Pollutant Linkage (in absence of mitigation)	Further Works & Proposed Mitigation
Receptor	**Source/Contaminant**	**Pathway/Exposure**		
2. humans – future Order Limits users and maintenance workers during Site operation	<u>On Site Sources:</u> metals/metalloids/asbestos/PAHs/heavy hydrocarbons	dermal contact/ingestion/inhalation	**Low Likelihood** – Made ground may be present in highly localised areas only: - East Park Site A: Former Beaver Park and Middle lodge buildings, infilled gravel/sand pits and historical pond. - East Park Site B and Cable Corridor to Site C: Former buildings, historical and existing ponds, abandoned oil pipeline and former gravel pit to the immediate north - East Park Site C and Cable Corridor to Site D: Former buildings and historical ponds - East Park Site D: Former pond - Point of Connection at Eaton Socon Substation Any residual oil associated with the oil pipeline crossing East Park Sites A and B is likely to be localised and a stand-off will be applied. Significant depths of made ground are unlikely to be present and are considered unlikely to exceed commercial land use values. Confirmation of the composition and chemistry of the former ponds may be required for geotechnical purposes and if the material is to be removed or reused.	Stand off to oil pipeline and other Site services to be applied. Should excavation occur through the areas identified, a ground investigation to determine the depth and composition of the made ground and presence of residual oil associated with the abandoned oil pipeline will be confirmed through appropriate sampling, chemical analysis and assessment. This will follow the LCRM guidance to determine whether contamination is present and also assist with determination of the reuse potential of the material and for waste sentencing.

Table 10.1: Preliminary Conceptual Site Model			Pollutant Linkage (in absence of mitigation)	Further Works & Proposed Mitigation
Receptor	**Source/Contaminant**	**Pathway/Exposure**		
	On Site and Off-Site Sources: Asphyxiant and flammable ground gas (methane, carbon dioxide)	accumulation within voids, confined spaces and service runs to toxic concentrations	**Low Likelihood** –. No buildings are proposed within areas of potential made ground or organic silts identified during this preliminary risk assessment. The Proposed PV panels will be constructed over the following features: - East Park Site A: historical gravel pit (now likely to have been infilled - See Drawing D02); - East Park Site B and Cable Corridor to Site C: Former Pond 'B1' (see Drawing D03); and, - East Park Site C and Cable Corridor to Site D: Pond 'C1'. The proposed locations of the electrical transformers and cable jointing manhole chambers within the PV areas has yet to be confirmed.	Protocols for confined space entry such as the use of gas monitors will be adopted during construction, operation and decommissioning phases as a precaution although ground gas potential is low.
	On Site Sources: Radon gas from natural ground		**Negligible** – The Order Limits lies within an area where between <1% of homes are estimated to be at or above the Radon Action Level.	Radon protection measures are not required – No action required.

Table 10.1: Preliminary Conceptual Site Model			Pollutant Linkage (in absence of mitigation)	Further Works & Proposed Mitigation
Receptor	**Source/Contaminant**	**Pathway/Exposure**		
	On Site Sources and Off-Site Sources: VOC vapours from soil/groundwater sources		**Negligible**– No sources of vapour contamination identified on or off-site.	Stand off to oil pipeline and other Site services to be applied. Should excavation occur through the areas identified, a ground investigation to determine the depth and composition of the made ground and presence of residual oil associated with the abandoned oil pipeline will be confirmed through appropriate sampling, chemical analysis and assessment. This will follow the LCRM guidance to determine whether contamination is present and also assist with determination of the reuse potential of the material and for waste sentencing.
	On Site Sources: Persistent organic pollutants within herbicide pesticide and fertiliser chemicals associated with agricultural usage of Site	Mobilisation of leachable contaminants within shallow groundwater and direct spraying on land	**Unlikely –** from desk study information reviewed**, n**o chemicals storage areas have been recorded on the Order Limits area and any pollution associated with the agricultural usage of the Order Limits area is considered as diffuse and reflective of the general area. Moreover, modern fertilisers / pesticides are not recalcitrant and uptake into vegetation / run-off likely to be relatively rapid	No action required.

Table 10.1: Preliminary Conceptual Site Model			Pollutant Linkage (in absence of mitigation)	Further Works & Proposed Mitigation
Receptor	**Source/Contaminant**	**Pathway/Exposure**		
3. humans – Users of areas adjacent to the Order Limits (and using Public Rights of Way)	On Site Sources: metals / metalloids/ asbestos/PAHs/hydrocarbons/ground gas to asphyxiant levels	windblown/dermal contact/ingestion/inhalation	**Negligible** – Localised deposits of made ground may be present. Limited to existing and former buildings, former gravel pits, former ponds, Bushmead Road, Duloe Road, bridleways, and footpaths.	Dust suppression techniques to be used during construction works to limit dust generation as necessary. Measures proposed will be implemented in accordance with a CEMP.
4. property/ services	On Site and Off-Site Sources: Sources Flammable ground gas (methane)	accumulation within voids, confined spaces and service runs to flammable concentrations	**Negligible -** No buildings are proposed within areas of potential made ground or organic silts identified during this preliminary risk assessment. The Proposed PV panels will be constructed over the following features: - East Park Site A: historical gravel pit (now likely to have been infilled - See Drawing D02); - East Park Site B and Cable Corridor to Site C: Former Pond 'B1' (see Drawing D03); and, - East Park Site C and Cable Corridor to Site D: Pond 'C1'. The ground gas generation potential of such sources is low. The proposed locations of the electrical transformers and cable jointing manhole chambers within the PV areas has yet to be confirmed.	No action required.

Table 10.1: Preliminary Conceptual Site Model			Pollutant Linkage (in absence of mitigation)	Further Works & Proposed Mitigation
Receptor	**Source/Contaminant**	**Pathway/Exposure**		
	On Site Sources: pH, sulphate	chemical attack of buried concrete and plastic materials	**Low Likelihood –** Soils containing high pH and sulphates are unknown.	Geotechnical assessment to be undertaken to determine appropriate classification of belowground concrete to inform detailed design.
5. vegetation/ landscaping	On Site Sources: leachable metals/metalloids may be present within made ground/natural soils	plant uptake	**Unlikely** – Parts of the Order Limits that are not part of the roads are currently vegetated with vegetation observed to be in a healthy state.	No Action Required.
6. Ecology / Ecosystems	On Site Sources: leachable metals/metalloids may be present within made ground/natural soils	Plant uptake, smothering of benthic fauna and reduction of water quality (e.g. dissolved oxygen)	**Negligible–** River Kym, Duloe Brook, Colmworth Brook and Pertenhall Brook are classed under the WFD as having a moderate ecological status. Order Limits is located within a SSSI impact risk zone for Site A (located within 1km of Swineshead Woods SSS located to the NWI) and Site D plus the Cable connection route to Eaton Socon Substation (within SSSI impact zone of Little Paxton Wood at 1.5kms to NE).	Construction measures to be put in place to reduce the likelihood of surface water run-off/silt discharge into the watercourses and to employ dust and debris suppression measures.

Table 10.1: Preliminary Conceptual Site Model			Pollutant Linkage (in absence of mitigation)	Further Works & Proposed Mitigation
Receptor	**Source/Contaminant**	**Pathway/Exposure**		
7. surface waters	On Site Sources: leachable metals/metalloids/PAHs/hydrocarbons	migration via shallow groundwater/surface water run-off.	Unlikely – Order Limits has been largely undeveloped the throughout its history. There is a potential for surface run-off of silts during excavation works into the various surface watercourses. River Kym is classed as a Main River. River Kym, Duloe Brook, Colmworth Brook and Pertenhall Brook are classed as having a good or high physico chemical quality but fail on overall chemical quality. All are classed as being heavily modified. No designated Sites of ecological importance are located on Site. The risk of migration of significant contaminants to surface waters once the solar farm is constructed is considered as negligible.	Construction measures to be put in place to reduce the likelihood of surface water run-off/silt discharge into the watercourses. BESS and control compound to include development of a retention basin with a sluice gate to collect run off from this area and to shut off discharge to local watercourse during an emergency situation.

Table 10.1: Preliminary Conceptual Site Model			Pollutant Linkage (in absence of mitigation)	Further Works & Proposed Mitigation
Receptor	**Source/Contaminant**	**Pathway/Exposure**		
8. groundwater – Glaciofluvial deposits/River Terrace Deposits/Alluvium/Oadby Member - Secondary Undifferentiated/Secondary A aquifer (Superficial) Oxford Clay Formation – Unproductive Strata (Bedrock)	leachable metals/metalloids/PAHs/hydrocarbons	migration via saturated zone	**Unlikely** – Localised made ground deposits have been identified across the five sites. However, significant depths are unlikely to be present and are considered unlikely to exceed commercial land use values. In any case, general widespread cover of cohesive Glaciofluvial deposits and alluvium above bedrock will provide additional protection to the underlying aquifer. Stand offs to be applied associated with the abandoned oil pipeline.	Construction measures to be put in place to reduce the likelihood of surface water run-off/silt discharge into the watercourses and infiltration into adjacent land. Should excavation occur through the areas identified, a ground investigation to determine the depth and composition of the made ground and presence of residual oil associated with the abandoned oil pipeline will be confirmed through appropriate sampling, chemical analysis and assessment. This will follow the LCRM guidance to determine whether contamination is present and also assist with determination of the reuse potential of the material and for waste sentencing.

10.9. Other Considerations

Ground Stability – Natural Hazards

10.9.1. According to the Groundsure and Envirocheck reports, the Order Limits is in an area where risks from compressible ground are considered moderate, shrinking and swelling clays are considered moderate to low, risks from landslides are low, and risks from running sands and collapsible ground are considered very low, and risks from ground dissolution are negligible. Organic silts may be present in the locations of the former naturally infilled ponds.

Foot and Mouth Burials

10.9.2. The Order Limits is not within an area where there are records of foot and mouth burial sites. Both local authorities were approached regarding this and both stated they have no information. Therefore, the risk of their presence is considered as negligible [Appendix G, Ref:19].

Groundwater

10.9.3. Shallow groundwater may be present on Site following a review of the surrounding BGS borehole records. The shallowest groundwater was recorded at 1.2m bgl within the Eaton Socon Substation area. Dewatering practices may be required in areas of shallow groundwater.

Unexploded Ordnance

10.9.4. A specialist UXO Consultant was commissioned to complete a detailed unexploded ordnance risk assessment of the full Order Limits area. The report, which is provided in Appendix E is summarised as follows:

- Risk of both German and anti-aircraft unexploded ordnance: The sections between Keysoe and Little Staughton, surrounding Lodge Farm and the former Kangaroo Inn within Est Park Site B, have been elevated to Medium Risk whereas the remainder of the Order Limits is attributed a low risk. The risk mapping provided is also included as Drawing reference: UXO Risk Map and Recommended Risk Mitigation Measures.

- Risk of Allied Ordnance: The whole Order Limits area is attributed as a low risk from the potential for of such UXO.

- Recommendations for UXO mitigation:
    - The UXO specialist recommends that a UXO Risk Management Plan is prepared and adopted for the whole Order Limits area and site specific UXO awareness briefings are given to all personnel involved in the development who will conduct intrusive works.

- Within the areas designated as a having a medium risk of UXO, there should be UXO specialist on-site support wherever excavation is proposed and an intrusive downhole magnetrometer survey should be undertaken where boreholes and piled foundations are proposed.

11. Conclusions and Recommendations

11.1. Summary

Current and Historical Buildings, Structures and infrastructure

11.1.1. Historical mapping shows the Order Limits has remained as agricultural land from the earliest available mapping (1882-1887) to present. Two buildings are mapped on East Park Site C, and one each is mapped on East Park Site A, East Park Site B, and East Park Site D. A new building was observed in the location of a historical building (D1) on East Park Site C, and no building remains were observed on East Park Site B and East Park Site D or the Cable Corridors between East Park Site B and C and East Park C and D. No evidence of tanks was observed on any site during the site walkover.

11.1.2. The existing Eaton Socon 132 Kv electrical substation is the Point of Connection where the Cable Corridor from Site D connects to the grid. This was constructed by 1994.

11.1.3. Overhead electricity wires with associated pylons traverse the Cable Corridor – Site D to Eaton Socon Substation on a northeast to southwest alignment. These have been present since the 1970s.

11.1.4. A series of high-pressure pressure gas mains are marked crossing the Order Limits area and an abandoned oil pipeline crosses East Park Sites A and B. These features will be identified and an appropriate stand-off of these features will be implemented and agreed with Transco and Fisher German prior to commencing intrusive investigation or any construction.

Gravel Pits and Ponds

11.1.5. Three historical sand/gravel pits are located on or in close proximity of East Park Sites A and B. All of these appear to have been infilled by either anthropogenic sources or natural colonisation and localised depressions are apparent on LIDAR mapping. However, no evidence was visible during the site walkover.

11.1.6. According to historical mapping, a total of nine ponds were mapped across the Order Limits area. As of 2023 satellite imagery and observations made during the site walkover, only two remain: one on East Park Site A and one on East Park Site B. The other seven have been infilled by either anthropogenic sources or via natural colonisation.

11.1.7. Eight watercourses cross the Order Limits area (Riseley Brook, Pertenhall Brook, an unnamed watercourse, the River Kym, South Brook, Honeydon Brook, Colmworth Brook, and Duloe Brook) and recent OS mapping and observations made on the site walkover shows a significant number of surface drains or ditches, along the field boundaries.

Surroundings

11.1.8. Agricultural land has historically surrounded the site with no significant industrial activities having taken place. A solar farm (Sunny Farm, previously named Manor Farm) is located directly north of East Park Site A and was constructed by 2015. A second solar farm was observed to the south of East Park Site D, appearing on satellite imagery in 2020.

11.1.9. An RAF airbase (RAF Thurleigh) is located approximately 2.5km to the southwest of East Park Site B. Background research suggests the airbase was constructed in 1940 and, by 1946, military use of the airfield ceased, and the site changed use to RAE Bedford, a research site for the Royal Aircraft Establishment. By 1994, the airfield was decommissioned with the site forming Thurleigh Business Park and Bedford Aerodrome.

11.1.10. Little Staughton Airfield is located approximately 2km to the southeast of East Park Site B and to the southeast of East Park Site C. Historical mapping first shows the airfield present in 1958 mapping; however, it is mapped as disused which suggests it may have been excluded from earlier mapping for reasons of national security during the Second World War. Later mapping from 1984 shows the airfield is again operational with several works and warehouses shown, this later (2006) is mapped as 'The Airfield Industrial Estate Little Staughton'.

11.2. Findings of Contamination Risk Assessment

11.2.1. Localised deposits of made ground and/or soft organic silts are anticipated in areas limited to former gravel pits, former buildings, former ponds, gravel footpaths, public bridleways, and the three roads that cross the Order Limits area (Staughton Road, Duloe Road, and Bushmead Road). Significant depths and associated contamination are not anticipated. The presence of silts at the base of historical ponds and associated with natural watercourses crossing the Order Limits are likely to present only a low ground gas potential.

11.2.2. The illustrative Masterplan does not show any of the proposed buildings within the location of such features. PV panels will be constructed on the areas where made ground and/or alluvial silts are suspected, including:

- East Park Site A: historical gravel pit (now likely to have been infilled - See Drawing D02);
- East Park Site A: potential for below ground foundations and infrastructure associated with Beaver's Park within southwestern area.
- East Park Site B and Cable Corridor between Site B and Site C: Former Pond 'B1' (see Drawing D03); and,
- East Park Site C and Cable Corridor from Site C to Site D: Former Pond 'C1' (see Drawing D04).

11.2.3. The nature of the infilling of these features is unknown but most likely to be reworked natural materials or potentially materials derived from farming activities.

11.2.4. The Eaton Socon Substation has been present since 1994. Therefore, PCBs are unlikely to be present within the substation infrastructure.

11.2.5. No chemicals or fuels stores were observed as present on the Order Limits area and any contamination associated with the agricultural use of the Order Limits area is anticipated to be diffuse and reflective of the general area.

11.2.6. Both former airfields are considered at a sufficient distance away as to not affect the Order Limits in terms of migration of mobile contamination and it is noted that part of these Sites have now been redeveloped.

11.2.7. The former historical landfill has been developed and site investigation of this area has only identified only shallow depths of made ground. The former landfill is also located over 400m away from the Order Limits and therefore the anticipated gas risk presented is unlikely to be significant.

11.2.8. The proposed development is commercial in nature and will be sited aboveground.. An element of piling into the ground is proposed alongside a basement level for the control compound and below ground jointing manhole chambers. Considering the proposed development, the history of the Order Limits and the potential contaminants identified, the overall risks to human health are considered as low but not negligible.

11.3. Recommendations

Contamination

11.3.1. The illustrative Masterplan does not show the proposed location for the BESS, control compound and electrical substation within areas suspected to comprise made ground and/or organic deposits. It will be pertinent to use gas meters as part of standard construction practices prior to entering below ground or confined spaces, this is considered appropriate in lieu of any gas monitoring given the low generation potential of the identified on-site sources (organic sediments in base of former ponds).

11.3.2. Should excavation occur within areas of the former or current ponds, buildings, gravel pits or abandoned oil pipeline, the excavated material will be characterised, sampled, and analysed for a general suite of contaminants including heavy metals, hydrocarbons, PAHs, pH, total organic carbon and asbestos identification. This will be undertaken following the LCRM guidance to establish whether it is contaminated and to determine its suitability for reuse and for a general waste suite to determine appropriate routes for offsite disposal or remediation.

11.3.3. A protocol to deal with unexpected contamination to be adopted during construction and decommissioning phases.

11.3.4. Good housekeeping and site management will be employed during construction to prevent the risk to human health from the presence of any contamination which will be delivered through production and implementation of a CEMP.

Unexploded Ordnance

11.3.5. Part of East Park Site B is designated as having a medium risk of the presence of both German and anti-aircraft ordnance. Within these areas, there should be UXO specialist on-site support wherever excavation is proposed and an intrusive downhole magnetrometer survey should be undertaken where boreholes and piled foundations are proposed. The UXO specialist additionally recommends that a UXO Risk Management Plan is prepared and adopted for the whole Order Limits area and site specific UXO awareness briefings are given to all personnel involved in the development who will conduct intrusive works.

Ground Stability

11.3.6. No significant constraints to ground conditions/stability have been identified during the Geo-environmental assessment. It is recommended that a site investigation is undertaken in due course to inform design proposals.

Groundwater

11.3.7. Shallow groundwater may be present on Site following a review of the surrounding BGS borehole records. The shallowest groundwater was recorded at 1.2m bgl within the Eaton Socon Substation area. Groundwater management / dewatering practices will be implemented through the production of a CEMP.

11.4. Limitations

11.4.1. This report has been prepared by SGP for the sole and exclusive use of Axis and East Park Energy. The assessment has been undertaken on available information as detailed within Table 3.1 Sources of information and observations made during the walkover. Access during the walkover was limited to rights of way only and associated viewpoints.

11.4.2. Reasonable skill, care and diligence has been exercised within the budget available, and in accordance with the technical requirements of the brief. Notwithstanding the efforts made by the professional team in undertaking the assessment and preparing this report, it is possible that other ground conditions and contamination as yet undetected may exist. Reliance on the findings of this report must therefore be limited accordingly. Such reliance must be based on the whole

report and not on extracts which may lead to incomplete or incorrect conclusions when taken out of context.

11.4.3. SGP reserves the right to alter any of the foregoing information in the event of new information being disclosed or provided and in the light of changes to legislation, guidelines and responses by the statutory and regulatory authorities.

Drawings

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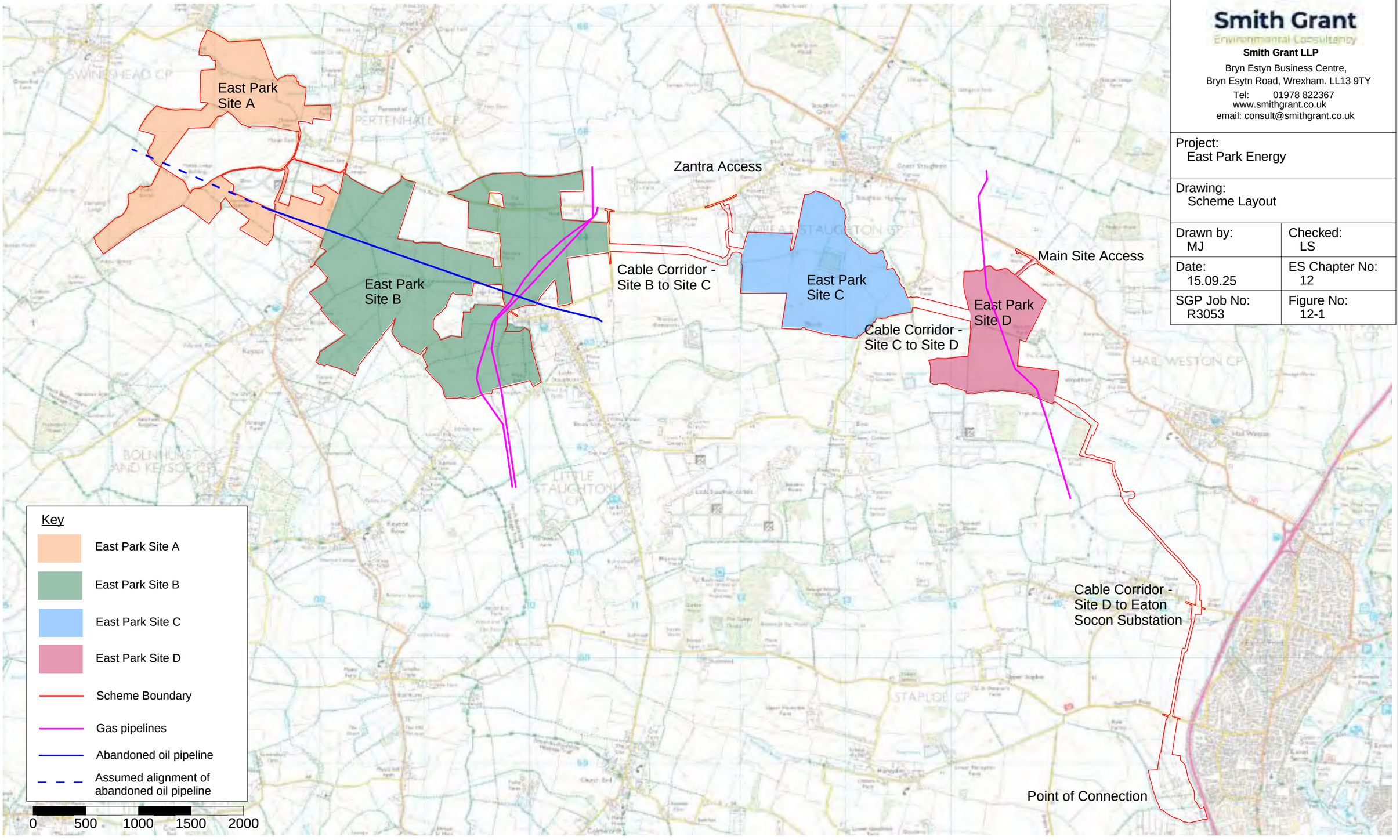
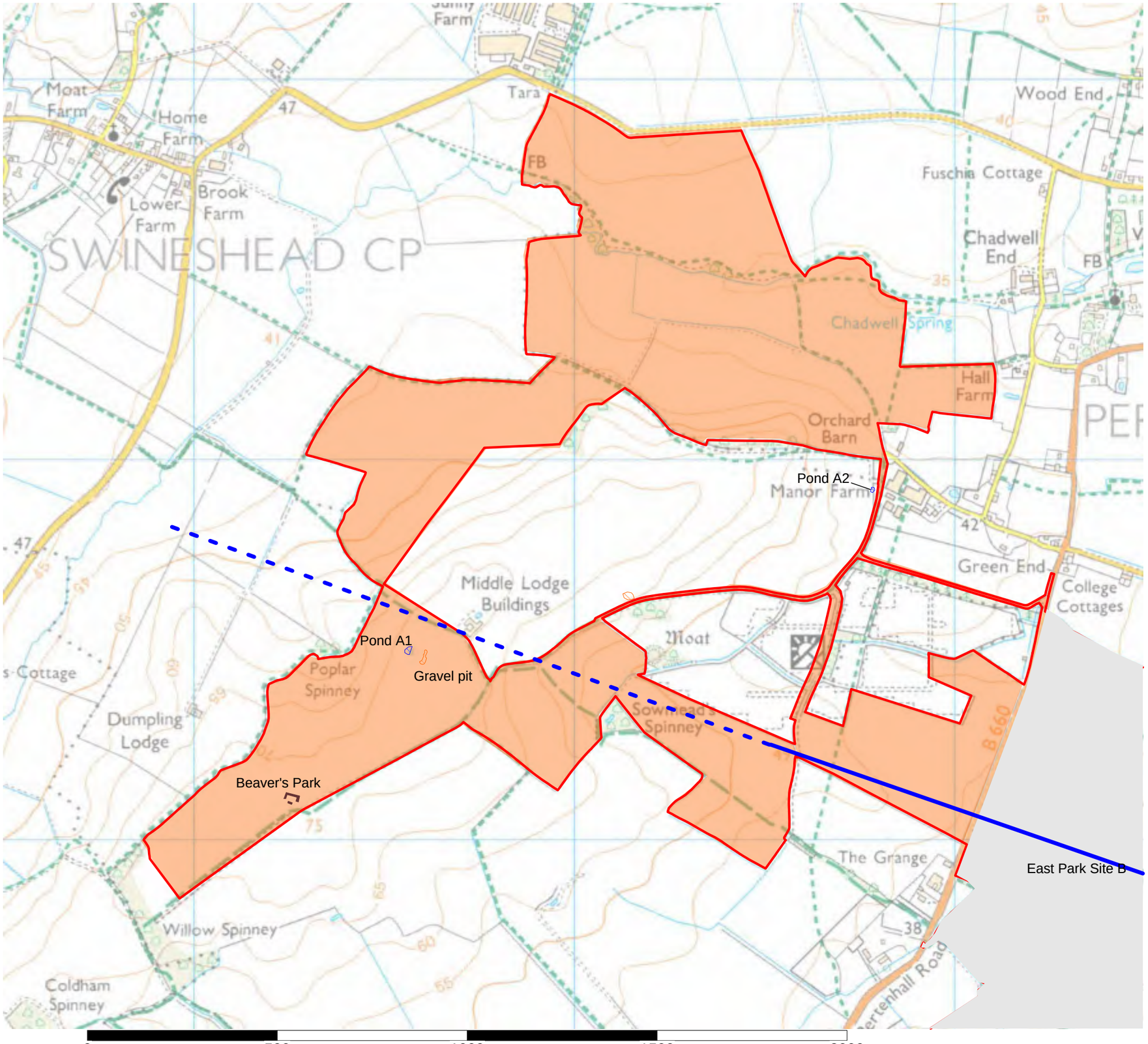
Project: East Park Energy	
Drawing: Scheme Layout	
Drawn by: MJ	Checked: LS
Date: 15.09.25	ES Chapter No: 12
SGP Job No: R3053	Figure No: 12-1



*please note, all locations are approximate



*please note, all locations are approximate

East Park Site A - Historical Features

- Historical Ponds
- Historical sand/gravel pits
- Historical buildings
- Site A Area
- Site A Boundary
- Other site areas
- Abandoned oil pipeline
- Assumed alignment of abandoned oil pipeline

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Project:
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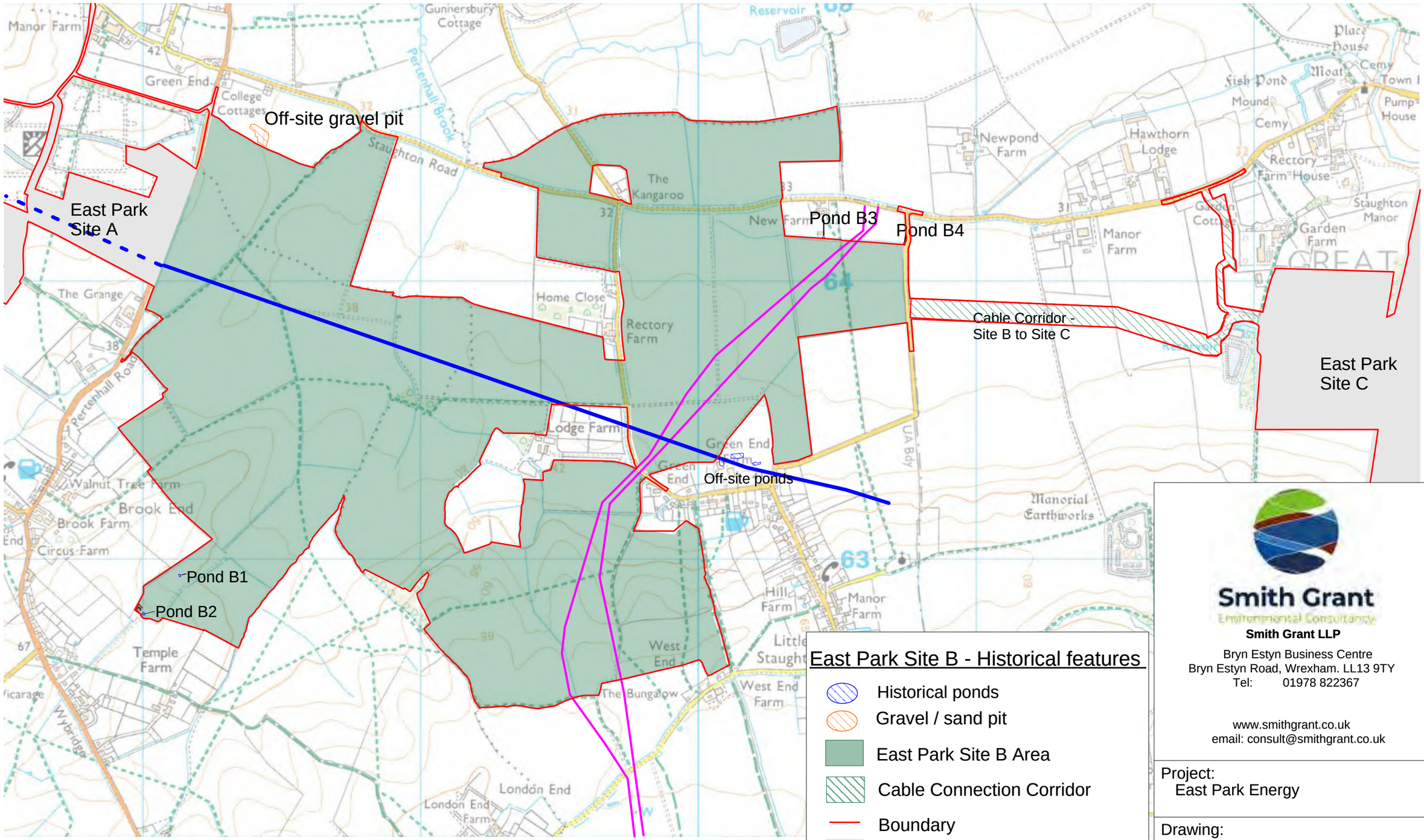
Drawing:
East Park Site A - Historical Features

Drawn by: MJ	Checked: LS
Date: 04.09.25	ES Chapter No: 12
SGP Job No: R3053	Figure No: 12-2



East Park Site B - Historical features

- Historical ponds
- Gravel / sand pit
- East Park Site B Area
- Cable Connection Corridor
- Boundary
- Other site areas
- Gas pipeline
- Abandoned oil pipeline
- Assumed alignment of abandoned oil pipeline

*please note, all locations are approximate

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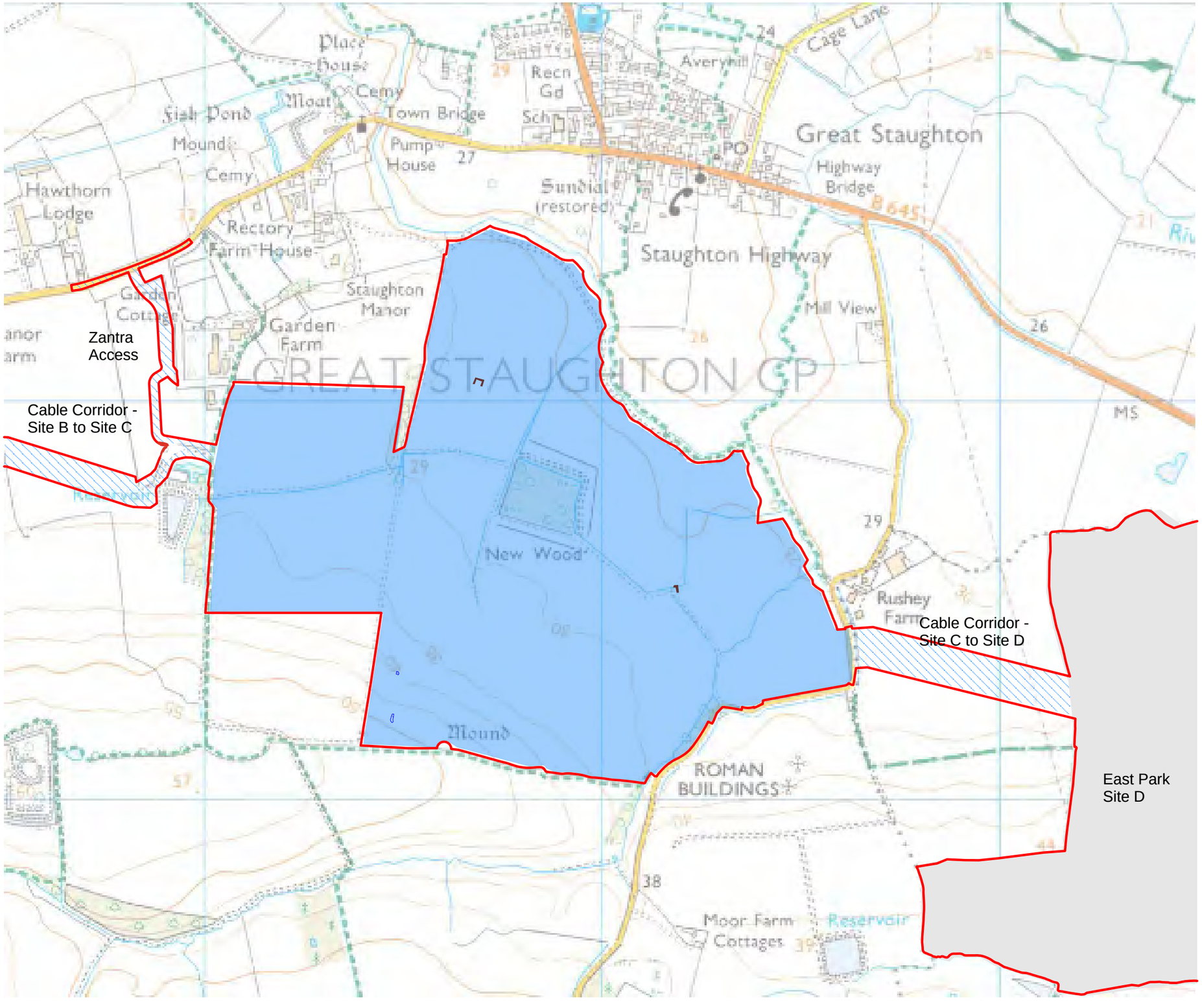
Project: East Park Energy	
Drawing: East Park Site B - Historical Features	
Drawn by: MJ	Checked: LS
Date: 15.09.25	ES Chapter No: 12
SGP Job No: R3053	Figure No: 12-3



East Park Site C - Historical Features

- Historical ponds
- Historical buildings
- East Park Site C Area
- Cable Connection Corridors
- Boundary

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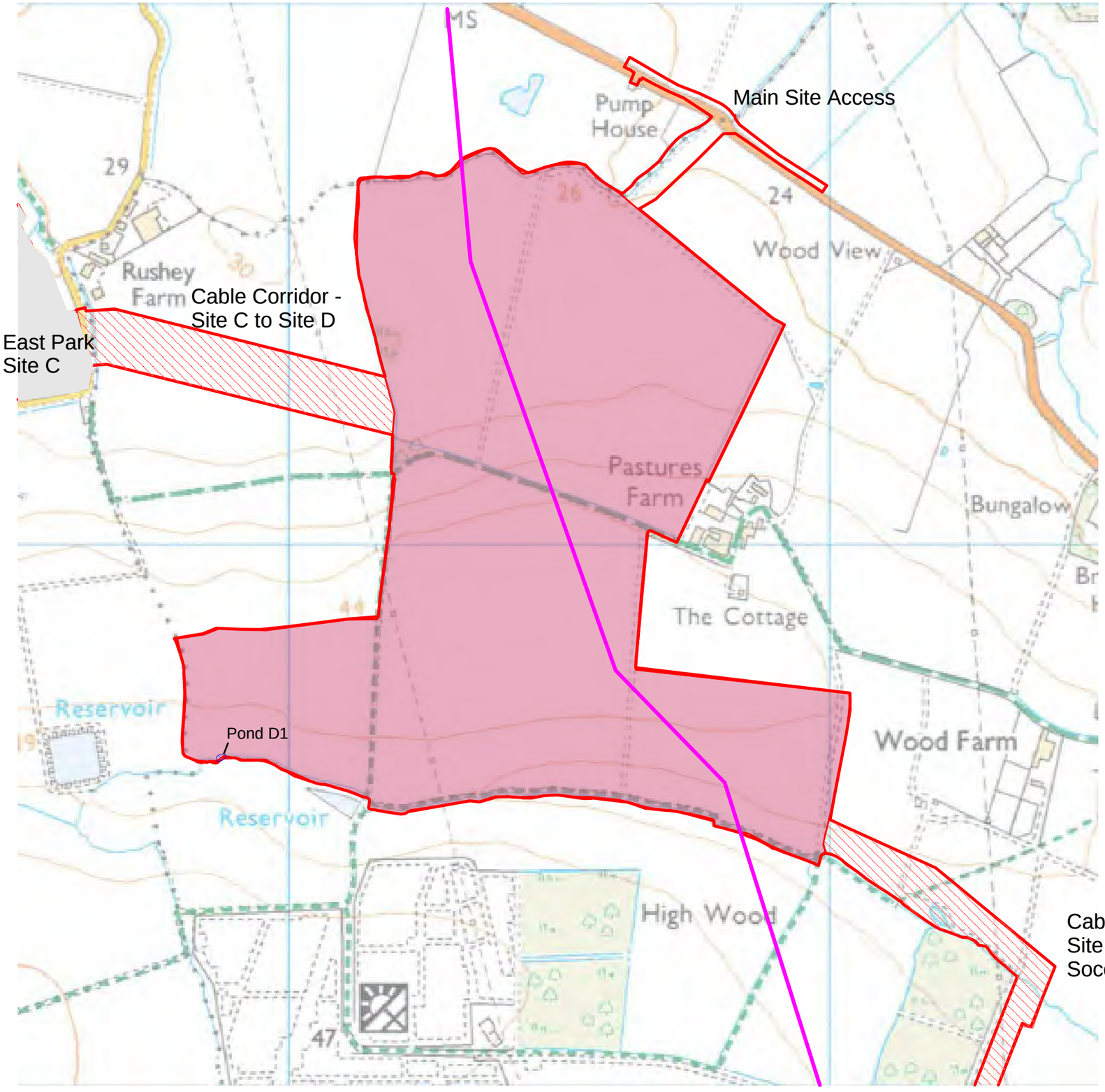
Project: East Park Energy	
Drawing: East Park Site C - Historical Features	
Drawn by: MJ	Checked: LS
Date: 15.09.25	ES Chapter No: 12
SGP Job No: R3053	Figure No: 12-4

*please note, all locations are approximate



East Park Site D - Historical features

- Historical ponds
- East Park Site D Area
- Boundary
- Other site areas
- Cable Connection corridors
- Gas pipeline

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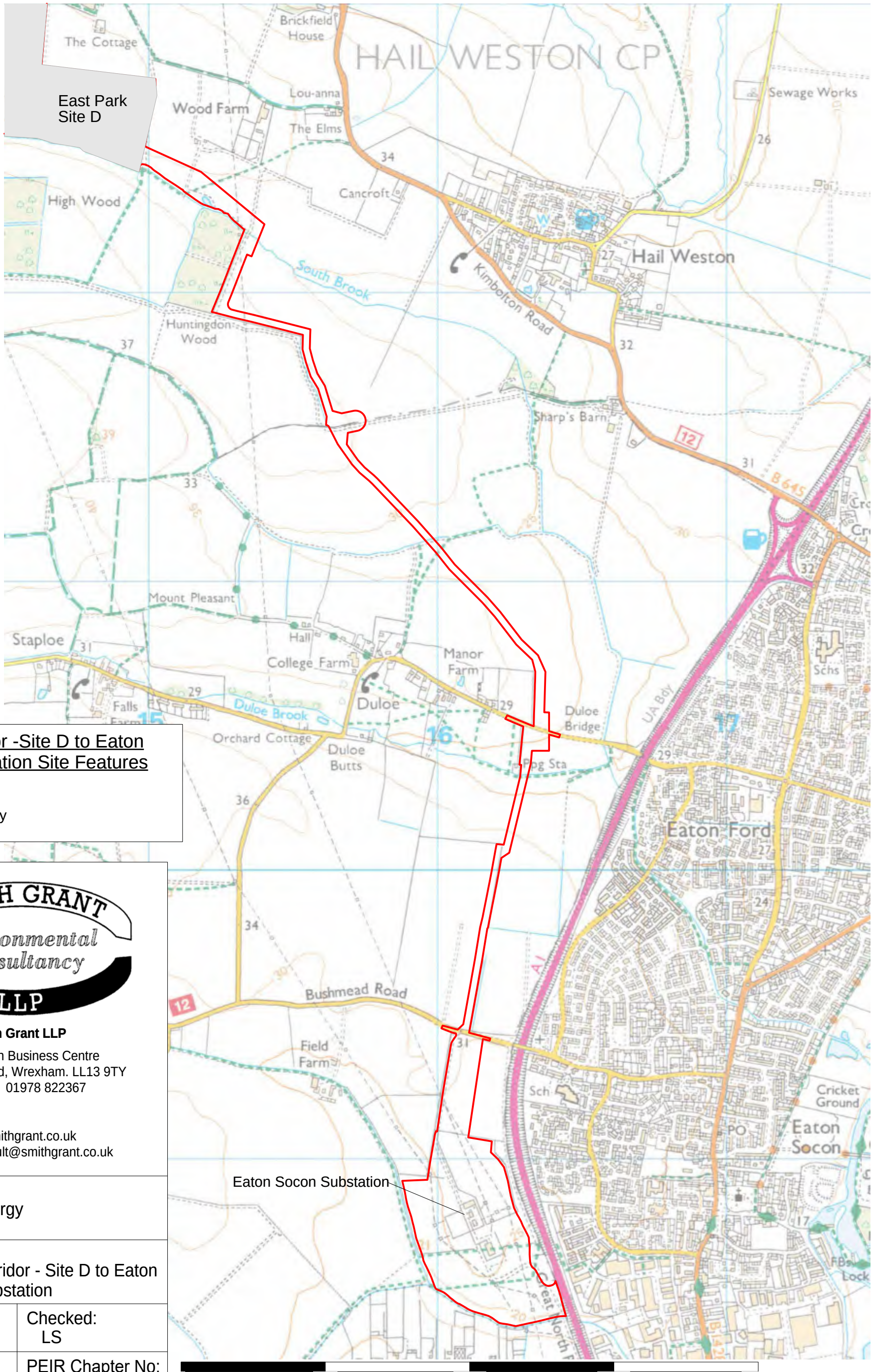
Project: East Park Energy	
Drawing: East Park Site D - Historical Features	
Drawn by: MJ	Checked: LS
Date: 04.09.25	ES Chapter No: 12
SGP Job No: R3053	Figure No: 12-5



Cable Corridor -Site D to Eaton Socon Substation Site Features

- Site D
- Boundary

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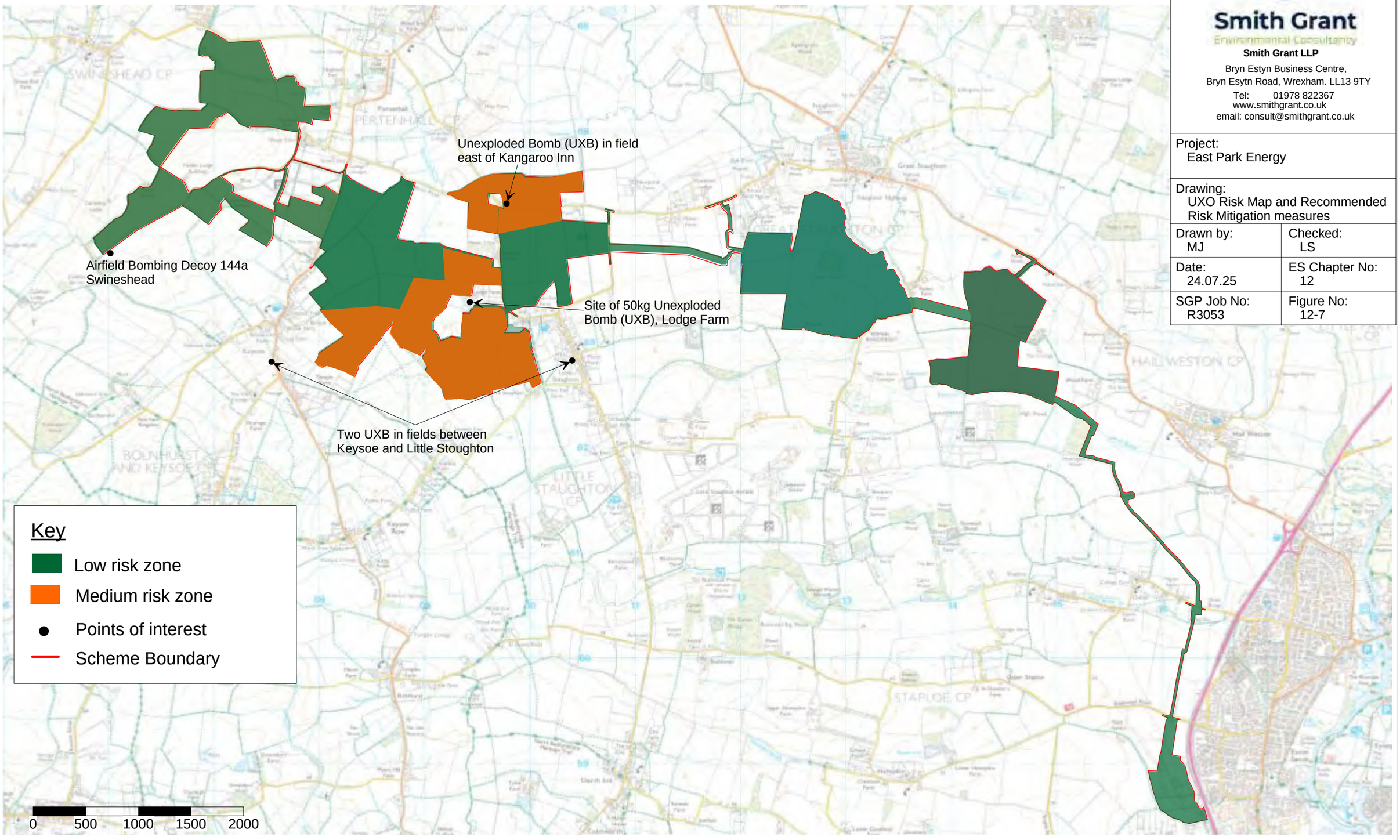
Project: East Park Energy	
Drawing: Cable Corridor - Site D to Eaton Socon Substation	
Drawn by: MJ	Checked: LS
Date: 14.08.24	PEIR Chapter No: 12
SGPJob No: R3053	Figure No: 12-7



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Project: East Park Energy	
Drawing: UXO Risk Map and Recommended Risk Mitigation measures	
Drawn by: MJ	Checked: LS
Date: 24.07.25	ES Chapter No: 12
SGP Job No: R3053	Figure No: 12-7

APPENDIX A

Proposed Layout

Rev	Date	Comment
P01	30/09/2025	DCO Application

Order Limits

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Client
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Project
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Drawing Title
Illustrative Environmental Masterplan Key Plan (Sheet 0 of 14)

Scale
1:20,000 @A1

Status
DCO Application

APFP Reference
Regulation 5(2)(a)

Submission Reference
EN010141/DR/6.3

Dwg no
Figure 2-1a

Rev
P01

Proposed hedgerow for landscape integration and visual screening.

Proposed hedgerow with trees approximately along alignment of historic boundary, for landscape integration and habitat connectivity.

Proposed woodland belt for landscape integration, visual screening, and habitat connectivity.

Existing public right of way set within corridor or riparian woodland blocks with hedgerows and intermittent riparian tree groups to reduce visual impact of solar development, and provide improved habitat connectivity and ecosystem benefits alongside Pertenhall Brook.

Existing crossing of Pertenhall Brook

Solar development avoids flood zone.

Solar development avoids flood zone.

Solar fenceline offset approximately 90-100m from the public right of way to retain sense of openness along footpath to Chadwell Spring.

Proposed hedgerow and trees along south side of public right of way.

Existing public right of way retained along existing alignment

Solar fenceline offset from southern field boundary to avoid development across the land that rises up towards the existing woodland belt. The elevated southern part of this field is more prominent in some views from the north and east.

Proposed species diverse grassland meadows for biodiversity benefit.

Proposed woodland belt along eastern edge of development for landscape integration and habitat connectivity.

Land excluded from Order Limits to avoid development of open rolling hill landform.

Existing public right of way retained within hedgerow lined 'green lane' on approach up the hill towards Middle Lodge Buildings

Landscape Elements:

- Proposed Native Species Woodland or Woodland Belt
- Proposed Native Species Hedgerow
- Proposed Native Species Individual Tree
- Proposed Grazing Pasture or Neutral Grassland
- Proposed Species-Diverse Grassland

Environmental Constraint:

- Flood Zone (sourced from Environment Agency open data)

Rev	Date	Comment
P01	30/09/2025	DCO Application

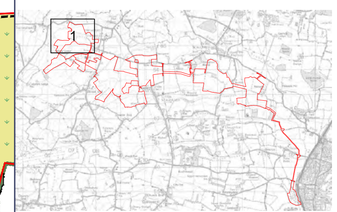
- Order Limits
- Land Excluded from Order Limits

Solar Elements:

- Fenceline
- Solar PV Table
- String Inverter (if Centralised Inverters are used, then String inverters will not be required)
- Centralised Inverter (White) Solar Transformer (Green) (if String Inverters are used, then Centralised Inverters will not be required)
- CCTV
- Access Track
- Gate

Existing Features:

- Existing Vegetation (derived from BlueSky National Tree Map, and a review of aerial imagery)
- Existing Building (derived from Ordnance Survey MasterMap)
- Existing Watercourse (derived from Ordnance Survey MasterMap)
- Existing Public Right of Way (taken from Local Authority Definitive Map)



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Project
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Drawing Title
Illustrative Environmental Masterplan Sheet 1 of 14

Scale
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Status
DCO Application

APFP Reference
Regulation 5(2)(a)

Submission Reference
EN010141/DR/6.3

Dwg no
Figure 2-1b

Rev
P01

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0 100 200 300 400 500m

Species diverse grassland meadows to mitigate for Scheme impacts on ground nesting birds and provide improved habitat for pollinators and small mammals.

Solar development avoided on more steeply north-facing slopes, with proposed hedgerows to create new smaller field parcels similar to historic field pattern.

Proposed tree and shrub belt along northern edge of solar development to supplement existing tree belt for landscape integration and visual screening.

Network of proposed hedgerows to sub-divide solar parcels, providing landscape integration and habitat connectivity.

Proposed woodland planting to extend existing woodland copse and provide visual screening by enclosing a short section of the public right of way.

Fields of species diverse grassland to be created to mitigate for ground nesting birds and provide a broad wildlife corridor between surrounding hedgerows and woodland copses / spinneys.

Proposed tree and shrub belt along north side of public right of way will sit along ridgeline screening views of the solar development from the south. Views south from the public right of way will remain open. The tree and shrub belt will have a secondary benefit of habitat connectivity between woodland blocks to the south-west and north-east.

Tumpling Lodge

Pond

Pond

River

Pond

Lake

Landscape Elements:

- Proposed Native Species Woodland or Woodland Belt
- Proposed Native Species Hedgerow
- Proposed Native Species Individual Tree
- Proposed Grazing Pasture or Neutral Grassland
- Proposed Species-Diverse Grassland

Rev	Date	Comment
P01	30/09/2025	DCO Application

- Order Limits
- Land Excluded from Order Limits

Solar Elements:

- Fenceline
- Solar PV Table
- String Inverter (if Centralised Inverters are used, then String inverters will not be required)
- Centralised Inverter (White) Solar Transformer (Green) (if String Inverters are used, then Centralised Inverters will not be required)
- CCTV
- Access Track
- Gate

Existing Features:

- Existing Vegetation (derived from BlueSky National Tree Map, and a review of aerial imagery)
- Existing Building (derived from Ordnance Survey MasterMap)
- Existing Solar Farm
- Existing Watercourse (derived from Ordnance Survey MasterMap)
- Existing Public Right of Way (taken from Local Authority Definitive Map)

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Drawing Title
Illustrative Environmental Masterplan Sheet 2 of 14

Scale
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Status
DCO Application

APFP Reference
Regulation 5(2)(a)

Submission Reference
EN010141/DR/6.3

Dwg no
Figure 2-1c

Rev
P01

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N

0 100 200 300 400 500m

Existing access from B660 to Site A

Proposed woodland copse for landscape integration, visual screening, and ecological benefit.

Solar fenceline set back from the B660 to reduce prominence of the Scheme in views from the road between Keysoe and Pertenhall. Proposed woodland belt along north and south sides of road will provide screening of development and improve habitat connectivity.

Proposed riparian woodland alongside watercourse for ecological and landscape integration benefits.

Solar development avoids flood zone along watercourse.

Proposed hedgerow and trees to form visual screening between solar development and watercourse

Proposed riparian woodland copses in flood zone alongside watercourse for landscape integration and ecological benefit.

Existing public right of way retained along existing alignment and set within a proposed hedgerows and trees to create a 'green lane' through the development that will also have habitat connectivity benefits.

Proposed hedgerows to create 'green lane' through the site for visual screening and landscape integration benefits.

Existing public right of way retained.

Solar fenceline offset from Pentland House / Grange Court to create enclosed species diverse grassland meadow in part of field closest to properties.

Landscape Elements:

- Proposed Native Species Woodland or Woodland Belt
- Proposed Native Species Hedgerow
- Proposed Native Species Individual Tree
- Proposed Grazing Pasture or Neutral Grassland
- Proposed Species-Diverse Grassland

Environmental Constraint:

- Flood Zone (sourced from Environment Agency open data)

Rev	Date	Comment
P01	30/09/2025	DCO Application

- Order Limits
- Land Excluded from Order Limits

Solar Elements:

- Fenceline
- Solar PV Table
- String Inverter (if Centralised Inverters are used, then String inverters will not be required)
- Centralised Inverter (White) Solar Transformer (Green) (if String Inverters are used, then Centralised Inverters will not be required)
- CCTV
- Access Track
- Gate

Existing Features:

- Existing Vegetation (derived from BlueSky National Tree Map, and a review of aerial imagery)
- Existing Building (derived from Ordnance Survey MasterMap)
- Existing Solar Farm
- Existing Watercourse (derived from Ordnance Survey MasterMap)
- Existing Public Right of Way (taken from Local Authority Definitive Map)

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Drawing Title
Illustrative Environmental Masterplan Sheet 3 of 14

Scale: **1:2500 @A1**
Status: **DCO Application**
APFP Reference: **Regulation 5(2)(a)**
Submission Reference: **EN010141/DR/6.3**
Dwg no: **Figure 2-1d**
Rev: **P01**

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Existing structure

Existing public right of way retained on current alignment and set within more open and natural setting and the centre of Site B. The proposed woodland blocks, hedgerows and individual trees connect with the existing woodland blocks to the east.

Existing public rights of way retained on current alignment and set within wide 'green lanes' through Site B on a north-south and east-west axis. The routes meet centrally here.

Proposed woodland belt to provide visual screening and habitat connectivity.

Existing woodland copses retained.

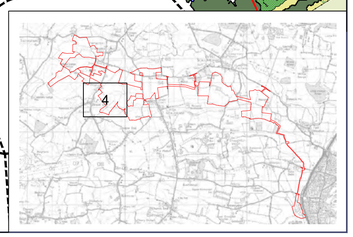
Solar development avoids flood zone.

Woodland copse for visual screening and landscape integration. Scale and position of copse reinforces existing landscape characteristics of small copses within and around Site B.

Retention of existing vegetation, watercourses and ditches across Site B.

Field has a low rise and ridgeline that is visible from local public rights of way, including from the west. Solar develpoment avoids land that rises up towards the ridgeline. It is proposed this land is kept open and seeded with species diverse grassland for ecological mitigation and benefits.

'Green lanes' through the site have secondary function as wildlife corridors.



Order Limits

Solar Elements:

Fenceline

Solar PV Table

String Inverter
(if Centralised Inverters are used, then String inverters will not be required)

Centralised Inverter (White)
Solar Transformer (Green)
(if String Inverters are used, then Centralised Inverters will not be required)

CCTV

Access Track

Gate

Existing Features:

Existing Vegetation
(derived from BlueSky National Tree Map, and a review of aerial imagery)

Existing Building
(derived from Ordnance Survey MasterMap)

Existing Watercourse
(derived from Ordnance Survey MasterMap)

Existing Public Right of Way
(taken from Local Authority Definitive Map)

Proposed Permissive Access

Landscape Elements:

Proposed Native Species Woodland or Woodland Belt

Proposed Native Species Hedgerow

Proposed Native Species Individual Tree

Proposed Grazing Pasture or Neutral Grassland

Proposed Species-Diverse Grassland

Environmental Constraint:

Flood Zone
(sourced from Environment Agency open data)

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Illustrative Environmental Masterplan Sheet 4 of 14

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APFP Reference
Regulation 5(2)(a)

Submission Reference
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Dwg no
Figure 2-1e

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Proposed woodland belt to reinforce existing tree belt along eastern side of The Kangaroo.

Proposed hedgerow along existing field boundary

Site access

Proposed woodland planting to provide increased buffer to The Kangaroo.

Proposed hedgerow to provide landscape integration and visual screening.

Break required through existing hedgerow for access

New access on north side of existing access, to avoid taking construction traffic along the public footpath north of Lodge Farm

Proposed hedgerows to enclose field on northern and eastern boundaries of field.

Proposed woodland belt to screen solar development and improve habitat connectivity.

Land outside Order Limits and retained in agricultural use.

Site access

'Green lane' alongside existing public right of way to screen solar development to the west.

Solar development excluded from utility easement corridors.

The Kangaroo

Lodge Farm

Little Hollow Cottage

Home Close

Lodge Farm

Main

Landscape Elements:

- Proposed Native Species Woodland or Woodland Belt
- Proposed Native Species Hedgerow
- Proposed Native Species Individual Tree
- Proposed Grazing Pasture or Neutral Grassland
- Proposed Species-Diverse Grassland

Environmental Constraint:

- Flood Zone (sourced from Environment Agency open data)

Rev	Date	Comment
P01	30/09/2025	DCO Application

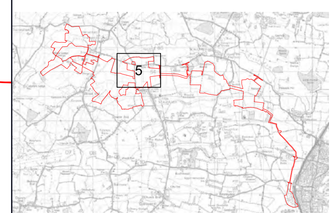
- Order Limits
- Land Excluded from Order Limits

Solar Elements:

- Fenceline
- Solar PV Table
- String Inverter (if Centralised Inverters are used, then String inverters will not be required)
- Centralised Inverter (White) Solar Transformer (Green) (if String Inverters are used, then Centralised Inverters will not be required)
- Acoustic Fence around Centralised Inverter / Solar Transformer
- CCTV
- Access Track
- Gate

Existing Features:

- Existing Vegetation (derived from BlueSky National Tree Map, and a review of aerial imagery)
- Existing Building (derived from Ordnance Survey MasterMap)
- Existing Buried Utility Easement
- Existing Watercourse (derived from Ordnance Survey MasterMap)
- Existing Public Right of Way (taken from Local Authority Definitive Map)



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Dwg no
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Proposed woodland belt for visual screening and landscape integration.

Site access

Shallow rooting hedgerow species across utility easements.

Site access

Lodge Farm

Solar development excluded from utility easement corridors.

Proposed woodland planting for visual screening and landscape integration.

Proposed hedgerow to provide boundary between public right of way and solar development.

Proposed woodland belts with intermittent trees to create 'green lane' around edge of field that provides partial screening, but continues to allow intermittent views out to the north.

Existing vegetation and habitats retained and enhanced.

Field removed from solar development and retained as species diverse grassland for ecological benefits.

Proposed permissive footpath.

Proposed permissive footpath to create circular route.

Proposed permissive footpaths.

Proposed woodland belts with intermittent trees to create 'green lane' around edge of field that provides partial screening, but continues to allow intermittent views out to the north.

Existing field ditch retained within appropriate buffer, to function as wildlife corridor.

Little Staughton

West End

West End Farm

Green End

Green End Farm

Recreation Ground

Pond

Church View

Post Office Cottages

School House

Chapel House

Chapel

Salints' Church

The Old Rectory

Manor Farm House

Manor Farm Barn

Highlands House

Hill Farm

Hill House

Rose Cottage

Orchard House

Renstone House

Cherry Trees

Chestnuts

Riverside Cottage

Lakeside House

Tanglewood

Rightons

Thatch Cottage

Tanglewood Cottage

Hope Villa

Hope Cottage

Cherry View

Linden

Lynden

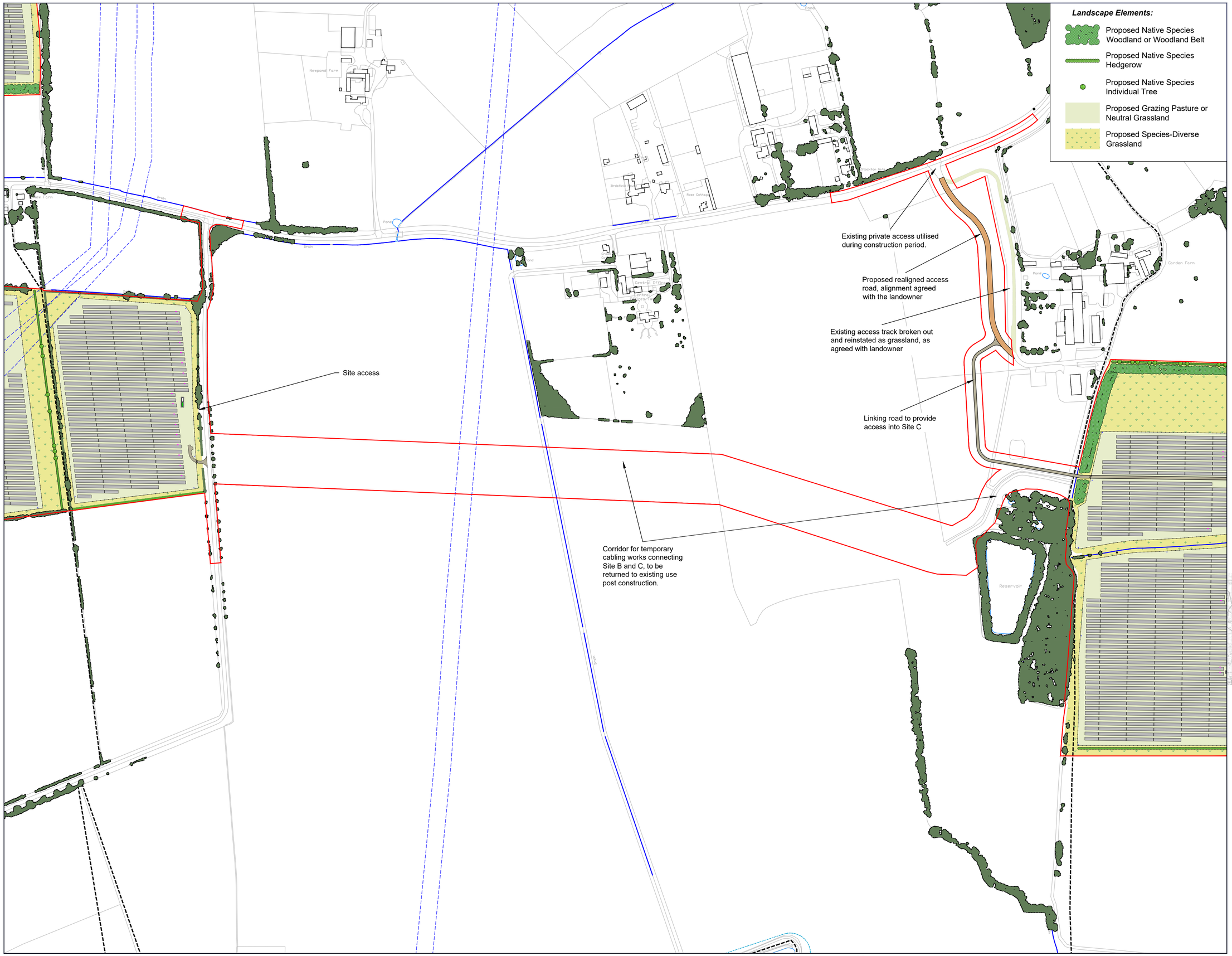
Manor Farm Cottages

Manor Farm Barn

Manor Farm Cottages

Manor Farm Cottages

Manor Farm Cottages



Rev	Date	Comment
P01	30/09/2025	DCO Application

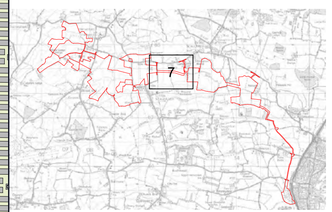
Order Limits

Solar Elements:

- Fenceline
- Solar PV Table
- String Inverter (if Centralised Inverters are used, then String inverters will not be required)
- Centralised Inverter (White) Solar Transformer (Green) (if String Inverters are used, then Centralised Inverters will not be required)
- CCTV
- Heavy Duty Access Track
- Access Track
- Gate

Existing Features:

- Existing Vegetation (derived from BlueSky National Tree Map, and a review of aerial imagery)
- Existing Building (derived from Ordnance Survey MasterMap)
- Existing Buried Utility Easement
- Existing Watercourse (derived from Ordnance Survey MasterMap)
- Existing Public Right of Way (taken from Local Authority Definitive Map)



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Proposed hedgerow with intermittent trees and woodland belt to form northern boundary to solar development and provide screening

Proposed woodland belt to delineate boundary to the solar development, provide visual screening, habitat connectivity, and to create separation to the scheduled monument.

New Wood retained and protected.

Land recently designated as Scheduled Monument. Existing arable use to be replaced by species-diverse grasslands for ecological and archaeological benefit.

Existing rural business (building not shown on OS maps)

Existing ditch retained.

Proposed hedgerow for landscape integration and habitat connectivity

Existing public right of way retained

Proposed woodland belt for visual screening and habitat connectivity

Environmental Constraint:

- Flood Zone (sourced from Environment Agency open data)
- Scheduled Monument (sourced from Historic England open data)
- Roman Town Scheduled Monument

Landscape Elements:

- Proposed Native Species Woodland or Woodland Belt
- Proposed Native Species Hedgerow
- Proposed Native Species Individual Tree
- Proposed Grazing Pasture or Neutral Grassland
- Proposed Species-Diverse Grassland

Rev	Date	Comment
P01	30/09/2025	DCO Application

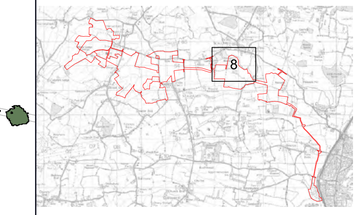
- Order Limits

Solar Elements:

- Fenceline
- Solar PV Table
- String Inverter (if Centralised Inverters are used, then String inverters will not be required)
- Centralised Inverter (White) Solar Transformer (Green) (if String Inverters are used, then Centralised Inverters will not be required)
- CCTV
- Access Track
- Gate

Existing Features:

- Existing Vegetation (derived from BlueSky National Tree Map, and a review of aerial imagery)
- Existing Building (derived from Ordnance Survey MasterMap)
- Existing Buried Utility Easement
- Existing Watercourse (derived from Ordnance Survey MasterMap)
- Existing Public Right of Way (taken from Local Authority Definitive Map)



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New Wood retained and protected.

Land recently designated as Scheduled Monument. Existing arable use to be replaced by species-diverse grasslands for ecological and archaeological benefit.

Existing ditch retained.

Existing rural business (building not shown on OS maps)

Proposed hedgerow for landscape integration and habitat connectivity

Proposed woodland belt to delineate boundary to the solar development, provide visual screening, habitat connectivity, and to create separation to the scheduled monument.

Hedgerow reinstatement following construction

Proposed woodland belt for visual screening and habitat connectivity

Existing public right of way retained

Operational access to Site C from Moor Road

Scheduled Monuments excluded from Order Limits

Solar fenceline offset from southern field boundary to avoid development along the ridgeline in views from the north, and avoid solar development being dominant in glimpsed views through hedgerow from footpath to the south.

Tom's Wood

Pond

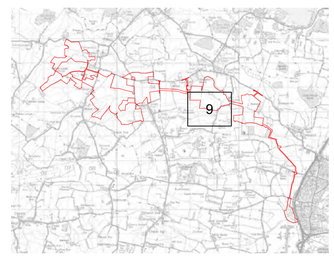
Moor Farm Cottages

Roman Field Cottages

Moor Road

Landscape Elements:

- Proposed Native Species Woodland or Woodland Belt
- Proposed Native Species Hedgerow
- Proposed Native Species Individual Tree
- Proposed Grazing Pasture or Neutral Grassland
- Proposed Species-Diverse Grassland



- Order Limits
- Land Excluded from Order Limits

Solar Elements:

- Fenceline
- Solar PV Table
- String Inverter (if Centralised Inverters are used, then String inverters will not be required)
- Centralised Inverter (White) Solar Transformer (Green) (if String Inverters are used, then Centralised Inverters will not be required)
- CCTV
- Access Track
- Gate

Existing Features:

- Existing Vegetation (derived from BlueSky National Tree Map, and a review of aerial imagery)
- Existing Building (derived from Ordnance Survey MasterMap)
- Existing Buried Utility Easement
- Existing Watercourse (derived from Ordnance Survey MasterMap)
- Existing Public Right of Way (taken from Local Authority Definitive Map)

Environmental Constraint:

- Flood Zone (sourced from Environment Agency open data)
- Scheduled Monument (sourced from Historic England open data)
- Roman Town Scheduled Monument

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Submission Reference
EN010141/DR/6.3

Dwg no
Figure 2-1j

Rev
P01

Solar development excluded from utility easement corridors.

Woodland belts to provide visual screening, landscape integration, and habitat connectivity.

Existing isolated woodland block extended to north and south to connect with wider habitats.

BESS and Substation Retention Basin

Rainwater harvesting tanks

Access track crosses utility at approximately perpendicular angle.

Proposed woodland belts set either side of the existing public right of way to provide screening, with gaps over utility easements to allow intermittent views out and reduce sense of total enclosure.

30m buffer around National Grid pylon.

Proposed hedgerow around perimeter of field.

Existing public right of way retained within 'green lane' formed by hedgerows with trees.

Main Site Access from B645

Outfall from BESS/Substation drainage to this field ditch

Proposed hedgerow with intermittent trees to provide visual screening and landscape integration.

Secondary emergency access to the BESS

'Agrisolar' research area to be delivered in partnership with Rothamsted Agricultural Research Centre.

Cable crossing of utility easments at an approximately perpendicular angle.

Proposed woodland belts for visual screening, landscape integration, and habitat connectivity.

- Order Limits

Solar Elements:

- Fenceline
- Palisade Security Fencing
- Solar PV Table
- String Inverter (if Centralised Inverters are used, then String inverters will not be required)
- Centralised Inverter (White) Solar Transformer (Green) (if String Inverters are used, then Centralised Inverters will not be required)
- CCTV
- 'Agrisolar' Research Area
- Access Track
- Heavy Duty Access Track
- Impermeable Surface
- Drainage Retention Basin
- Gate
- Battery Storage Unit
- Battery Transformer Container
- Auxiliary Transformer
- Battery Control Building
- Water Storage Tank
- Substation Control Building
- Operations and Maintenance Building
- 400 kV Grid Connection (Underground)

Rev	Date	Comment
P01	30/09/2025	DCO Application

Existing Features:

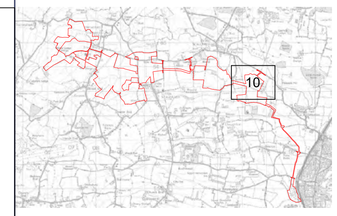
- Existing Vegetation (derived from BlueSky National Tree Map, and a review of aerial imagery)
- Existing Building (derived from Ordnance Survey MasterMap)
- Existing Buried Utility Easement
- Existing Watercourse (derived from Ordnance Survey MasterMap)
- Existing Public Right of Way (taken from Local Authority Definitive Map)

Landscape Elements:

- Proposed Native Species Woodland or Woodland Belt
- Proposed Native Species Hedgerow
- Proposed Native Species Individual Tree
- Proposed Grazing Pasture or Neutral Grassland
- Proposed Species-Diverse Grassland

Environmental Constraint:

- Roman Town Scheduled Monument
- Flood Zone (sourced from Environment Agency open data)



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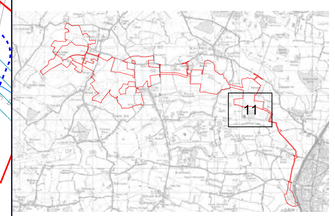

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N

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Proposed 400kV cabling outside of Ancient Woodland buffer area.

Rev	Date	Comment
P01	30/09/2025	DCO Application

Order Limits

Solar Elements:

400 kV Grid Connection (Underground)

Existing Features:

Existing Vegetation
(derived from BlueSky National Tree Map, and a review of aerial imagery)

Existing Building
(derived from Ordnance Survey MasterMap)

Existing Buried Utility Easement

Existing Watercourse
(derived from Ordnance Survey MasterMap)

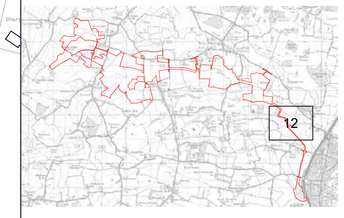
Existing Public Right of Way
(taken from Local Authority Definitive Map)

Environmental Constraint:

Ancient Woodland
(sourced from Forestry Commission open data)

Ancient Woodland 15m Buffer Area

Flood Zone
(sourced from Environment Agency open data)



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Rev	Date	Comment
P01	30/09/2025	DCO Application

Order Limits

Solar Elements:

400 kV Grid Connection (Underground)

Existing Features:

Existing Vegetation
(derived from BlueSky National Tree Map, and a review of aerial imagery)

Existing Building
(derived from Ordnance Survey MasterMap)

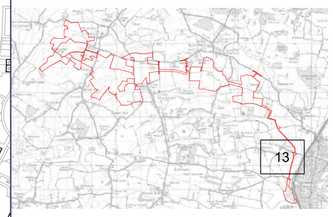
Existing Buried Utility Easement

Existing Watercourse
(derived from Ordnance Survey MasterMap)

Existing Public Right of Way
(taken from Local Authority Definitive Map)

Environmental Constraint:

Flood Zone
(sourced from Environment Agency open data)



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Order Limits

Solar Elements:

400 kV Grid Connection (Underground)

Existing Features:

Existing Vegetation
(derived from BlueSky National Tree Map, and a review of aerial imagery)

Existing Building
(derived from Ordnance Survey MasterMap)

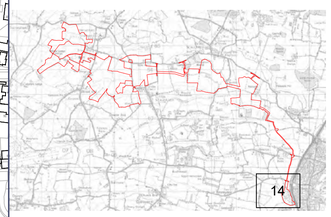
Existing Buried Utility Easement

Existing Watercourse
(derived from Ordnance Survey MasterMap)

Existing Public Right of Way
(taken from Local Authority Definitive Map)

Environmental Constraint:

Flood Zone
(sourced from Environment Agency open data)



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APPENDIX B

Photographic Record

Parcel A

1.

03.10.23 – View to the north

2.

03.10.23 – Footpath across ditch leading onto fields

3.

03.10.23 – View to the southwest across central field

4.

03.10.23 – View into northern field

5.

03.10.23 – View along field boundary running through centre of site

6.

03.10.23 – View to the southeast from centre of site

7.

03.10.23 – View into northern field

8.

03.10.23 – View along footpath to the west.

9.

03.10.23 – View south of woodland patch in the centre of the site

10.

03.10.23 - View into northern field

11.

03.10.23 – View to the south of western field

12.

03.10.23 – View from west boundary to the southeast

13.

03.10.23 – Middle Lodge buildings to the north

14.

03.10.23 – Gravelly footpath surface

15.

03.10.23 – View southeast from Middle Lodge Buildings

16.

03.10.23 – View southwest along bridleway

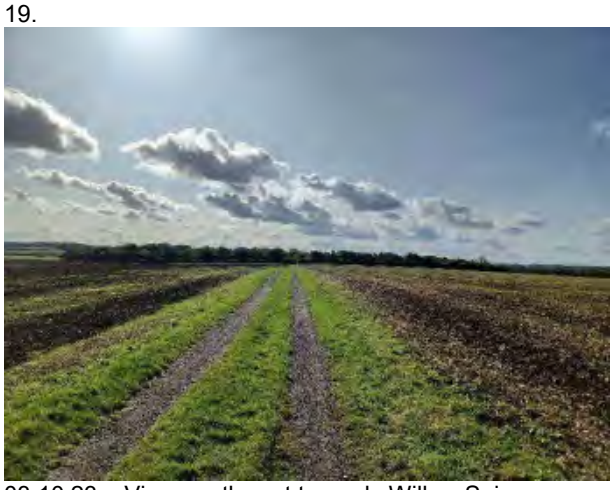
17.

03.10.23 – Approximate location of Beaver Lodge

18.

03.10.23 – Tree in centre of photo marks pond location.

19.



03.10.23 – View southwest towards Willow Spinney

20.

03.10.23 – View northeast along bridleway

21.

03.10.23 – Approximate location of historical off-site gravel pit

22.

03.10.23 – View east of off-site solar farm

23.

03.10.23 – View of access track to southeast field of site

24.

03.10.23 – View across field to the southwest

25.

03.10.23 – View of track linking to Pertenhall Road

26.

03.10.23 – Manor Farm

27.

03.10.23 – Approximate location of historical pond

28.

03.10.23 – Surface ground conditions with gravel and concrete

29.

03.10.23 – View east across northeast field

30.

03.10.23 – View west across northeast field

31. 03.10.23 – Surface watercourse running through north fields	32. 03.10.23 – Surface watercourse
33. 03.10.23 – Concrete bridge in northeast of northern field	34. 03.10.23 – View to the north from footpath

Parcel B

1.

04.10.23 – View north from the southeast boundary

2.

04.10.23 – View northwest from entry point

3.

04.10.23 – Gravel footpath

4.

04.10.23 – Looking into the southwestern field

5.

04.10.23 – Ditch running through southeastern section of site

6.

04.10.23 – View back northwards

7.

04.10.23 – View northwards from southern footpath

8.

04.10.23 – View along eastern footpath

9.

04.10.23 – View eastwards

10.

04.10.23 – Gas pipeline marker

11.

04.10.23 – Footpath surface in south of site

12.

04.10.23 – View towards woodland to the south of the site

13.

04.10.23 – View from southern/centre boundary

14.

04.10.23 – View across central fields

15.

04.10.23 – View south across central fields

16.

04.10.23 – View of manhole at T junction of footpaths in the north and footpath surface

17.

04.10.23 – Elstow Brook in the north of the site

18.

04.10.23 – View towards approximate location of off-site gravel pit

19.

04.10.23 – View southeast across northern fields

20.

04.10.23 – View of Elstow Brook into northwestern field

21.

04.10.23 – Structure located near northeast boundary

22.

04.10.23 – View towards woodland in the centre/east of the site

23.

04.10.23 – View of Elstow Brook in the centre / east of site

24.

04.10.23 – View into westernmost field

25.

04.10.23 – Farm track leading into centre of site

26.

04.10.23 – Farm track leading to Staughton Road

27.

04.10.23 – View into northeastern field

28.

04.10.23 – View across East field before Lodge Farm

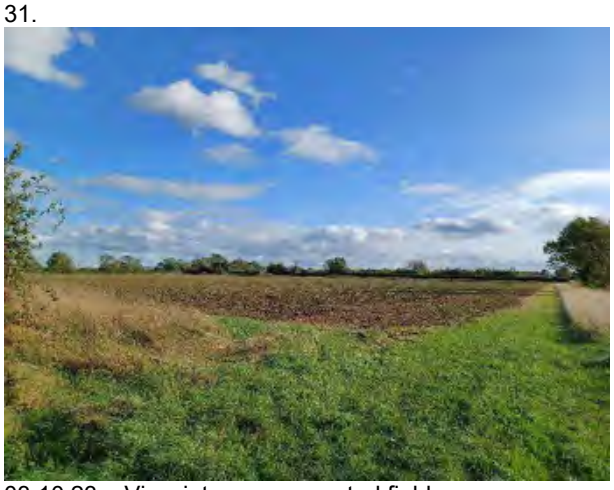
29.

04.10.23 – View east along farm track with Lodge Farm on the right

30.

04.10.23 – View of tarmac track leading to Staughton Road

31.



03.10.23 – View into square central field

32.

03.10.23 – view into northern triangular field

33.

03.10.23 – View across the northern fields

34.

03.10.23 – View into a smaller field adjacent to New Farm

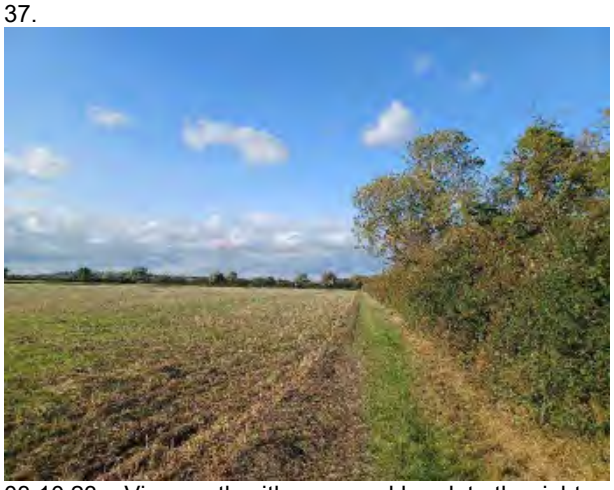
35.

03.10.23 – Unnamed water course from Staughton Road to the north

36.

03.10.23 – View into eastern field from Staughton Road to the east

37.



03.10.23 – View north with unnamed brook to the right

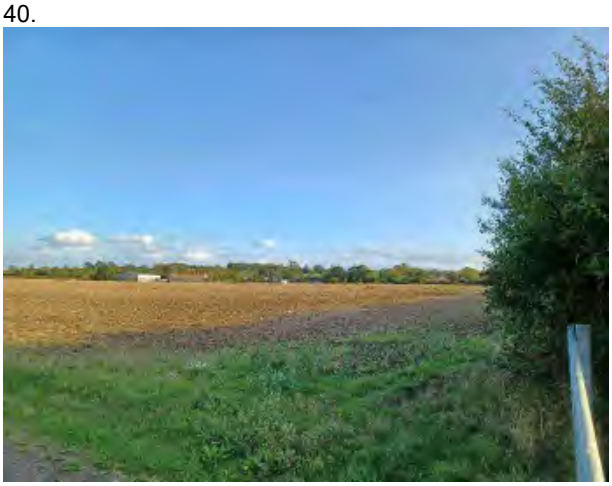
38.

03.10.23 – View into east field from footpath

39.

03.10.23 – View of gas pipeline marker where Green End road curves to the north

40.



03.10.23 – View south towards Green End Farm from Western boundary (Staughton Road)

41.

03.10.23 – View northeast from Western boundary (Staughton Road)

NO PHOTOGRAPH

Parcel C

1.

04.10.23 – View across River Kym northeast boundary

2.

04.10.23 – River Kym along northeast boundary

3.

04.10.23 – Bridge crossing river Kym onto northeast of site

4.

04.10.23 – View towards northern boundary

5.

04.10.23 – View towards New Wood in the centre of site

6.

04.10.23 – View towards eastern corner of site

7.

04.10.23 – View westwards from eastern corner

8.

04.10.23 – River Kym along eastern boundary

9.

04.10.23 – View into site from southeastern corner

10.

04.10.23 – View towards site of approximate connection route

11.

04.10.23 – View of approximate connection route towards Site E

13.

12.

04.10.23 – View of phonelines crossing into Site D from south to north

14.

04.10.23 – View of track leading from Moor Road to barn on site D

04.10.23 – Sheet metal barn located in the east of site D

15.

04.10.23 – View eastwards from southern boundary

16.

04.10.23 -

17.

04.10.23 – View north along field boundary in the centre of site

18.

04.10.23 – small watercourse / land drain on southern boundary

19.

04.10.23 – View north into site

20.

04.10.23 – View northeast from approximate southwest corner

21.

04.10.23 – Approximate view from site E boundary of connection route between sites

NO PHOTOGRAPH

Parcel D

1.

04.10.23 – View into site from southeast corner

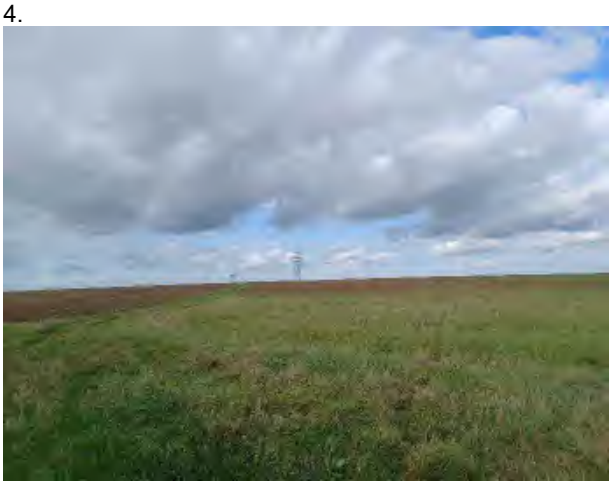
2.

04.10.23 – View of reservoir on southern boundary

3.

04.10.23 – View of entry point onto site via footpath on southern boundary

4.



04.10.23 – View north from southwest corner

5.

04.10.23 – View west into southwestern field

6.

04.10.23 – Pylon on the centre western boundary

7.

04.10.23 – Footpath surface along western boundary

8.

04.10.23 – View southwards back towards pylon

9.

04.10.23 – View east along bridleway

10.

04.10.23 – Fly tipping to the north of bridleway near west boundary

11.

04.10.23 – View east along bridleway

12.

04.10.23 – View to the north from bridleway

13.

04.10.23 – Gas pipeline marker heading to the north

14.

04.10.23 – View into southeast field from bridleway

15.

04.10.23 – View towards Pastures Farm to the east

16.

04.10.23 – Pipeline markers observed to the north of bridleway

17.

04.10.23 - View along northeastern bridleway bounding the site

18.

04.10.23 – View to the west from northeastern boundary

400kV Grid Connection to Eaton Socon Substation

1.

04.10.23 – View southeast from eastern edge of site E

2.

05.10.23 – Approximate view northwest along connection route

3.

05.10.23 – Approximate view southeast along connection route

4.

05.10.23 – View of South Brook crossing the connection route

5.

05.10.23 – View west along road linking to main connection route

6.

05.10.23 – View east along road linking Kimbolton Road to connection route

7.

05.10.23 – View south along connection route near pumping station located to the west of the connection route

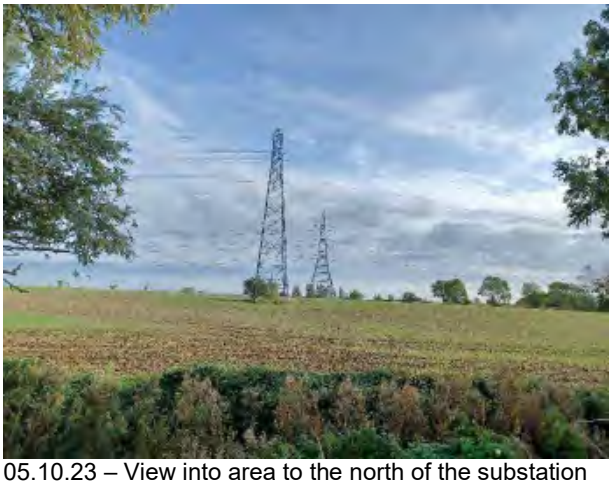
8.

05.10.23 – View of Duloe Brook crossing the connection route

9.

05.10.23 – View south from Duloe Road

10.



05.10.23 – View into area to the north of the substation

11.

05.10.23 – View into substation from the southeast

12.

05.10.23 – Pylons located to the south of the substation

13.

05.10.23 – Pylons linking to substation in the southeast

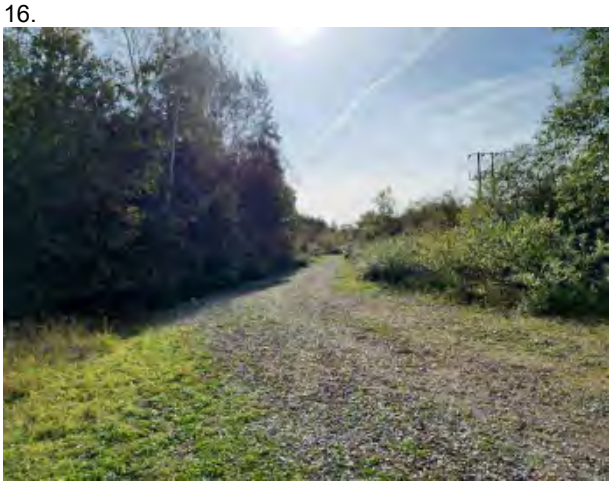
14.

05.10.23 – Rubber mat access track to pylons

15.

05.10.23 – Bund located to the south of substation

16.



05.10.23 – Gravel track leading to the Great North Road (A1)

17.

05.10.23 - View towards substation from west

18.

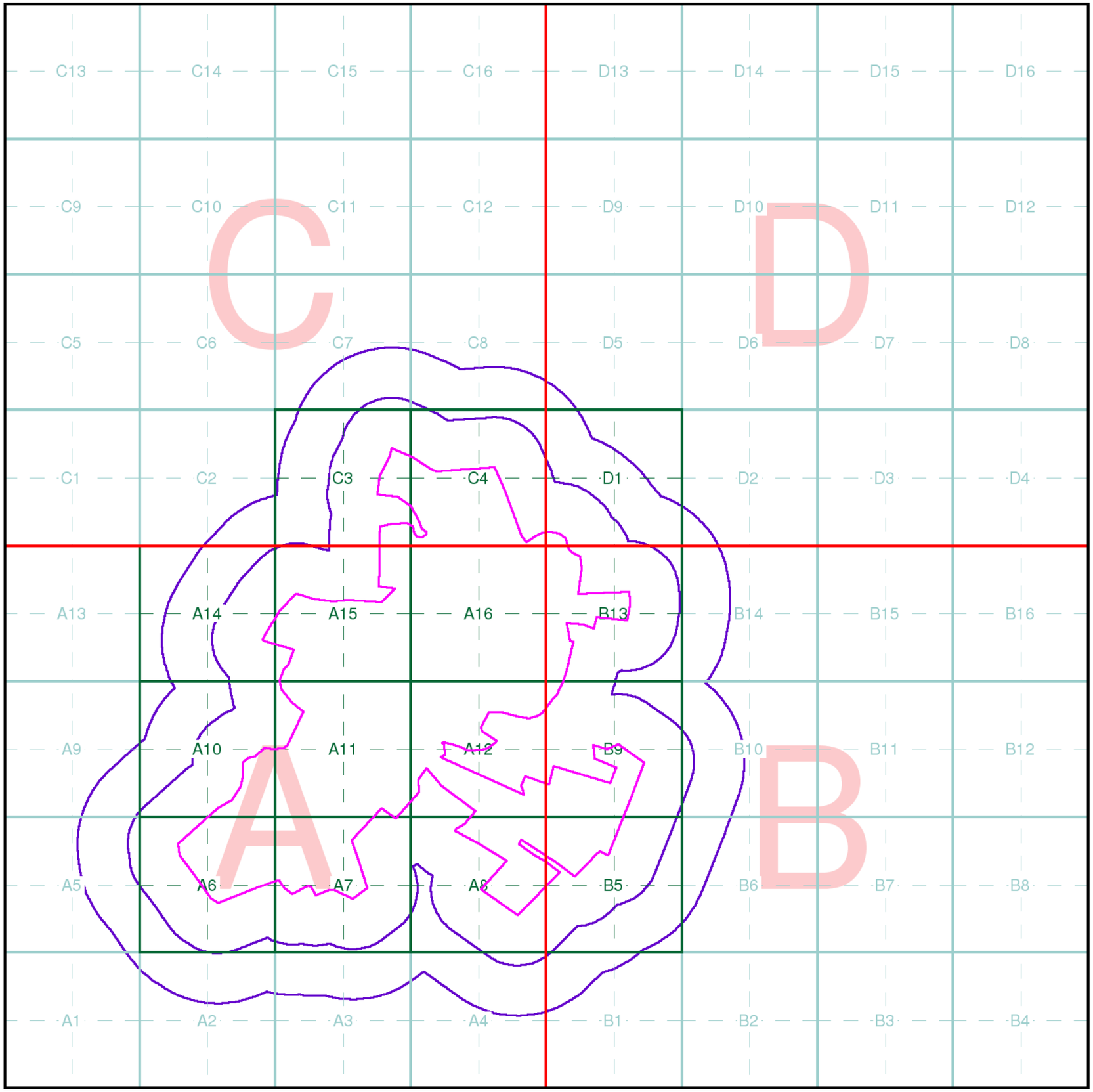
05.10.23 – View of brook bounding the site to the southwest

APPENDIX C1

East Park Site A

Envirocheck Report

(Including Historical Maps)



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Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant
A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:

Map data

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Environment Agency

NATURAL ENGLAND

Envirocheck reports are compiled from 136 different sources of data.

Client Details

[redacted], Smith Grant Partnership, Bryn Estyn Business Centre (Suite 16), Bryn Estyn Road, Wrexham, LL13 9TY

Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507090, 264700
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

Full Terms and Conditions can be found on the following link:
http://www.landmarkinfo.co.uk/Terms/Show/515

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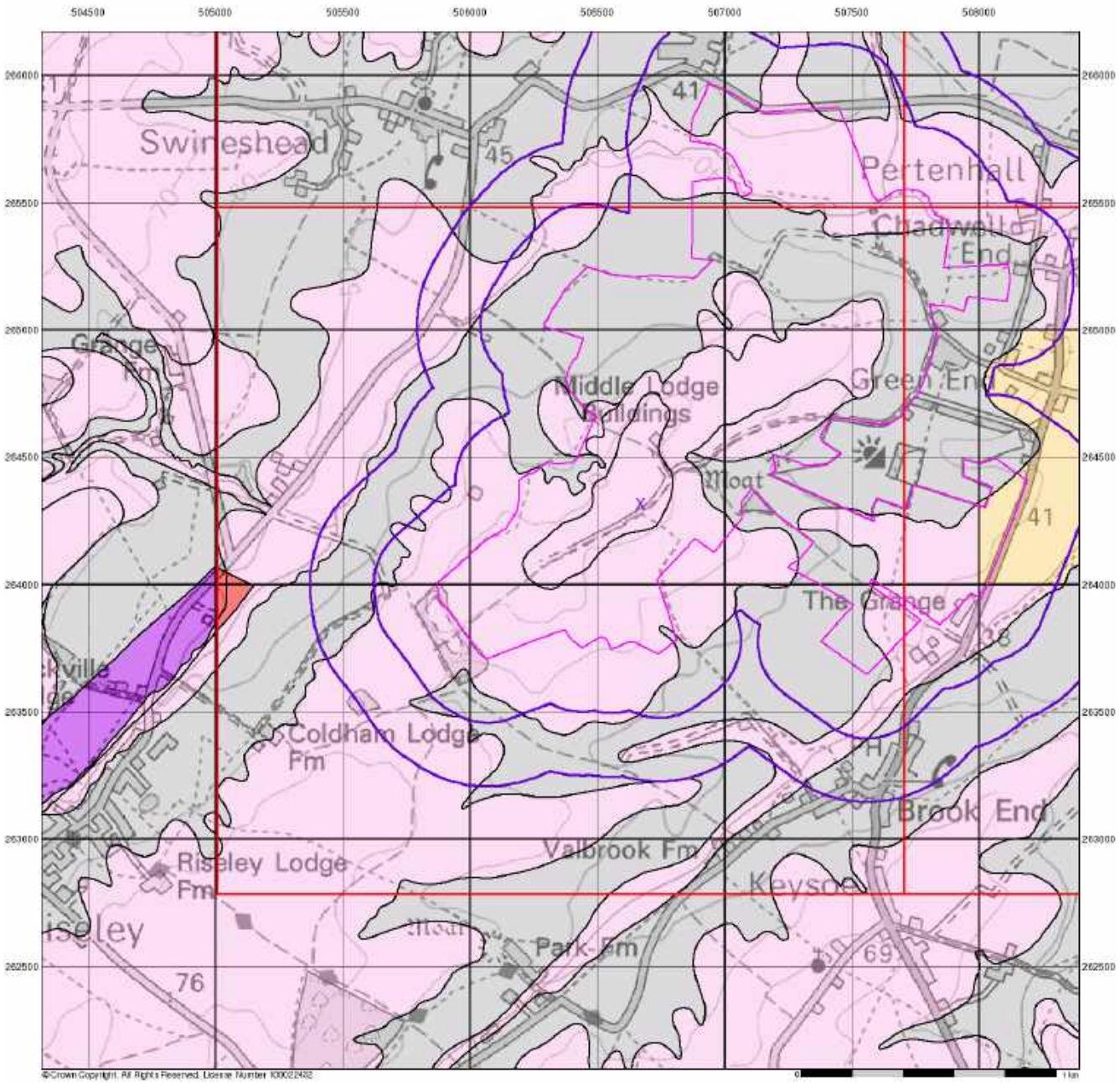
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Groundwater Vulnerability

General

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

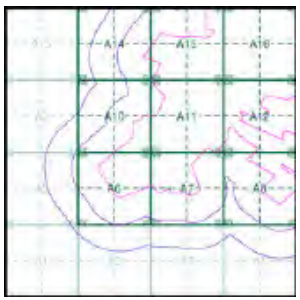
Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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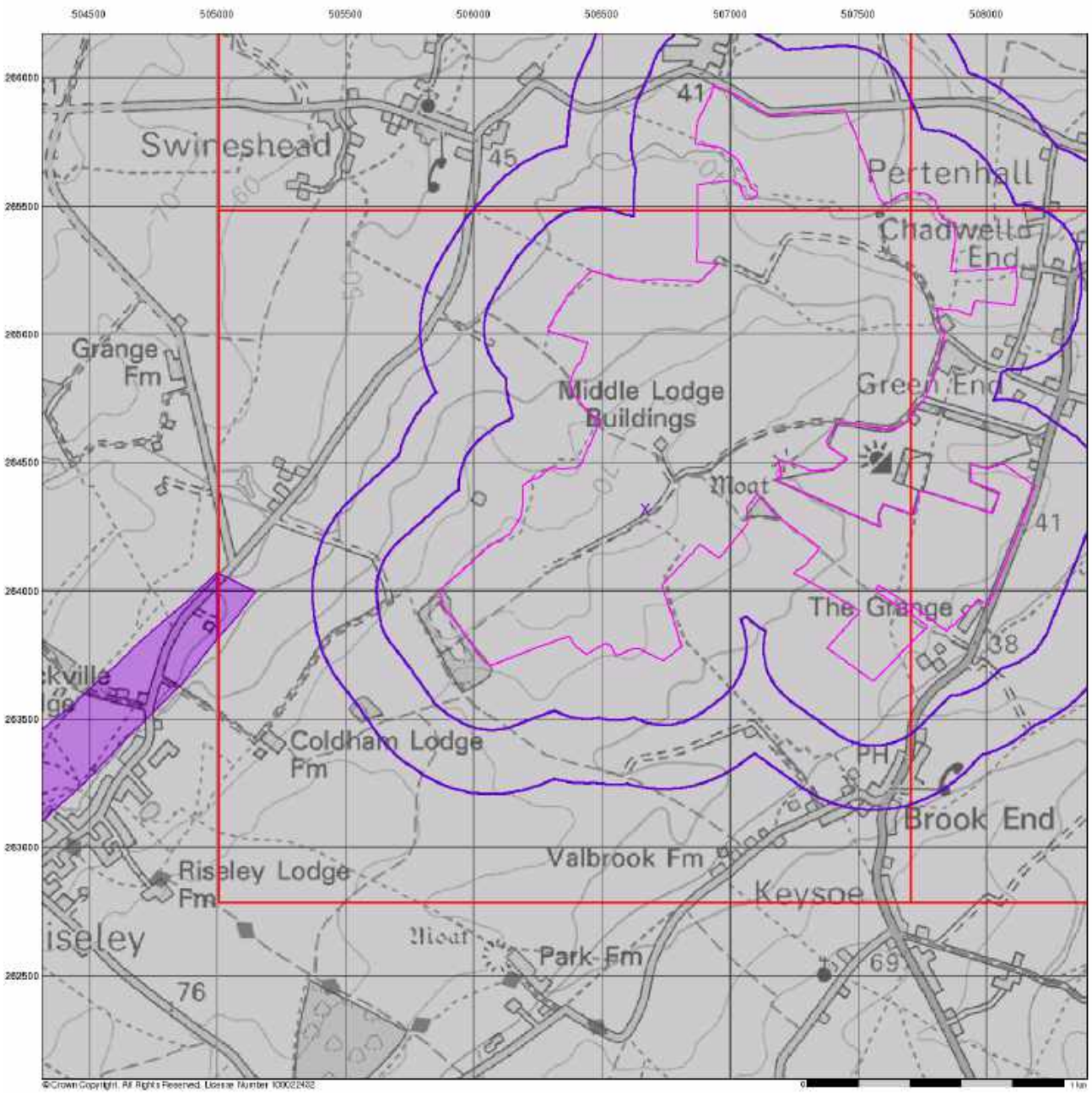

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Bedrock Aquifer Designation

General

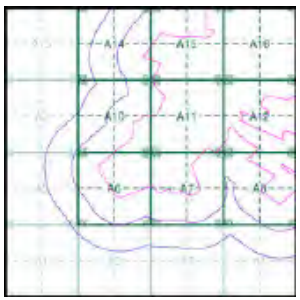
Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

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Slice:	A
Site Area (Ha):	255.74
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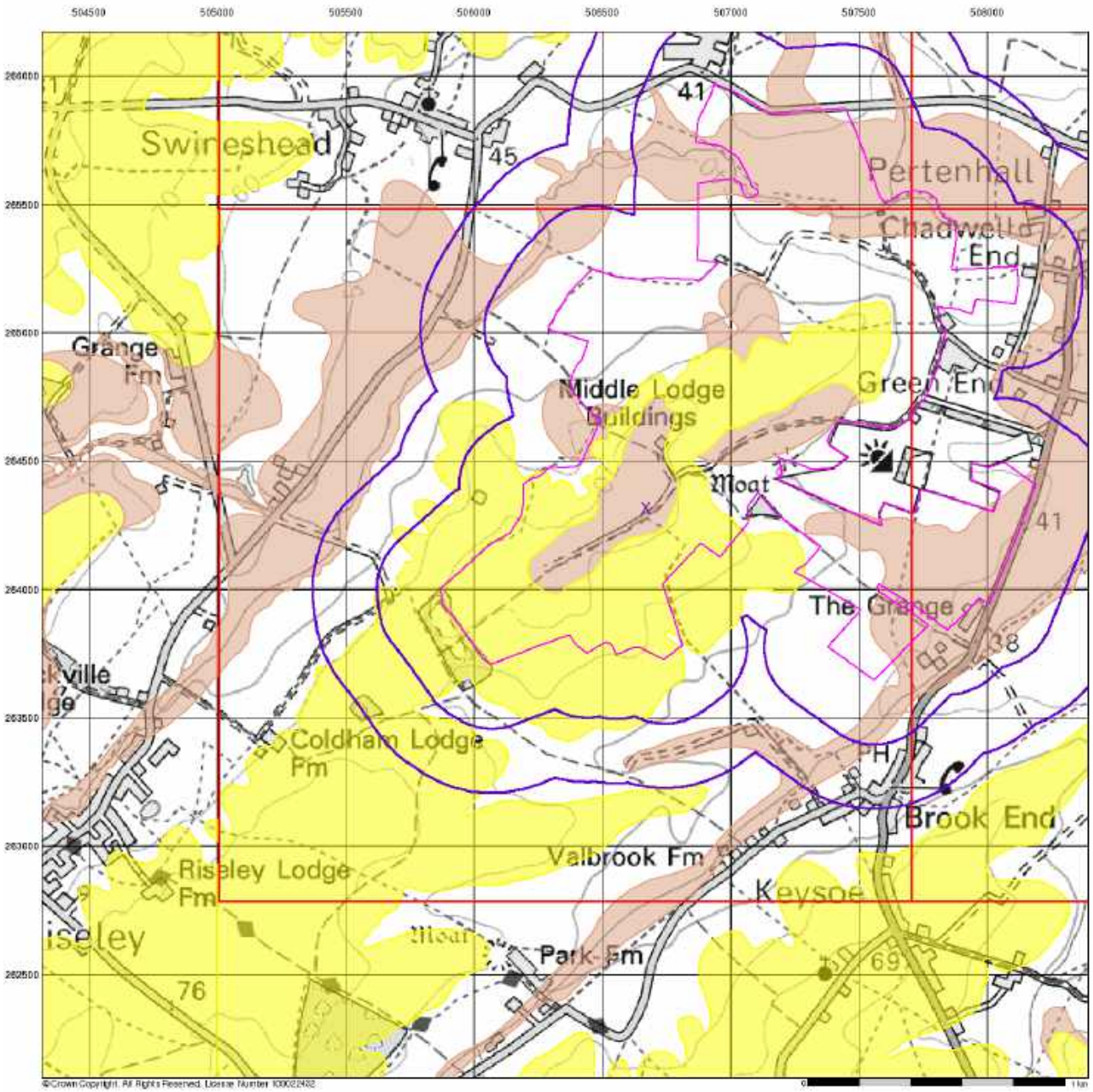
Site Details

Area A



Envirocheck

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Superficial Aquifer Designation

General

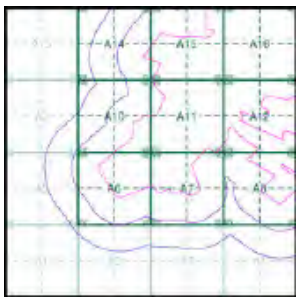
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

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Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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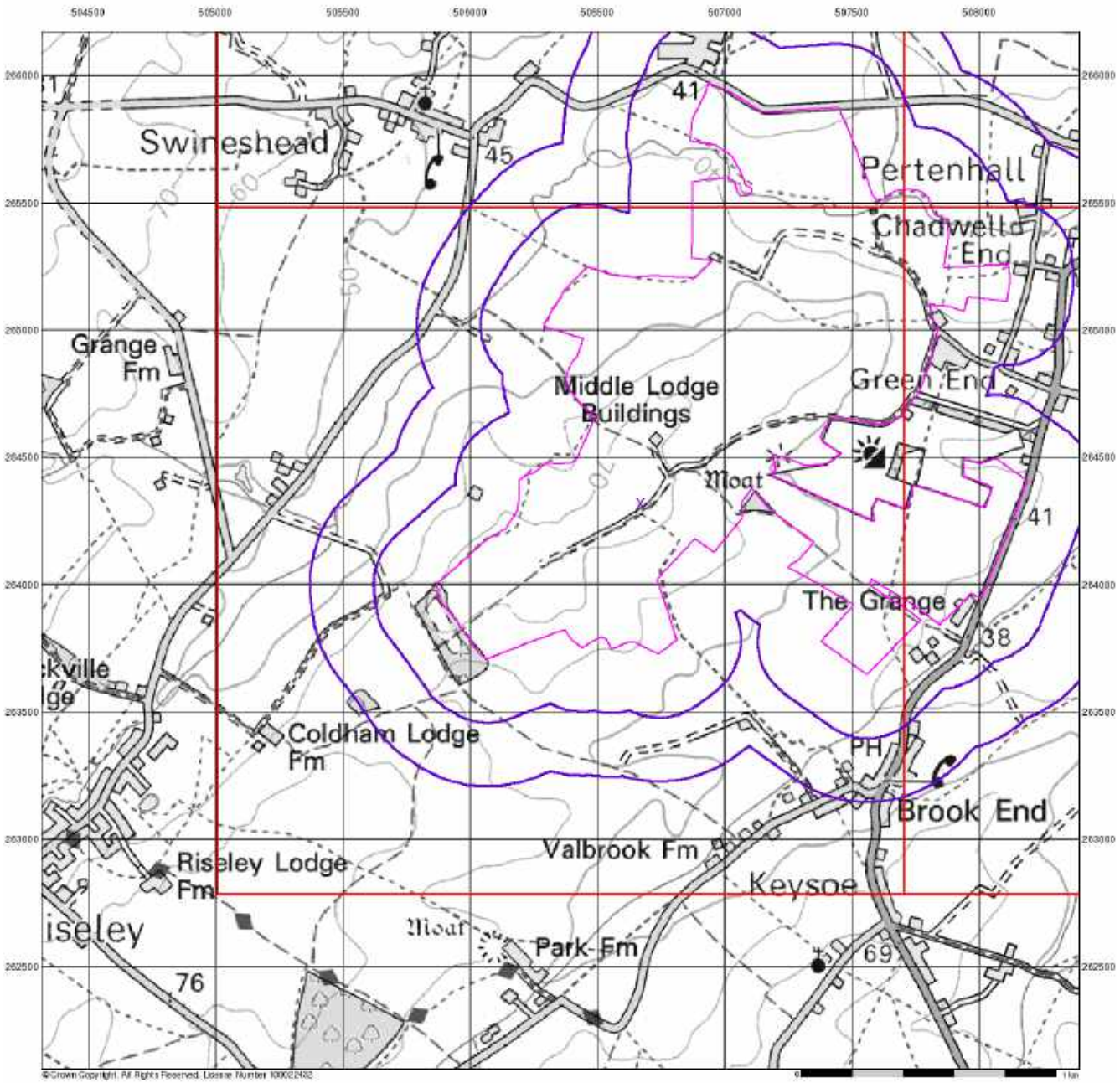

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LANDMARK INFORMATION GROUP

Source Protection Zones

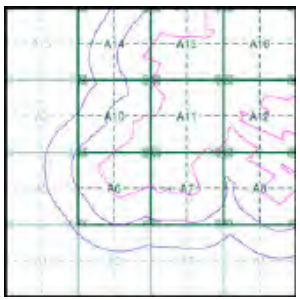
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



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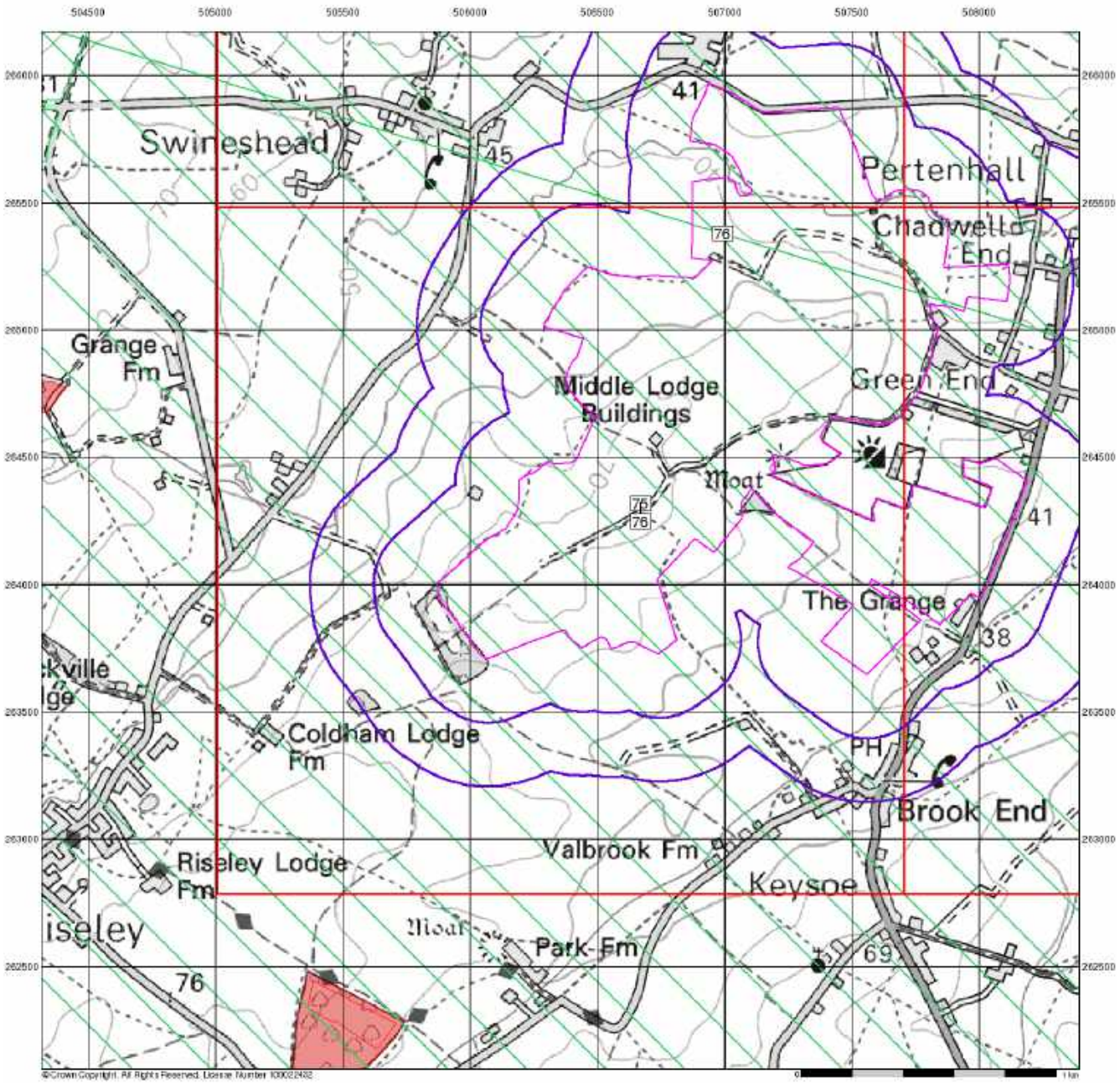

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Sensitive Land Uses

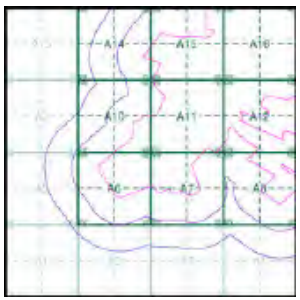
General

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

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice A



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Slice:	A
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Site Details

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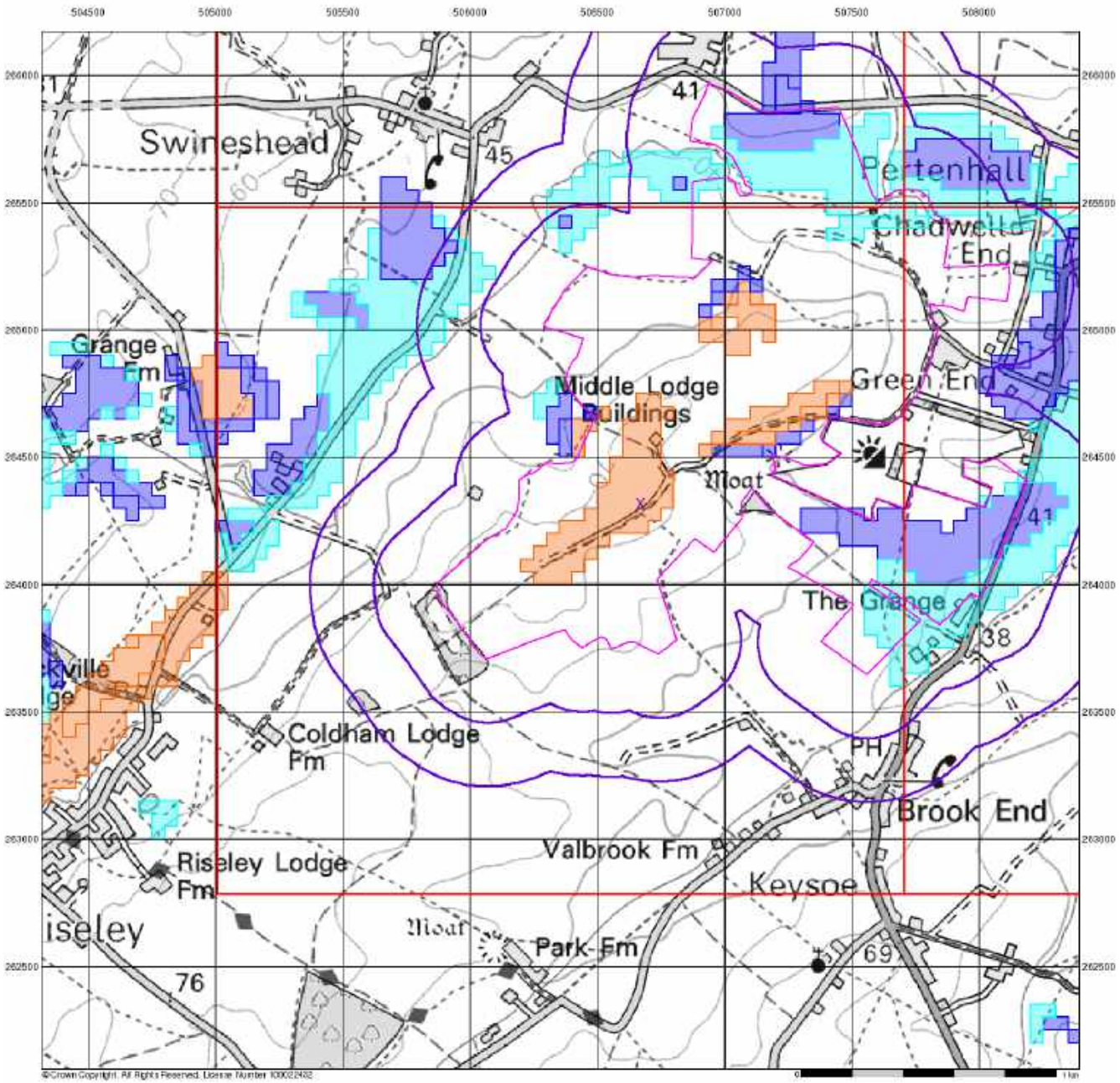

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BGS Flood GFS Data

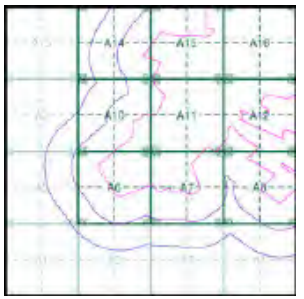
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene
	LSGR	Landscaped Ground (Undivided)	Artificially Modified Ground	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay and Silt	Not Supplied - Holocene
	ODT	Oadby Member	Diamicton	Not Supplied - Anglian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	OXC	Oxford Clay Formation	Mudstone	Not Supplied - Callovian
	KLS	Kellaways Sand Member	Sandstone and Siltstone, Interbedded	Not Supplied - Callovian
	BWL	Blisworth Limestone Formation	Limestone	Not Supplied - Bathonian
		Faults		

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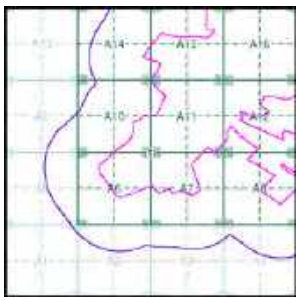
Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**186**
Map Name:	**Wellingborough**
Map Date:	**2007**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice A



Order Details:

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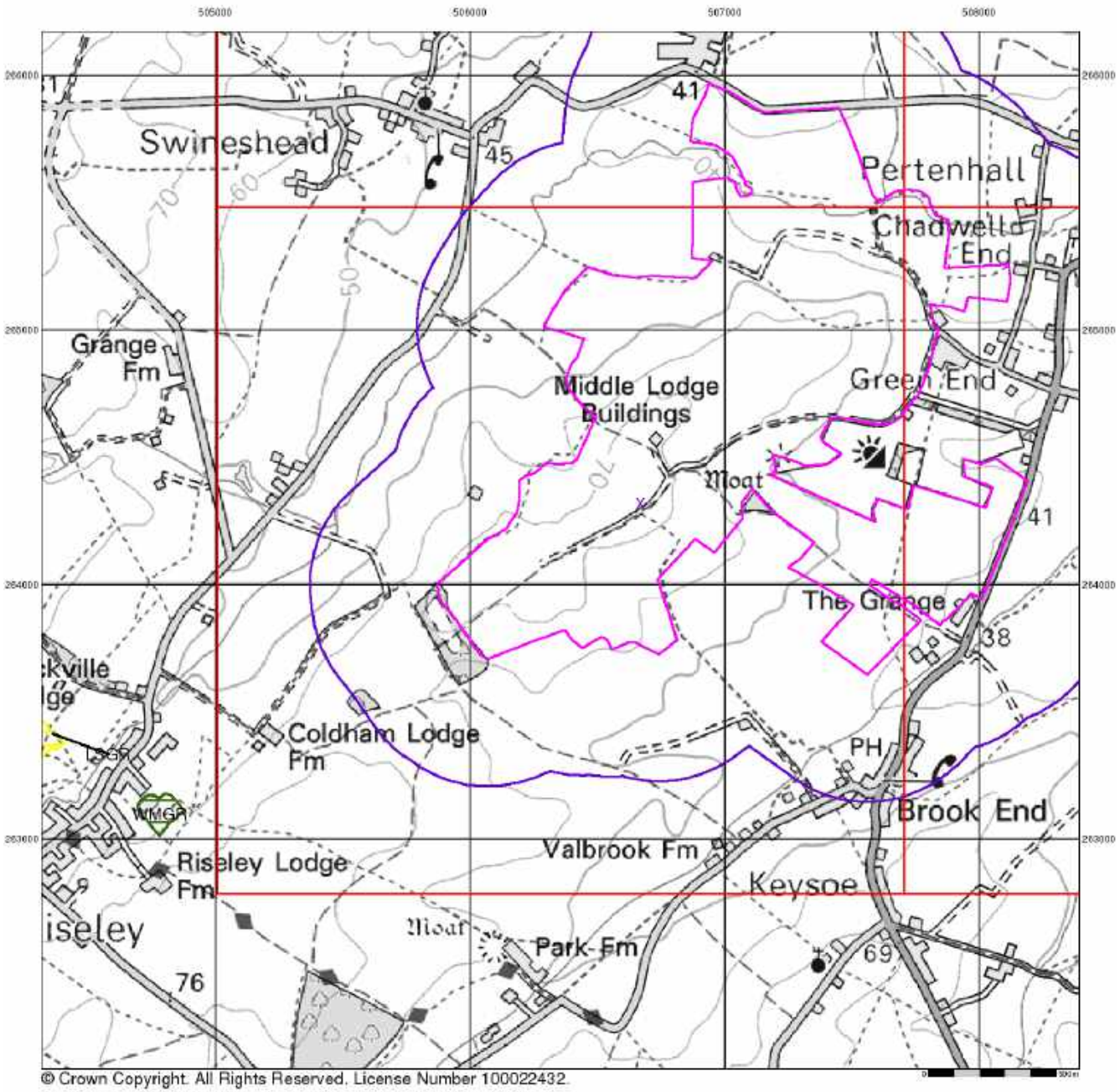
Customer Reference:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details:

Area A

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



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LANDMARK INFORMATION GROUP

Artificial Ground and Landslip

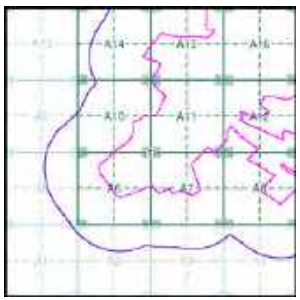
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

Order Number:	299346790_1_1
Customer Reference:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details:

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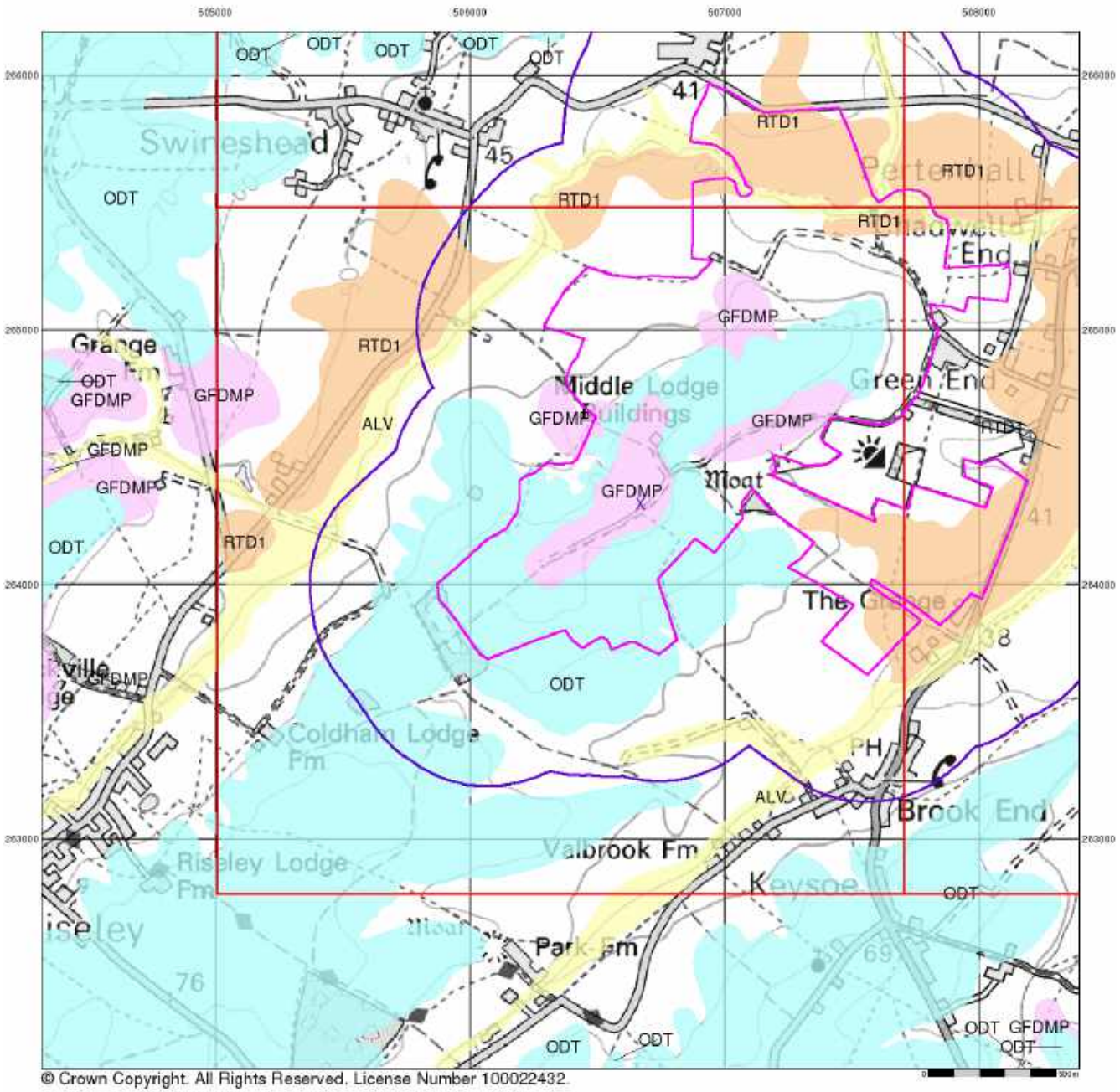

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LANDMARK INFORMATION GROUP

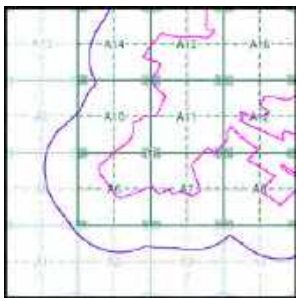
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

Order Number:	299346790_1_1
Customer Reference:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

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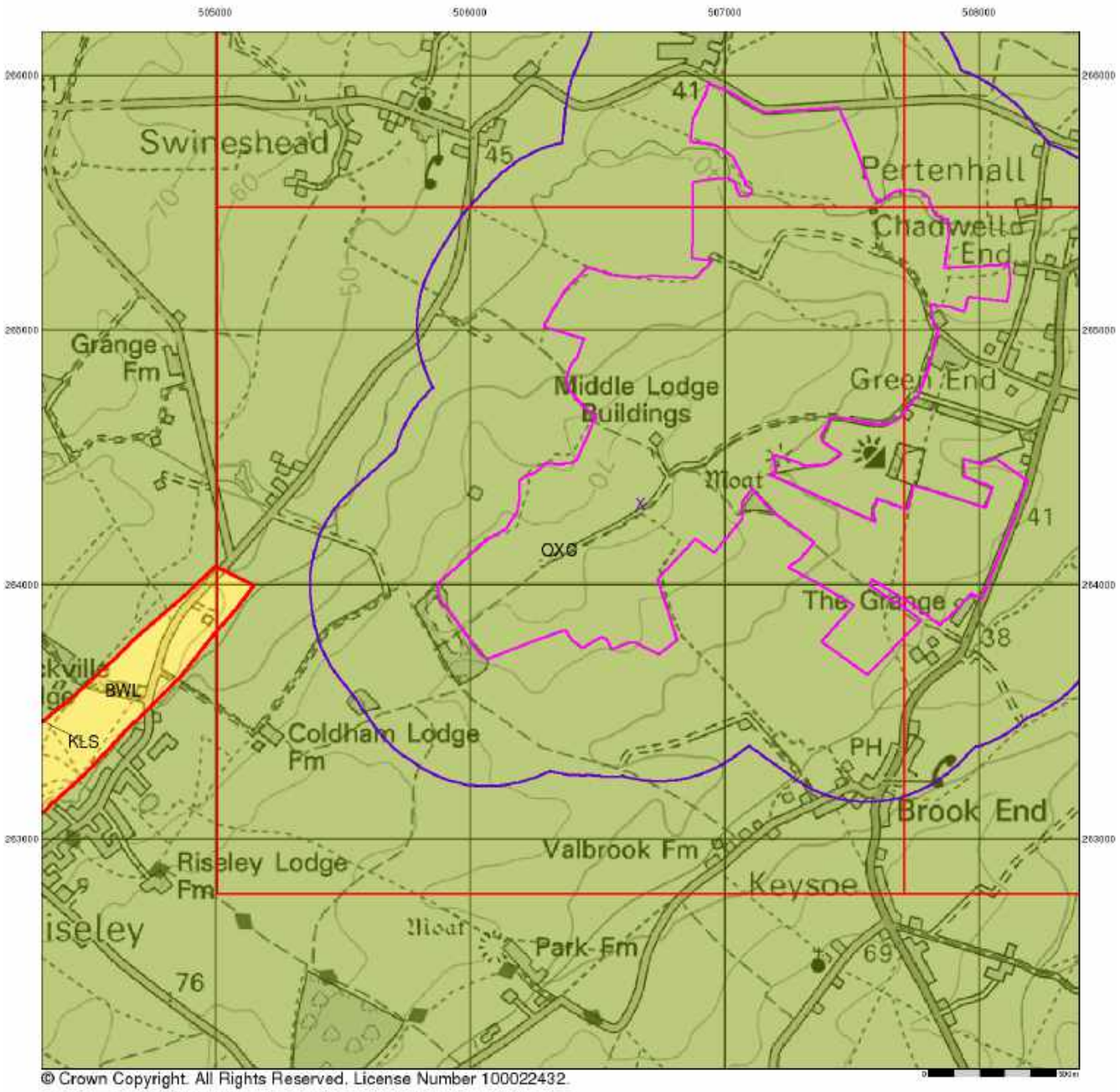

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Bedrock and Faults

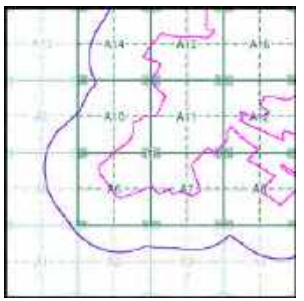
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

Order Number:	299346790_1_1
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Site Area (Ha):	255.74
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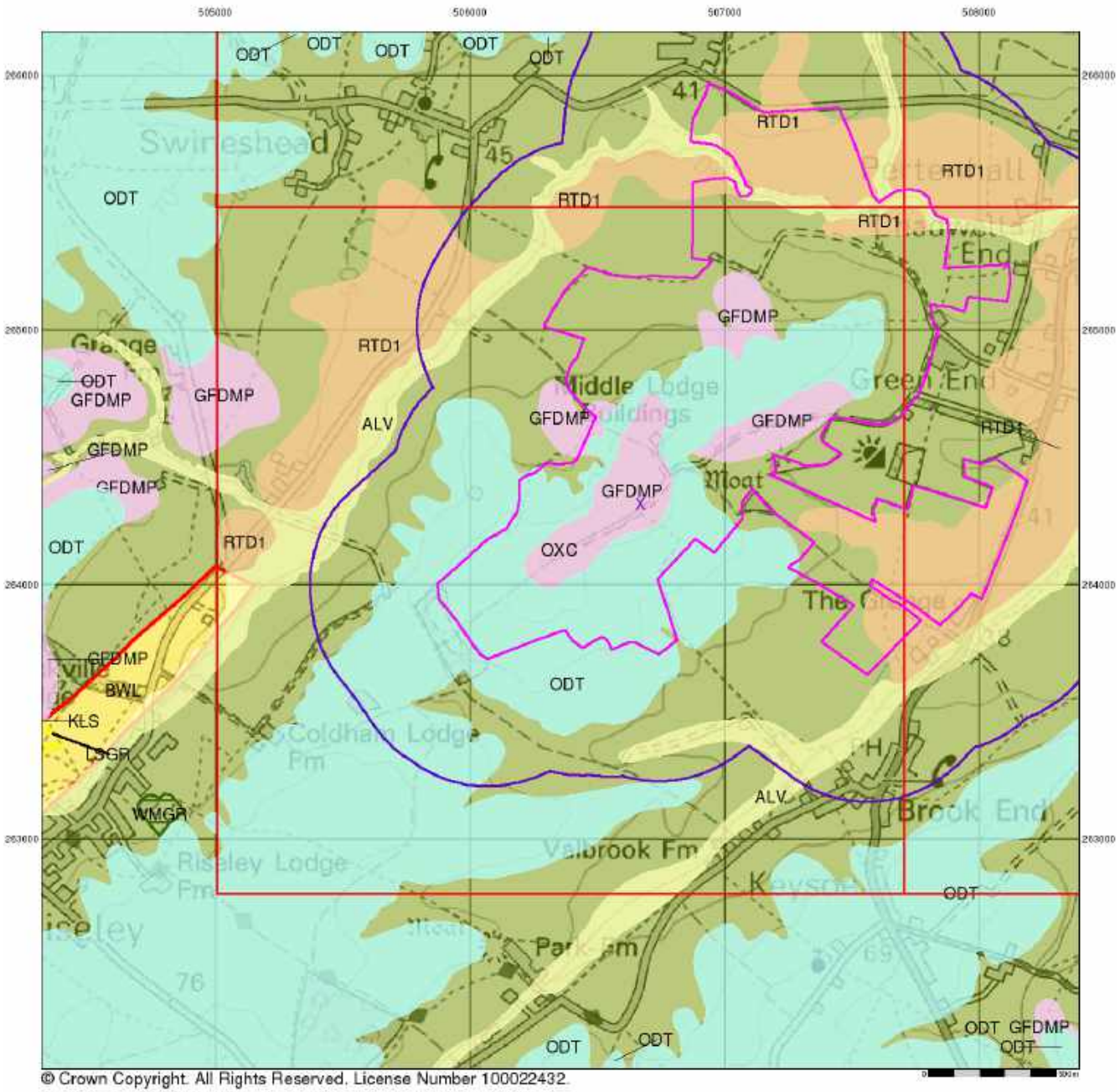

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LANDMARK INFORMATION GROUP

Combined Surface Geology

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

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

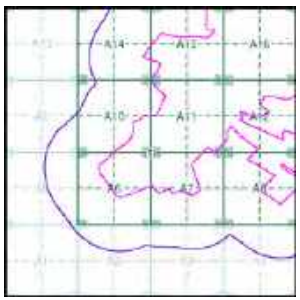
Additional Information

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

Contact

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

Combined Geology Map - Slice A

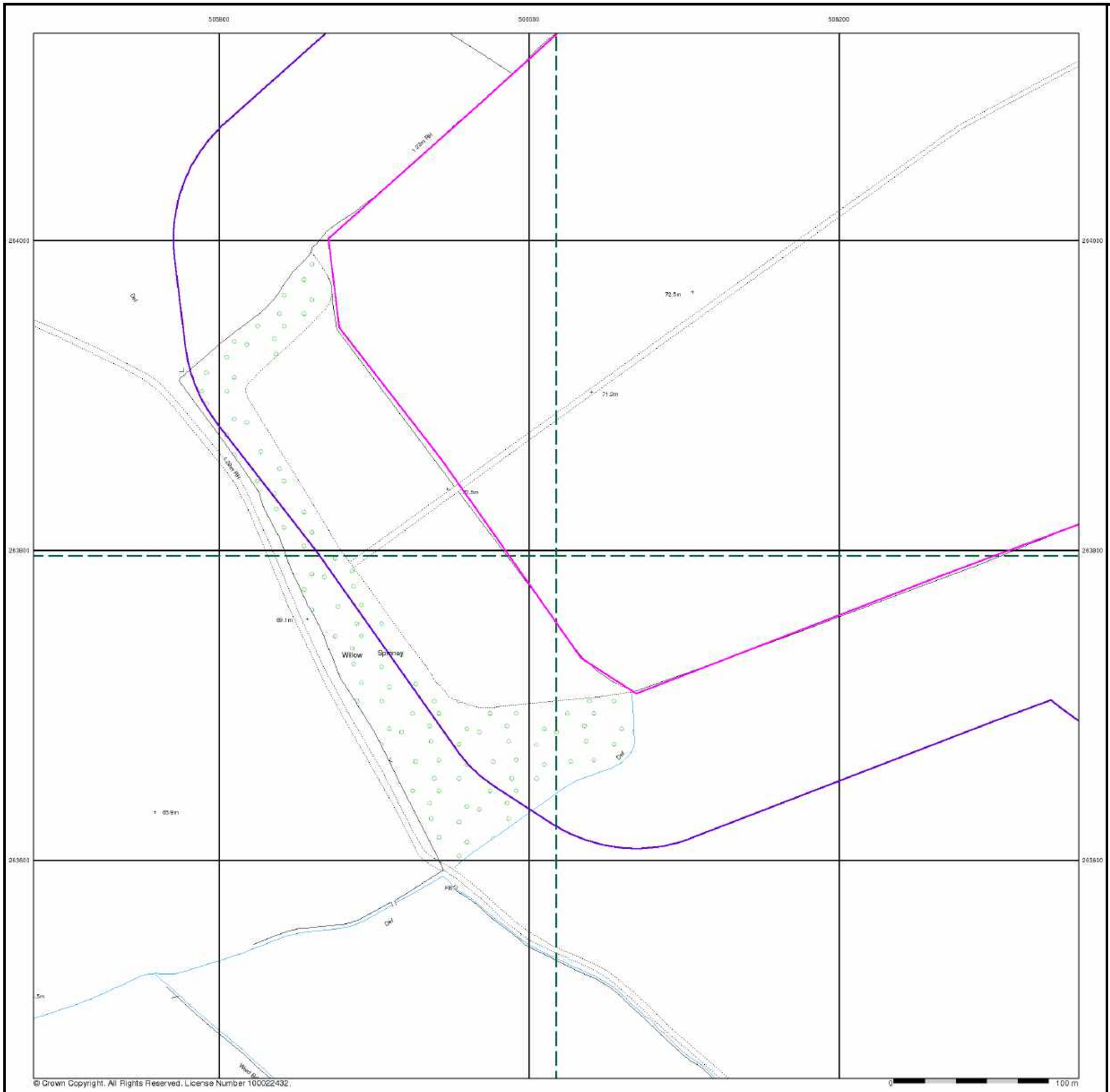


Order Details:

Order Number:	299346790_1_1
Customer Reference:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details:

Area A



Envirocheck®

LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

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

Hazardous Substances

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

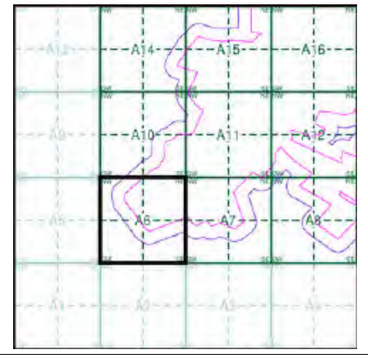
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A6



Order Details

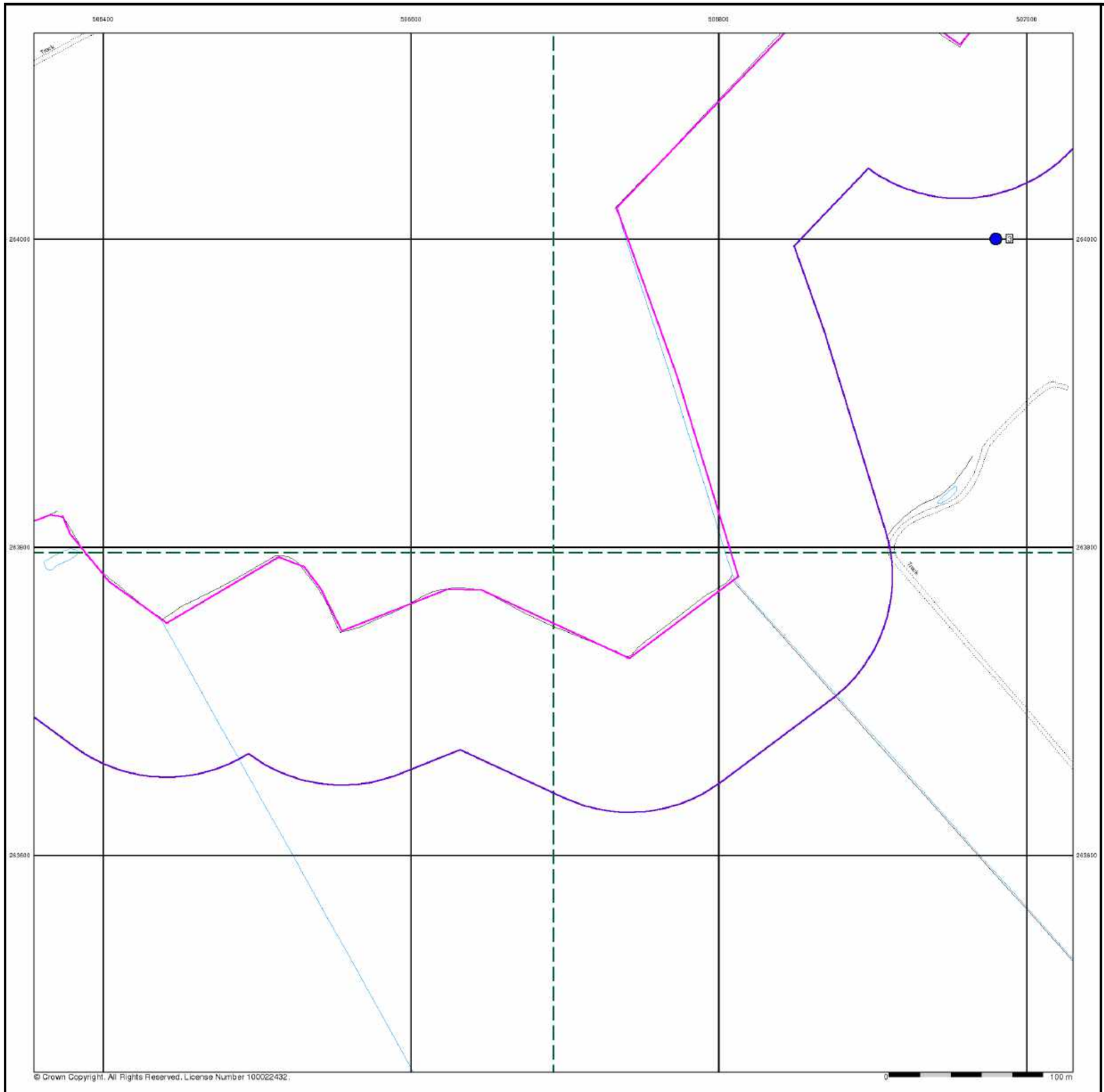
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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



Envirocheck®

LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

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

Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Waste

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- Licensed Waste Management Facility (Location)
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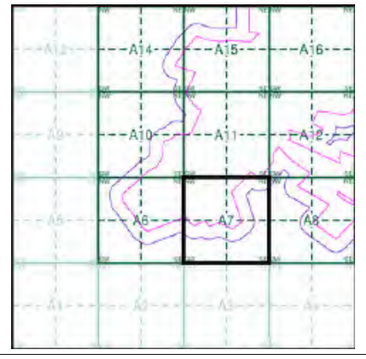
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A7



Order Details

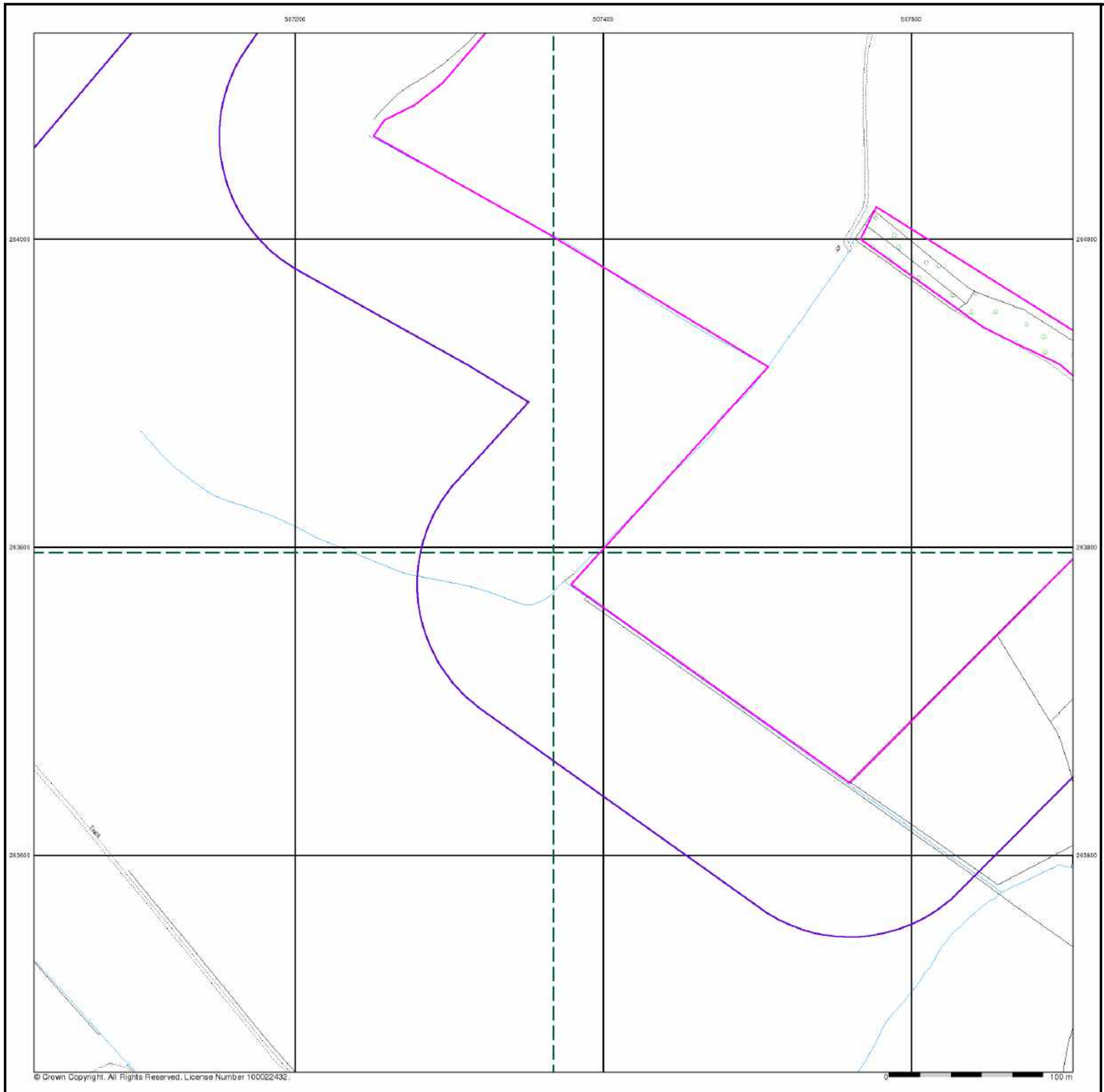
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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



Envirocheck®

LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

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

Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
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- Potentially Infilled Land (Non-water)
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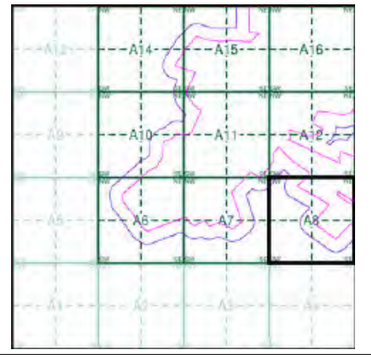
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A8



Order Details

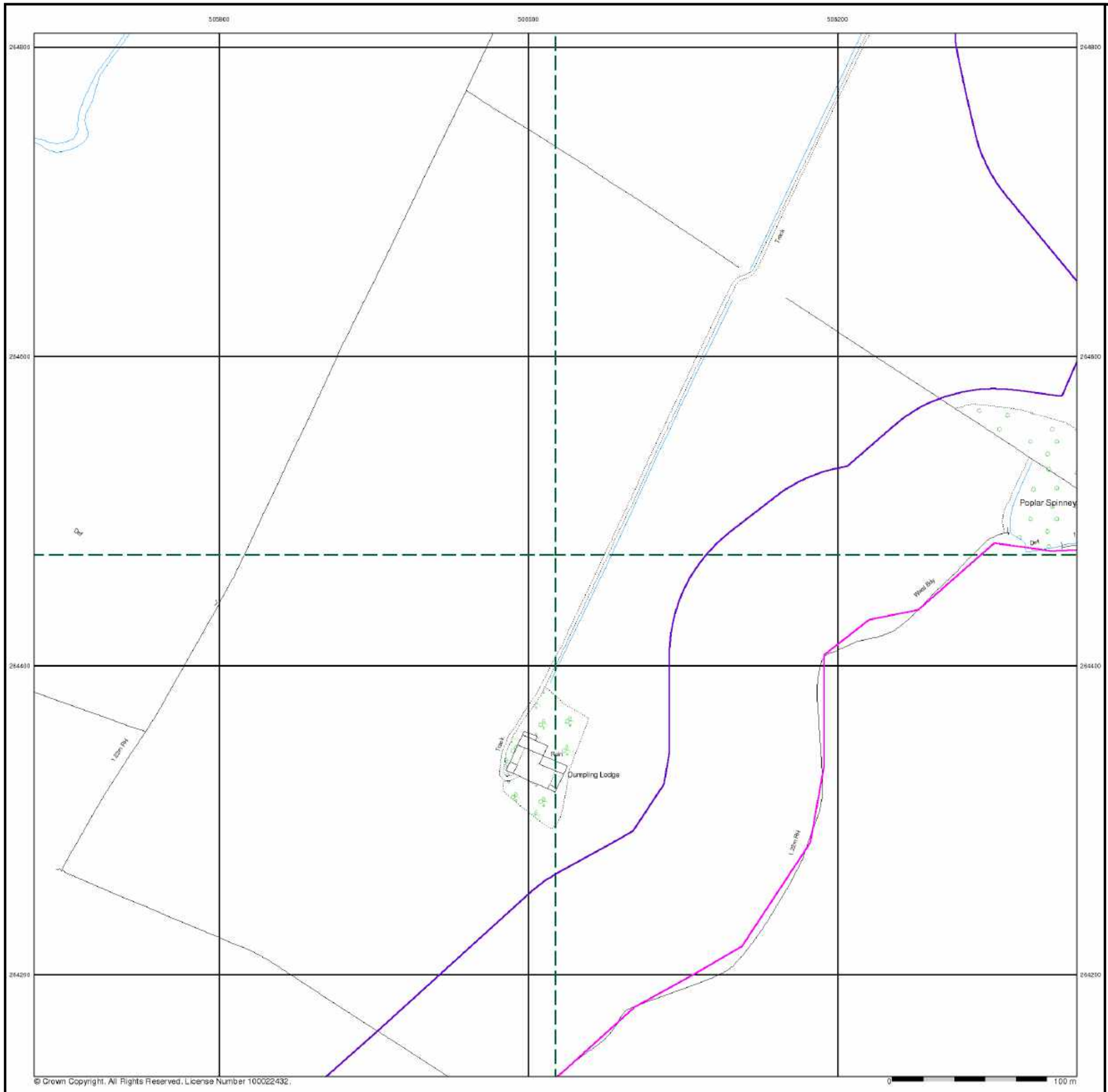
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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



Envirocheck®

LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
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- Discharge Consent
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- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

- COMAH Site
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- NIHHS Site
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- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Waste

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- Potentially Infilled Land (Non-water)
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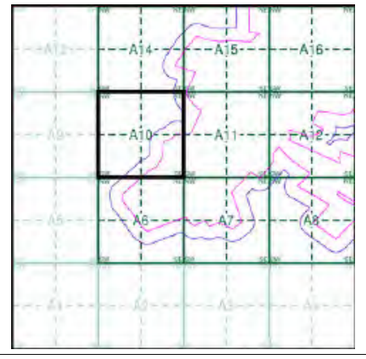
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A10



Order Details

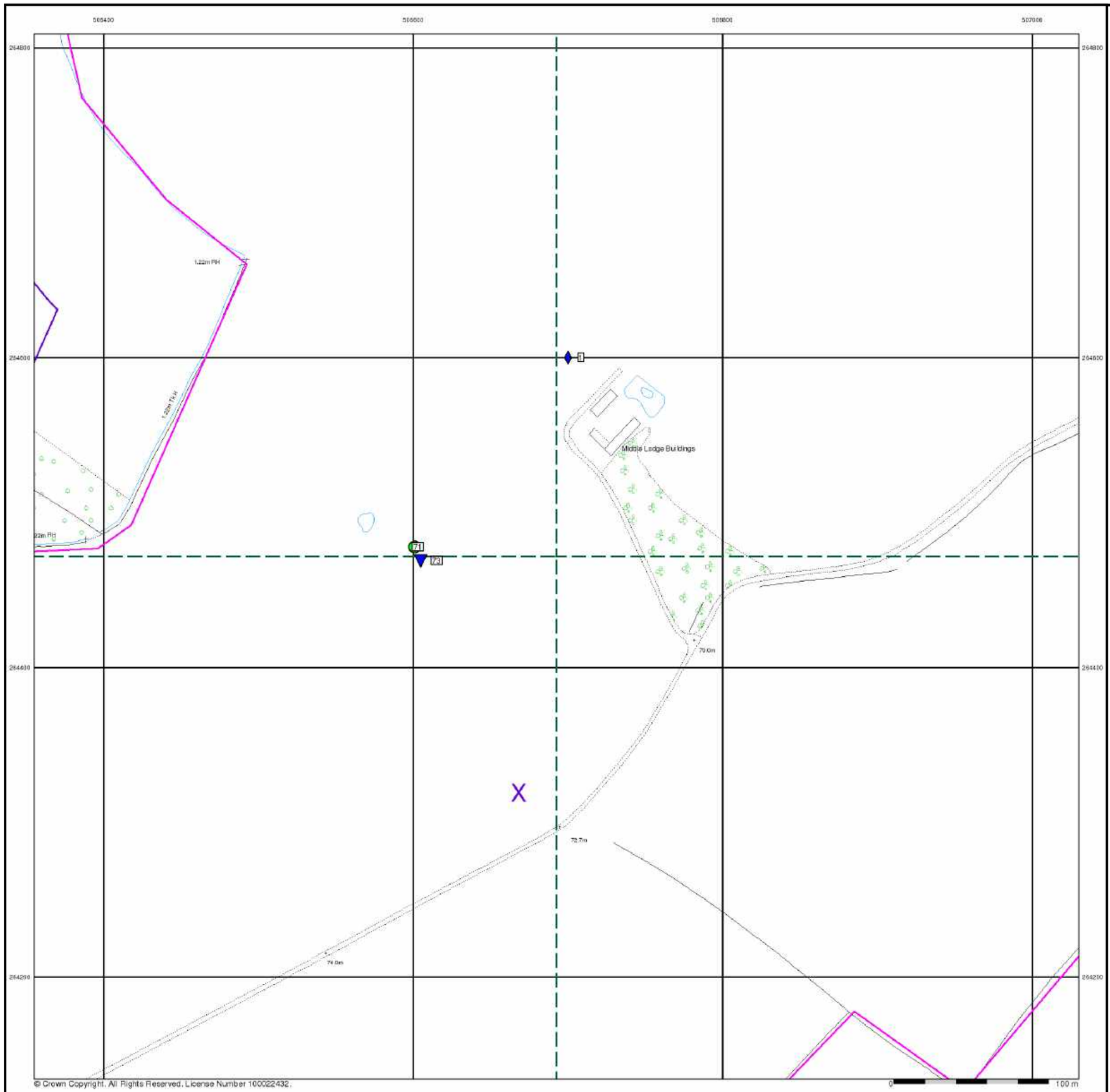
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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



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Envirocheck®

LANDMARK INFORMATION GROUP®

General

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

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- Water Industry Act Referral

Hazardous Substances

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Geological

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- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
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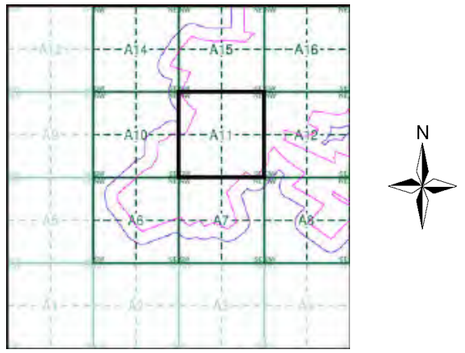
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A11



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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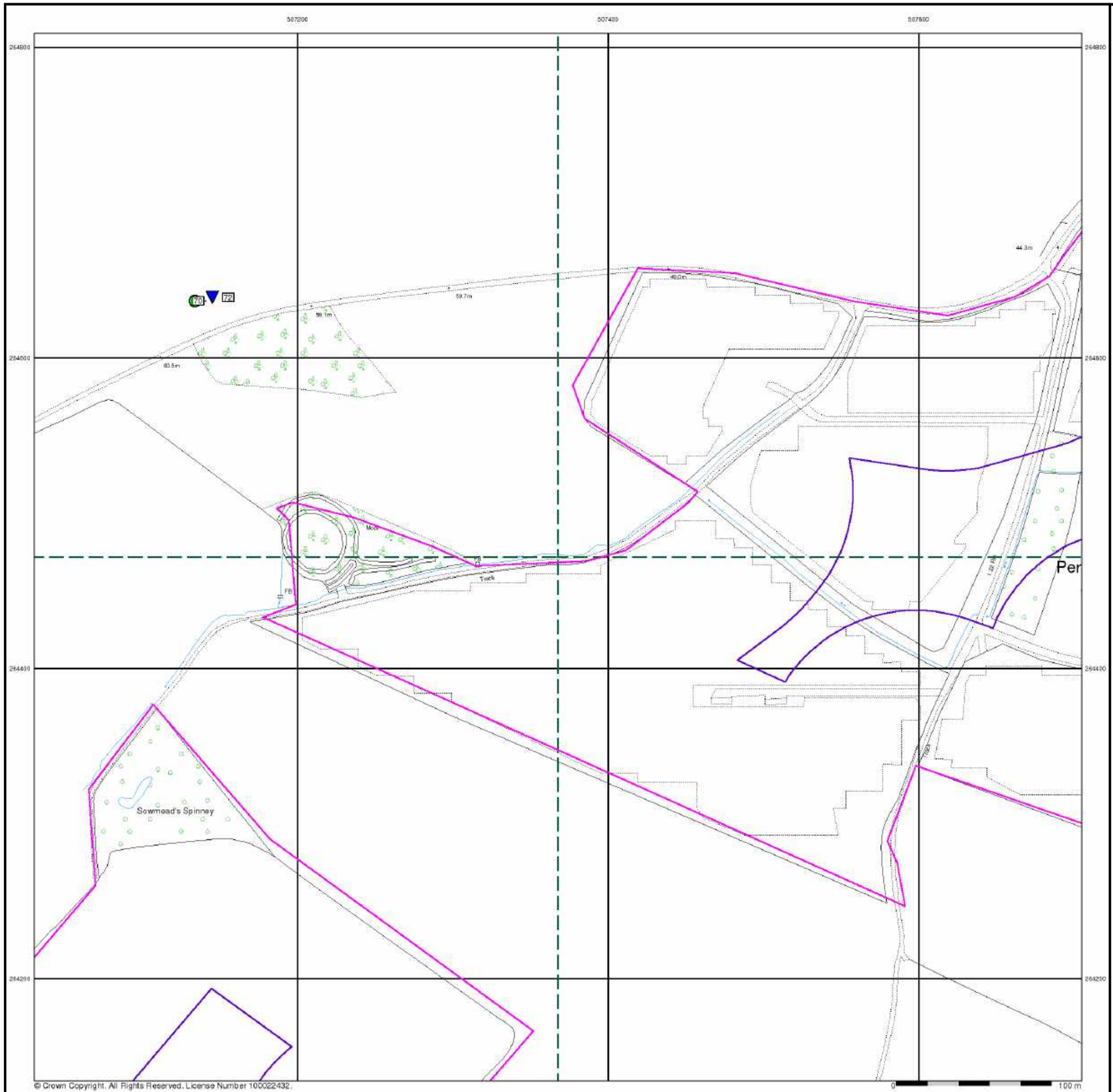
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Envirocheck®

LANDMARK INFORMATION GROUP®

General

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- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
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- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
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- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

Geological

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Waste

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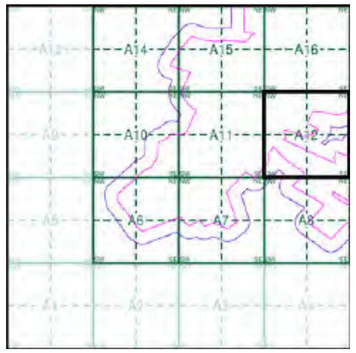
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A12



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

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

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LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

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

Hazardous Substances

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

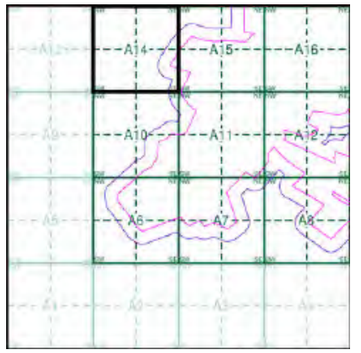
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A14



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP
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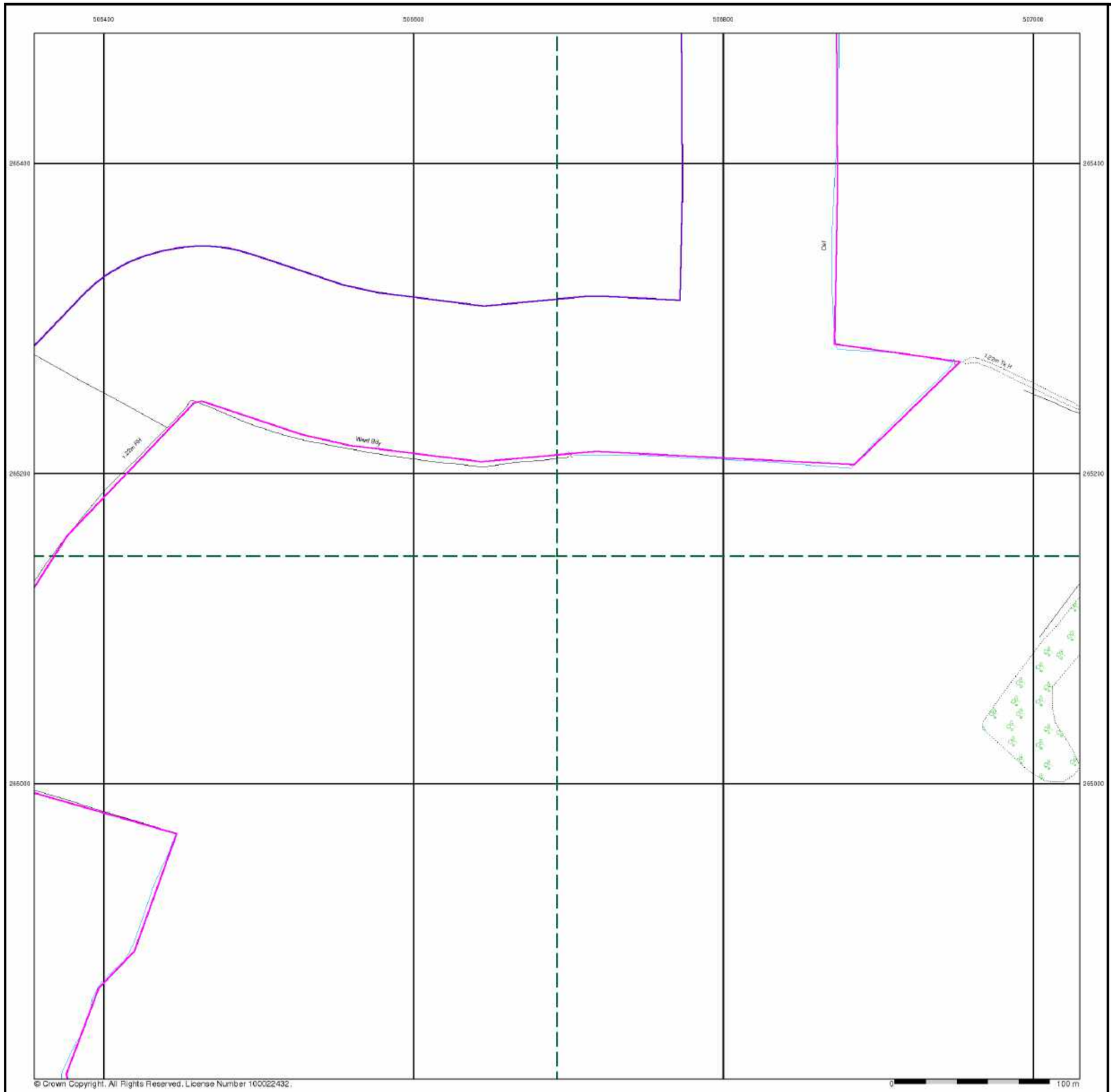
Web: www.envirocheck.co.uk



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LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

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

Hazardous Substances

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

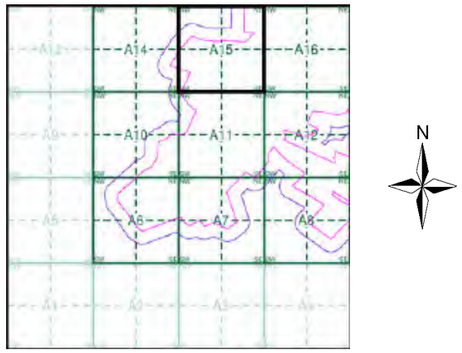
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A15



Order Details

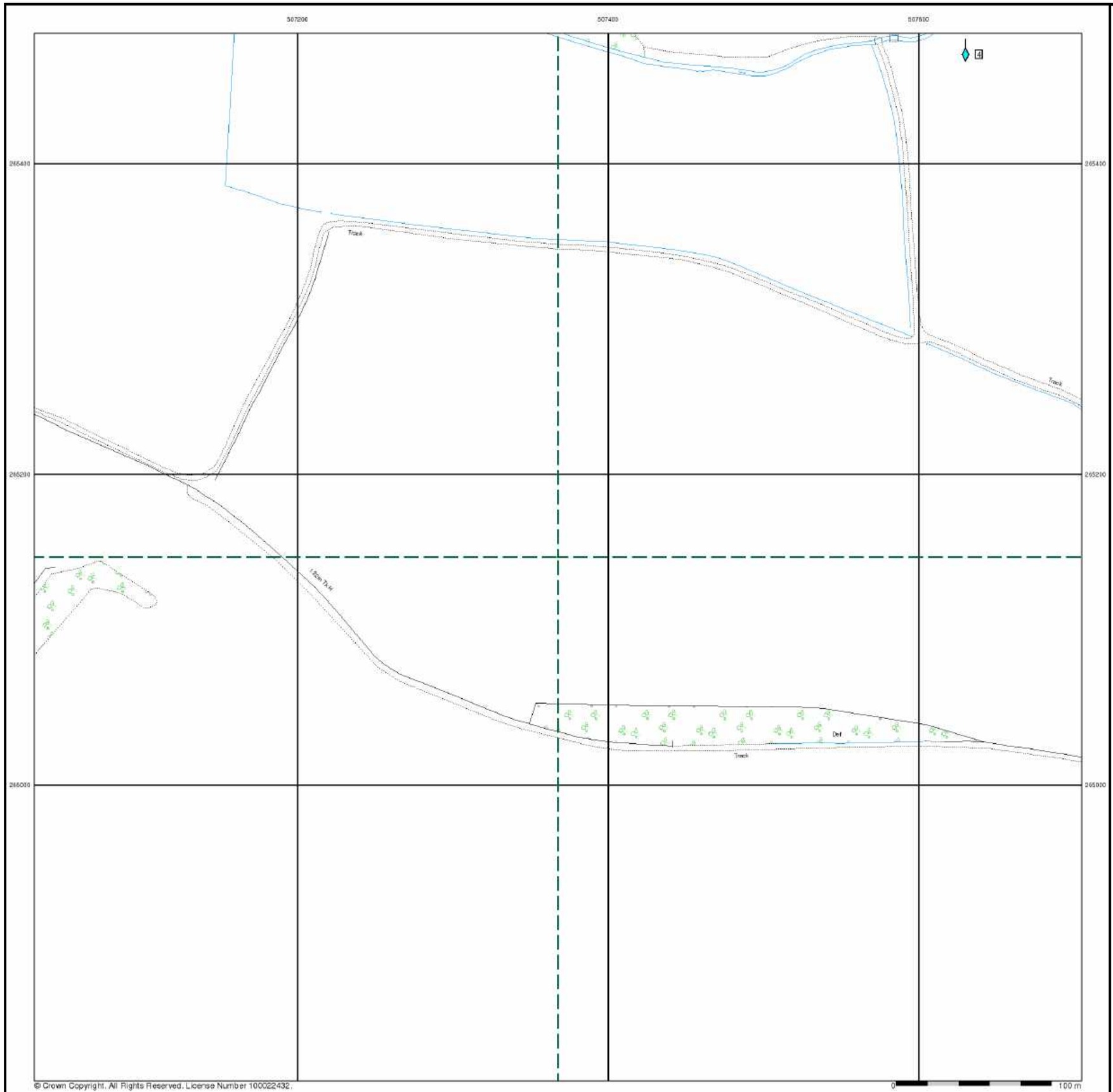
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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



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LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

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

Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
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- Local Authority Recorded Landfill Site
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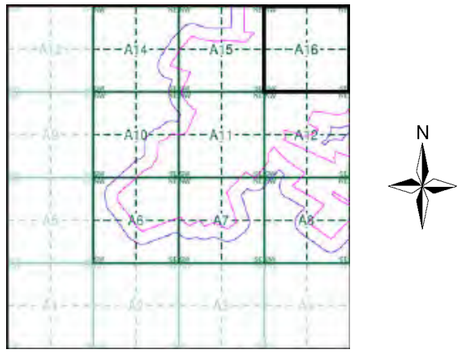
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A16



Order Details

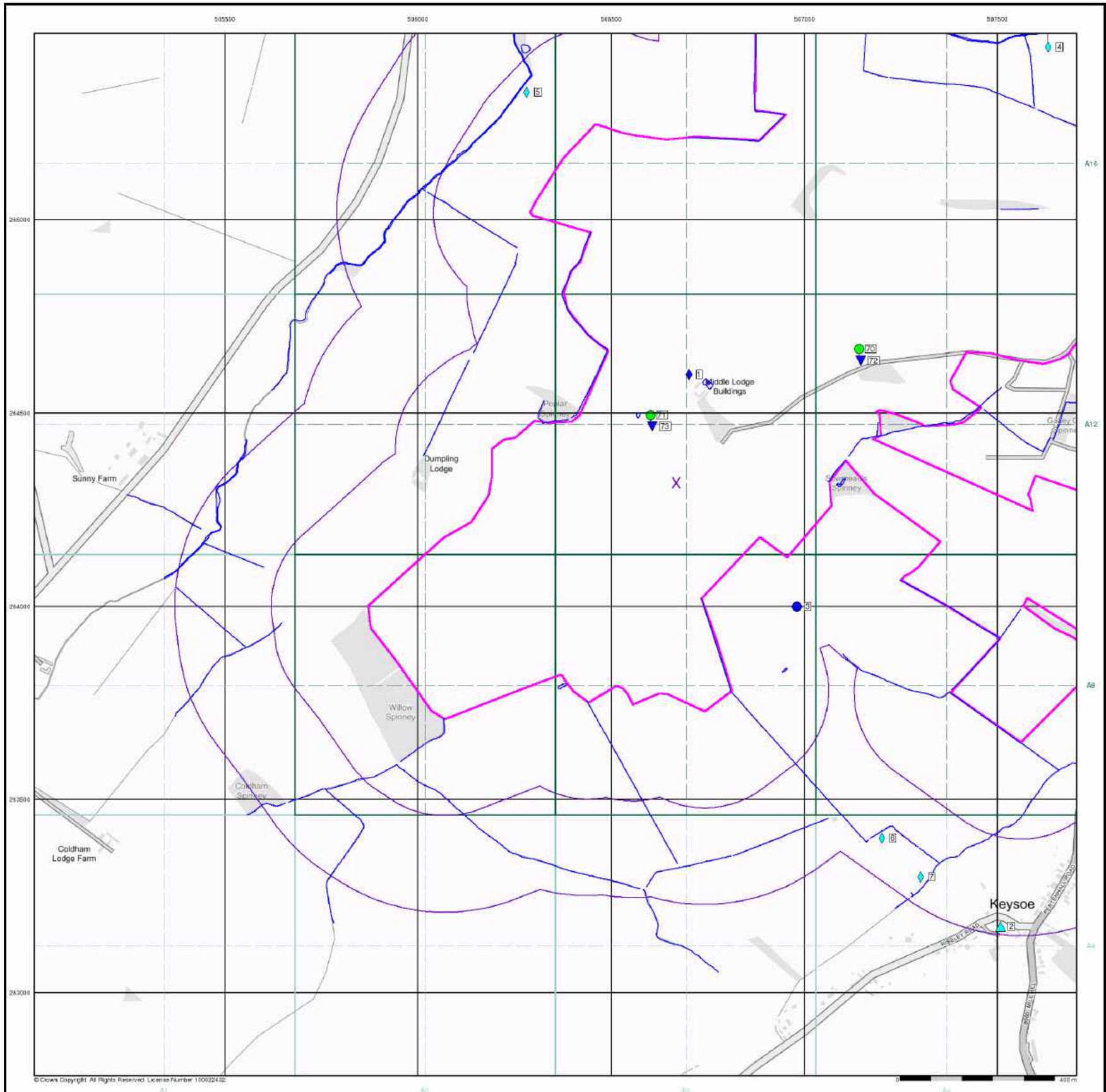
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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



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LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
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- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Waste

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- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
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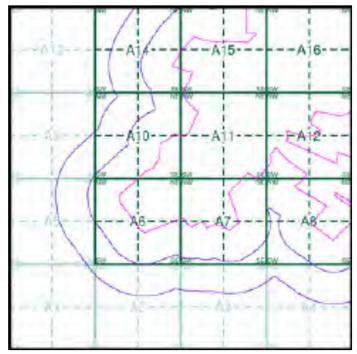
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A



Order Details

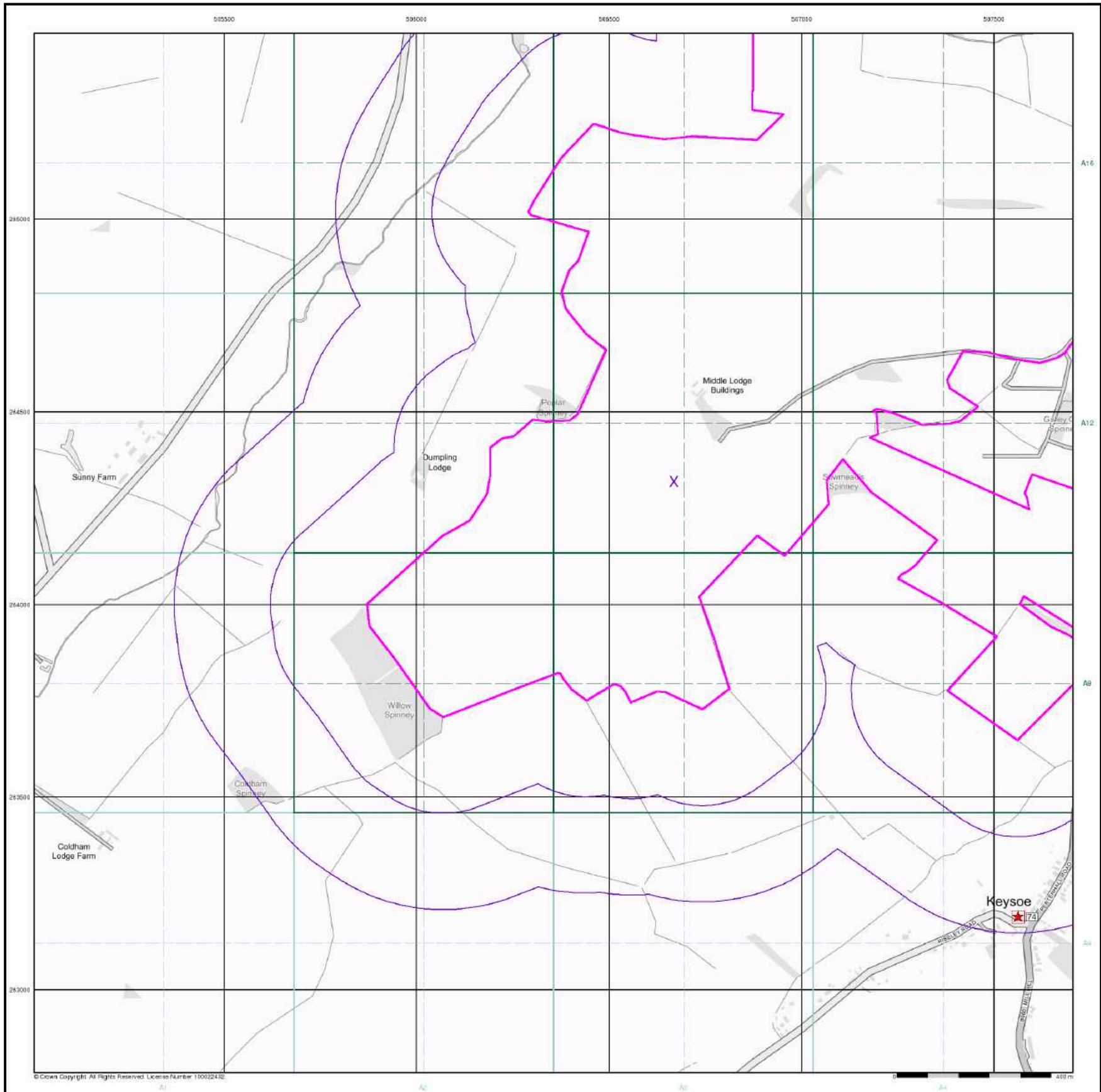
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

Landmark INFORMATION GROUP

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



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Industrial Land Use Map

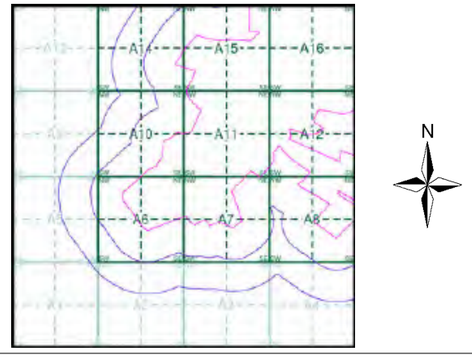
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

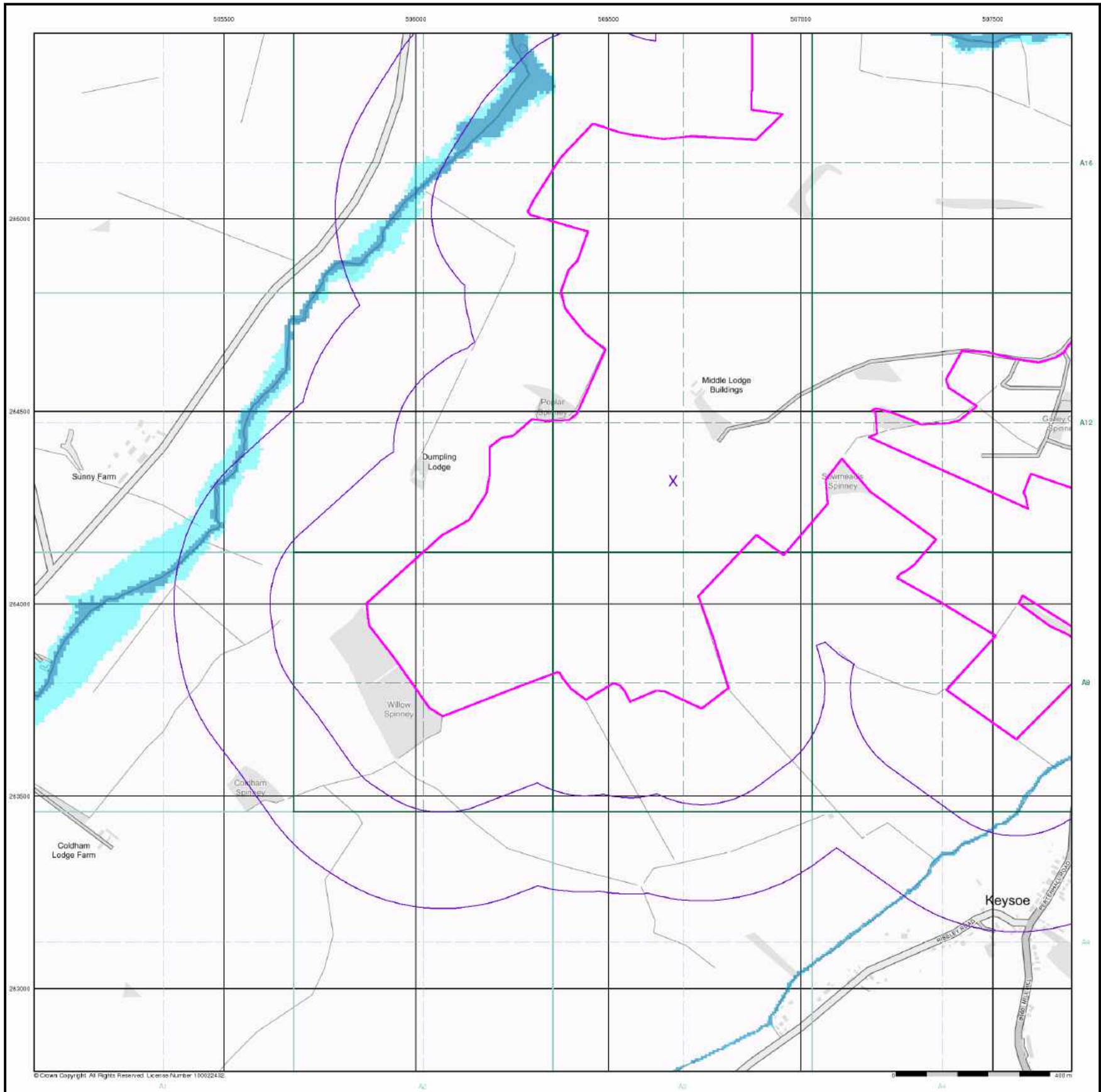
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

Landmark INFORMATION GROUP

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



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Envirocheck®
LANDMARK INFORMATION GROUP®

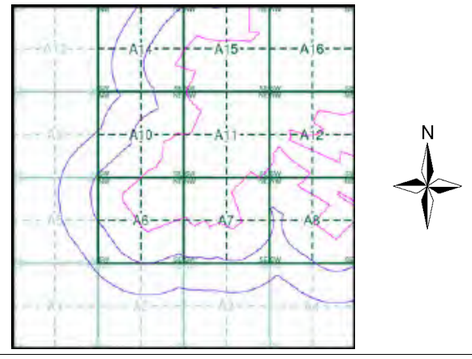
General

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

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

Landmark INFORMATION GROUP
Tel: 0844 844 9952
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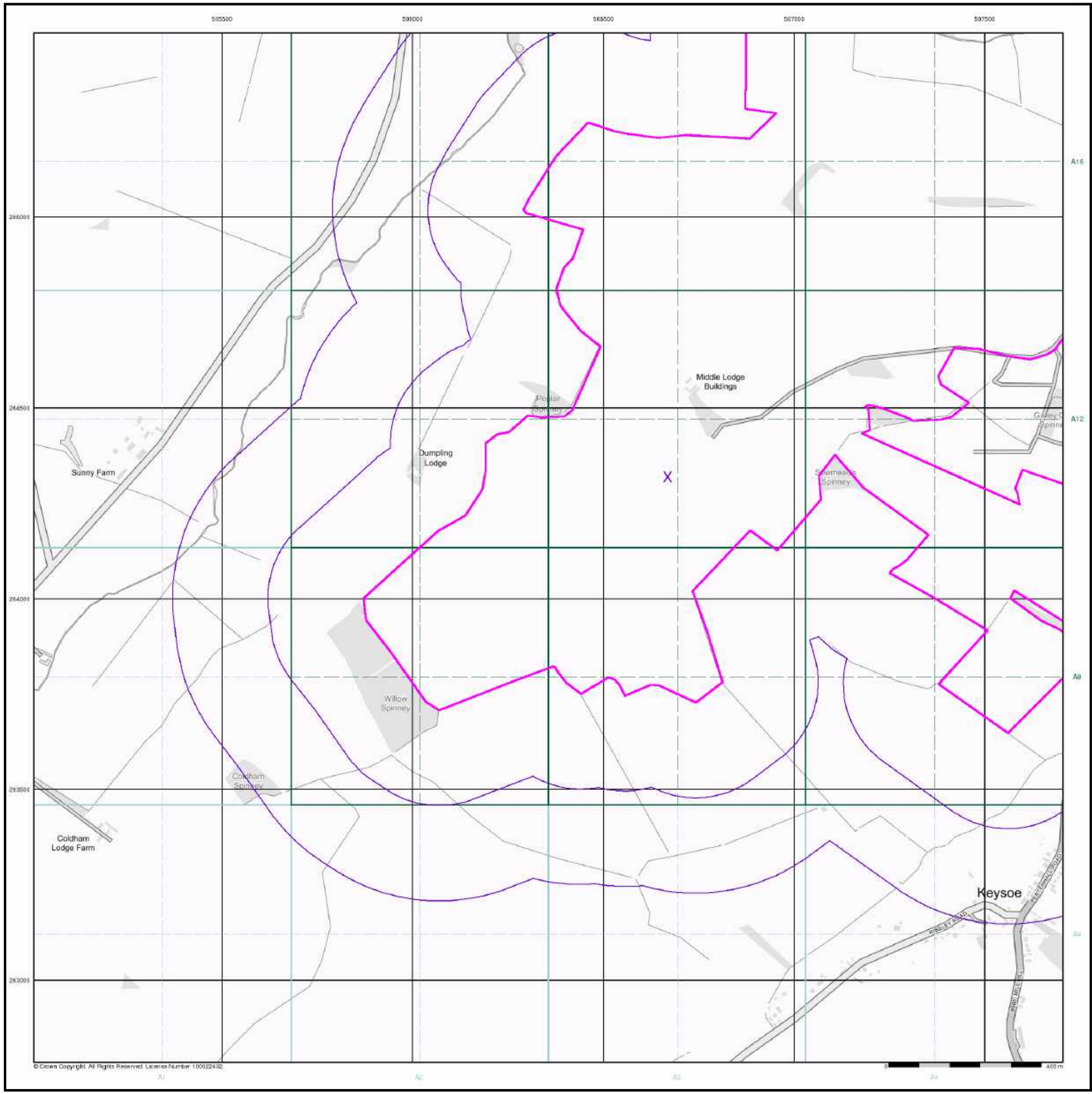
Web: www.envirocheck.co.uk



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LANDMARK INFORMATION GROUP®

General

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

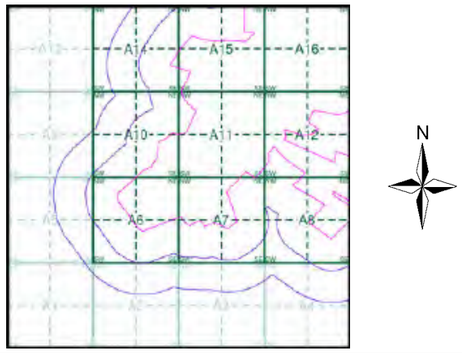
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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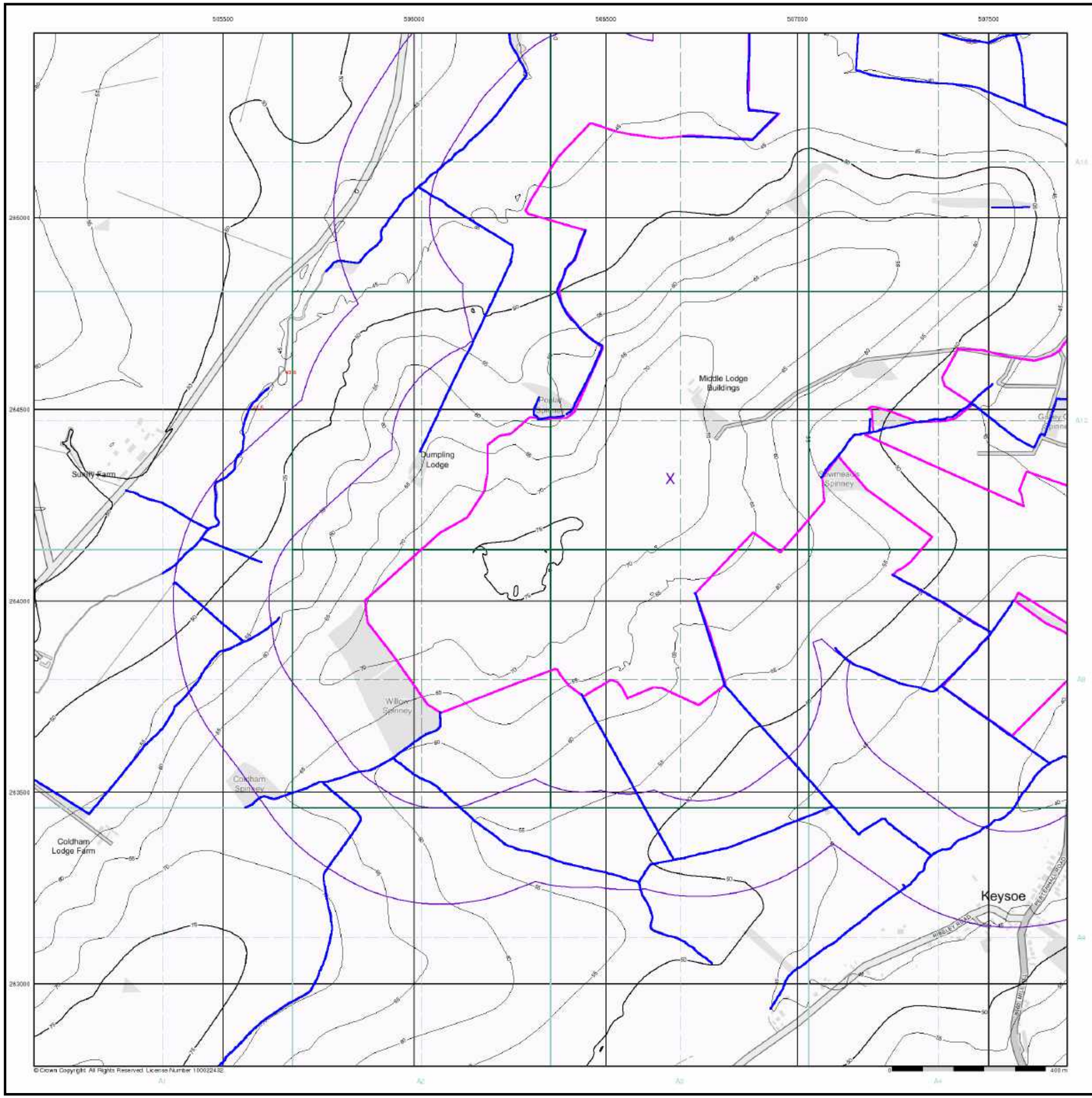

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Envirocheck®

LANDMARK INFORMATION GROUP®

General

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

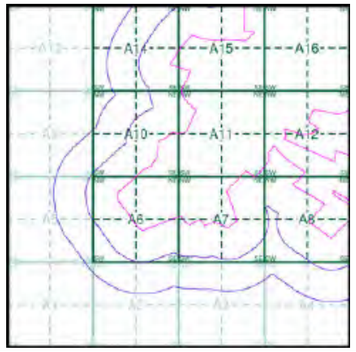
OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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Fax: 0844 844 9951
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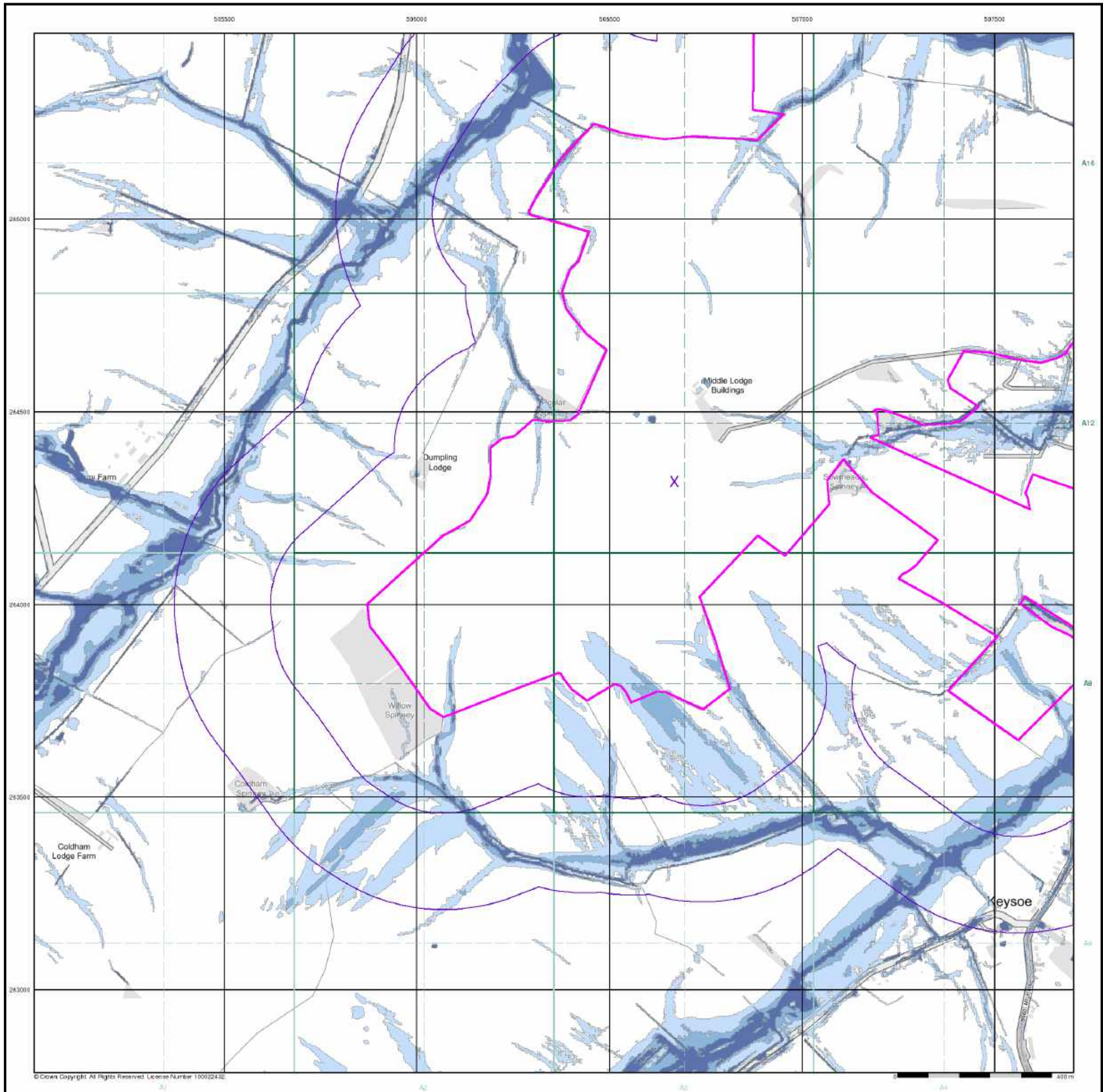

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Envirocheck®
LANDMARK INFORMATION GROUP®

General

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

Risk of Flooding from Surface Water

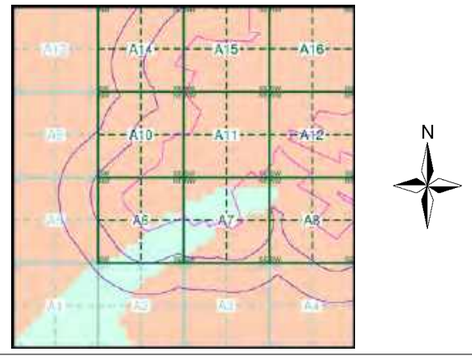
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

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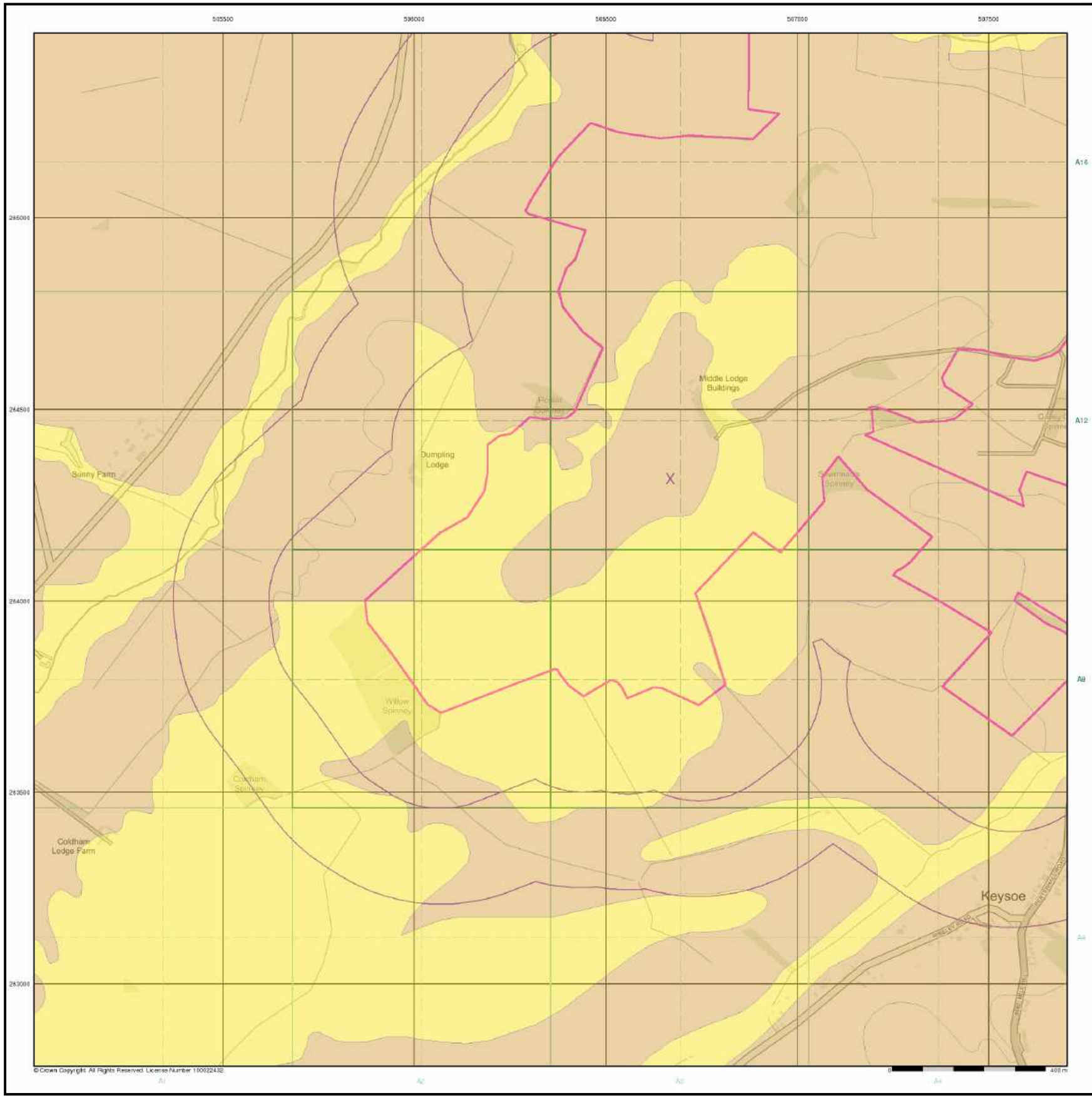

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Envirocheck®

LANDMARK INFORMATION GROUP®

General

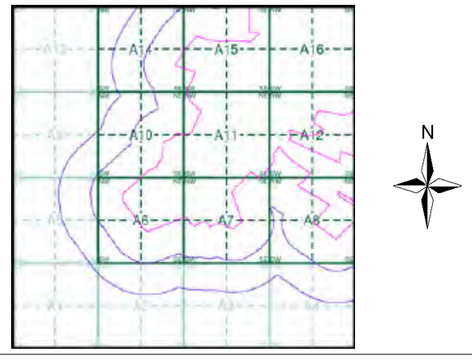
Specified Site Specified Buffer(s) X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 80 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
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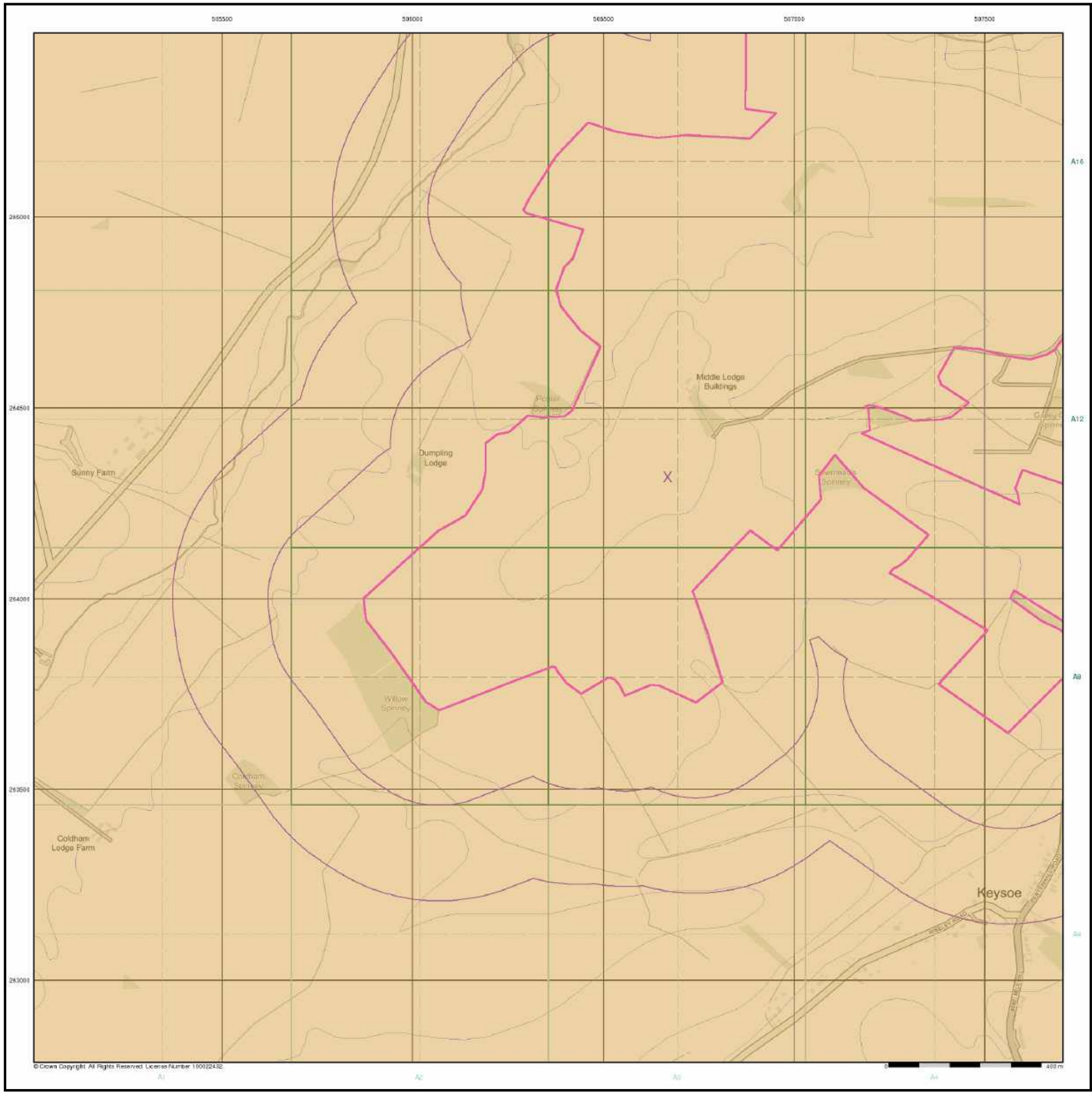


Envirocheck®

LANDMARK INFORMATION GROUP®

General

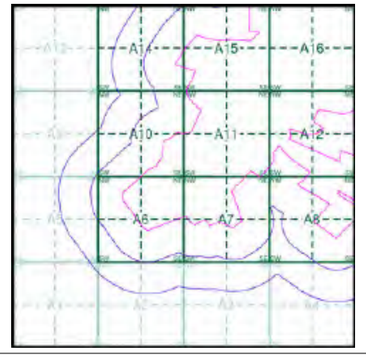
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
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Site Details

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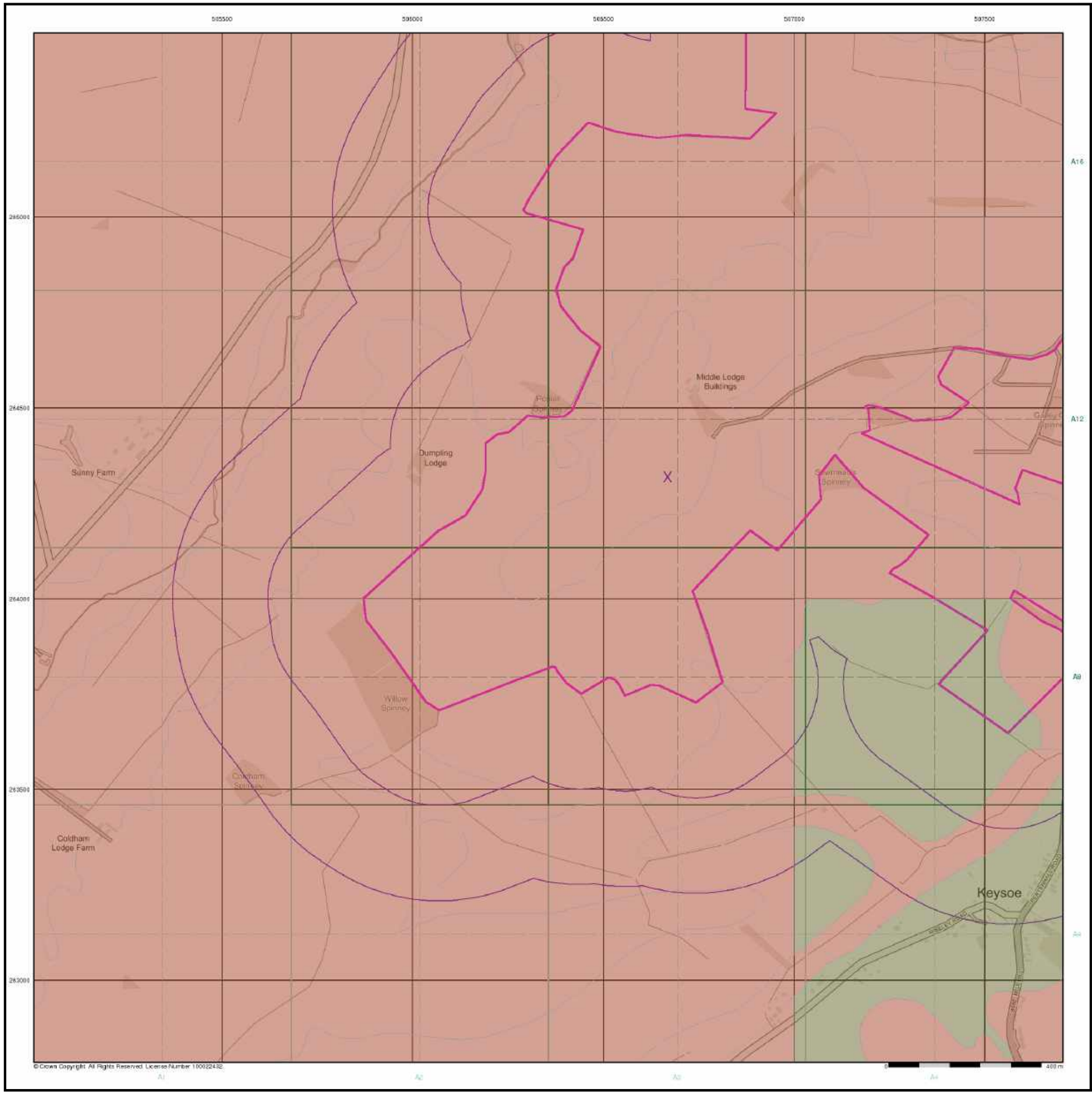

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Envirocheck®
LANDMARK INFORMATION GROUP®

General

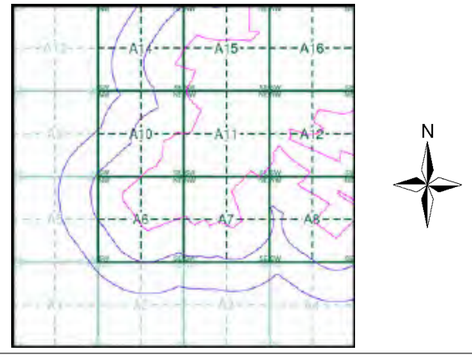
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice A



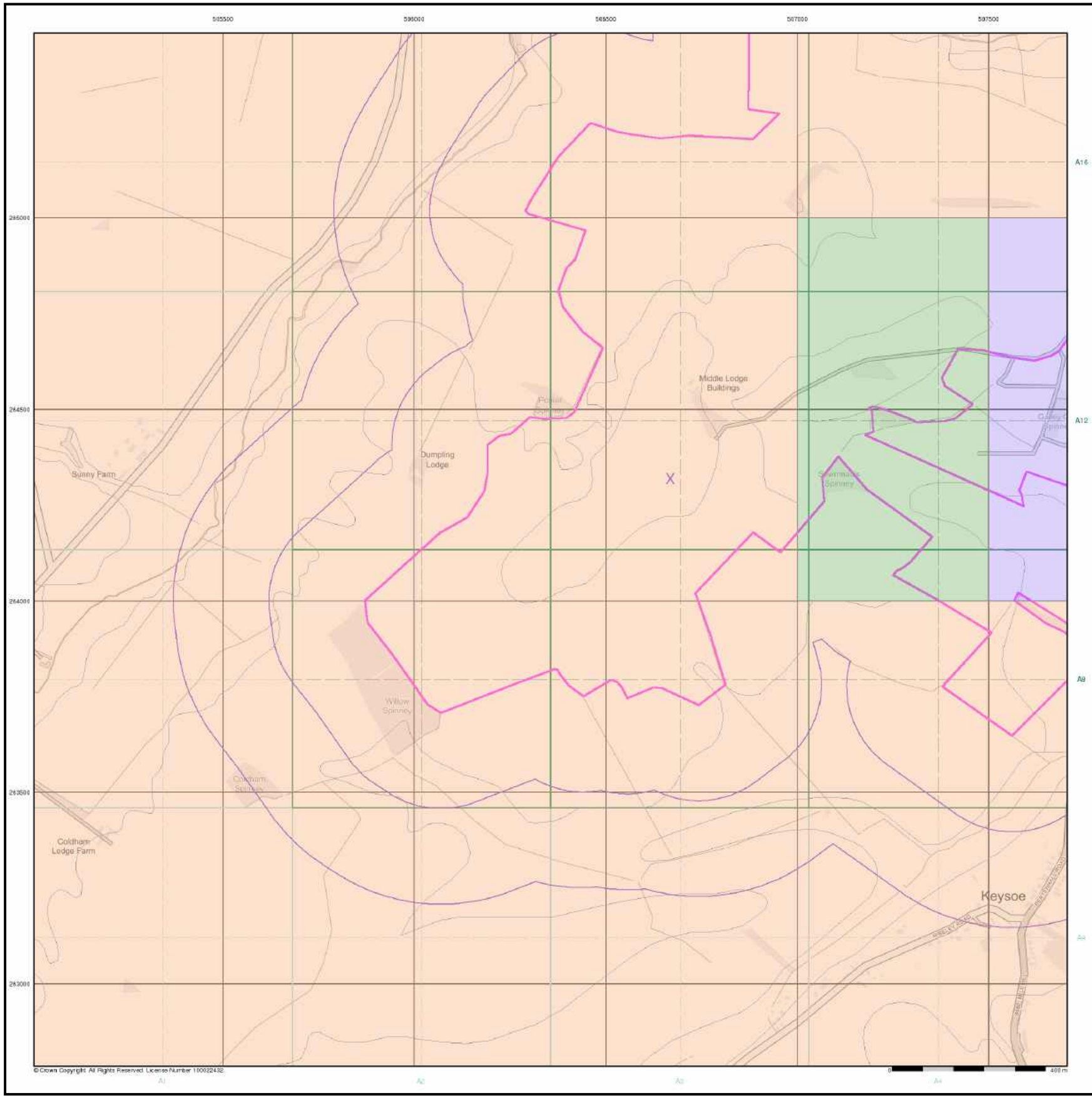
Order Details

Order Details:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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



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General

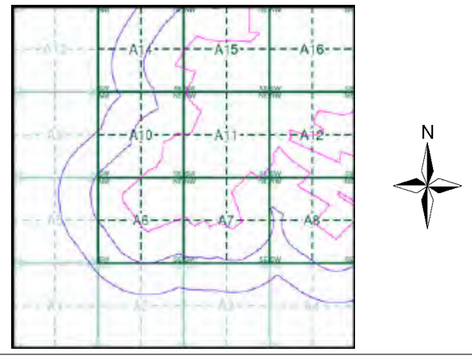
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice A



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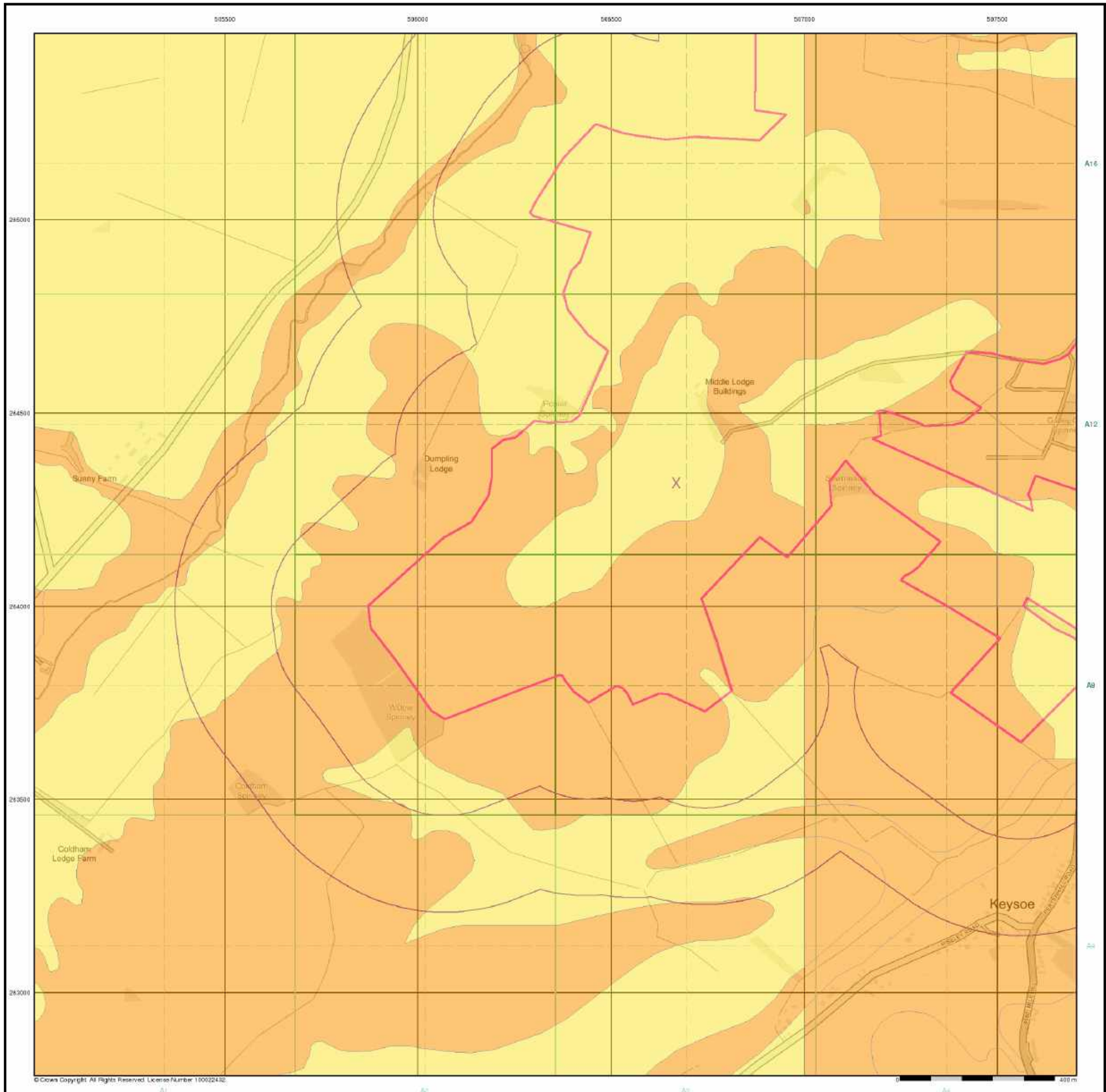

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General

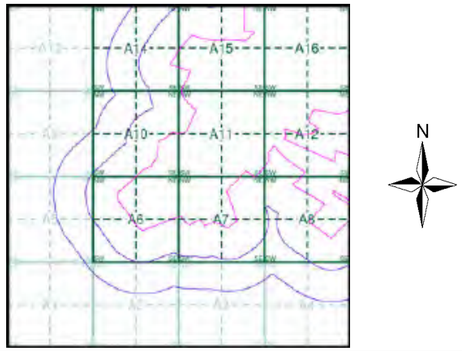
Specified Site Specified Buffer(s) X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice A



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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Pylon
Electricity Transmission Line
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m Bench mark (where shown)
Triangulation station
Point feature (e.g. Guide Post or Mile Stone)
Pylon, flare stack or lighting tower
Site of (antiquity)
Glasshouse
General Building
Important Building

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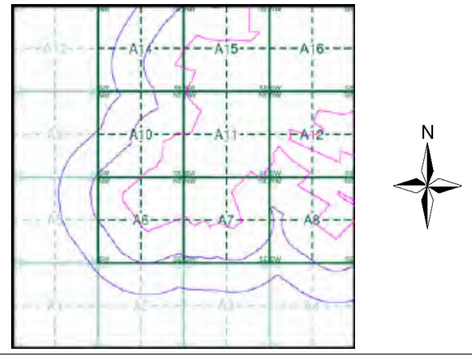
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:10,560	1883	2
Huntingdonshire	1:10,560	1886	3
Bedfordshire	1:10,560	1902	4
Huntingdonshire	1:10,560	1902	5
Bedfordshire	1:10,560	1951	6
Huntingdonshire	1:10,560	1952	7
Ordnance Survey Plan	1:10,000	1958	8
Ordnance Survey Plan	1:10,000	1969	9
Ordnance Survey Plan	1:10,000	1970	10
Ordnance Survey Plan	1:10,000	1983 - 1984	11
10K Raster Mapping	1:10,000	1999	12
10K Raster Mapping	1:10,000	2006	13
VectorMap Local	1:10,000	2021	14

Historical Map - Slice A



Order Details

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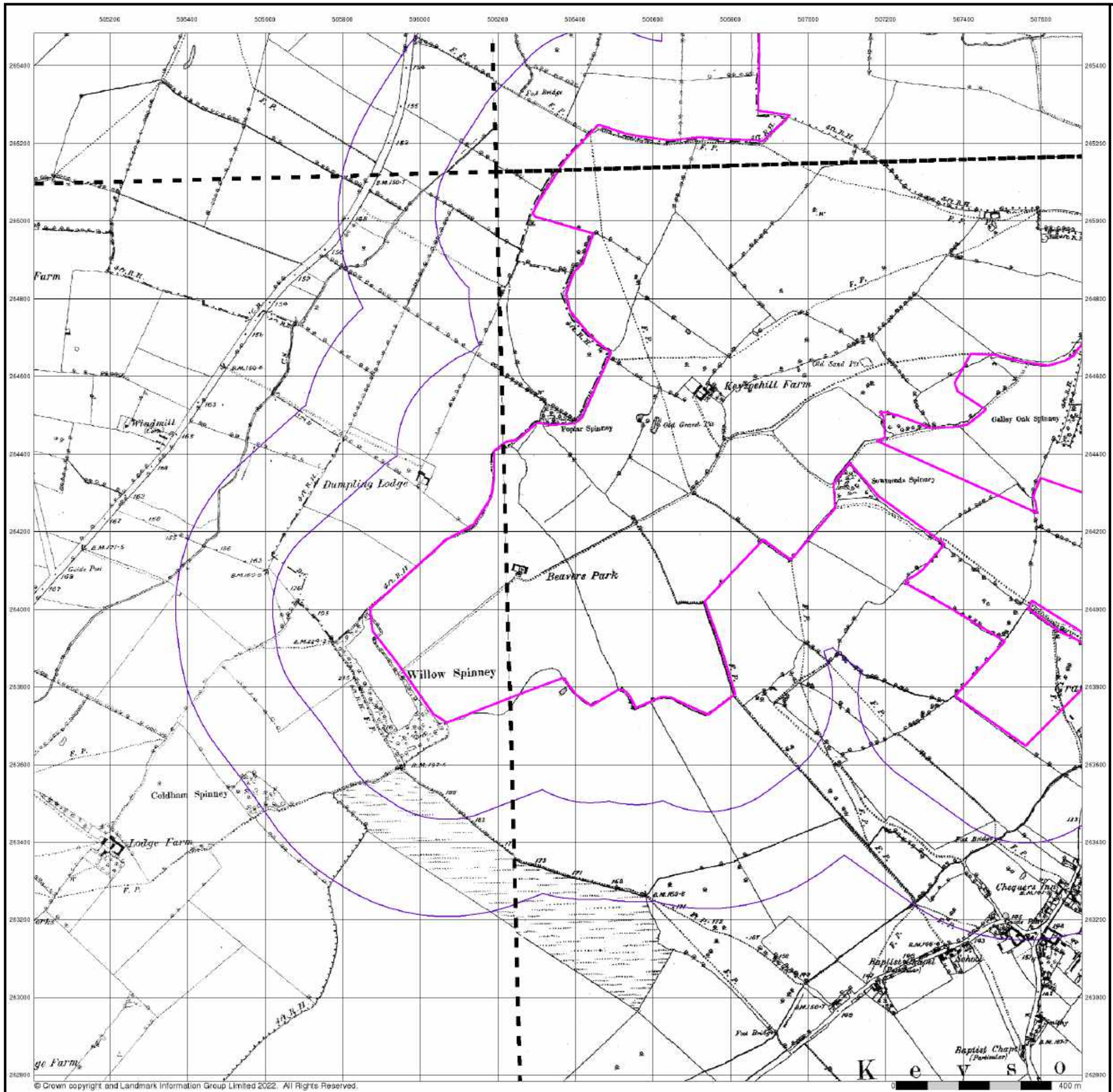

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Bedfordshire

Published 1883

Source map scale - 1:10,560

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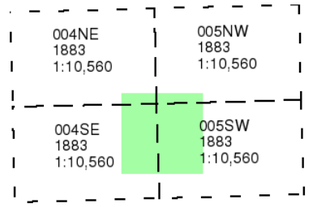
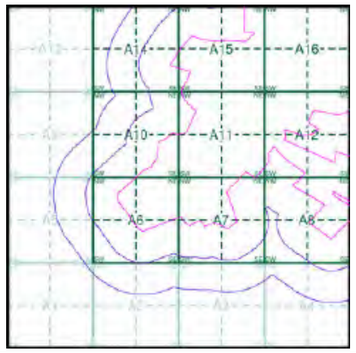
Map Name(s) and Date(s)



Historical Map - Slice A



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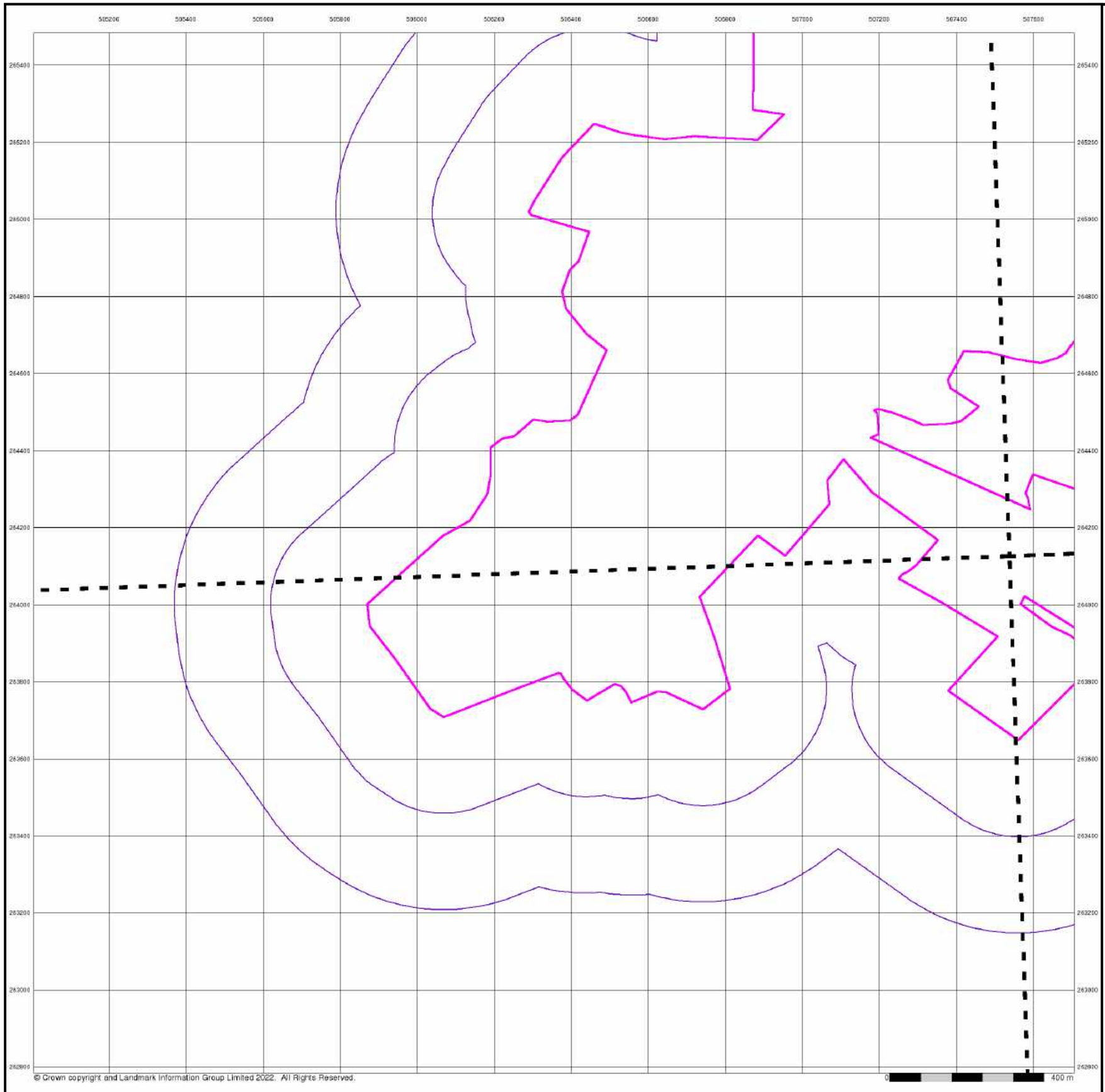

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Huntingdonshire

Published 1886

Source map scale - 1:10,560

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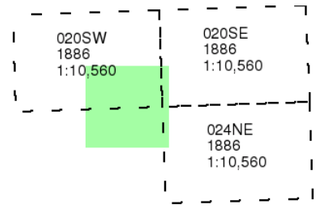
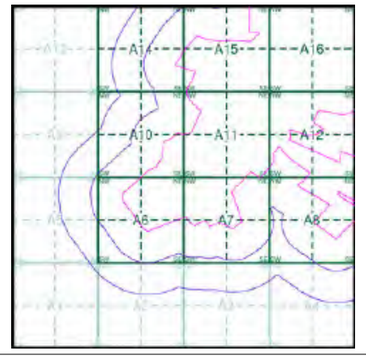


Historical Map - Slice A



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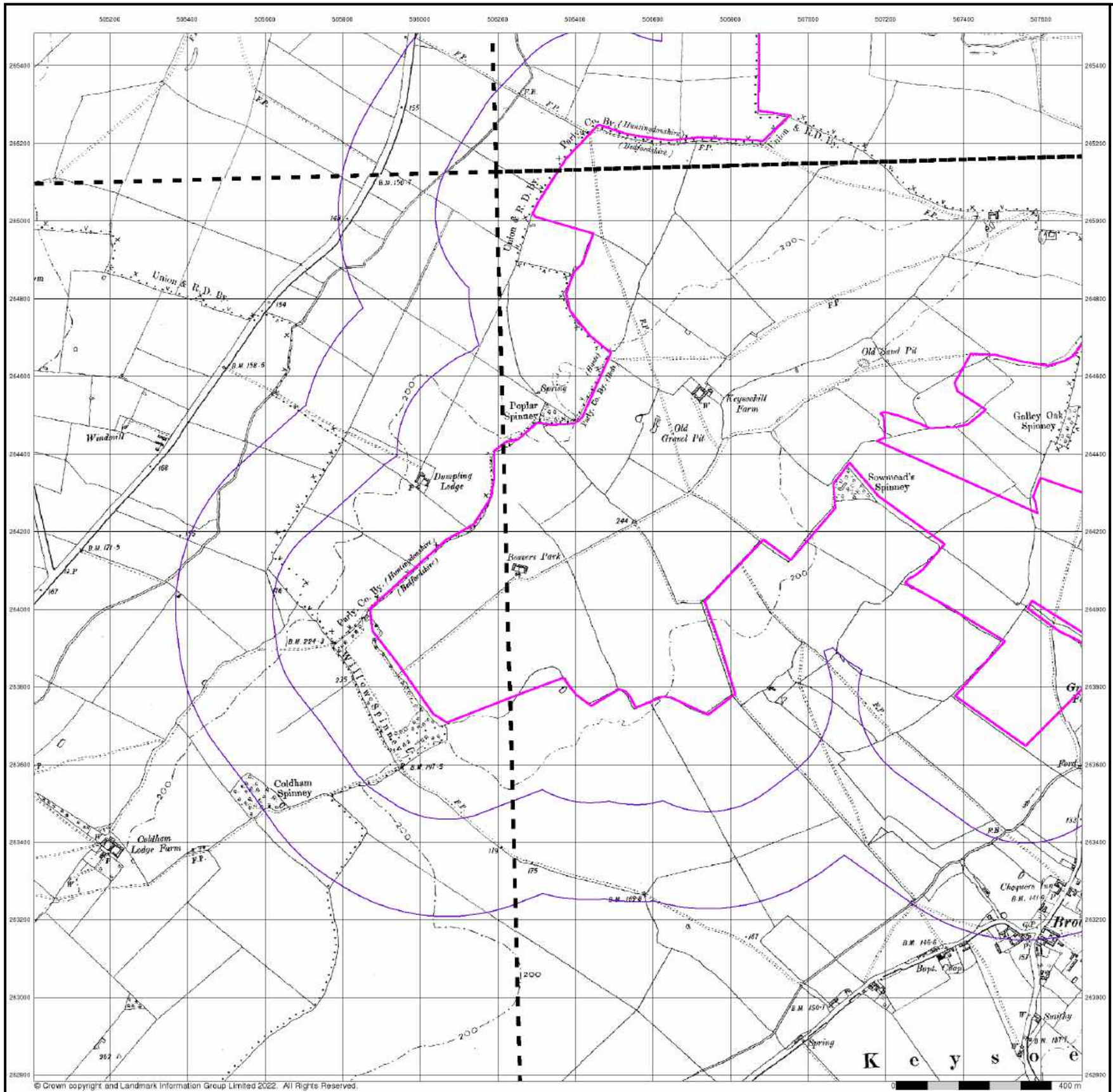

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Bedfordshire

Published 1902

Source map scale - 1:10,560

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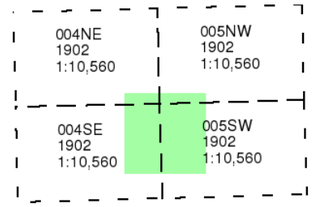
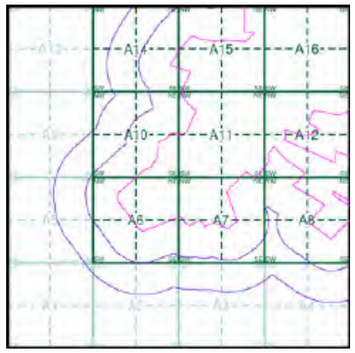


Historical Map - Slice A



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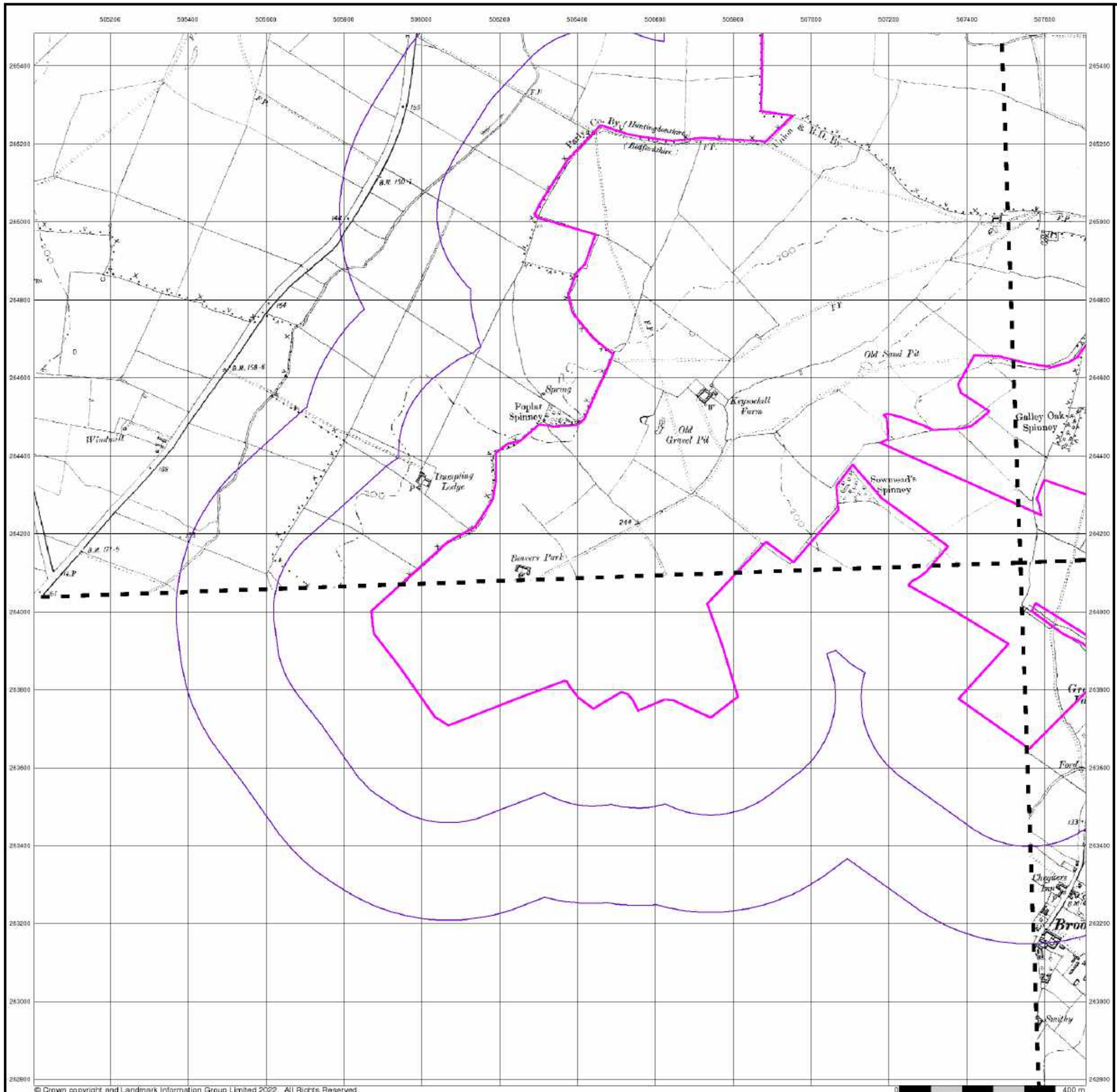

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Huntingdonshire

Published 1902

Source map scale - 1:10,560

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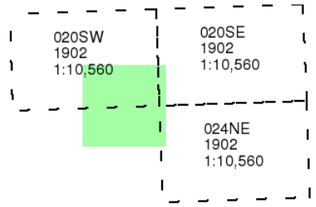
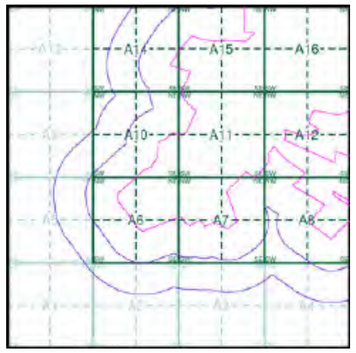


Historical Map - Slice A



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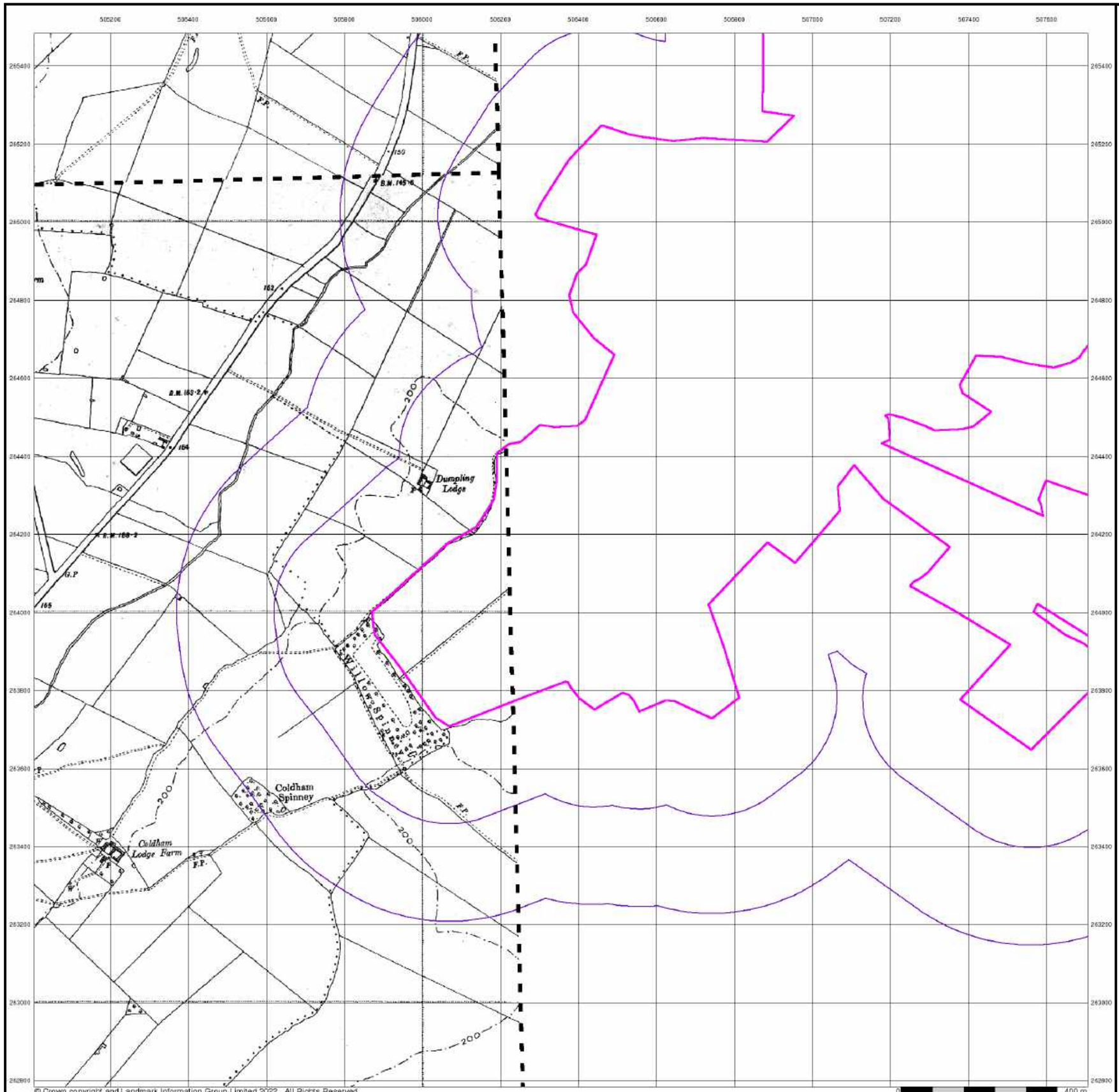

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Bedfordshire

Published 1951

Source map scale - 1:10,560

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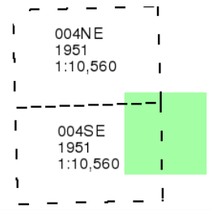
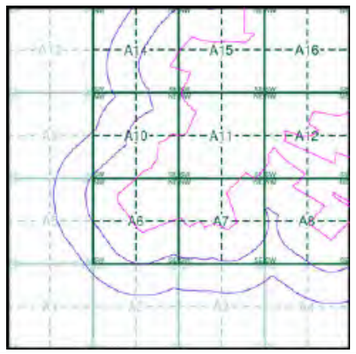


Historical Map - Slice A



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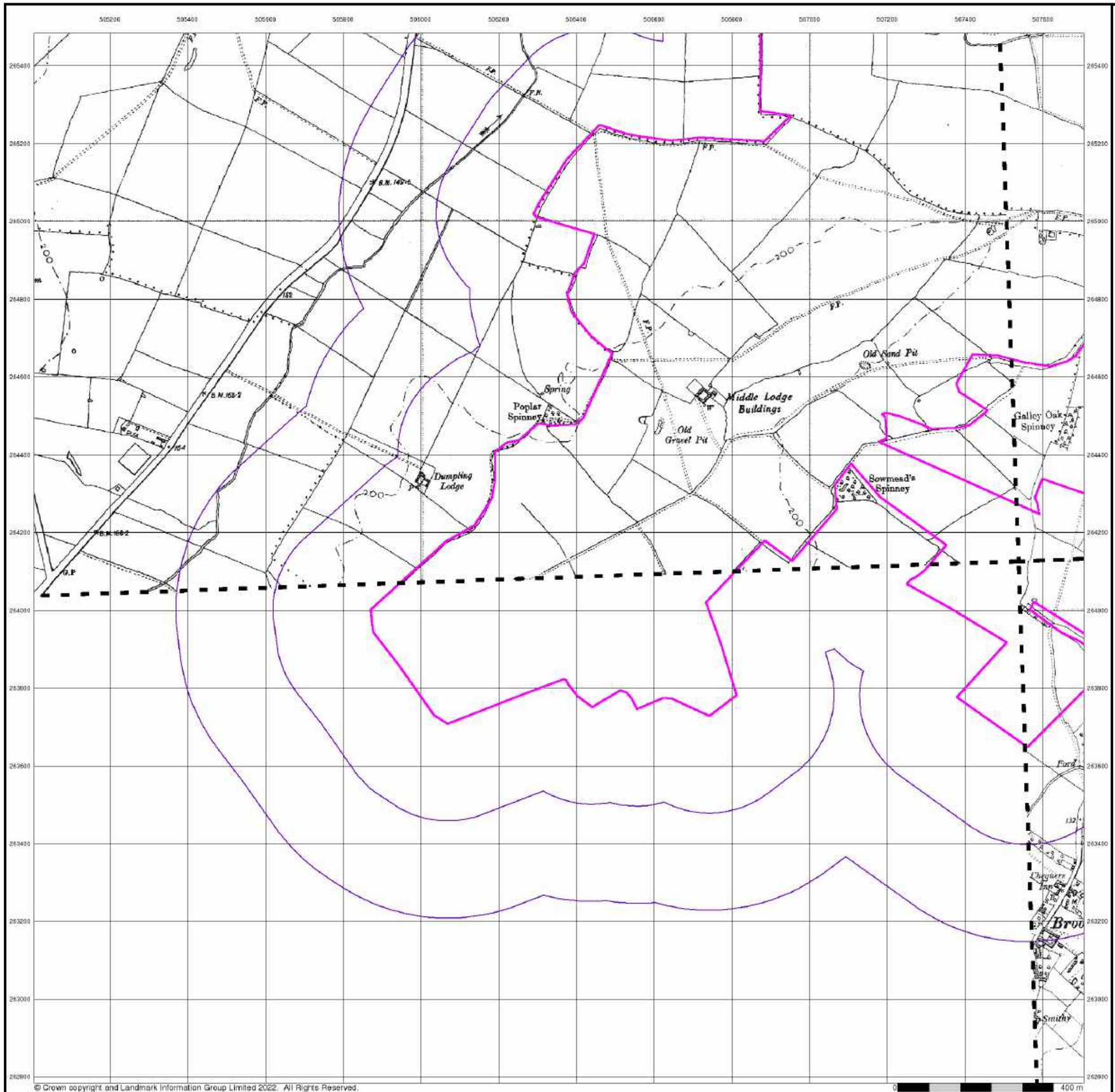

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Huntingdonshire

Published 1952

Source map scale - 1:10,560

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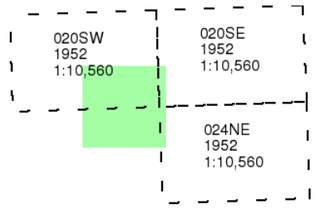
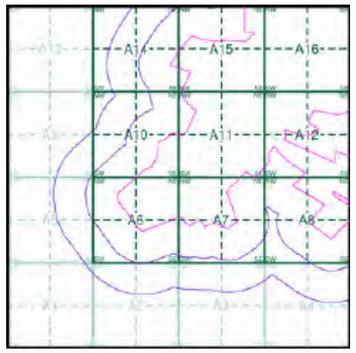


Historical Map - Slice A



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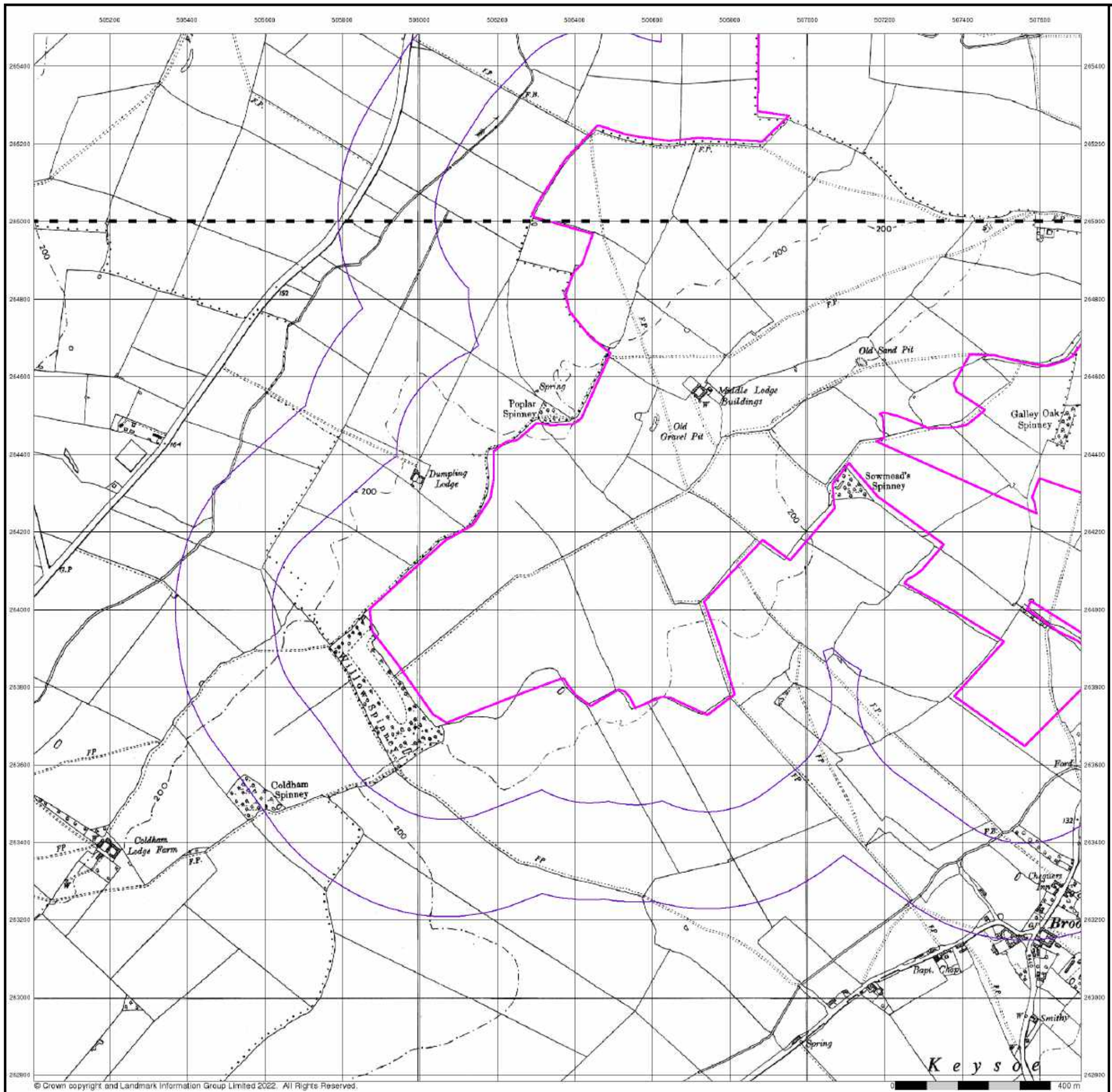

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Ordnance Survey Plan

Published 1958

Source map scale - 1:10,000

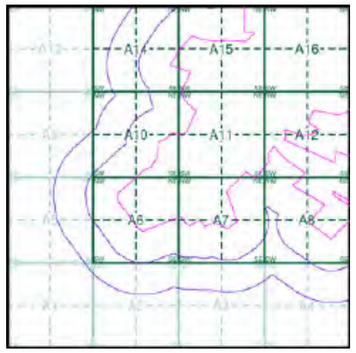
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)

TL06NE
1958
1:10,560

TL06SE
1958
1:10,560

Historical Map - Slice A



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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Ordnance Survey Plan

Published 1969

Source map scale - 1:10,000

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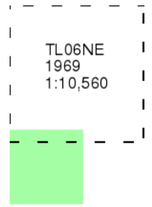
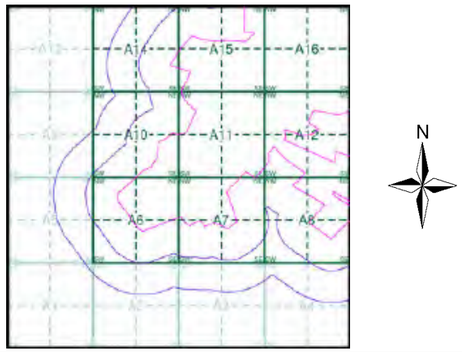
Map Name(s) and Date(s)



Historical Map - Slice A



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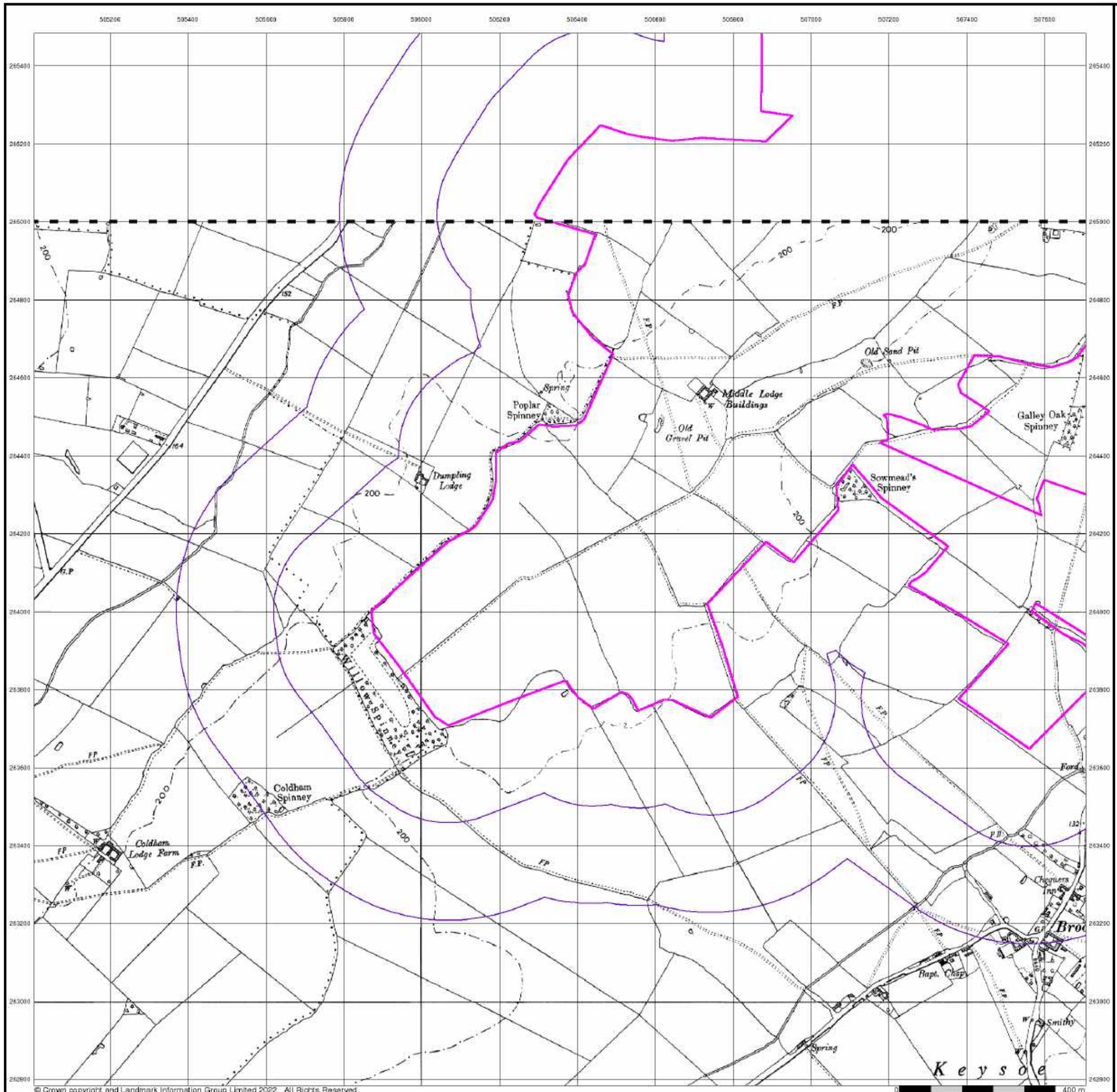

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Ordnance Survey Plan

Published 1970

Source map scale - 1:10,000

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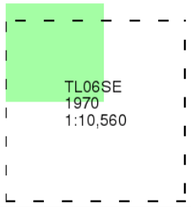
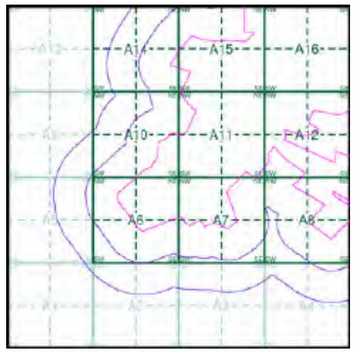


Historical Map - Slice A



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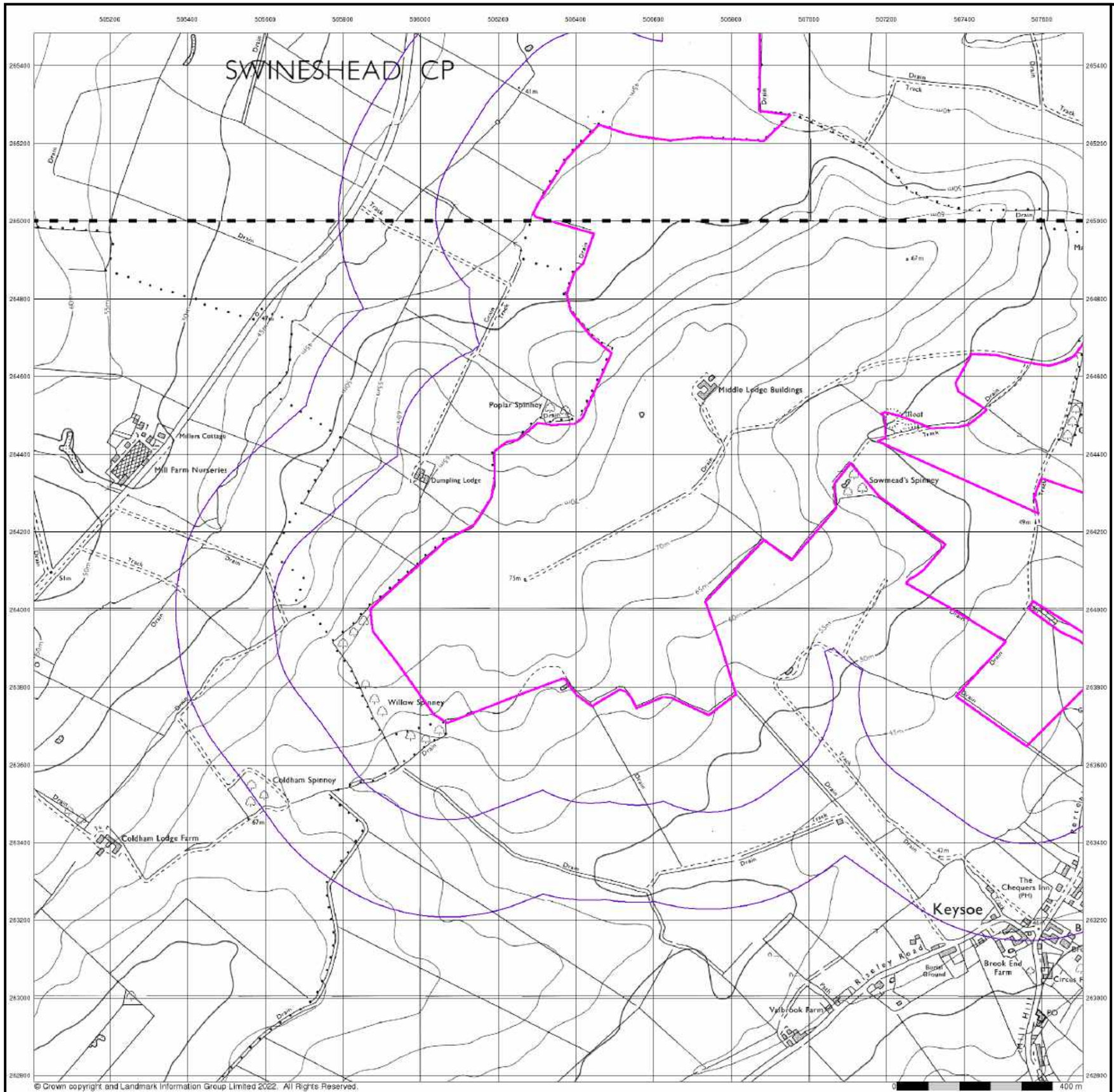

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Ordnance Survey Plan

Published 1983 - 1984

Source map scale - 1:10,000

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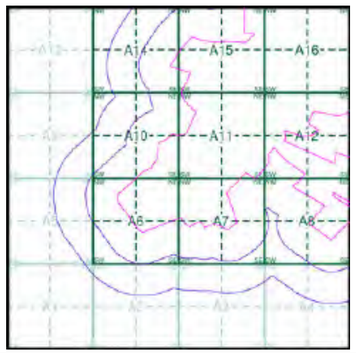
Map Name(s) and Date(s)

TL06NE
1983
1:10,000

TL06SE
1984
1:10,000

Historical Map - Slice A



Order Details

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Customer Ref:	R3035
National Grid Reference:	506670, 264320
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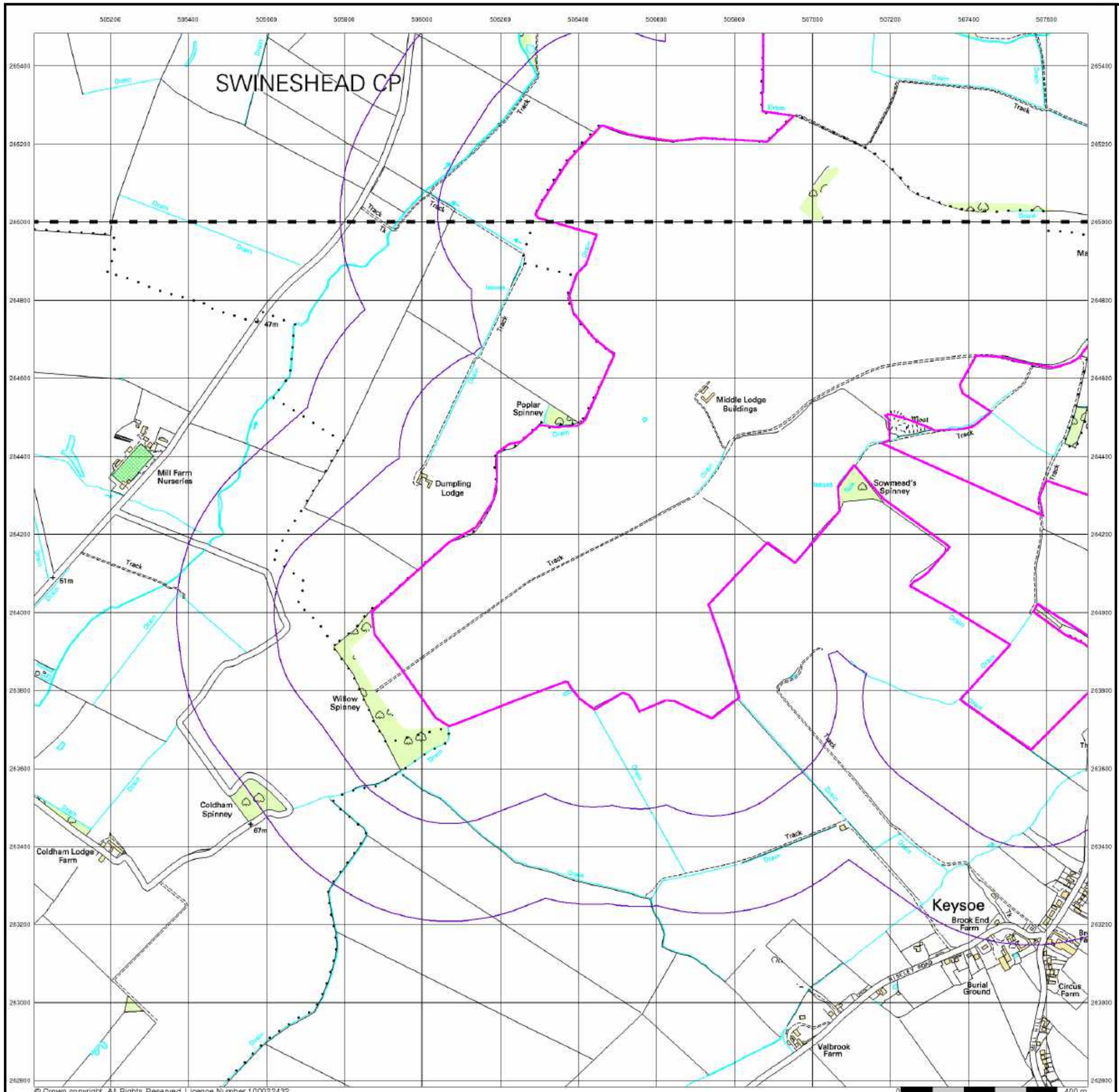

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10k Raster Mapping

Published 1999

Source map scale - 1:10,000

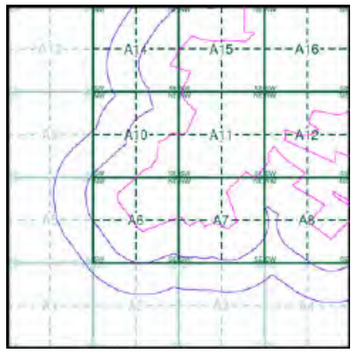
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)

TL06NE 1999 1:10,000

TL06SE 1999 1:10,000

Historical Map - Slice A



Order Details

Order Number:	299346790_1_1
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National Grid Reference:	506670, 264320
Slice:	A
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Site Details

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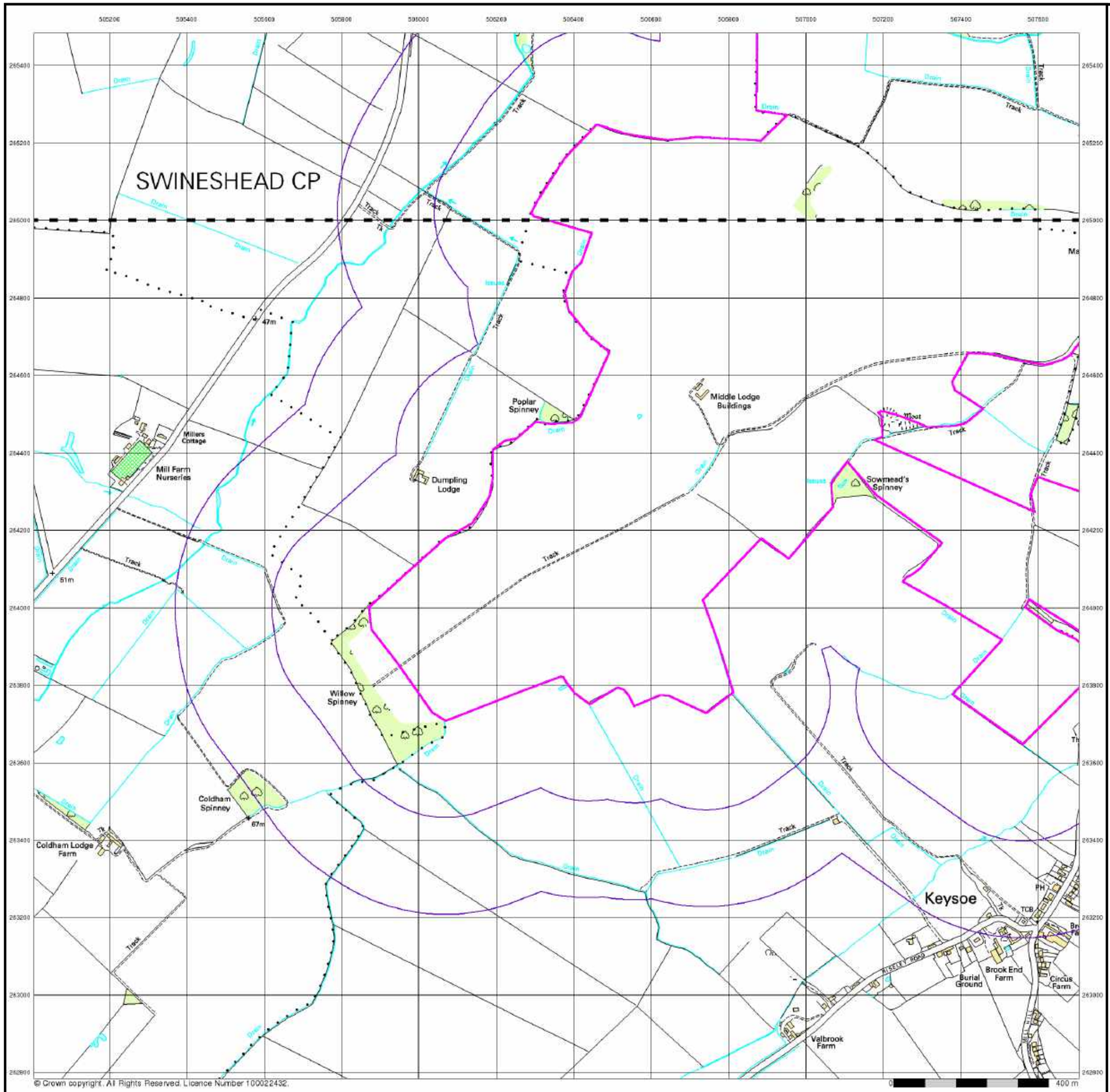

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10k Raster Mapping

Published 2006

Source map scale - 1:10,000

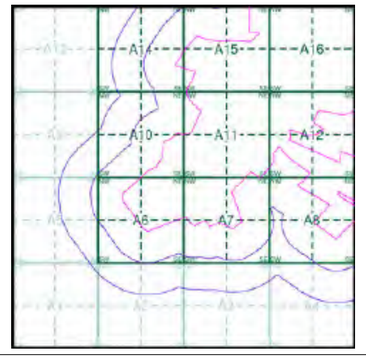
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)

TL06NE 2006 1:10,000

TL06SE 2006 1:10,000

Historical Map - Slice A



Order Details

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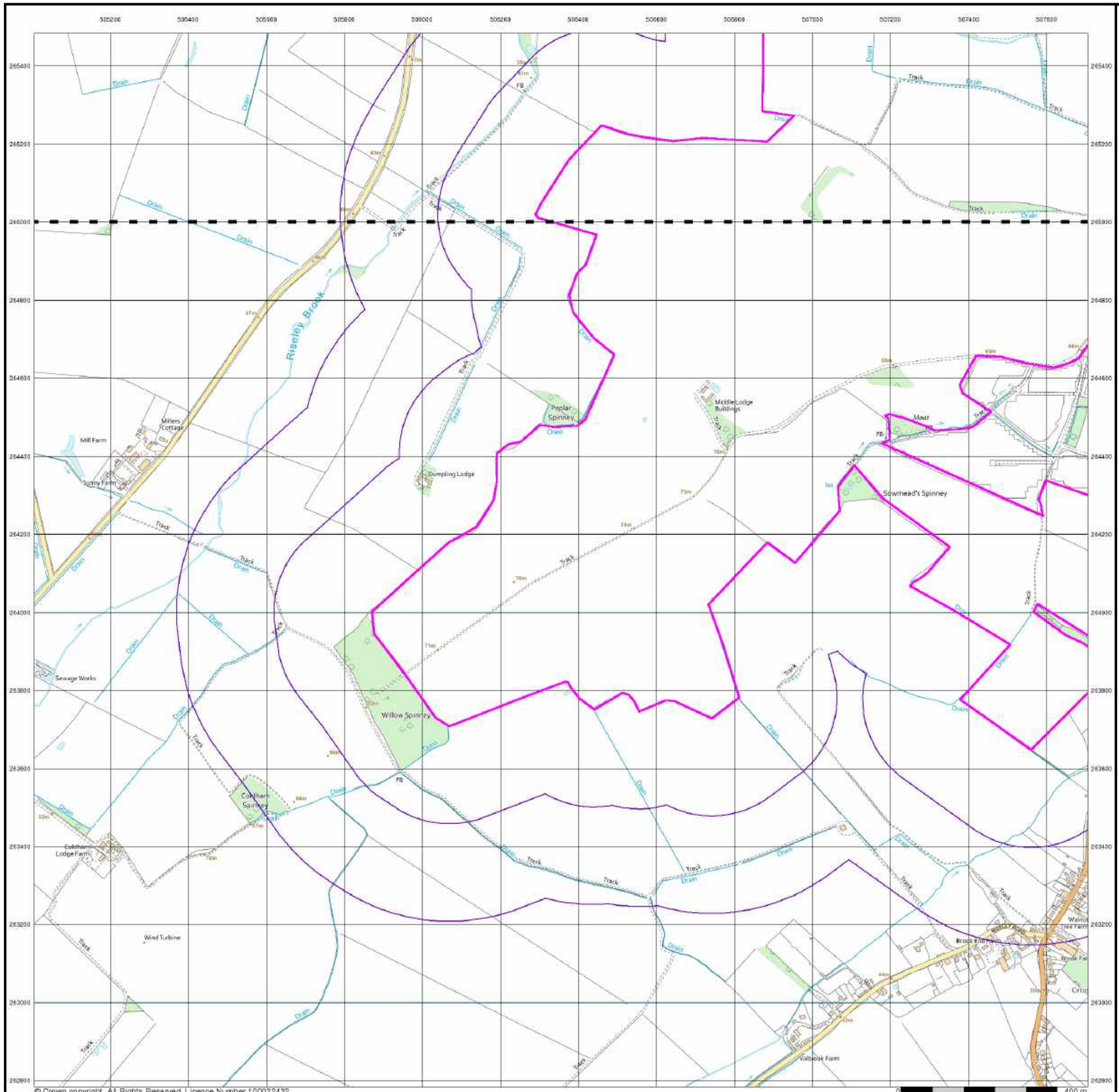

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VectorMap Local

Published 2021

Source map scale - 1:10,000

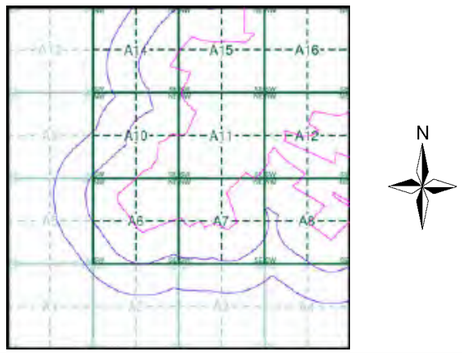
VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap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

Map Name(s) and Date(s)

TL06NE 2021 Variable

TL06SE 2021 Variable

Historical Map - Slice A



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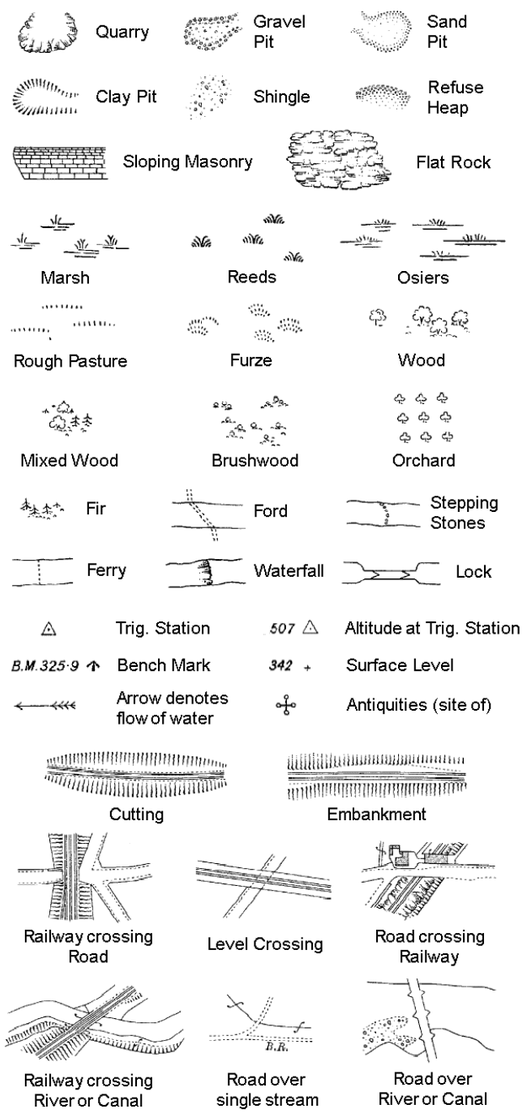
Historical Mapping Legends

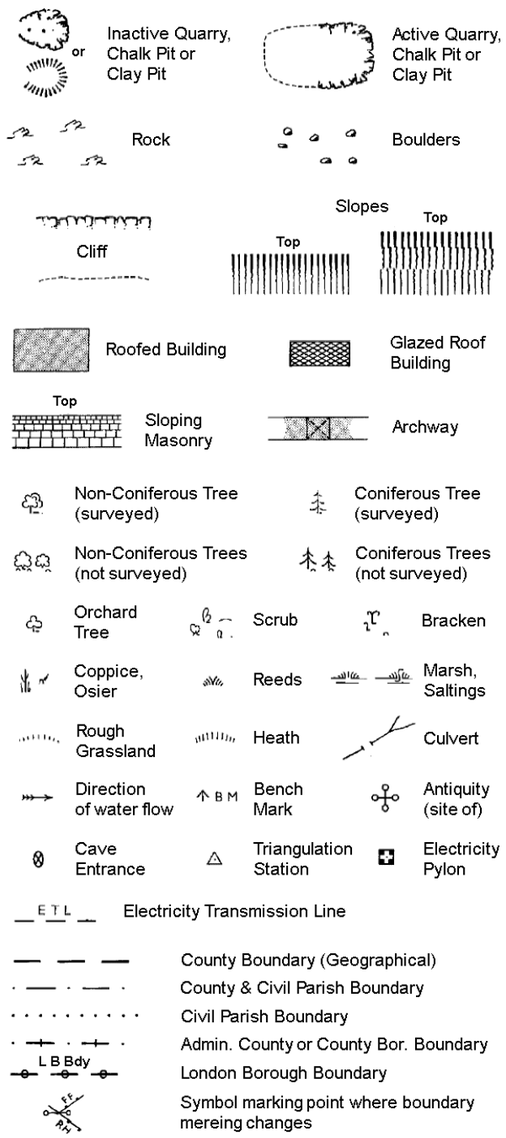
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy.
County Borough Boundary (England)
Co. Burgh Bdy.
County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

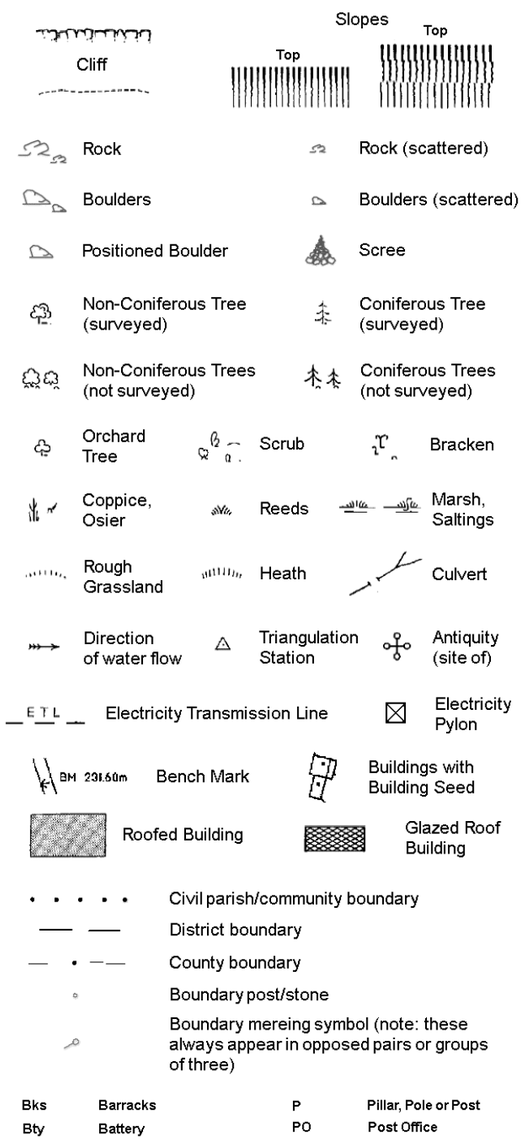
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy
London Borough Boundary
Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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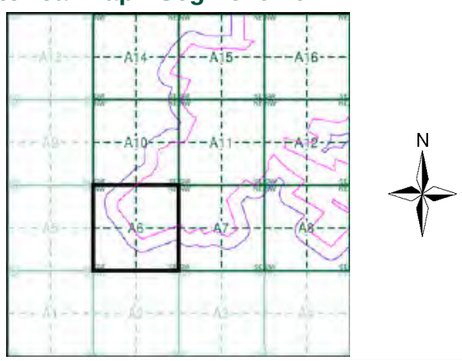
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:2,500	1884	2
Bedfordshire	1:2,500	1901	3
Ordnance Survey Plan	1:2,500	1979	4
Large-Scale National Grid Data	1:2,500	1993	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A6



Order Details

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Site Details

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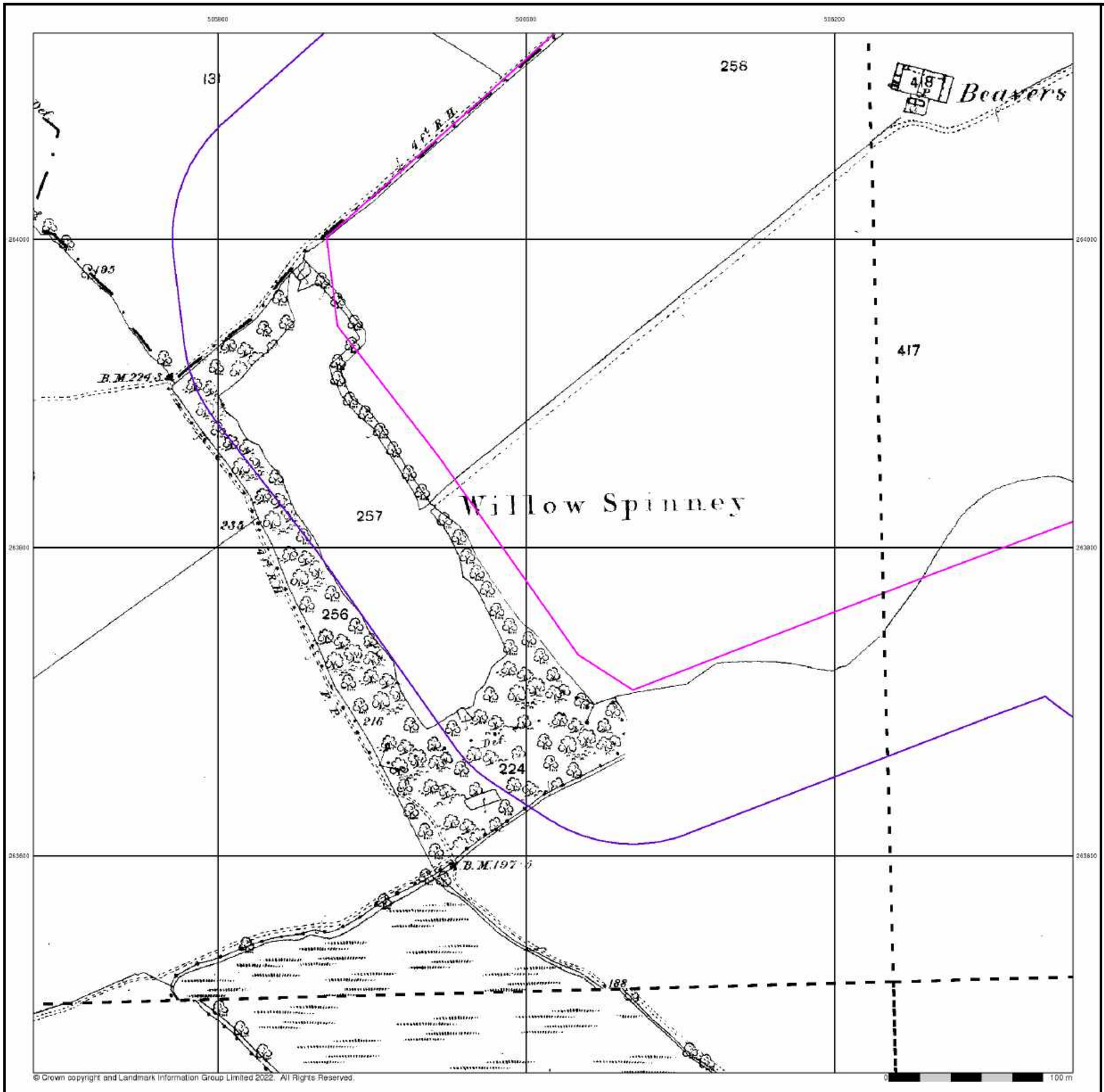

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Bedfordshire

Published 1884

Source map scale - 1:2,500

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

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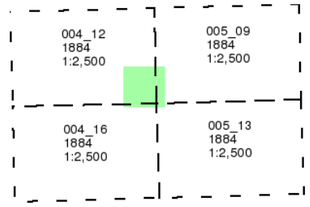
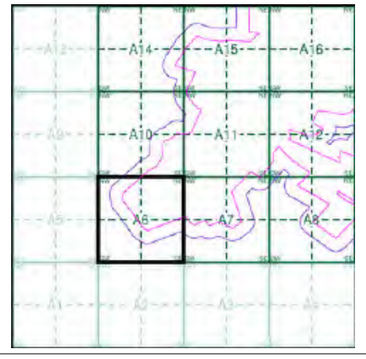


Historical Map - Segment A6



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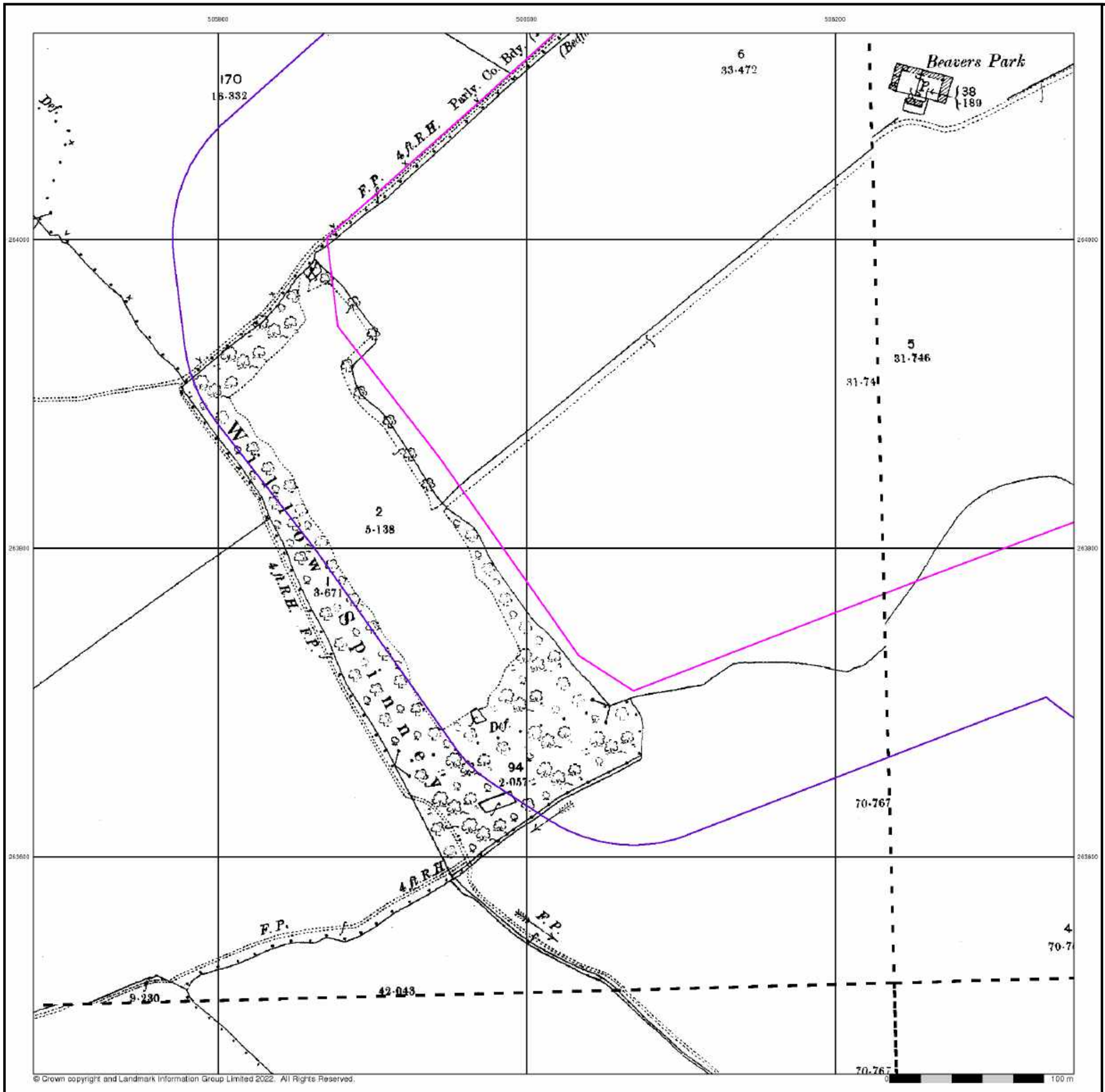

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Bedfordshire

Published 1901

Source map scale - 1:2,500

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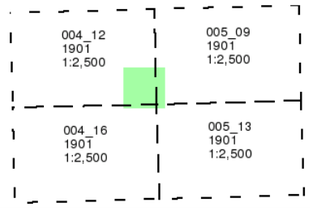
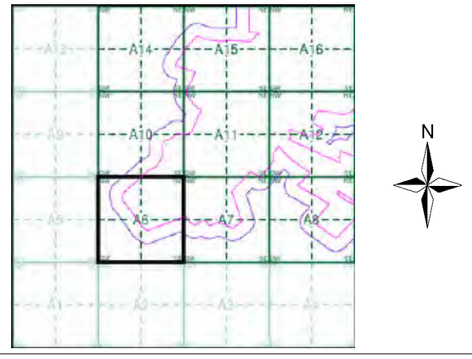


Historical Map - Segment A6



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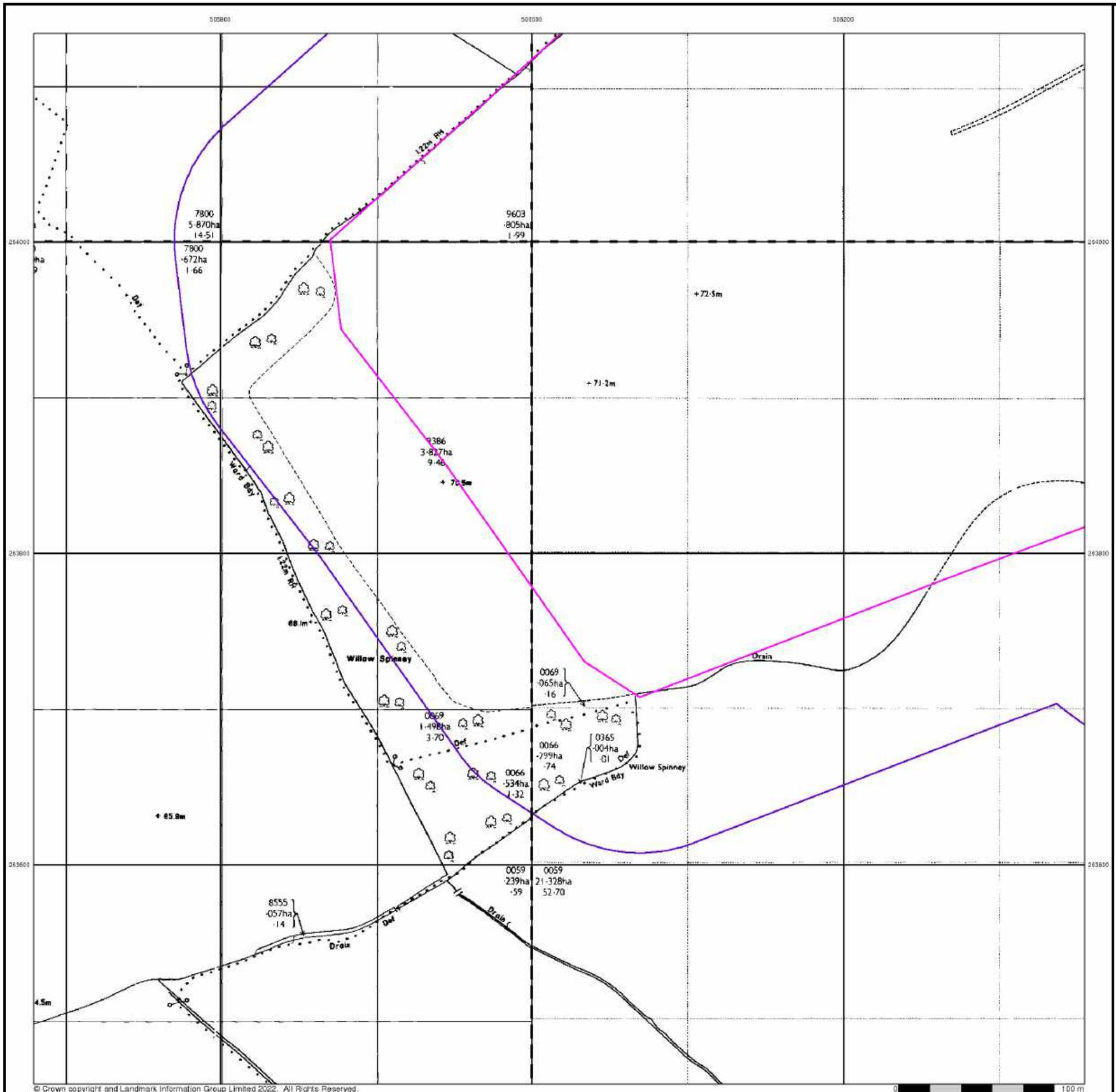

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Ordnance Survey Plan

Published 1979

Source map scale - 1:2,500

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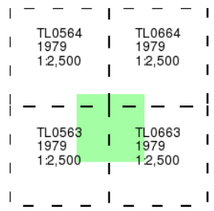
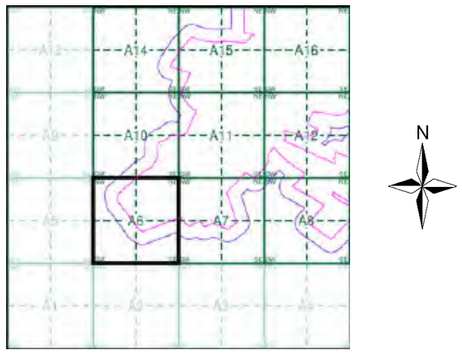


Historical Map - Segment A6

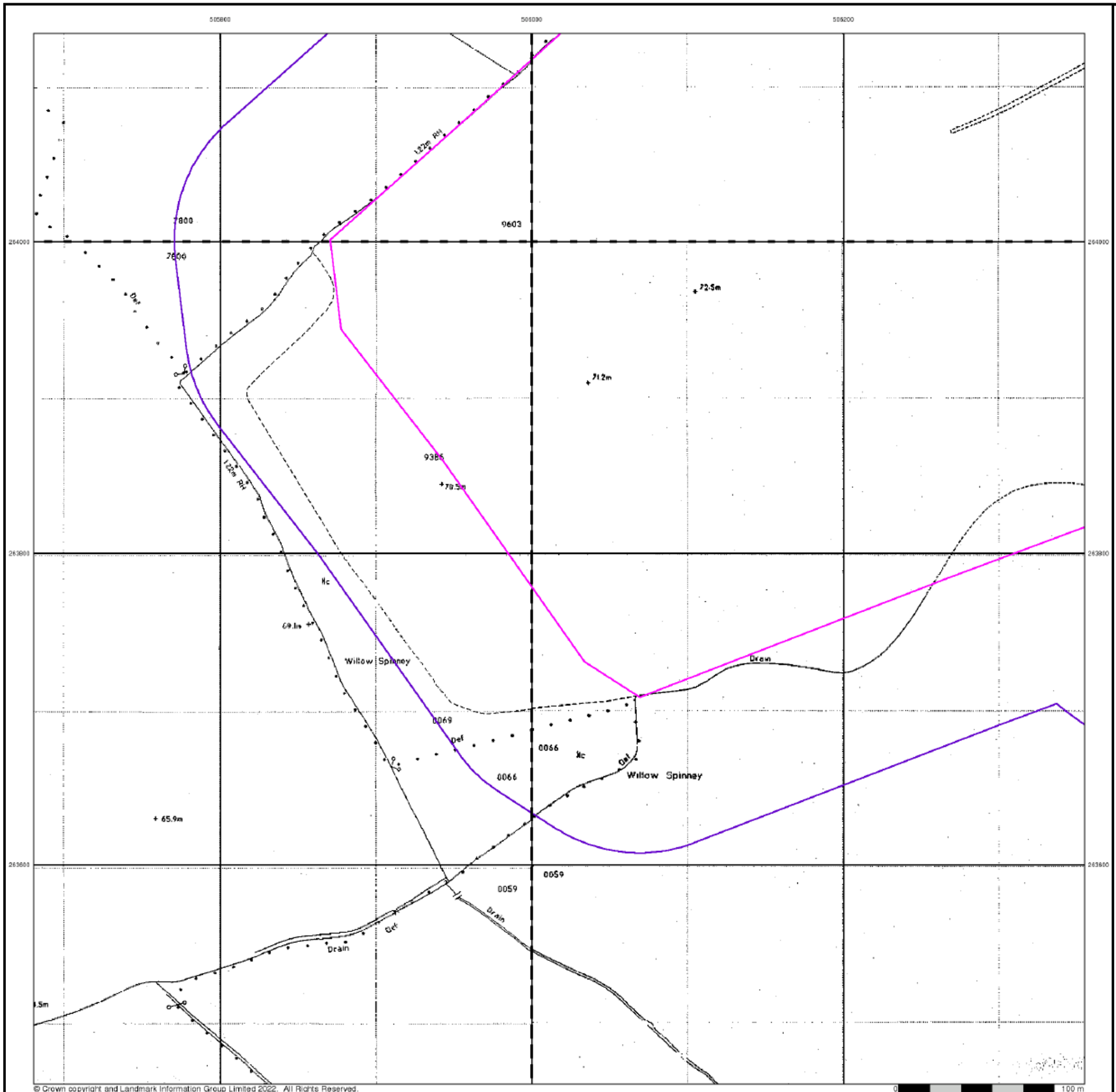


Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A



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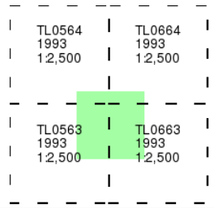
Large-Scale National Grid Data

Published 1993

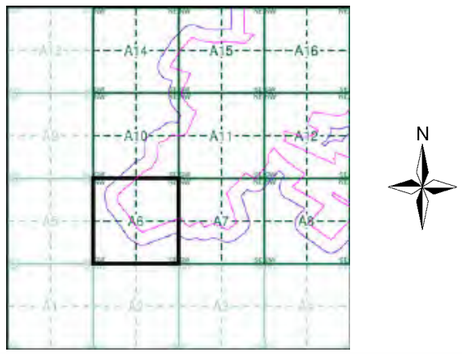
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A6



Order Details

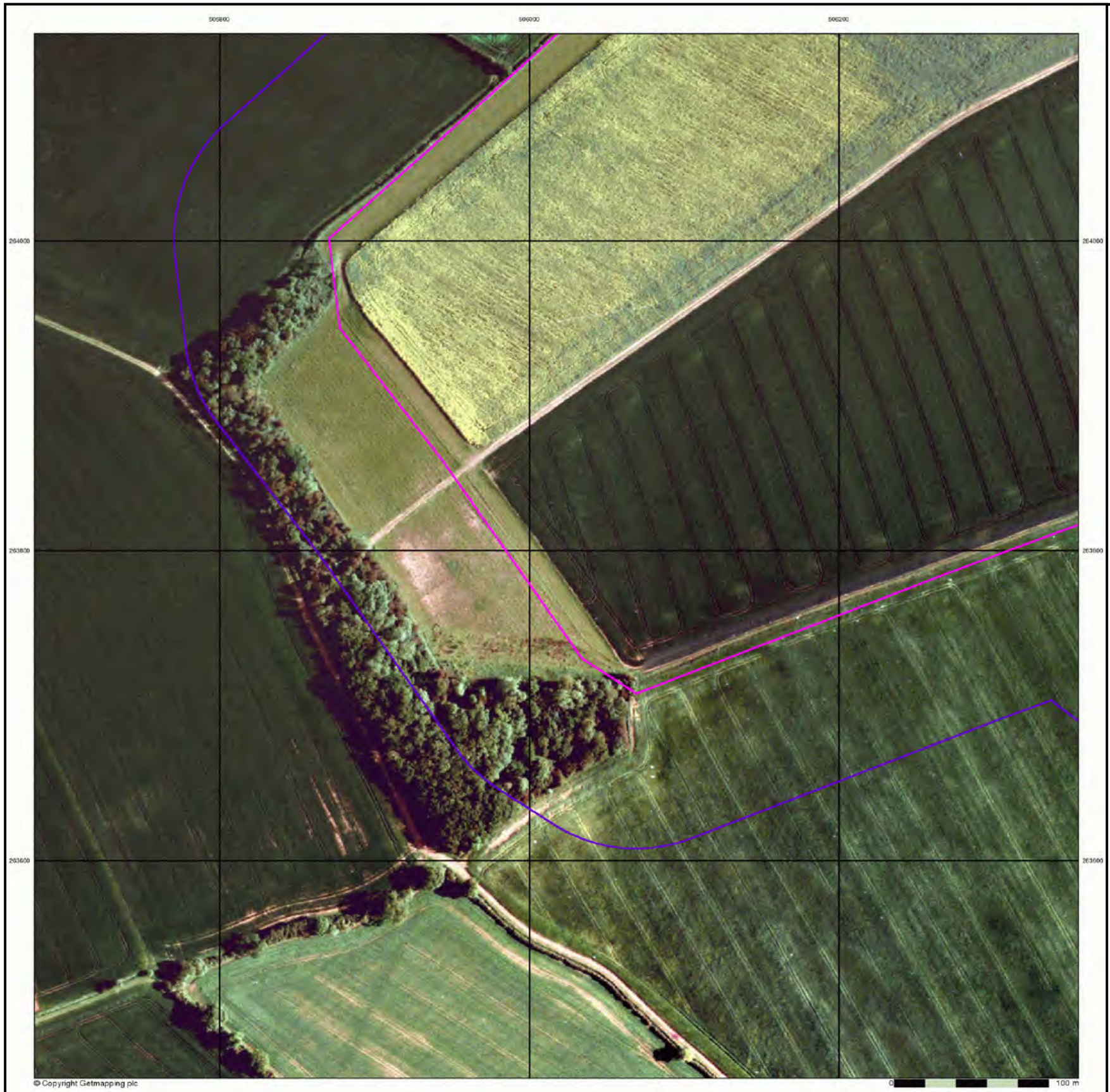
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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



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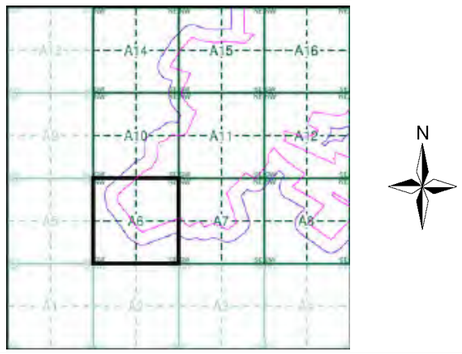
Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A6



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

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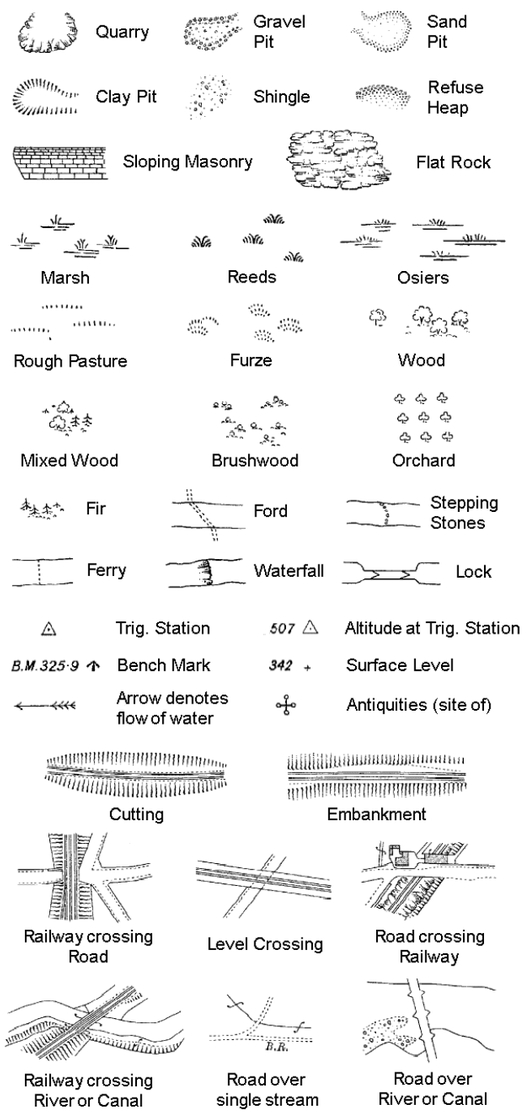
Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

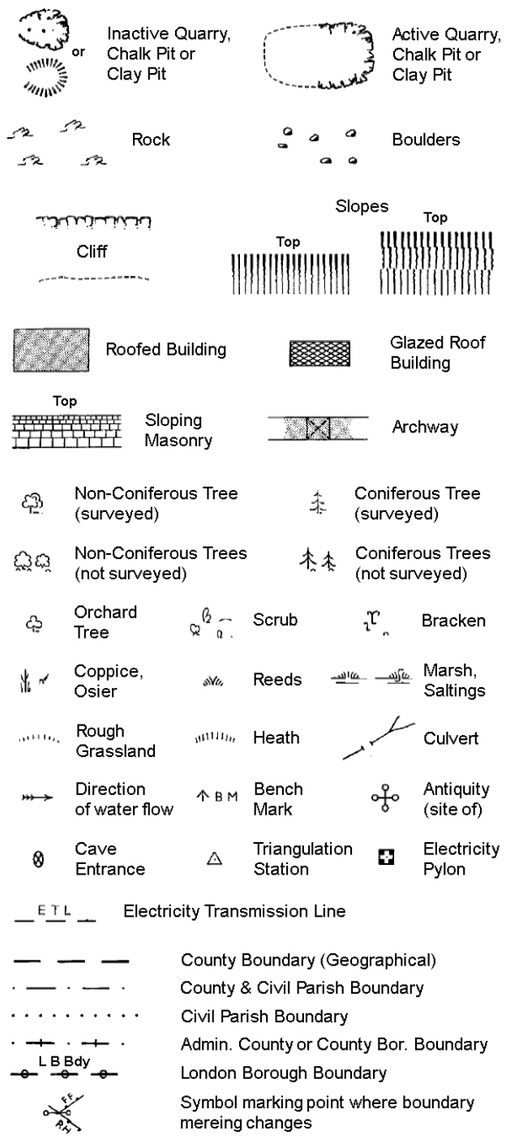
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

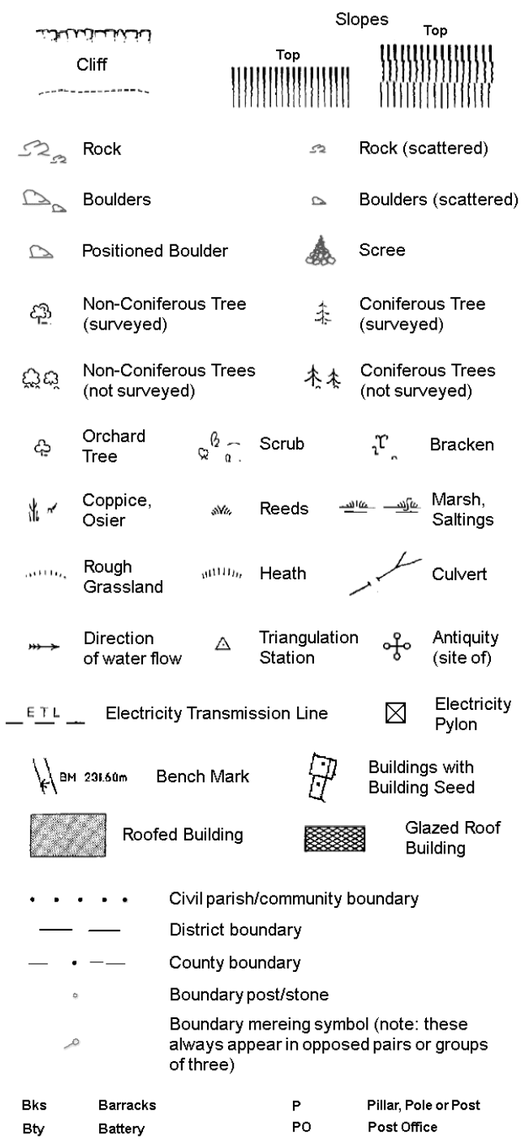
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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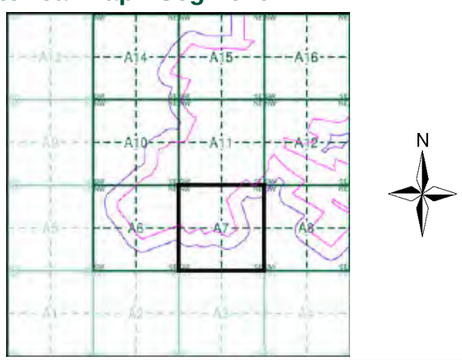
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:2,500	1884	2
Bedfordshire	1:2,500	1901	3
Ordnance Survey Plan	1:2,500	1979	4
Large-Scale National Grid Data	1:2,500	1993	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A7



Order Details

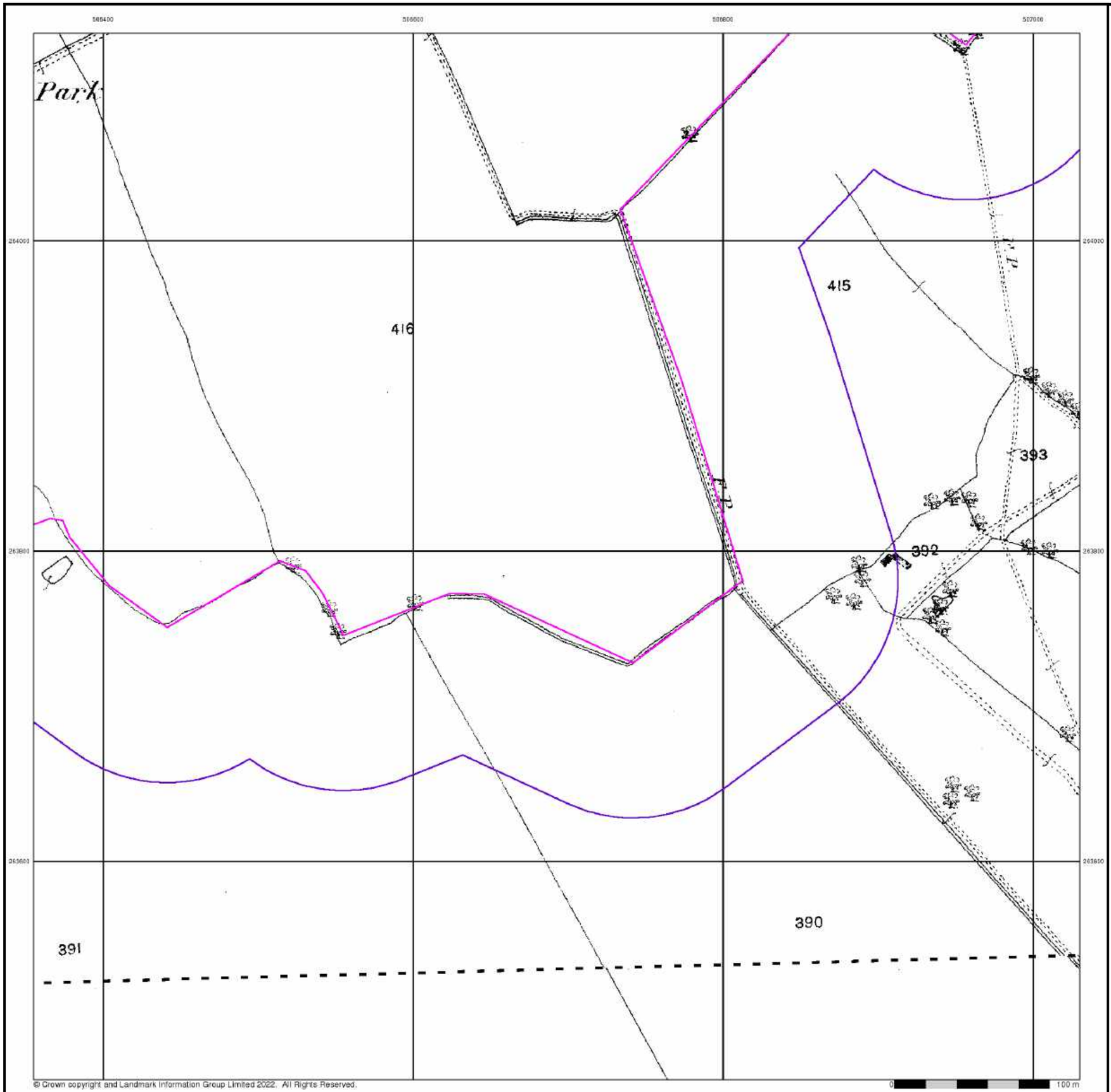
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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



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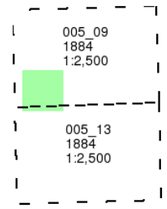
Bedfordshire

Published 1884

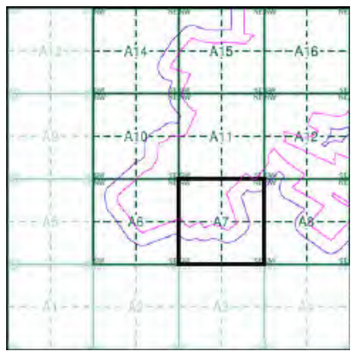
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A7



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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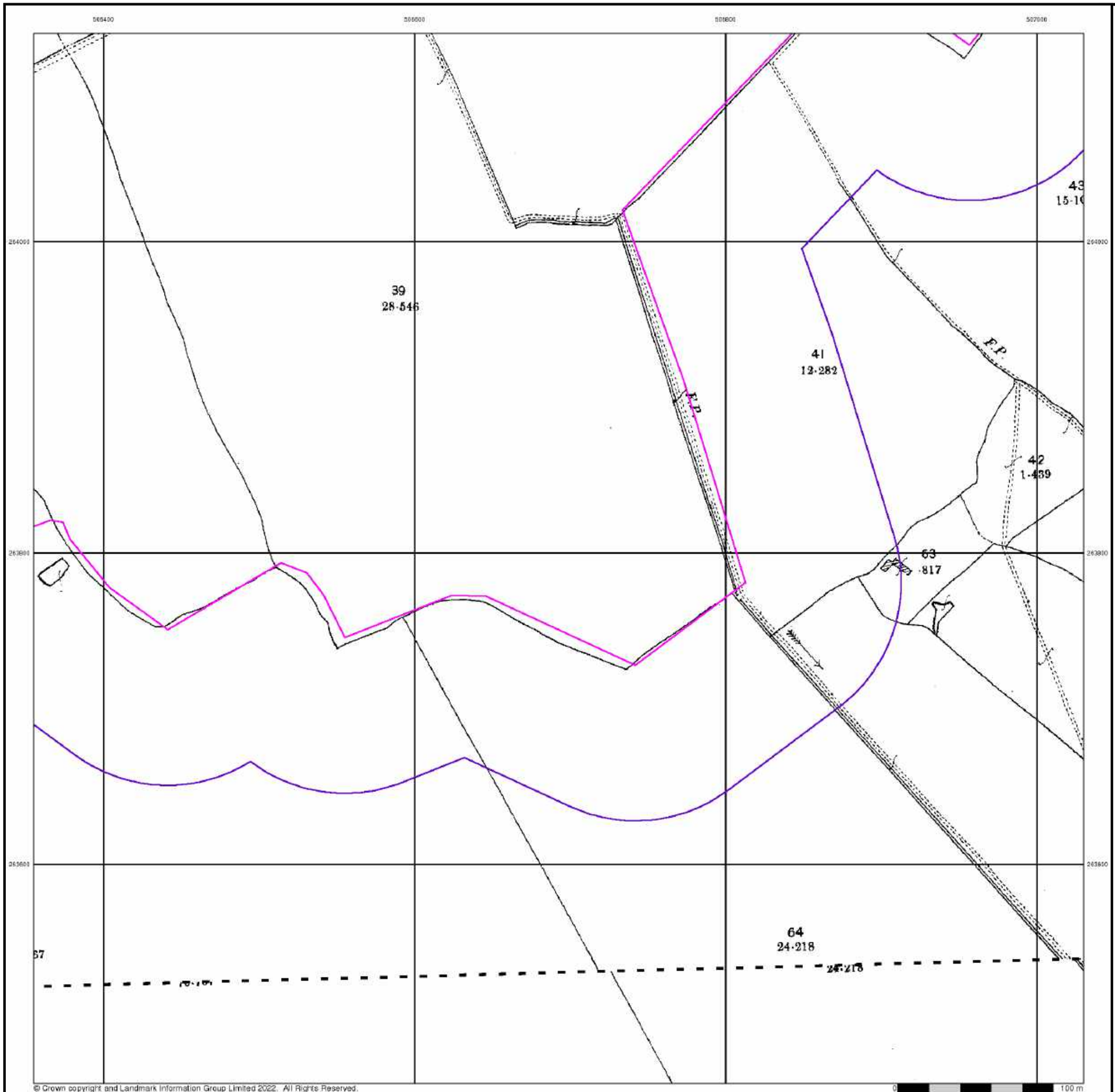

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LANDMARK INFORMATION GROUP®

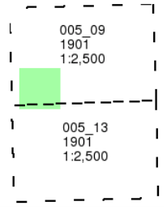
Bedfordshire

Published 1901

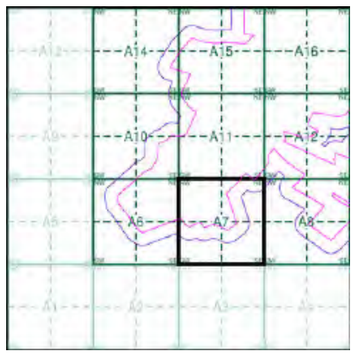
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A7



Order Details

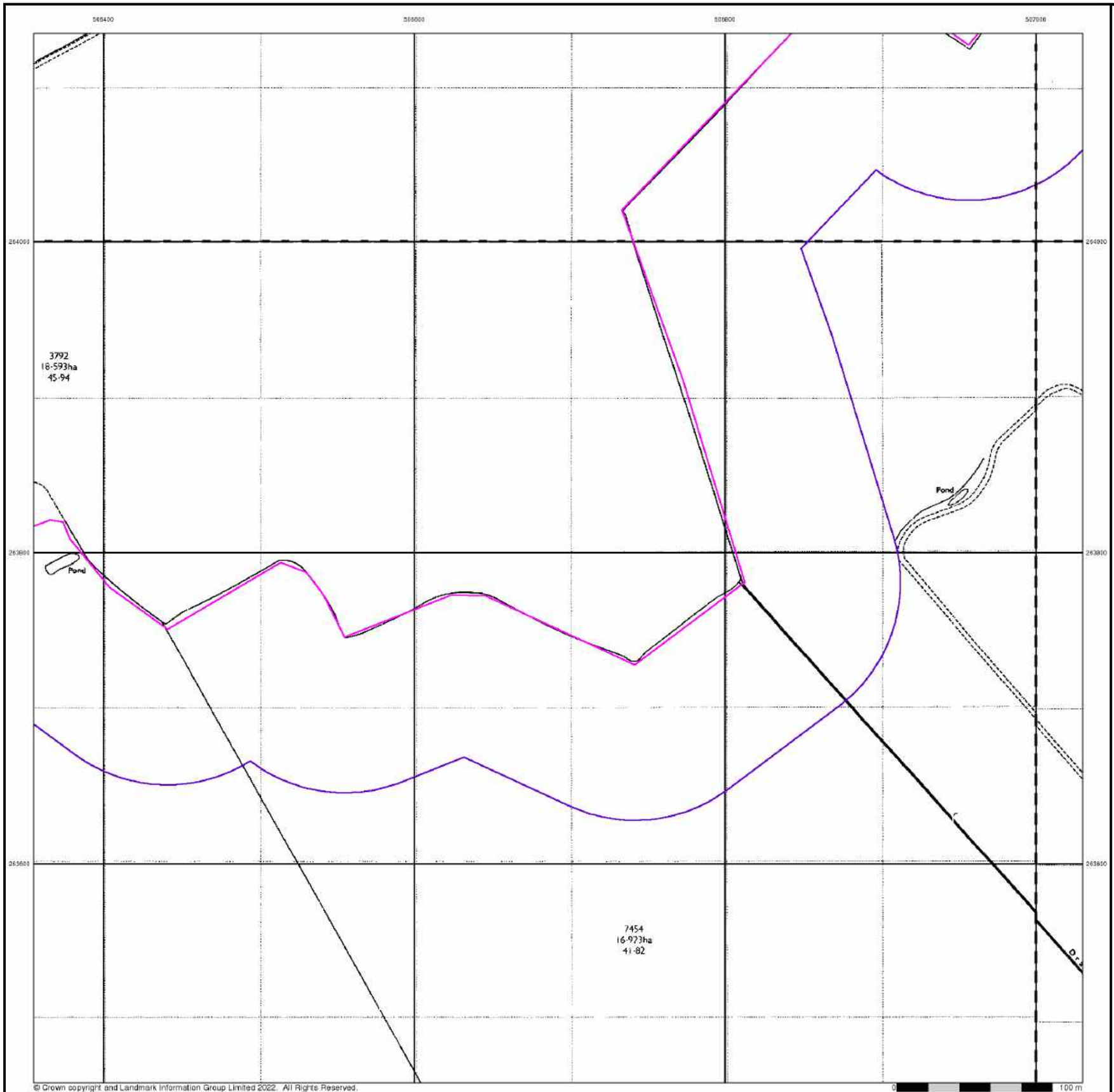
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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



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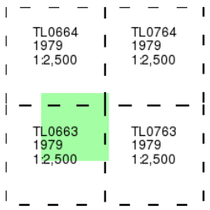
Ordnance Survey Plan

Published 1979

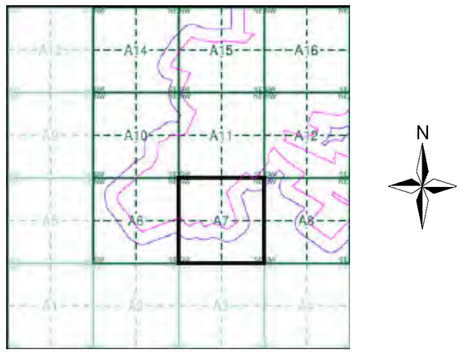
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A7



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

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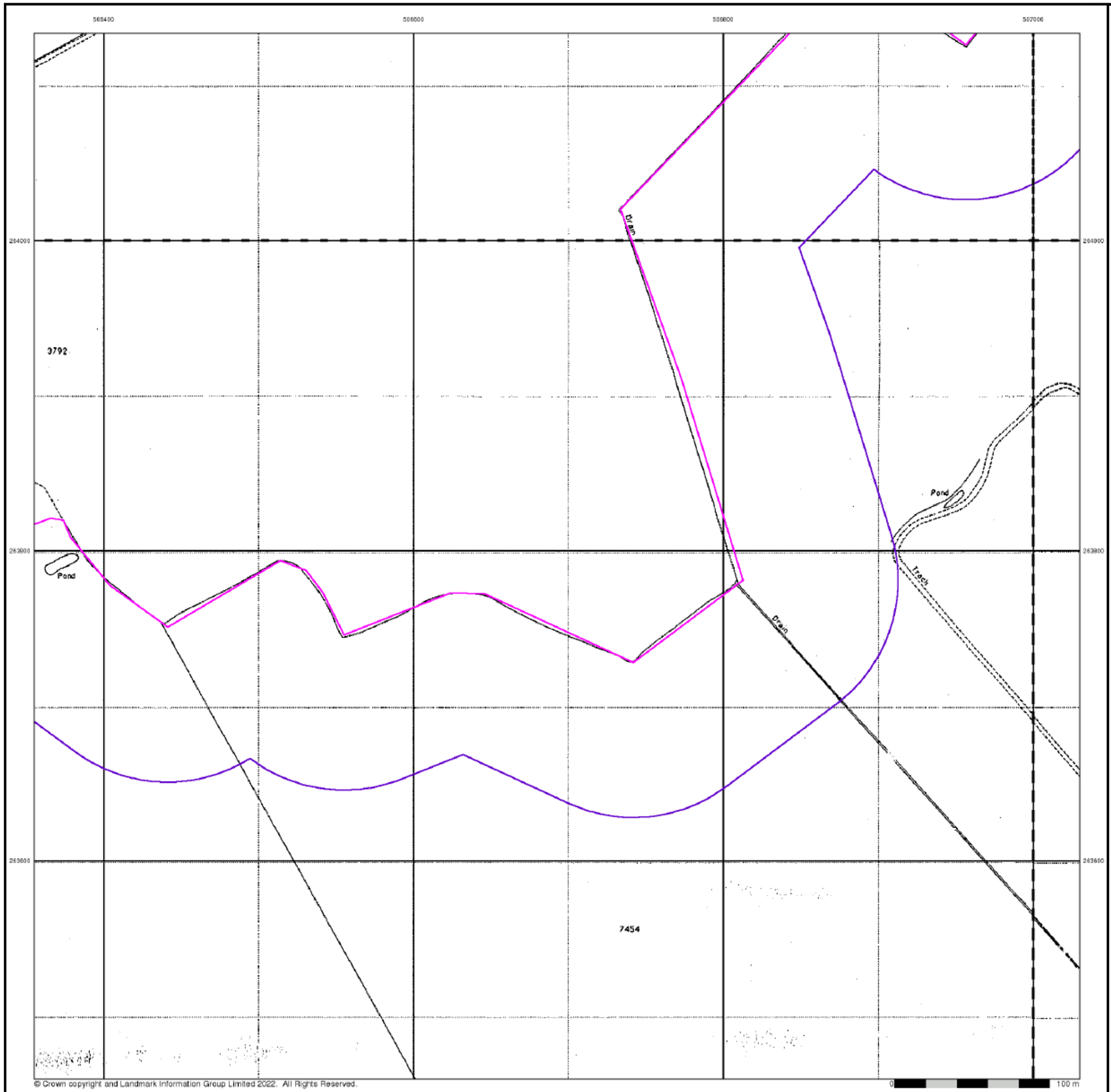

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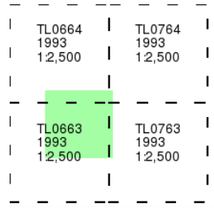
Large-Scale National Grid Data

Published 1993

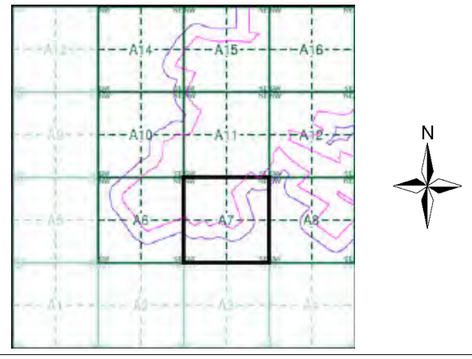
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A7



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

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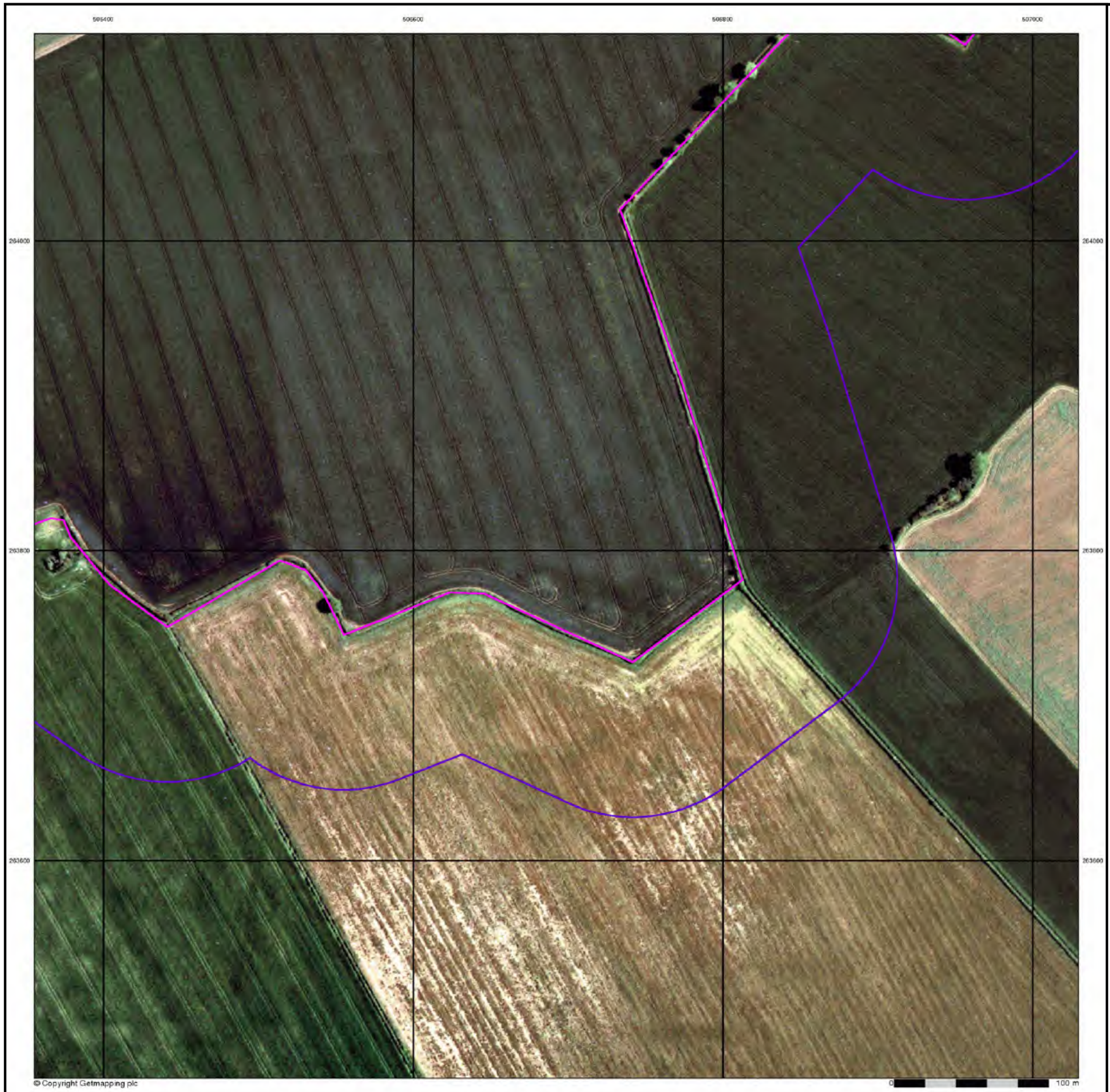

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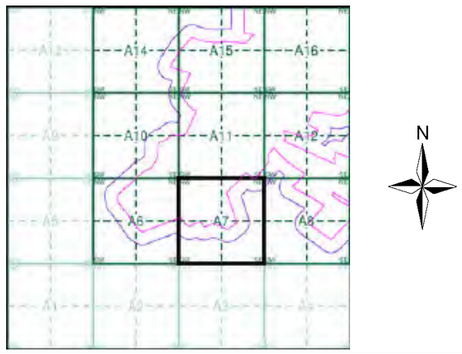
Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A7



Order Details

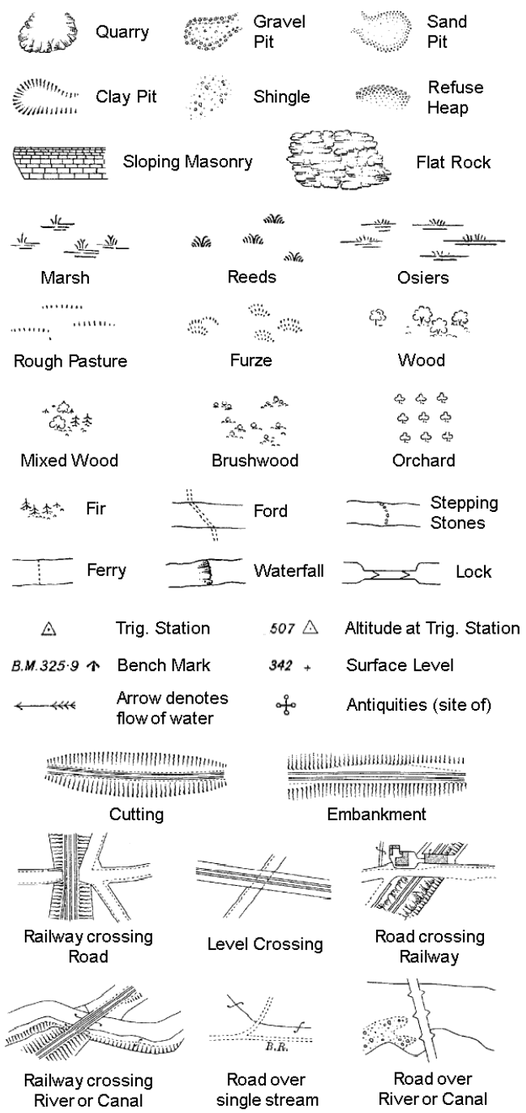
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

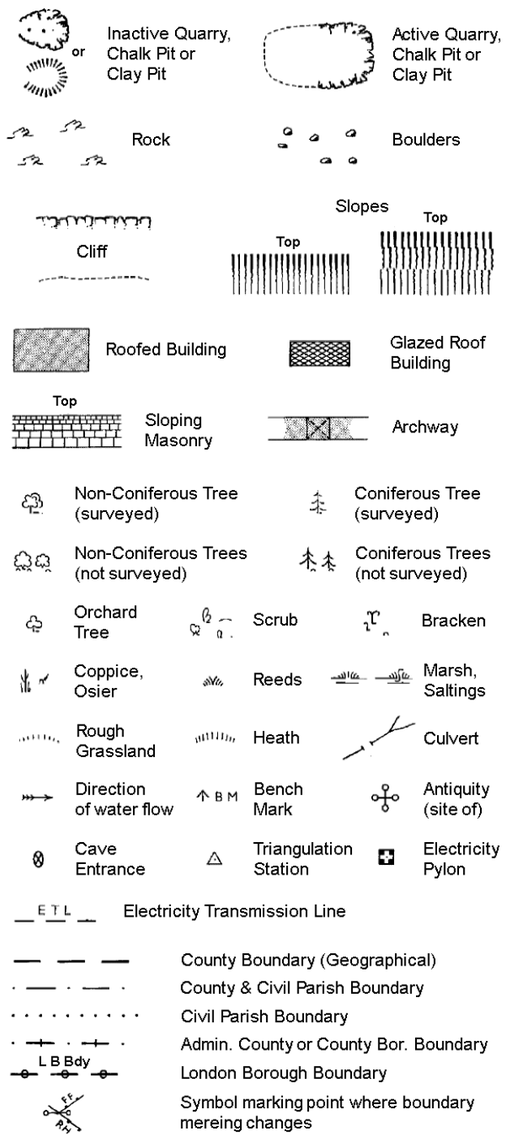
Historical Mapping Legends

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



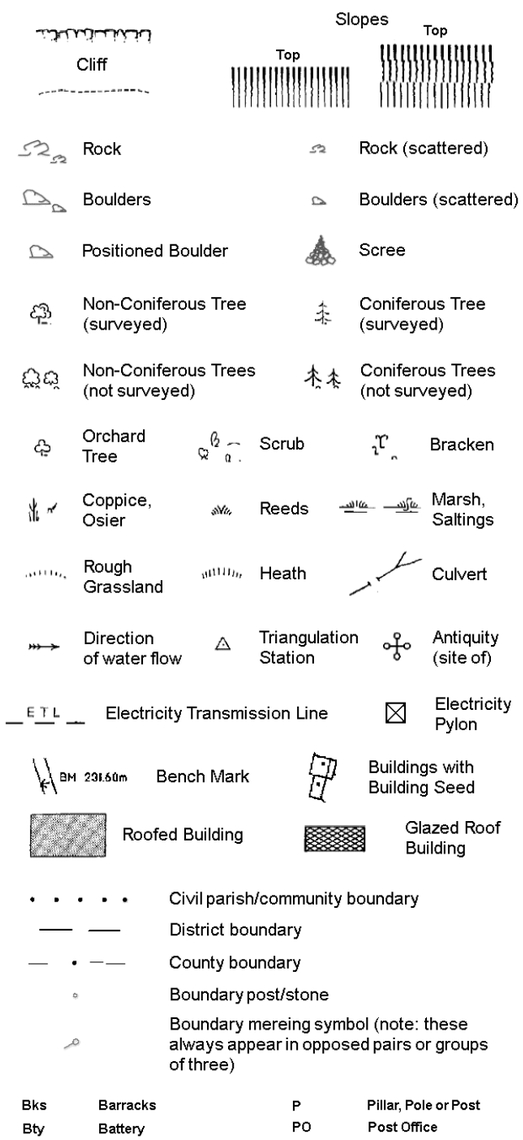
B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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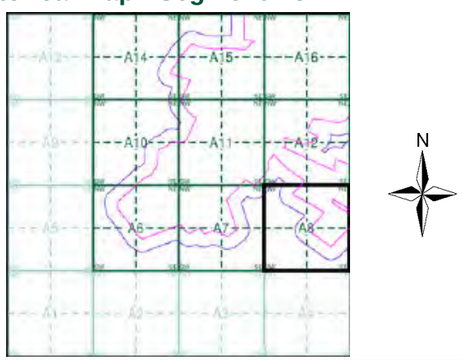
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:2,500	1884	2
Huntingdonshire	1:2,500	1887	3
Huntingdonshire	1:2,500	1901	4
Bedfordshire	1:2,500	1901	5
Ordnance Survey Plan	1:2,500	1979	6
Large-Scale National Grid Data	1:2,500	1993	7
Historical Aerial Photography	1:2,500	1999	8

Historical Map - Segment A8



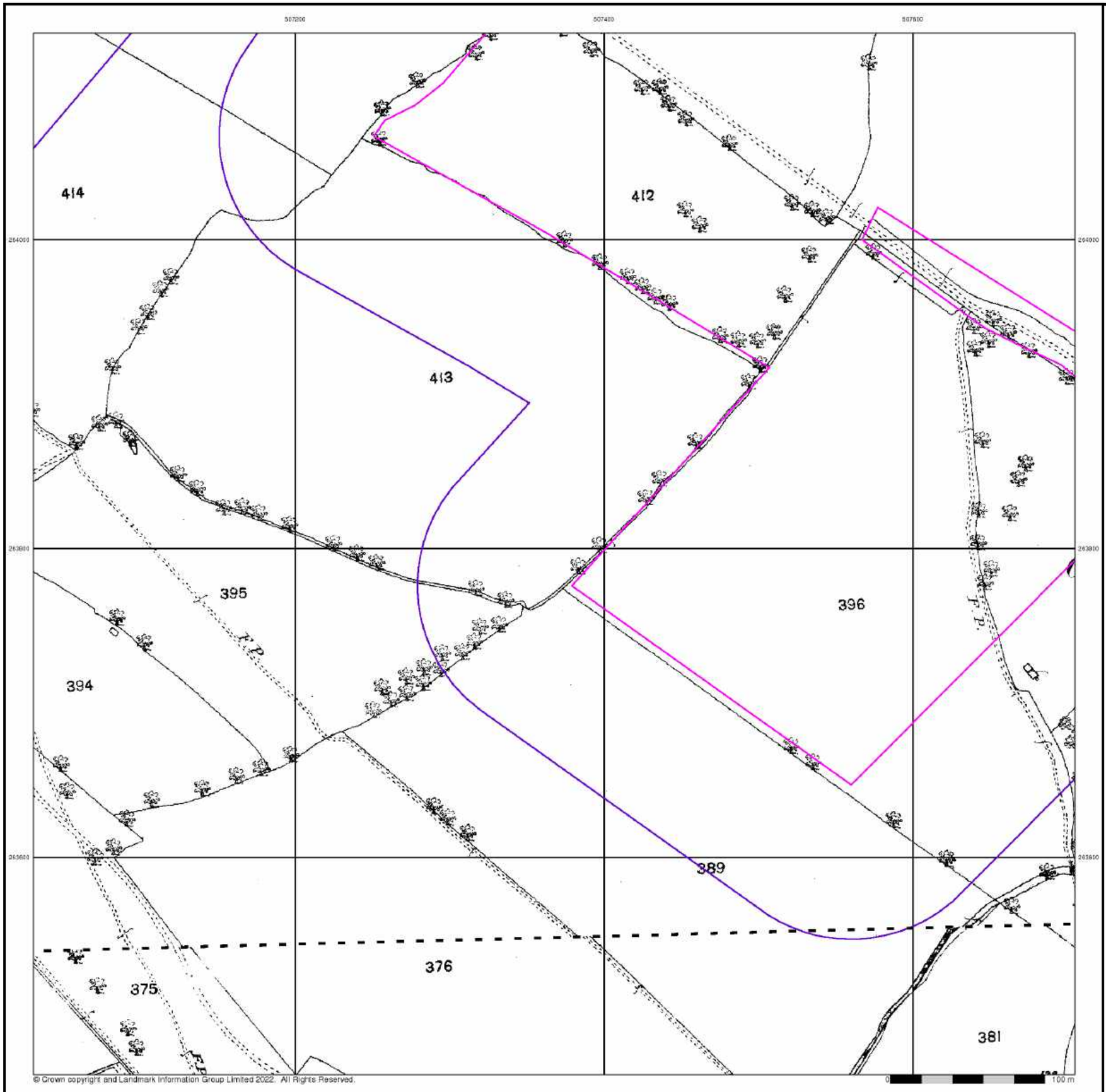
Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

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



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Bedfordshire

Published 1884

Source map scale - 1:2,500

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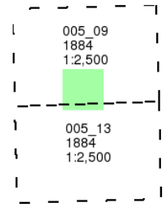
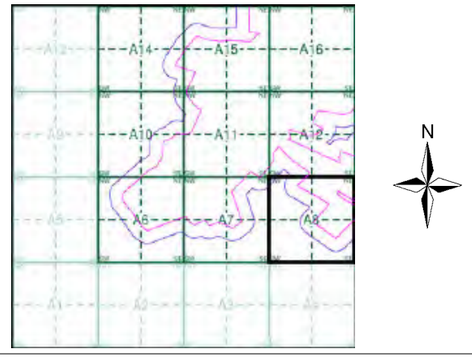
Map Name(s) and Date(s)



Historical Map - Segment A8



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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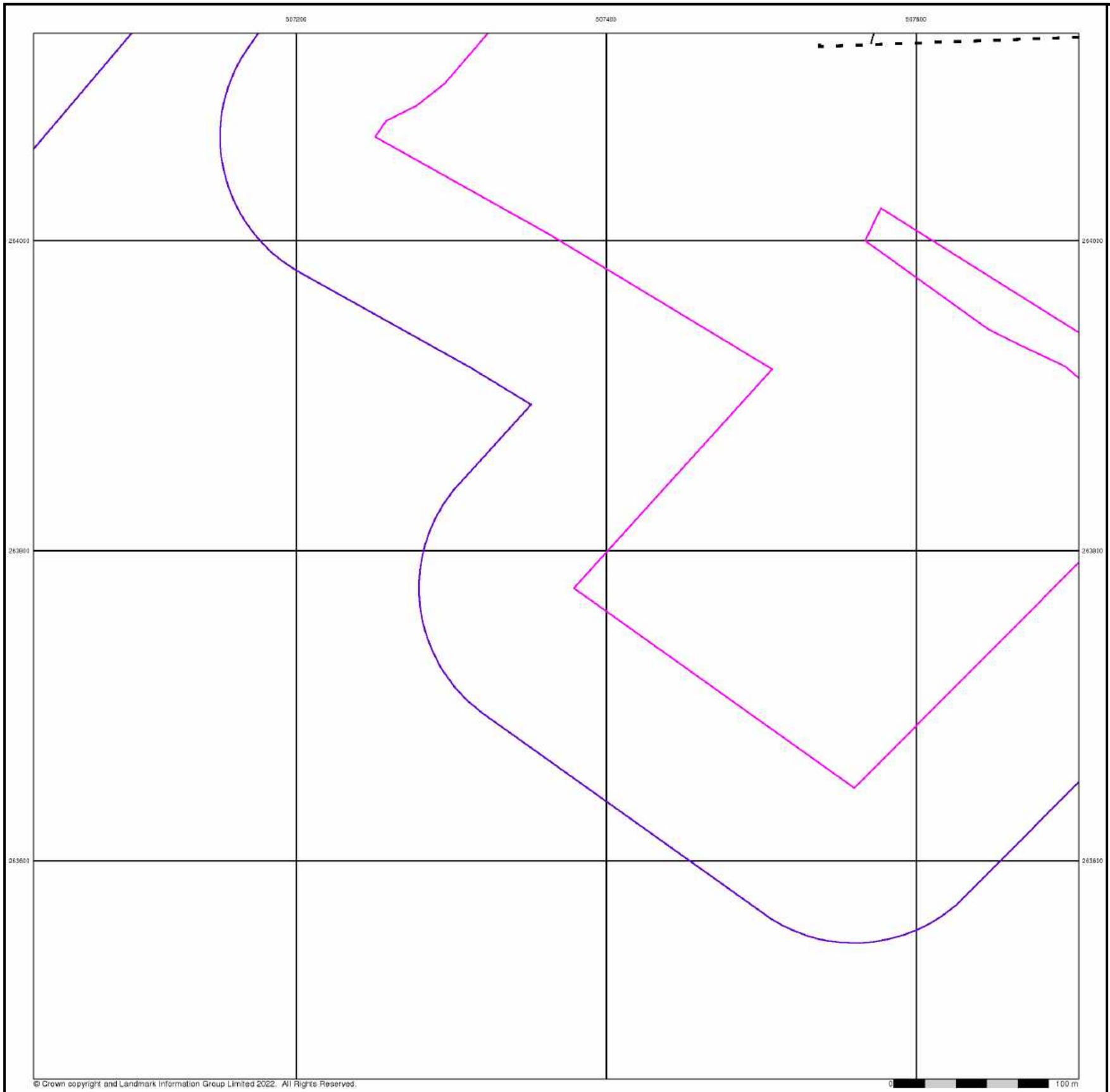

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Huntingdonshire

Published 1887

Source map scale - 1:2,500

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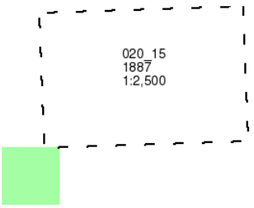
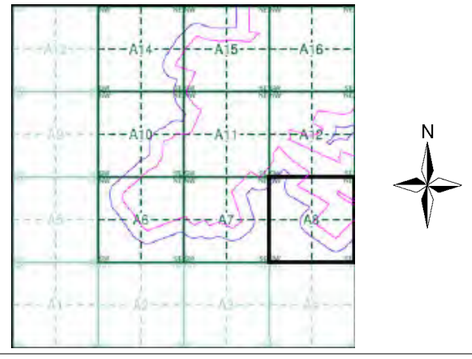


Historical Map - Segment A8



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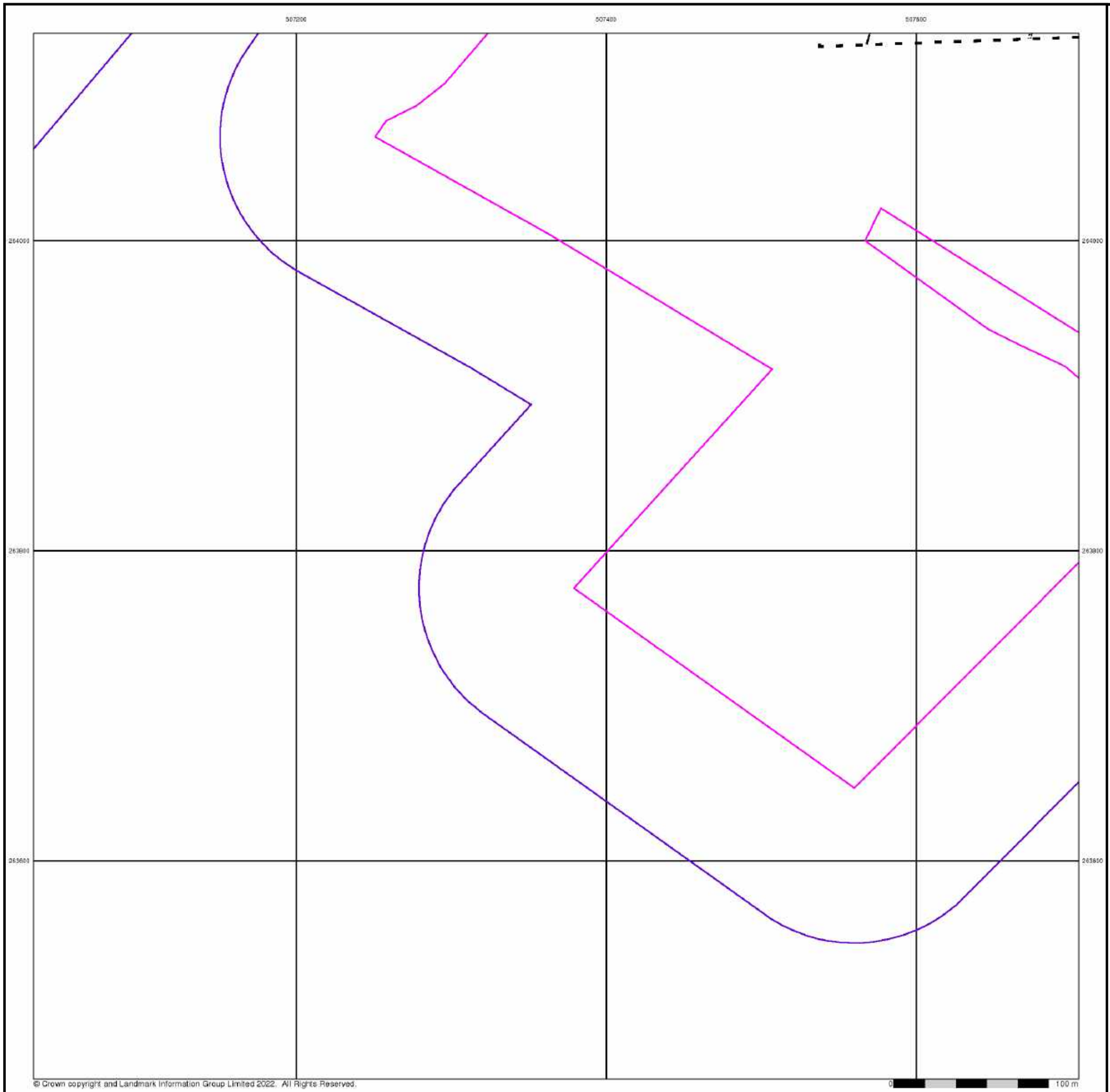

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Huntingdonshire

Published 1901

Source map scale - 1:2,500

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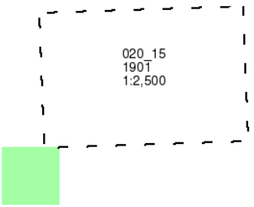
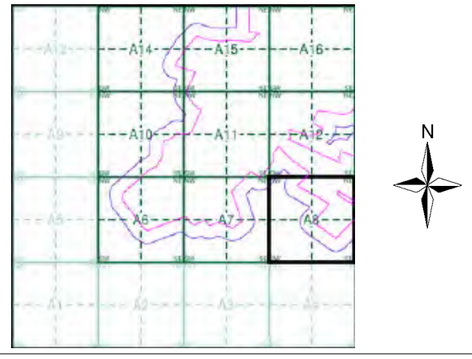


Historical Map - Segment A8



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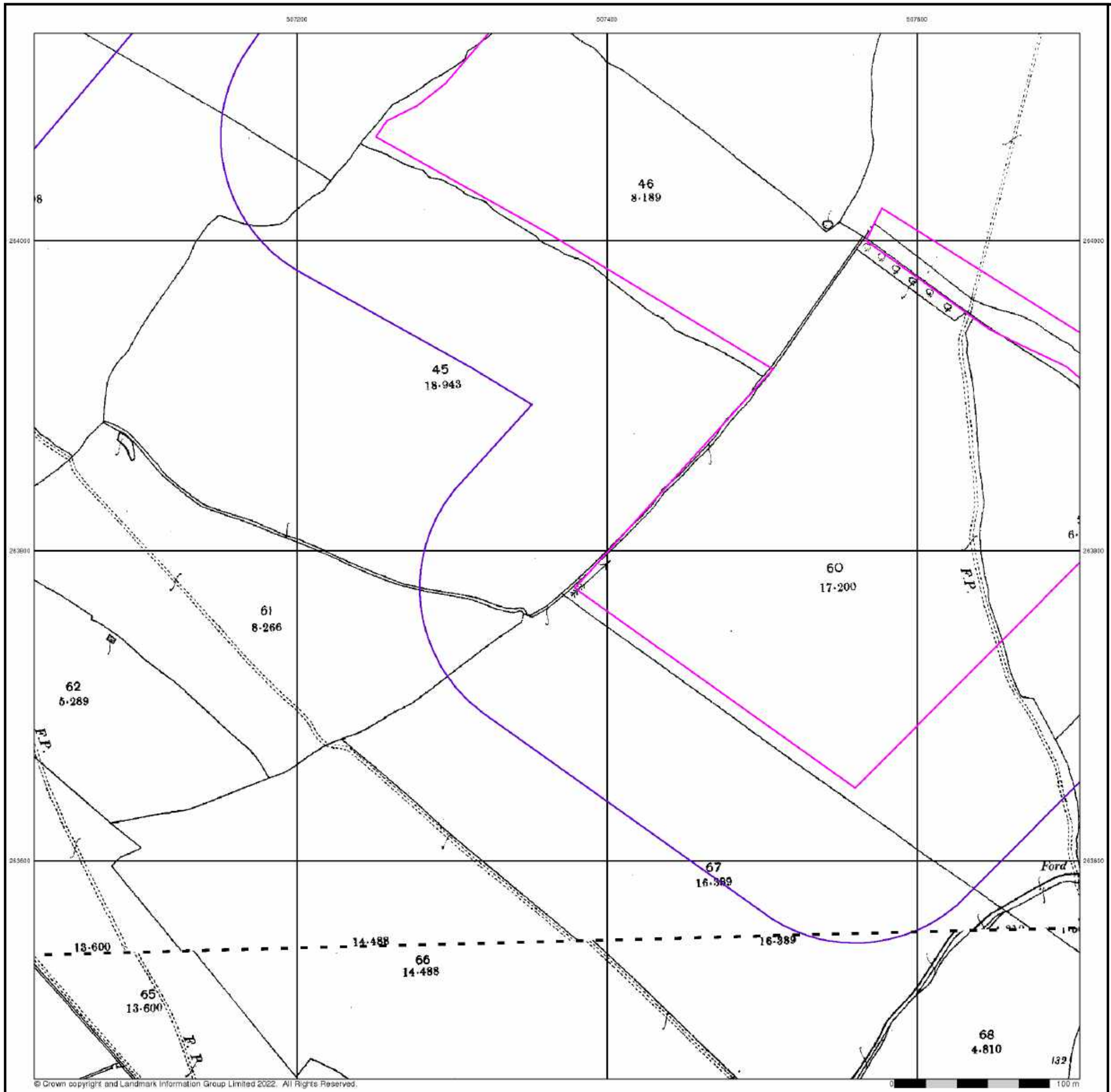

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Bedfordshire

Published 1901

Source map scale - 1:2,500

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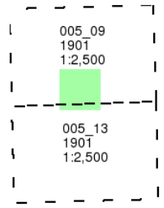
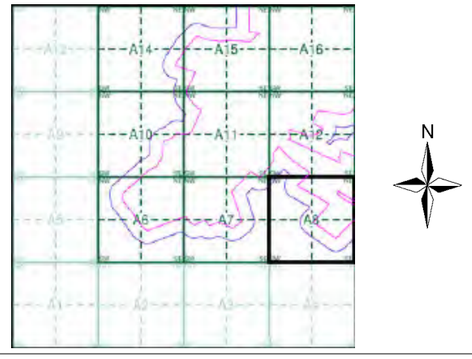


Historical Map - Segment A8



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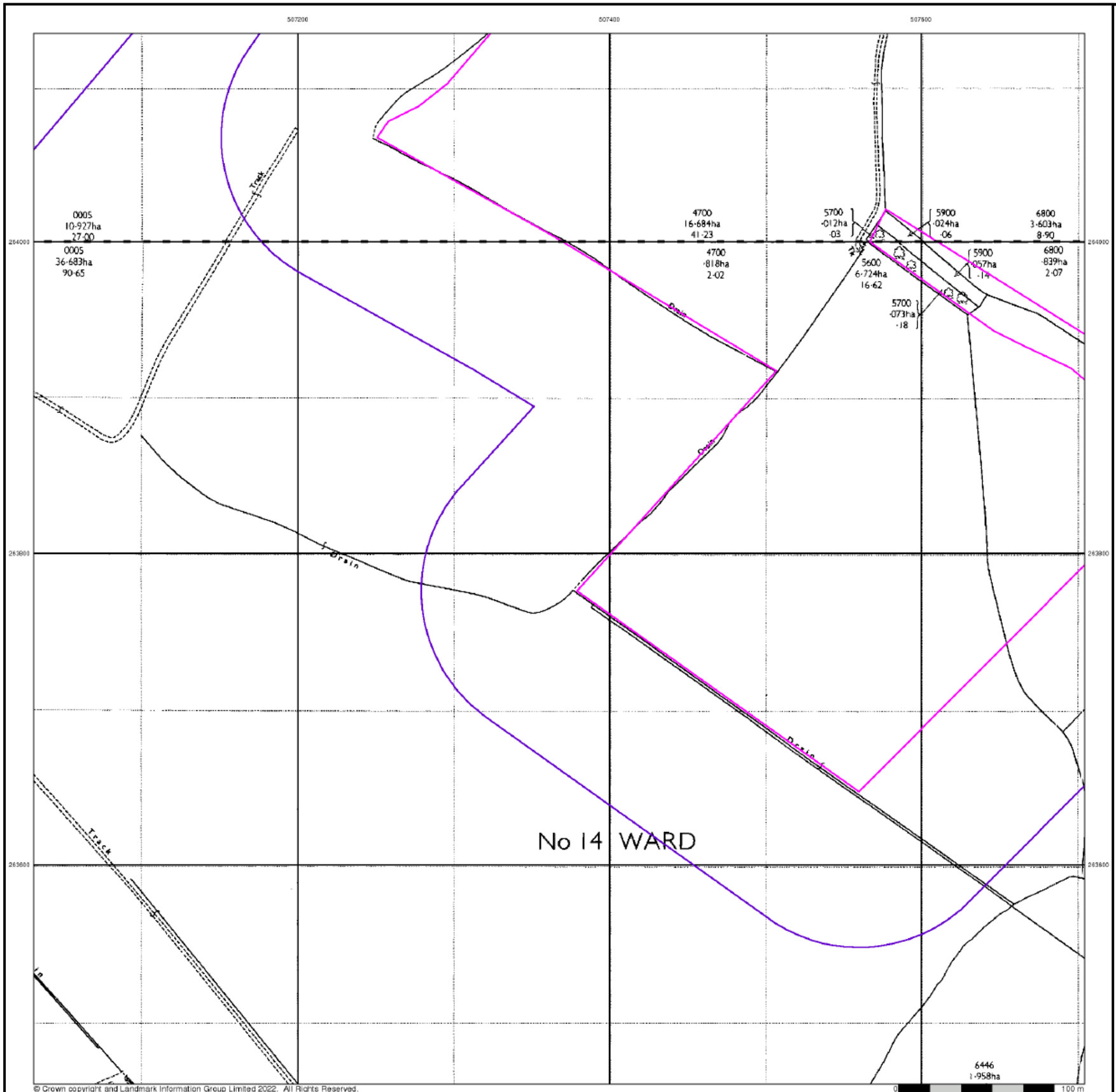

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Ordnance Survey Plan

Published 1979

Source map scale - 1:2,500

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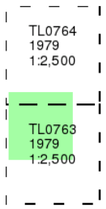
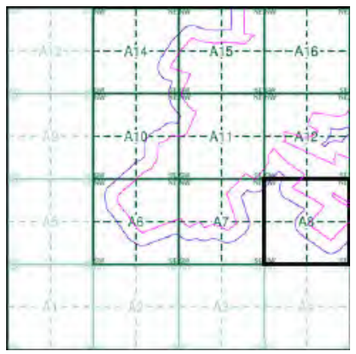


Historical Map - Segment A8



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Site Details

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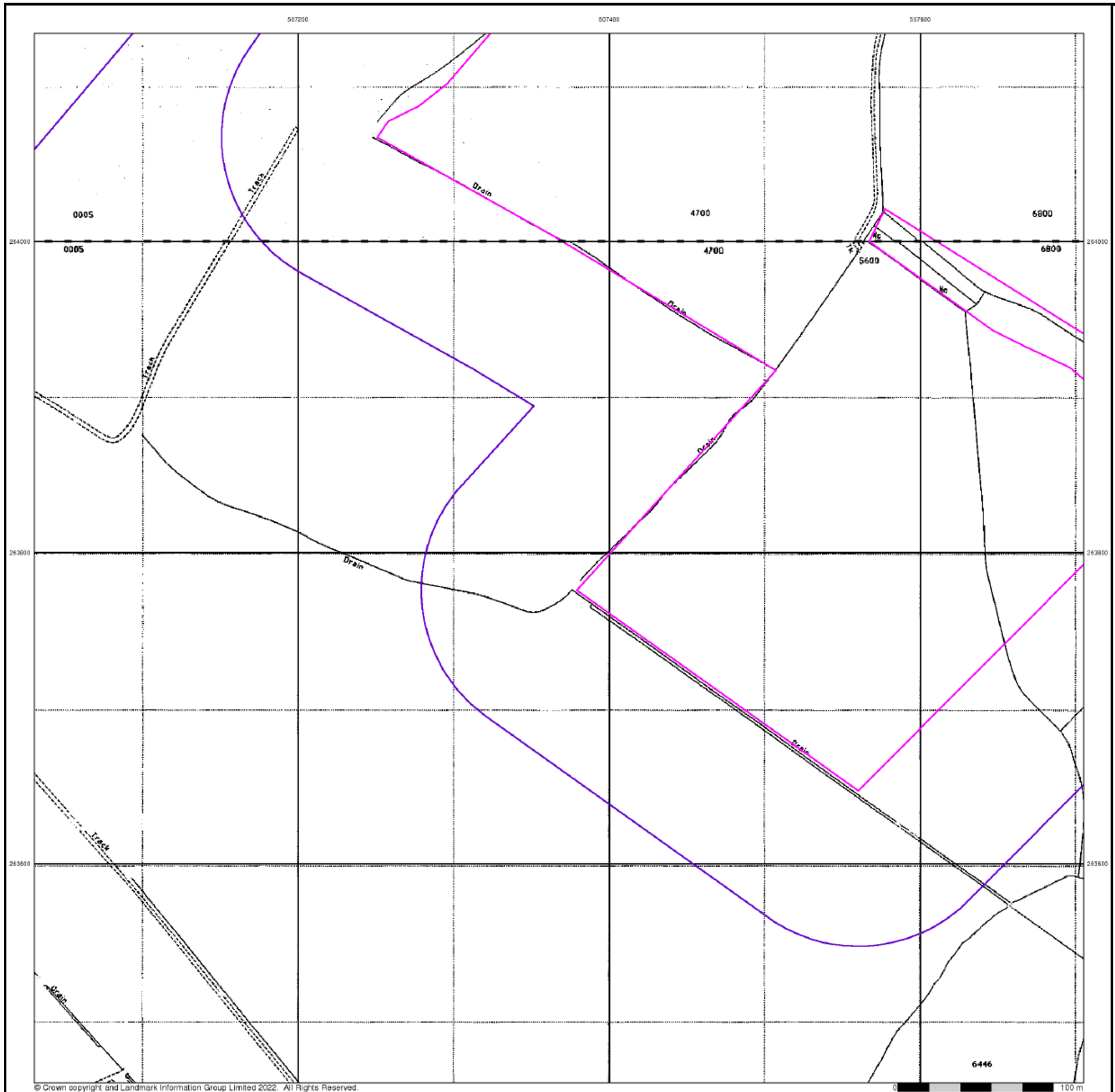

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Large-Scale National Grid Data

Published 1993

Source map scale - 1:2,500

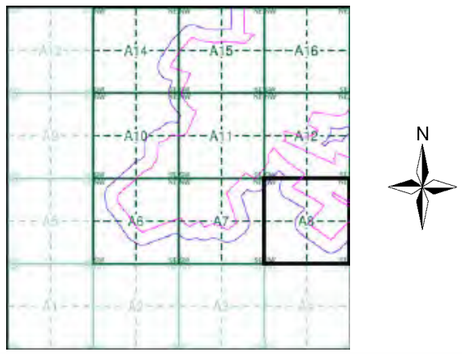
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

TL0764
1993
1:2,500

TL0763
1993
1:2,500

Historical Map - Segment A8



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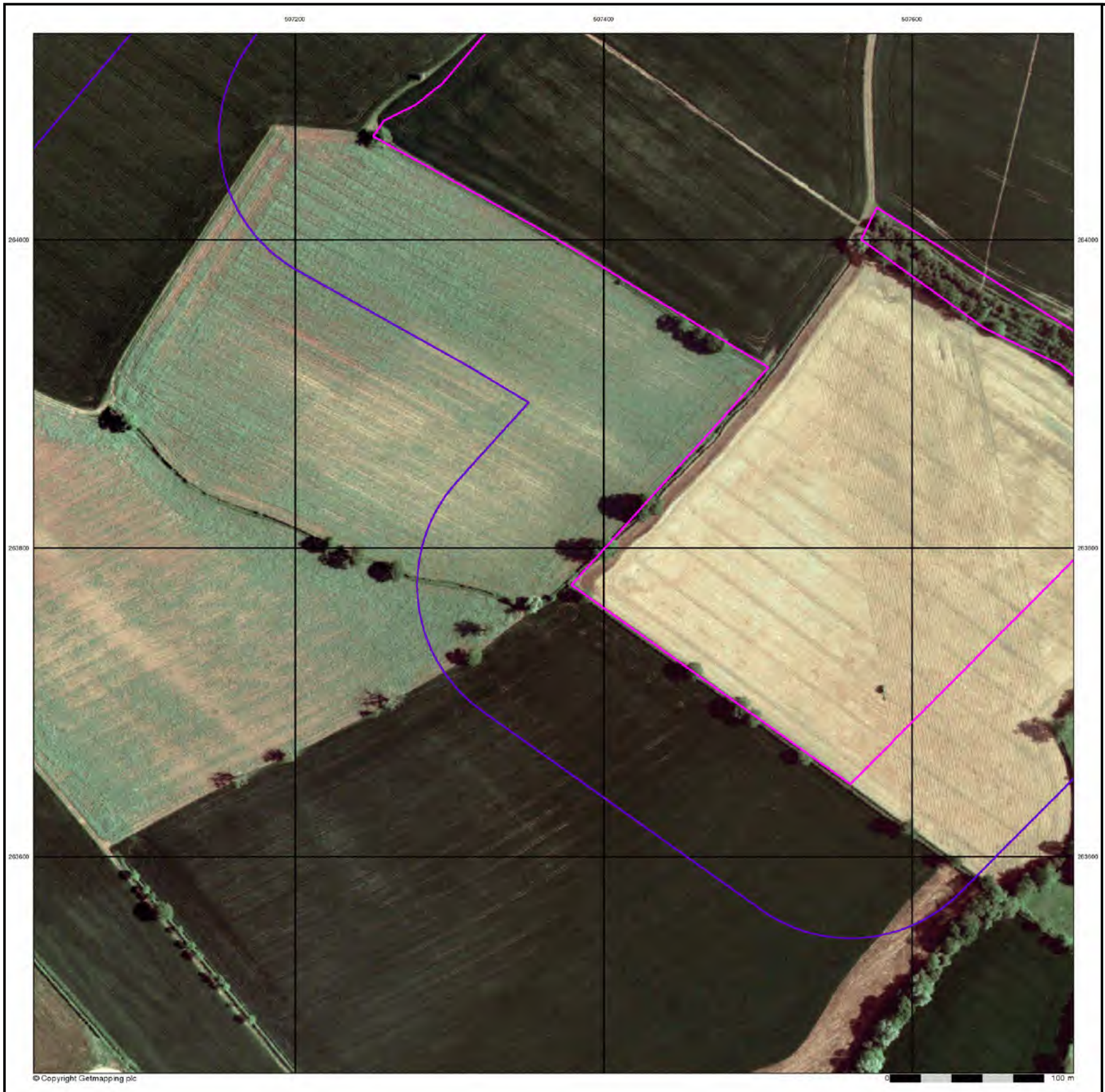

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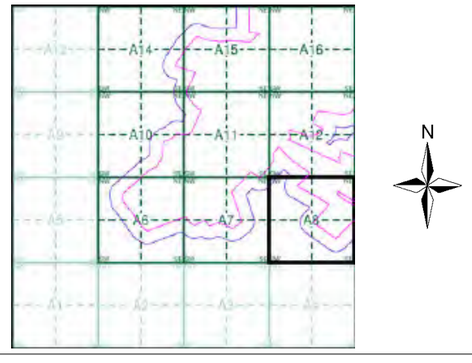
Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A8



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Site Details

Area A

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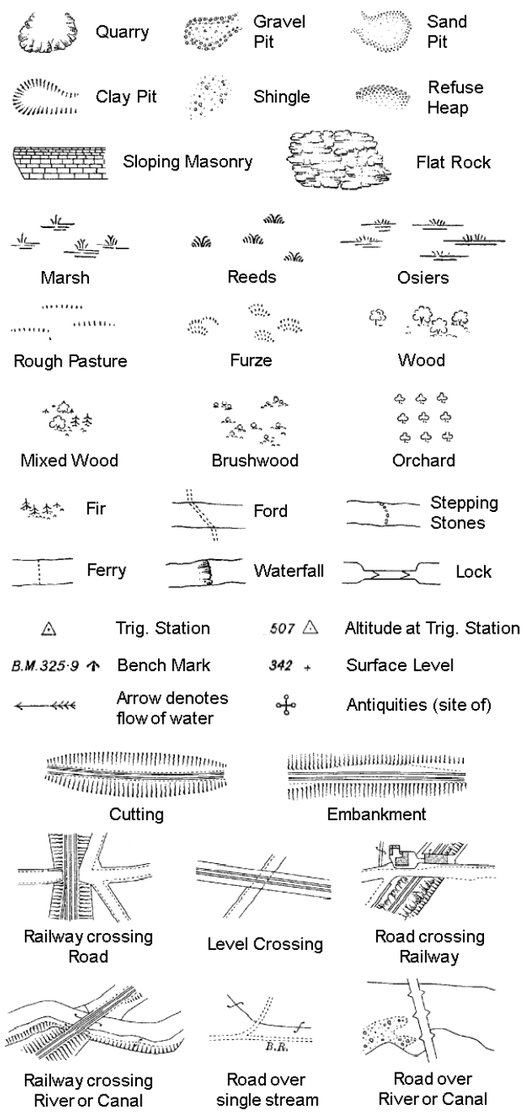
Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

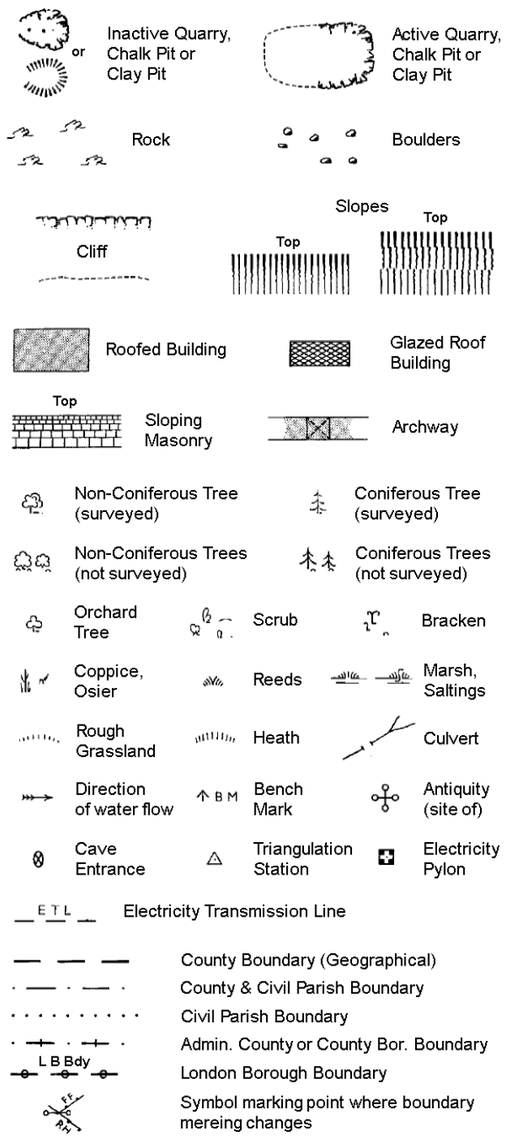
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

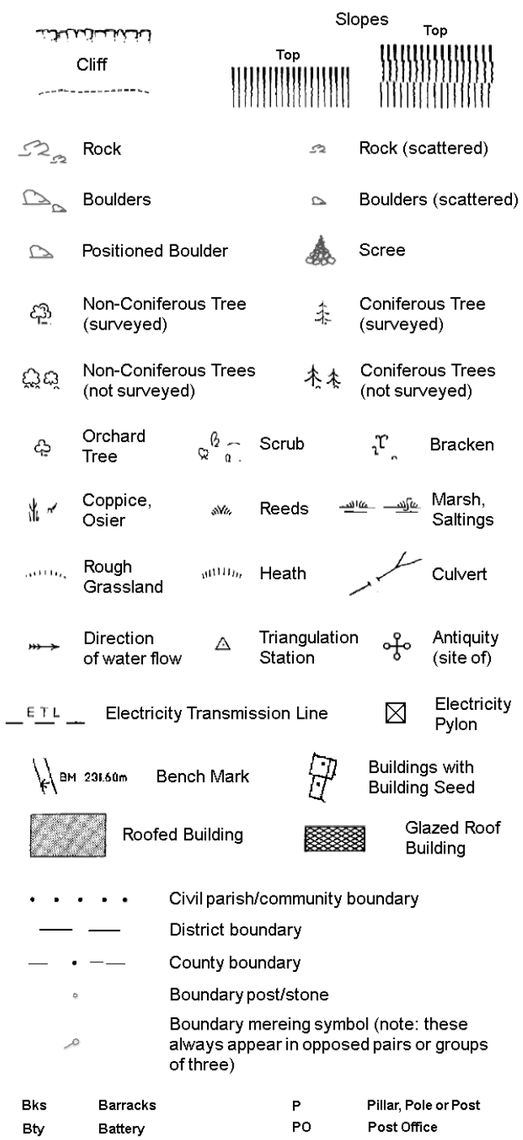
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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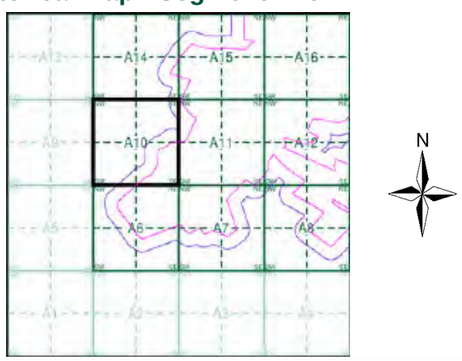
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:2,500	1884	2
Bedfordshire	1:2,500	1901	3
Ordnance Survey Plan	1:2,500	1979	4
Large-Scale National Grid Data	1:2,500	1993	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A10



Order Details

Order Number: 299346790_1_1
Customer Ref: R3035
National Grid Reference: 506670, 264320
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Site Area (Ha): 255.74
Search Buffer (m): 100

Site Details

Area A

Landmark INFORMATION GROUP

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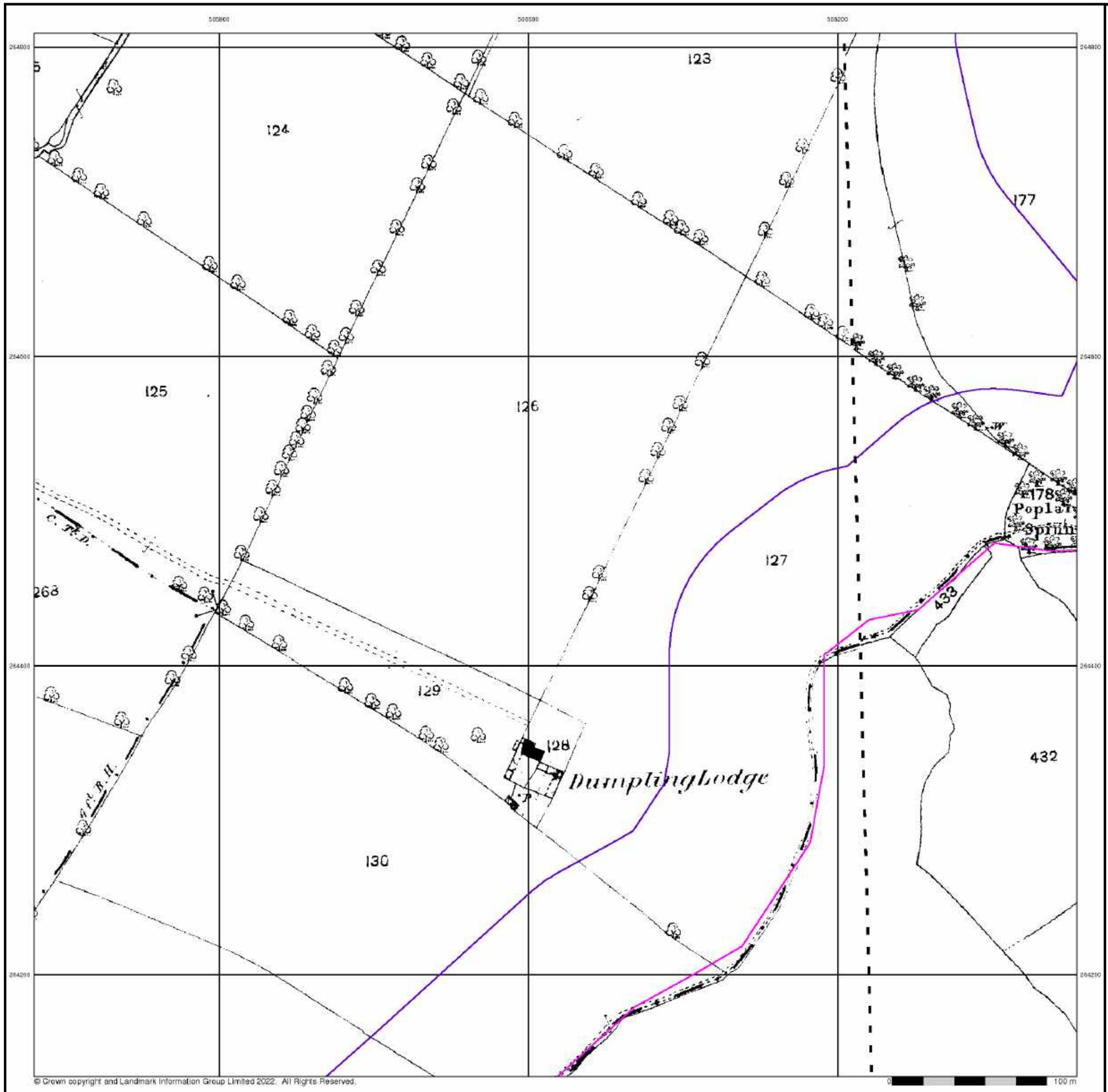

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Bedfordshire

Published 1884

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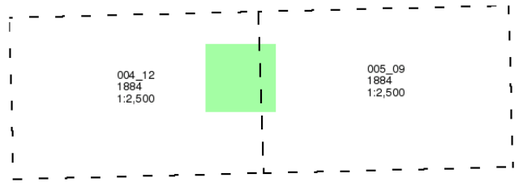
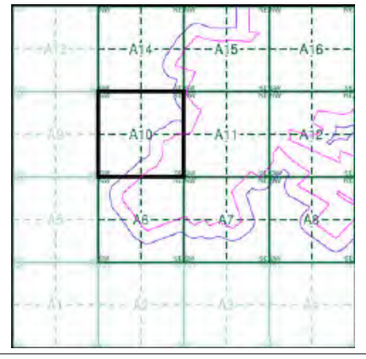


Historical Map - Segment A10



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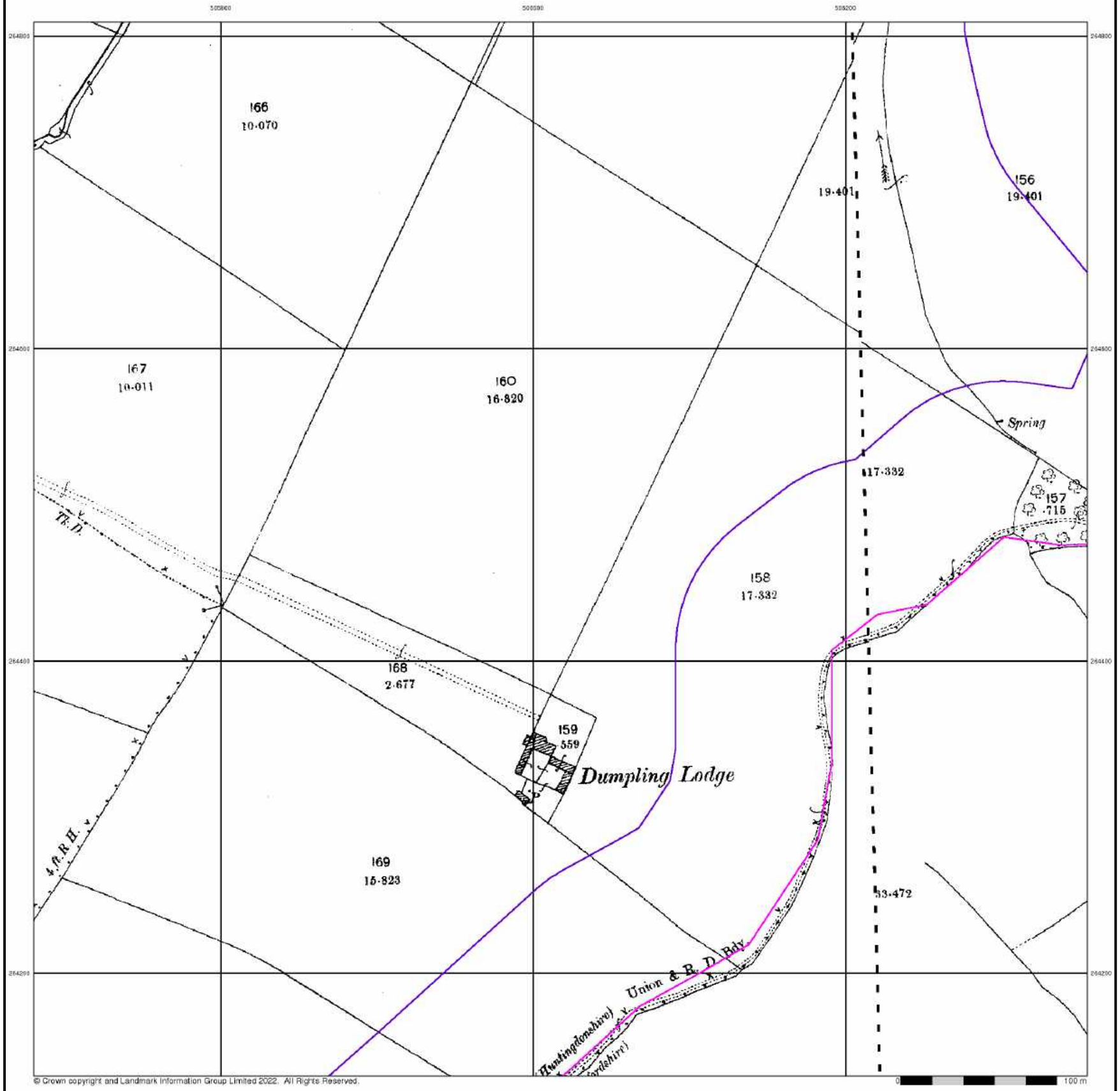

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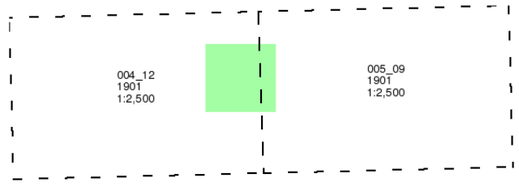

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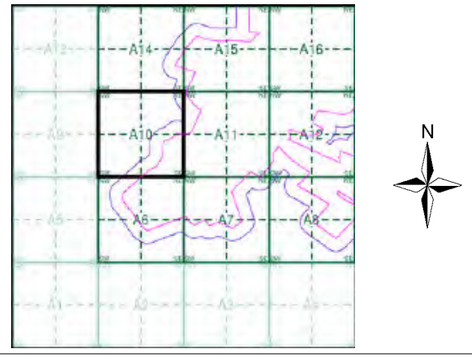

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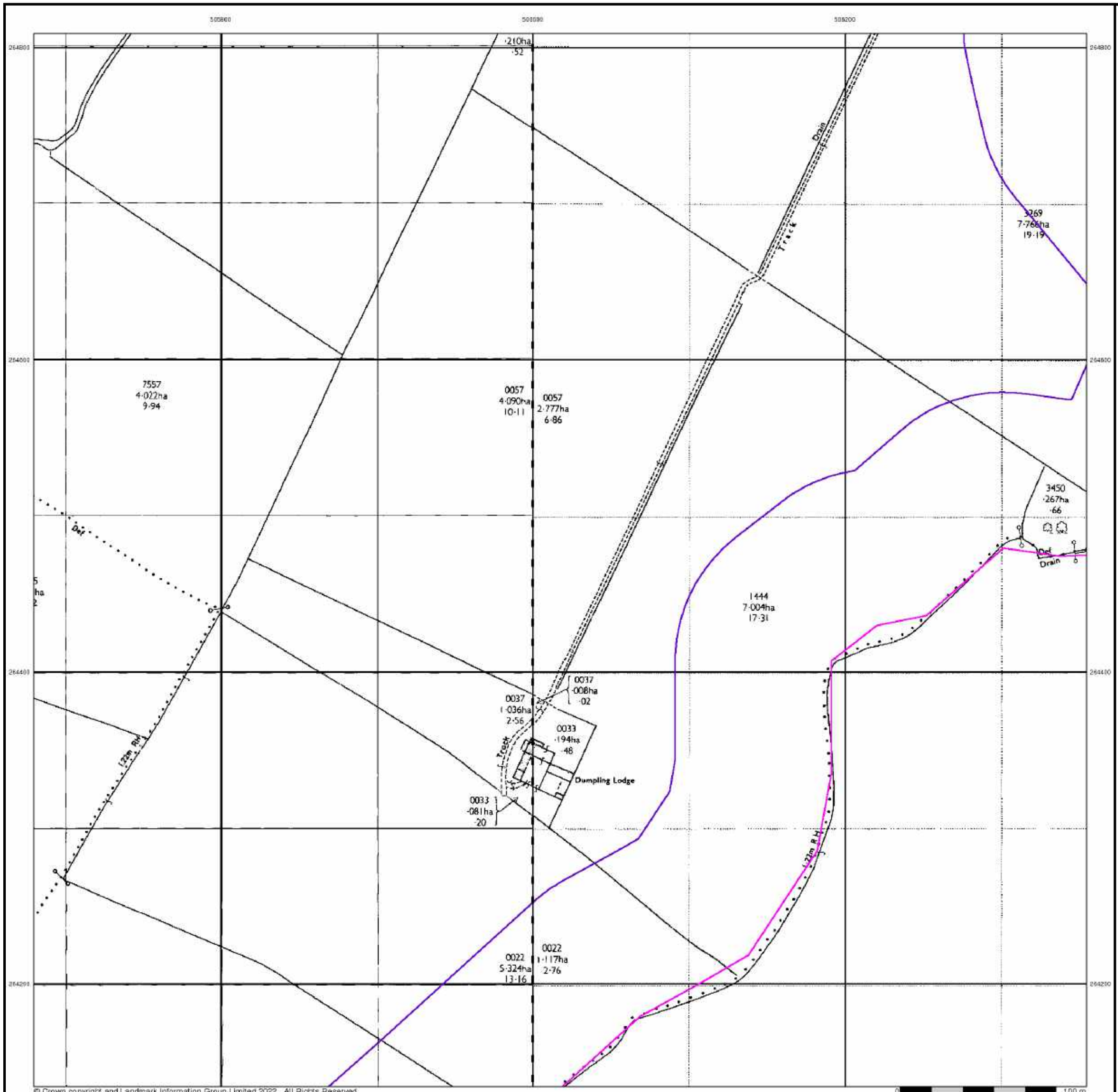

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Ordnance Survey Plan

Published 1979

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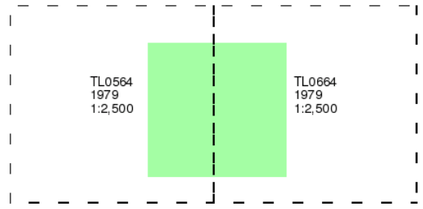
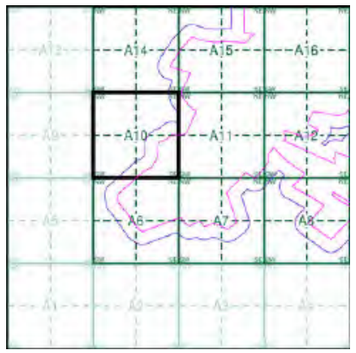


Historical Map - Segment A10



Order Details

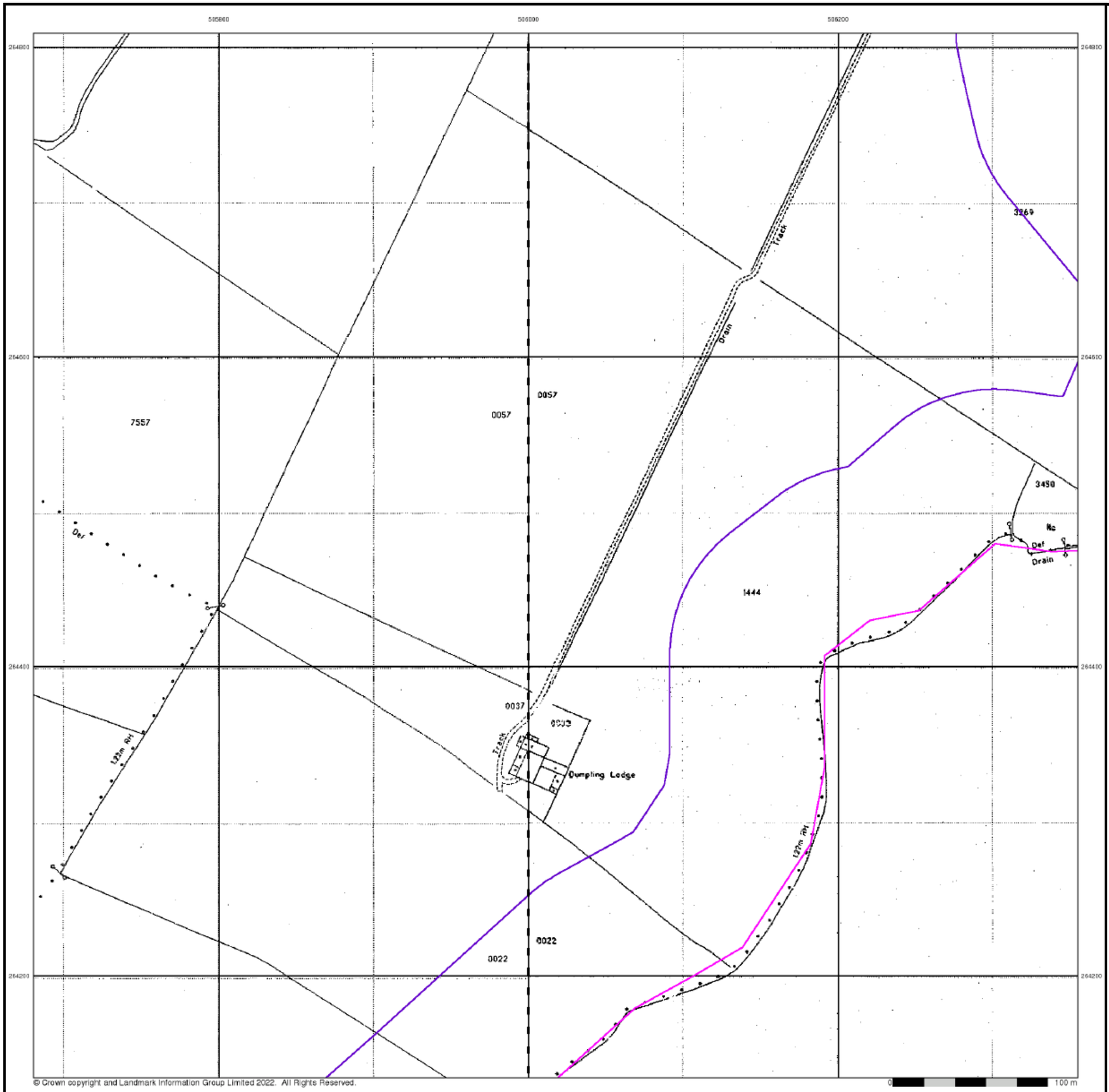
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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



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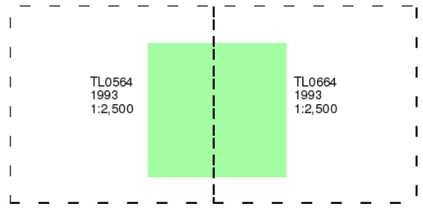
Large-Scale National Grid Data

Published 1993

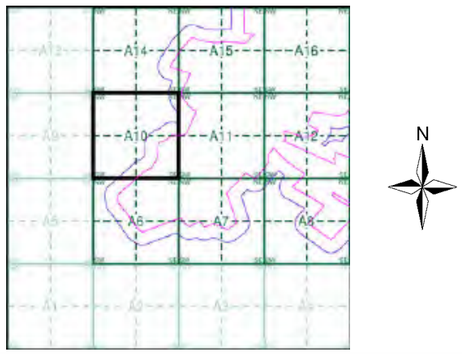
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



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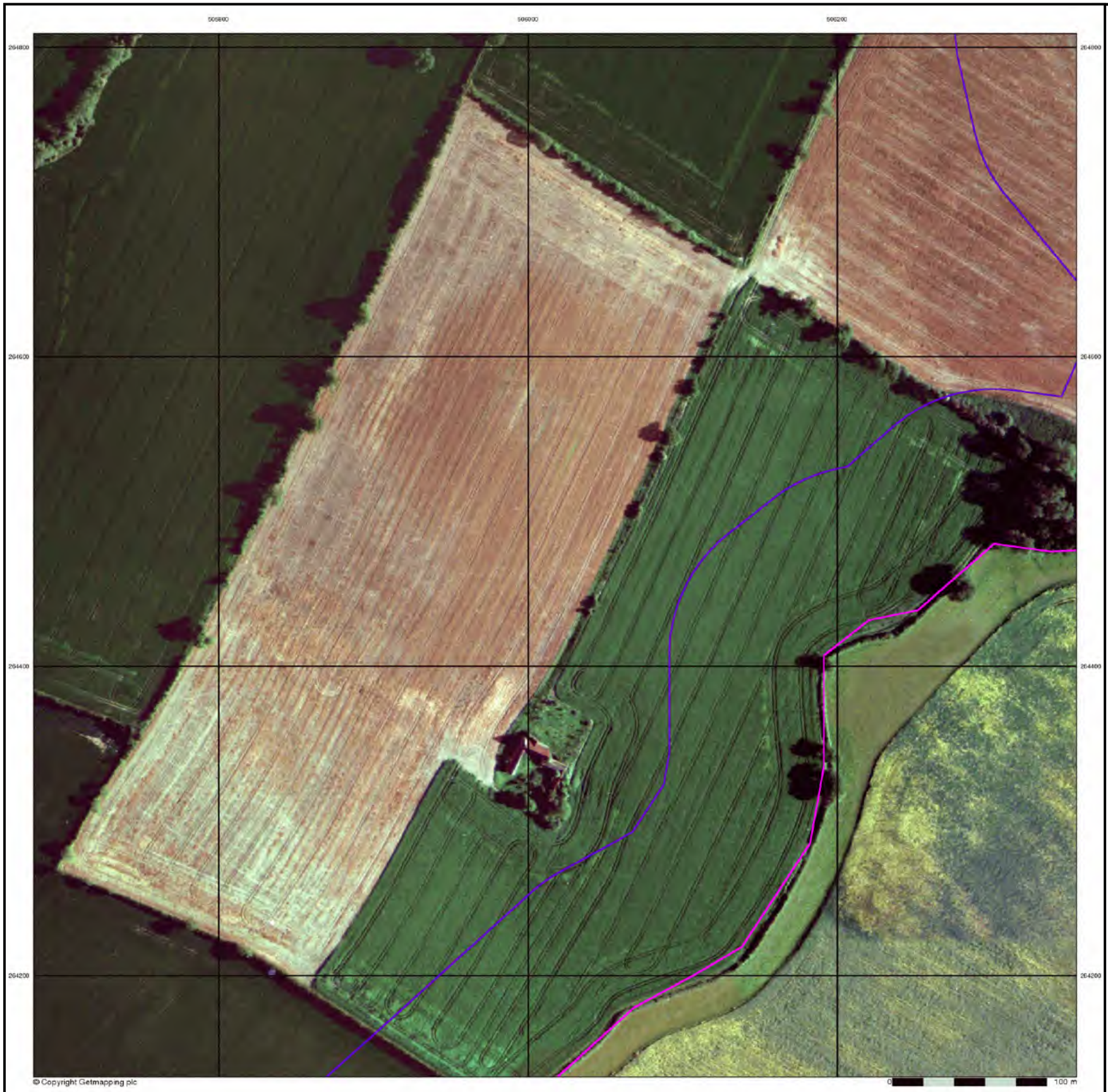

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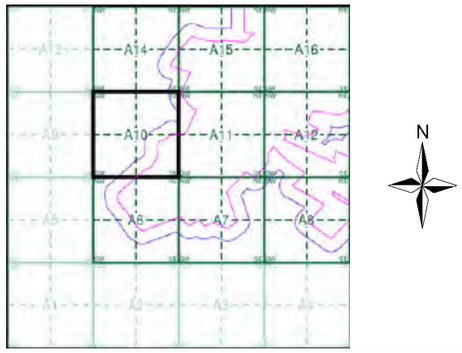
Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A10



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Site Details

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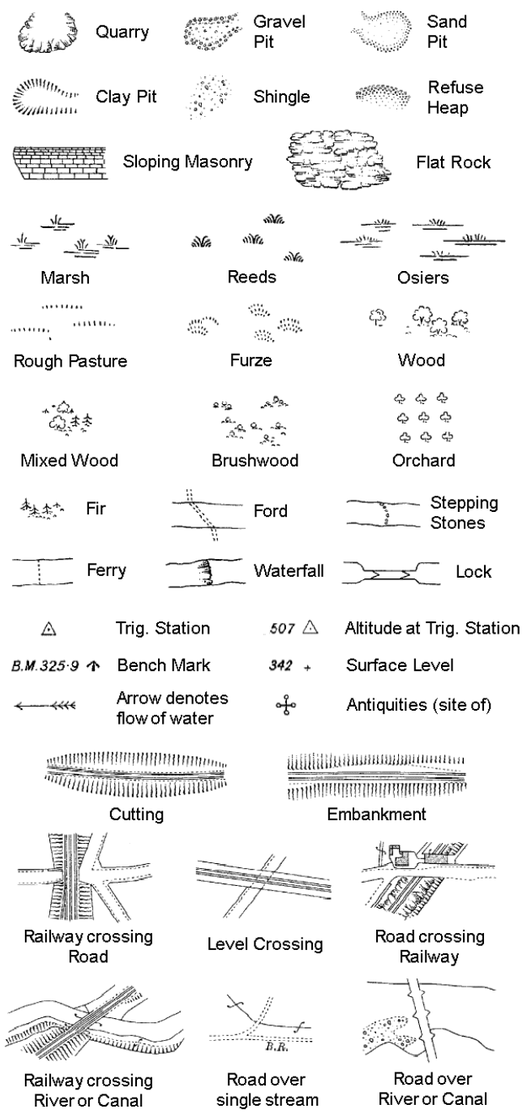
Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

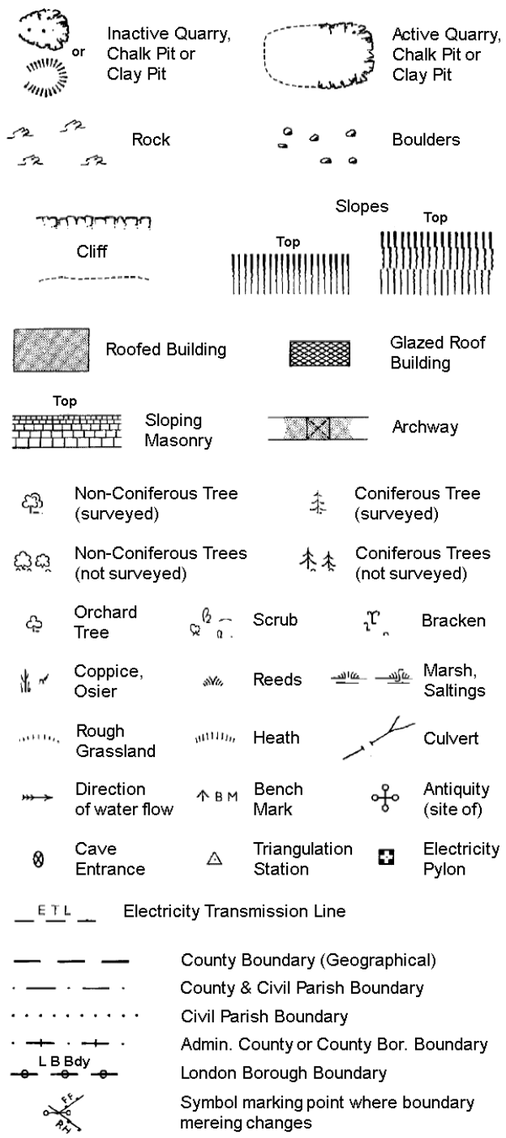
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

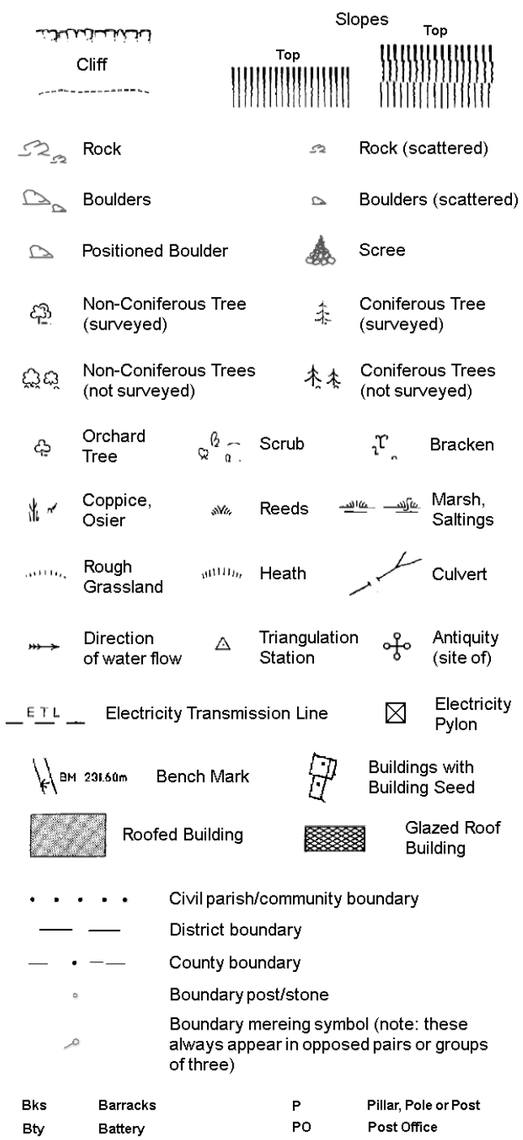
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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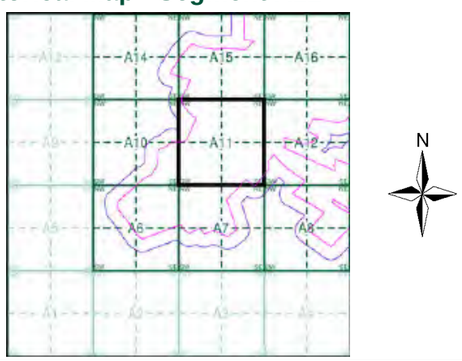
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:2,500	1884	2
Bedfordshire	1:2,500	1901	3
Ordnance Survey Plan	1:2,500	1979	4
Large-Scale National Grid Data	1:2,500	1993	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A11



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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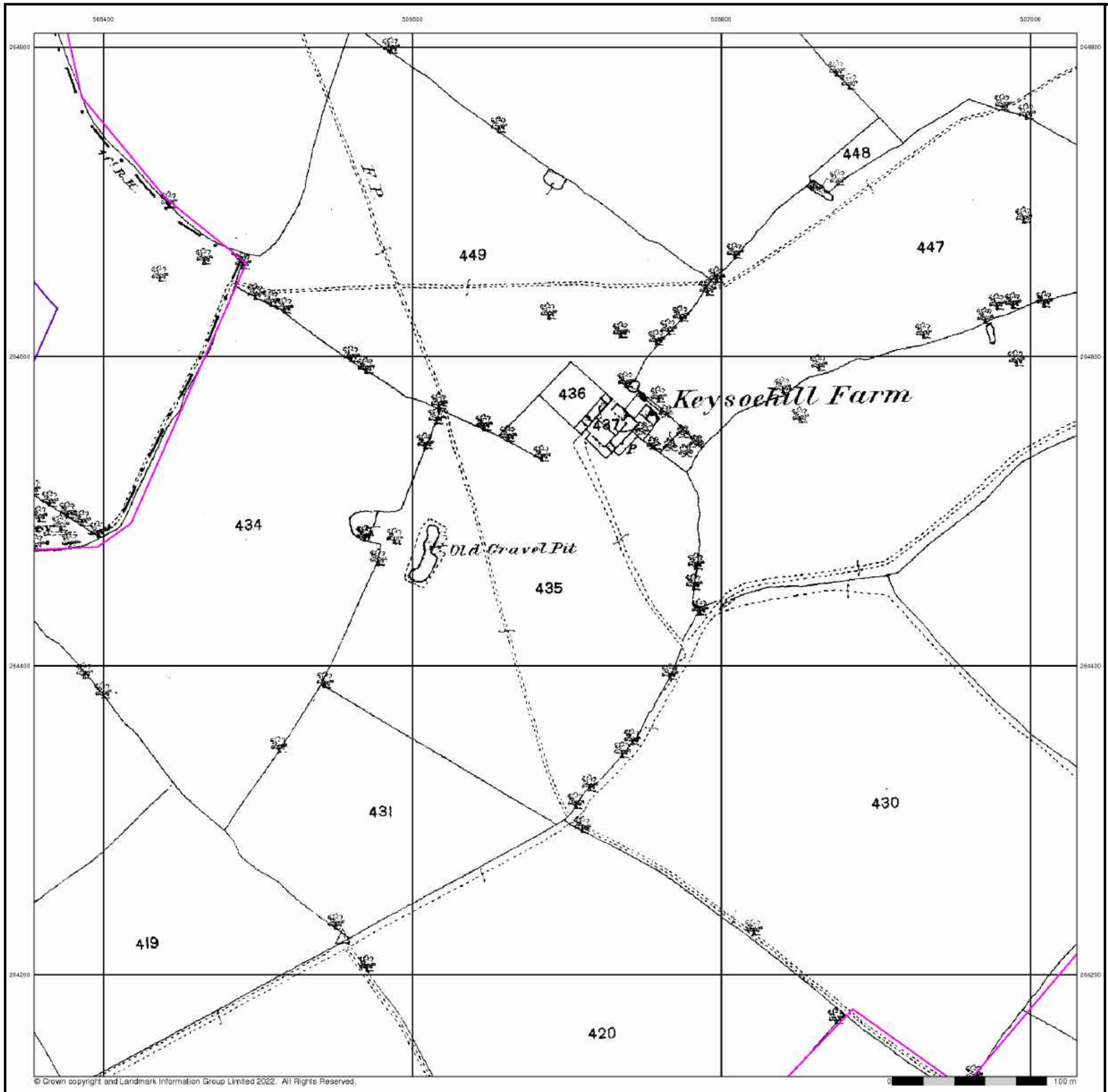

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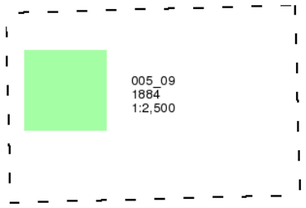
Bedfordshire

Published 1884

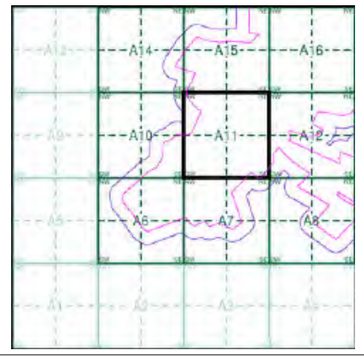
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

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Site Details

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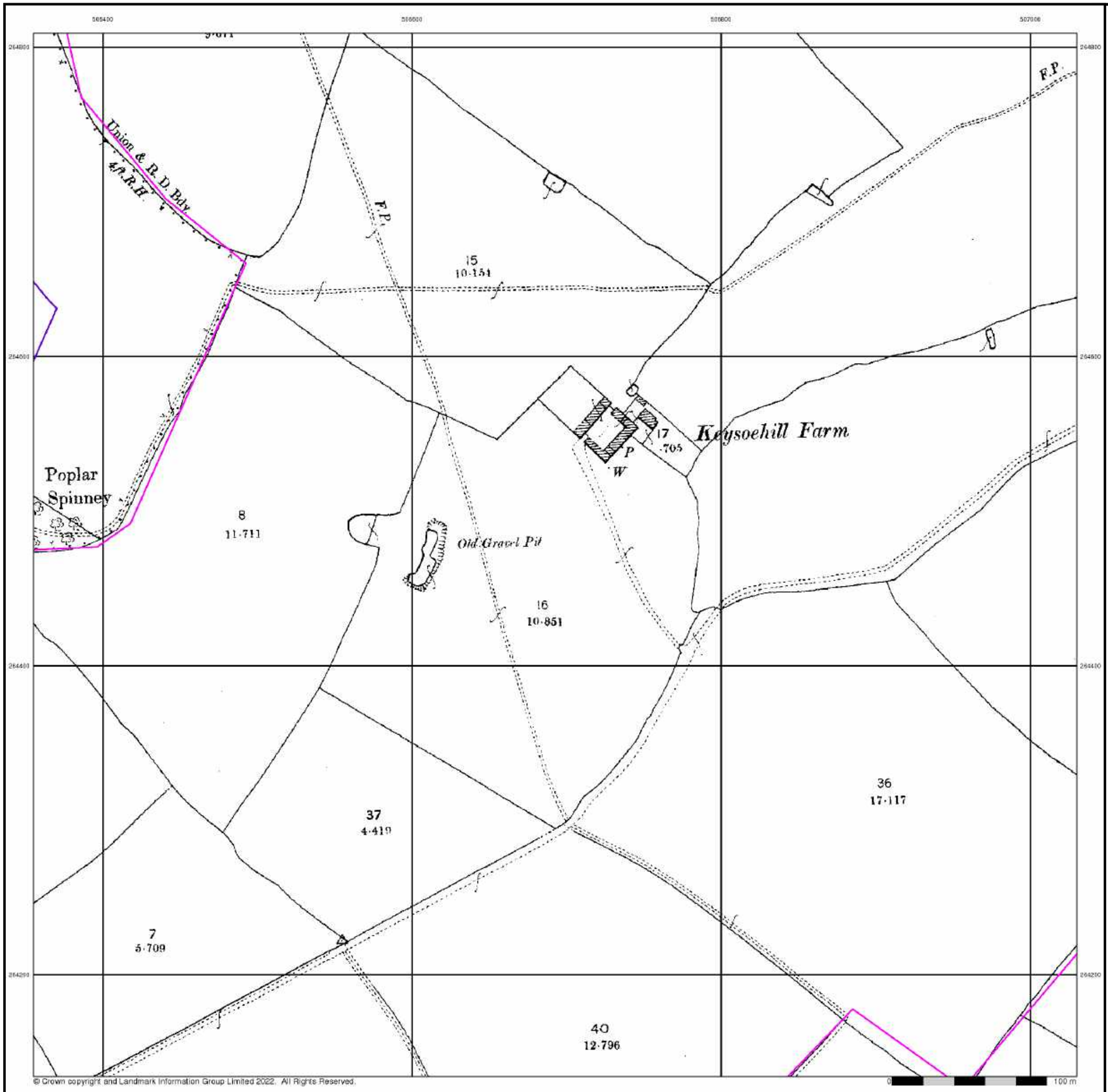

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LANDMARK INFORMATION GROUP®

Bedfordshire

Published 1901

Source map scale - 1:2,500

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

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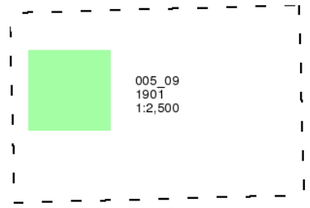
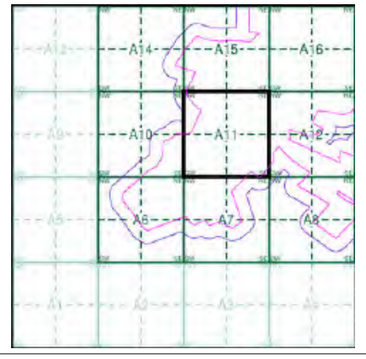


Historical Map - Segment A11



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

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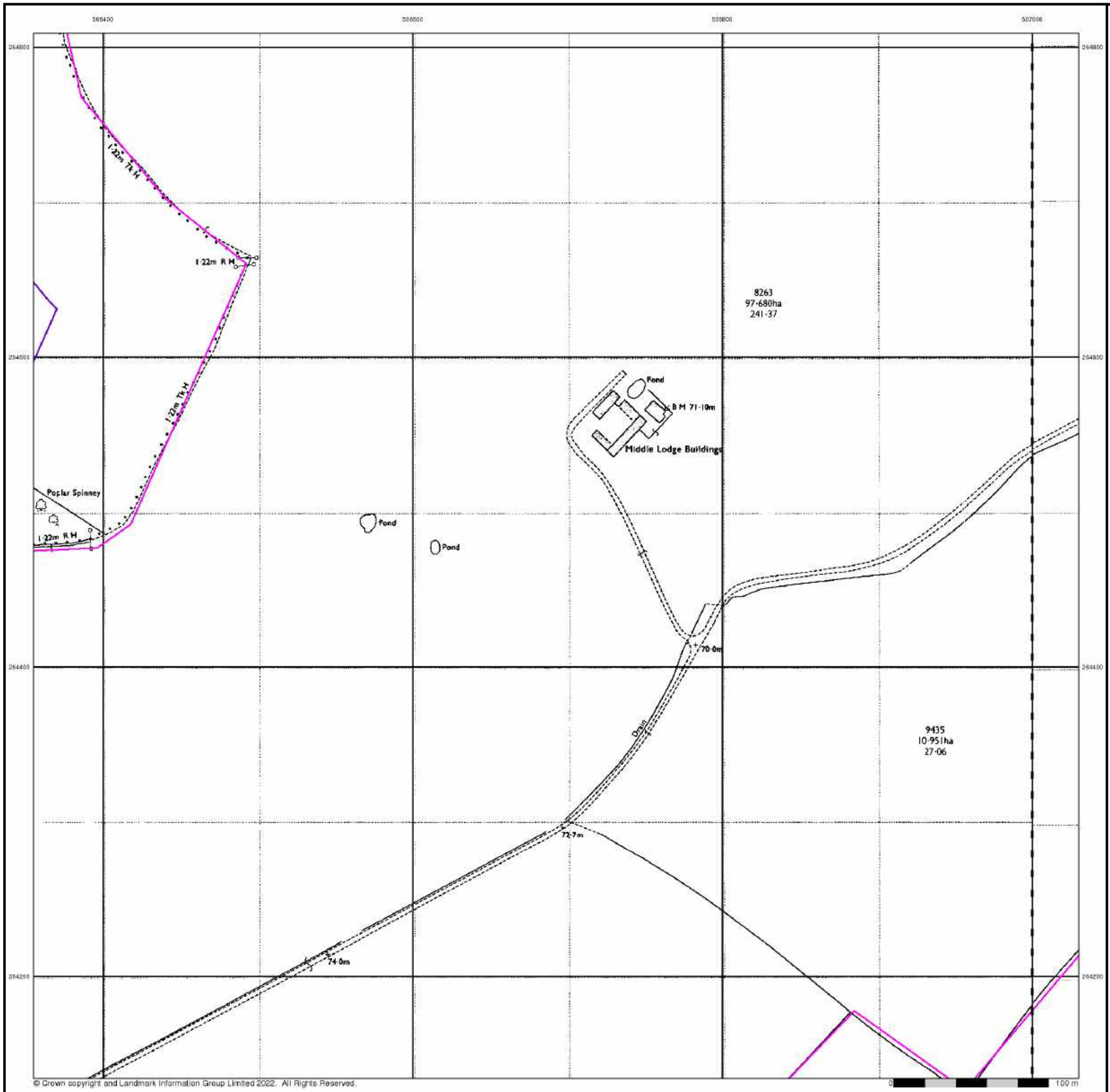

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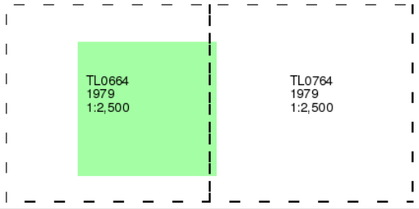
Ordnance Survey Plan

Published 1979

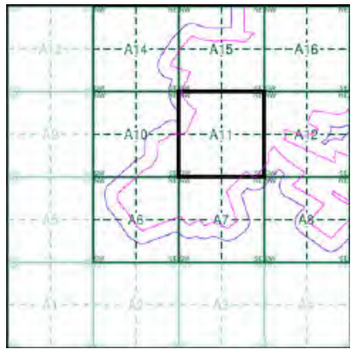
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



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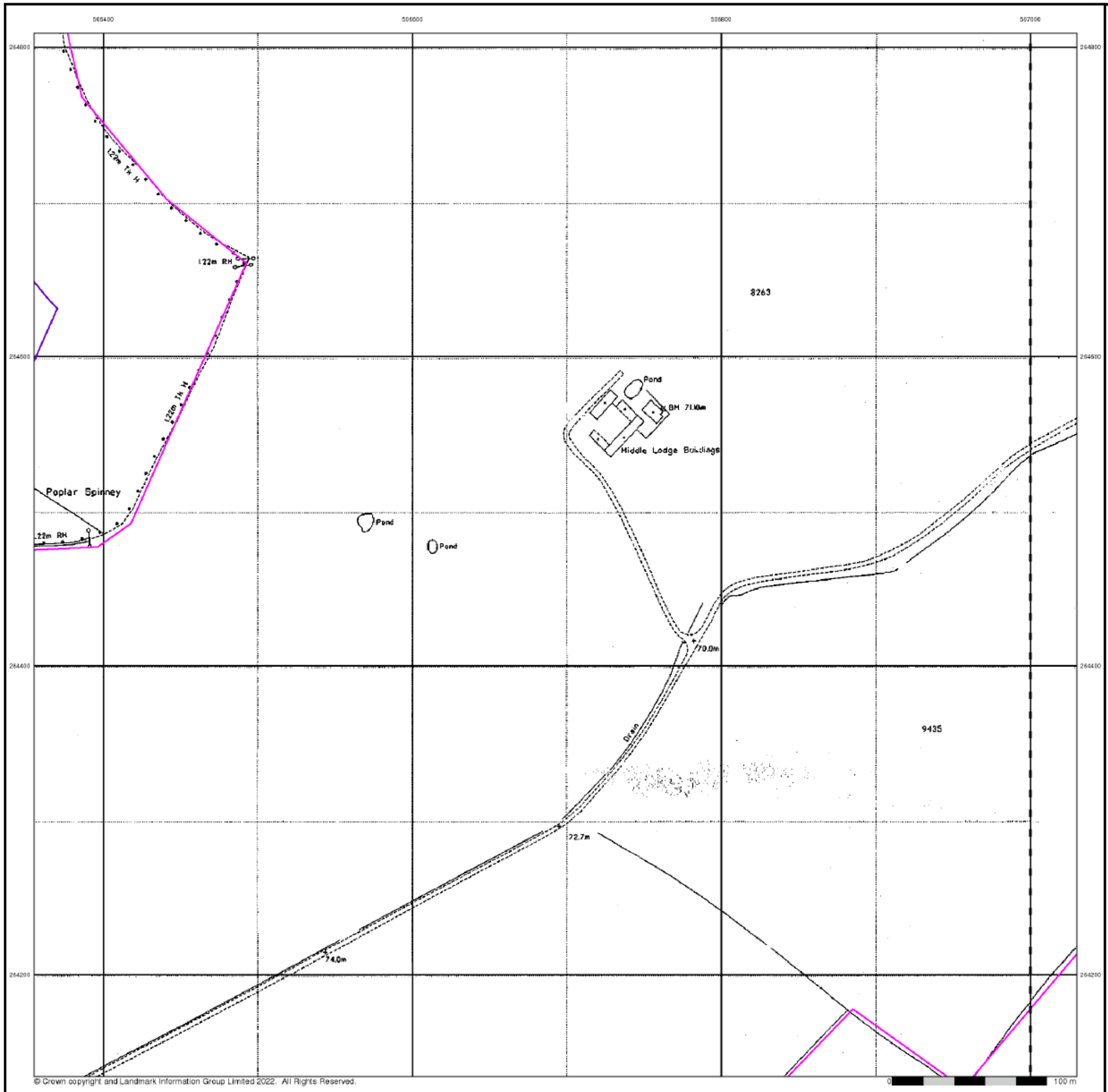

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Large-Scale National Grid Data

Published 1993

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.

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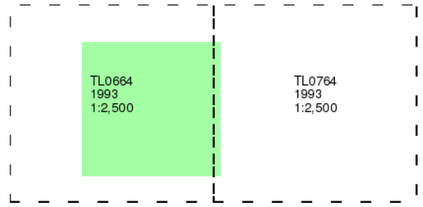
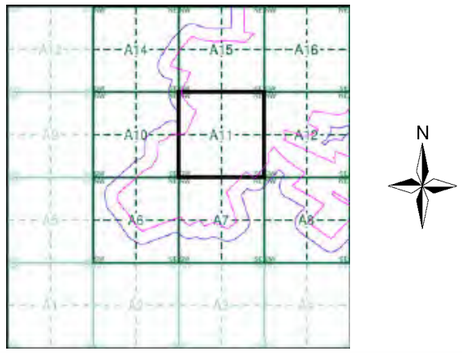


Historical Map - Segment A11



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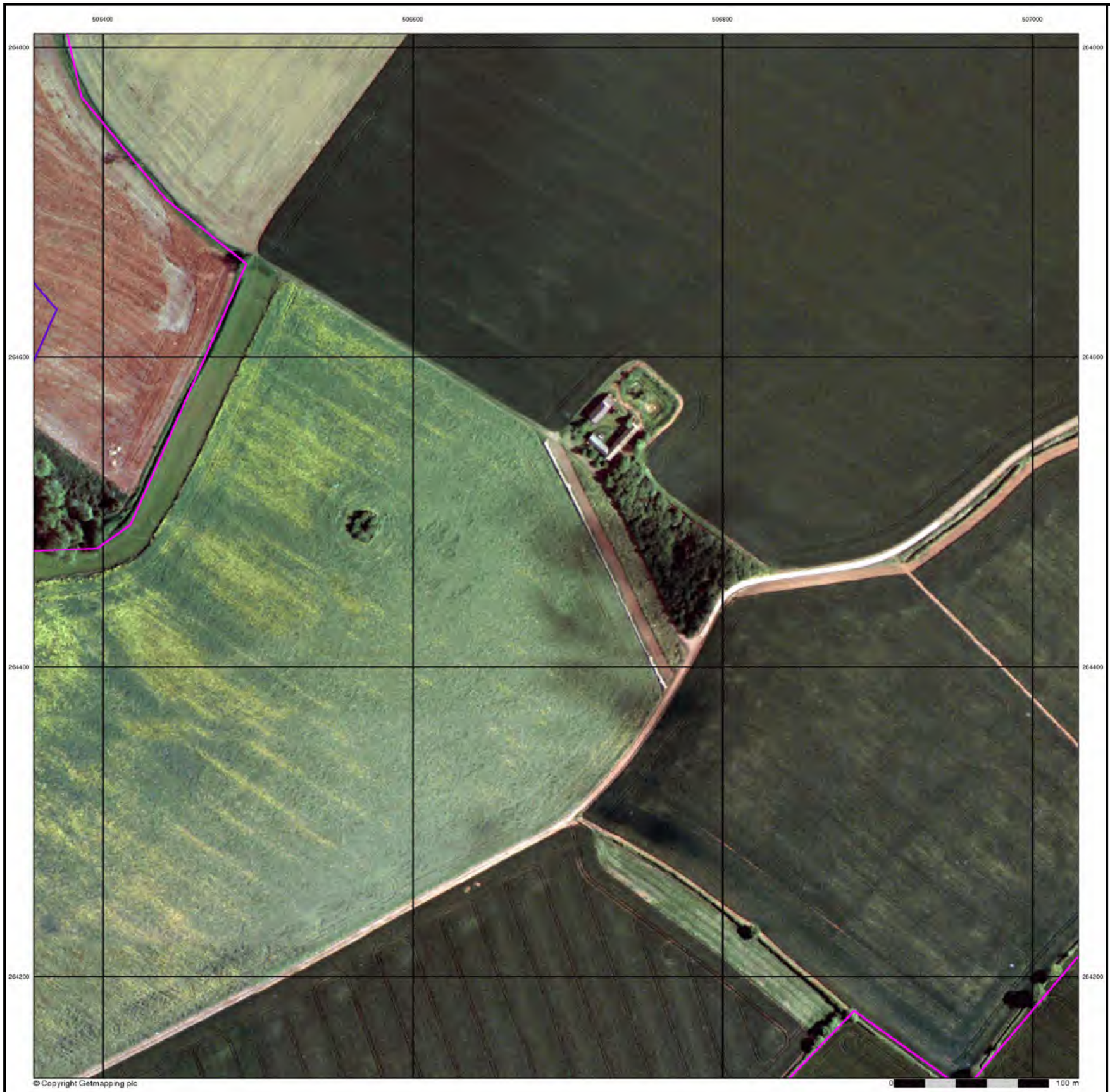

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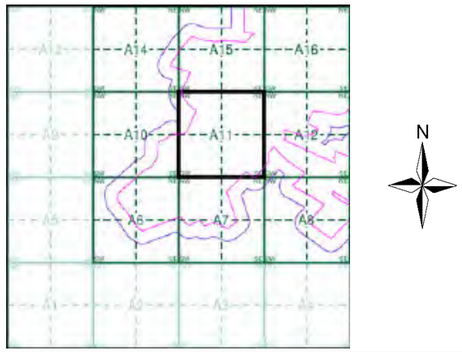
Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A11



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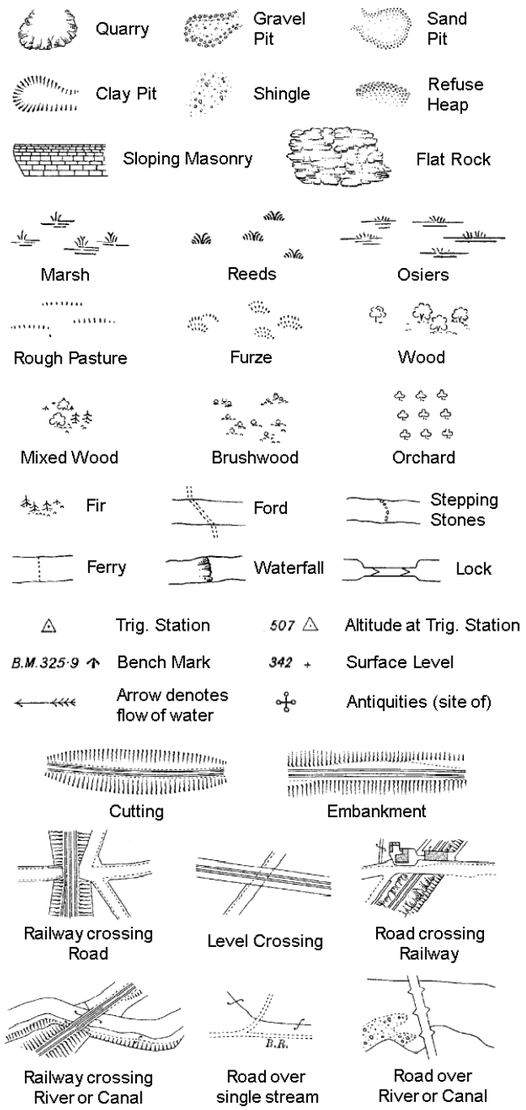
Historical Mapping Legends

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



County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy.
County Borough Boundary (England)
Co. Burgh Bdy.
County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
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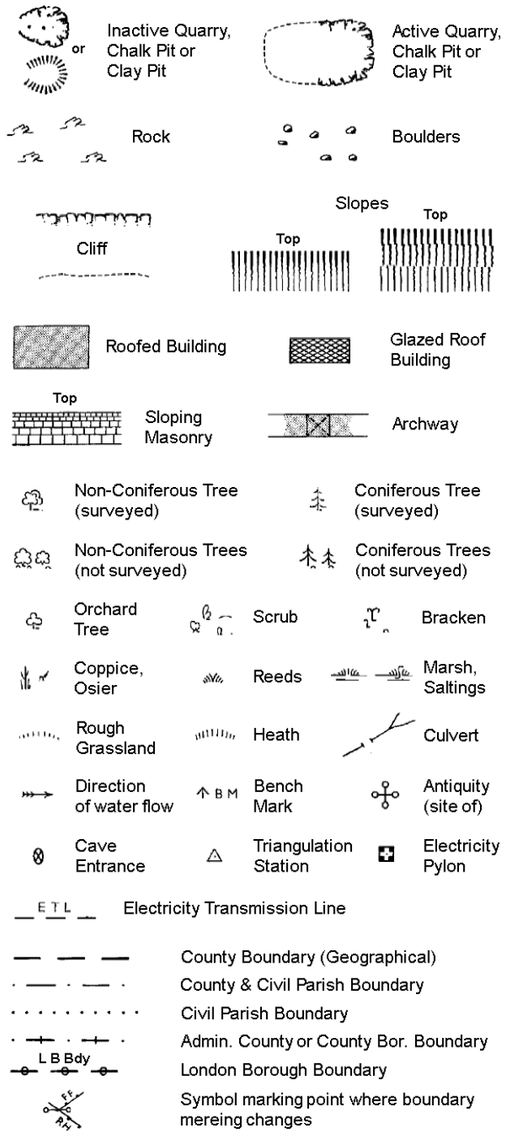
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy
London Borough Boundary
Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
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Chy	Chimney	PH	Public House
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FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
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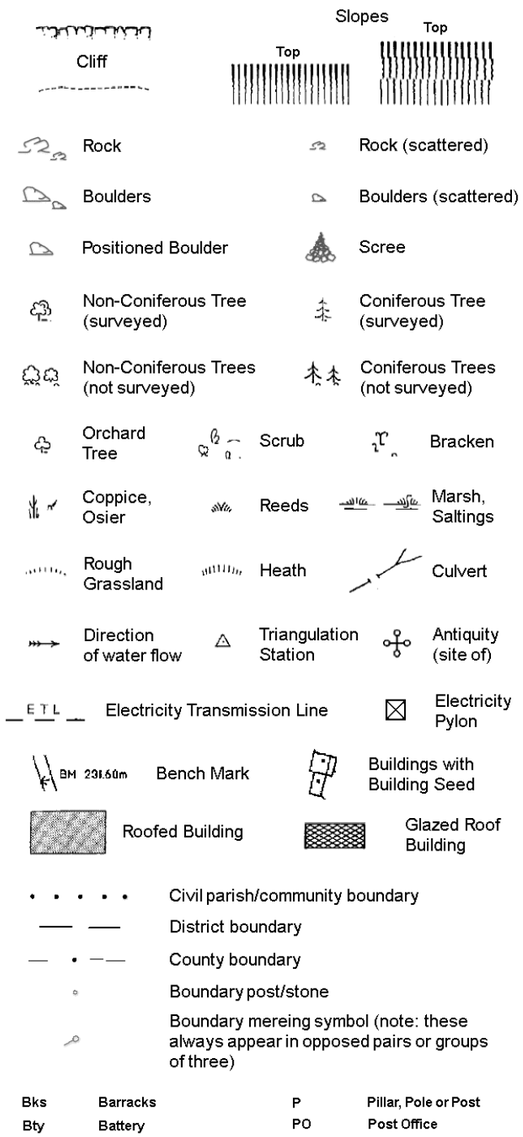
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

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Cemy	Cemetery	PC	Public Convenience
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Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
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Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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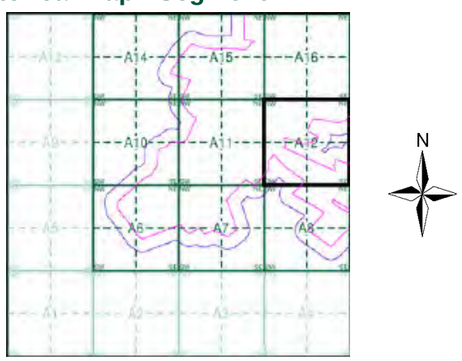
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:2,500	1884	2
Huntingdonshire	1:2,500	1887	3
Huntingdonshire	1:2,500	1901	4
Bedfordshire	1:2,500	1901	5
Ordnance Survey Plan	1:2,500	1979	6
Large-Scale National Grid Data	1:2,500	1993	7
Historical Aerial Photography	1:2,500	1999	8

Historical Map - Segment A12



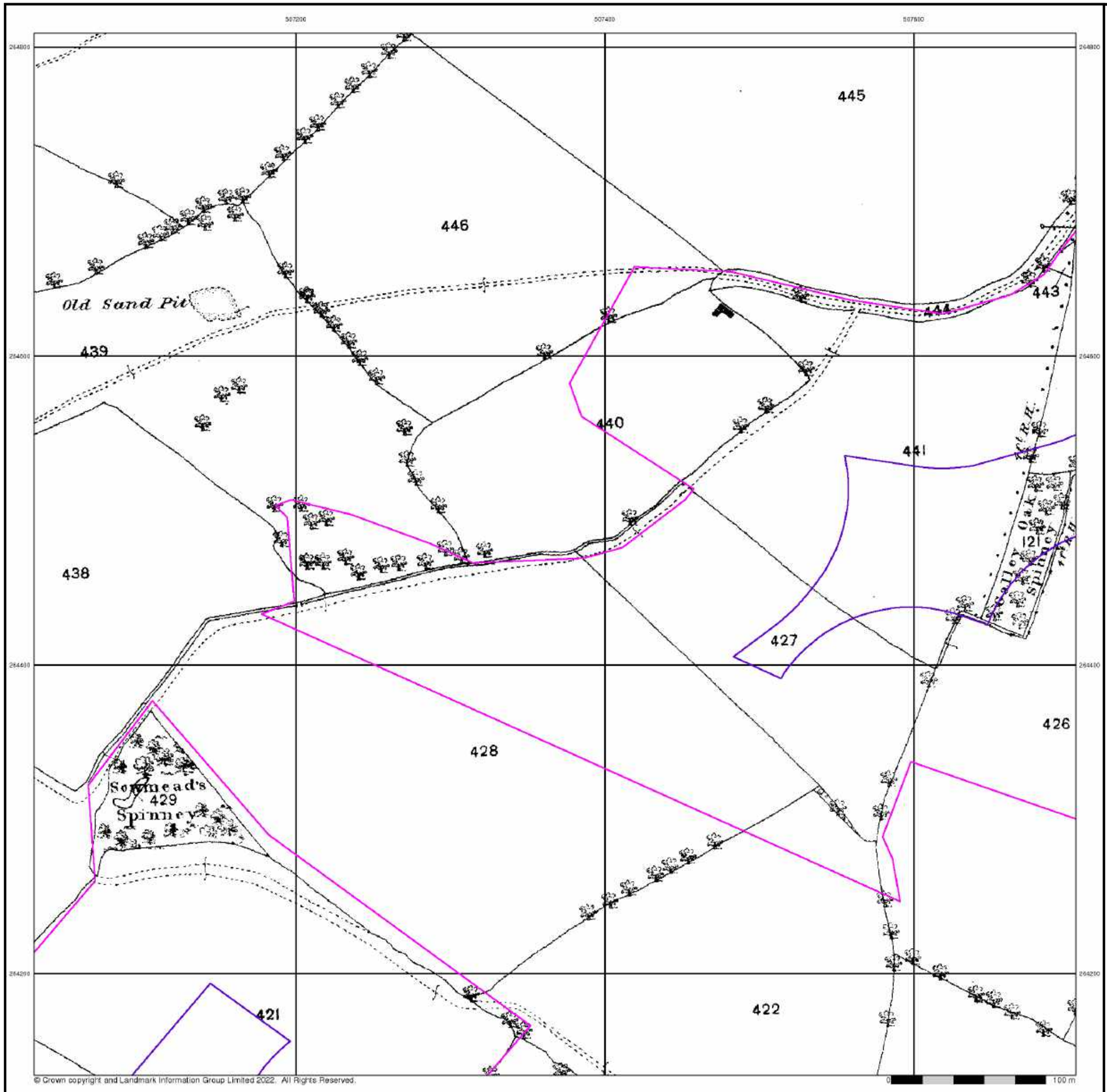
Order Details

Order Number: 299346790_1_1
Customer Ref: R3035
National Grid Reference: 506670, 264320
Slice: A
Site Area (Ha): 255.74
Search Buffer (m): 100

Site Details

Area A

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



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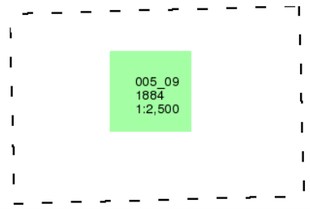
Bedfordshire

Published 1884

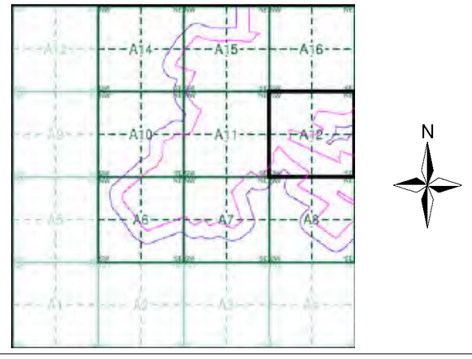
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A12



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

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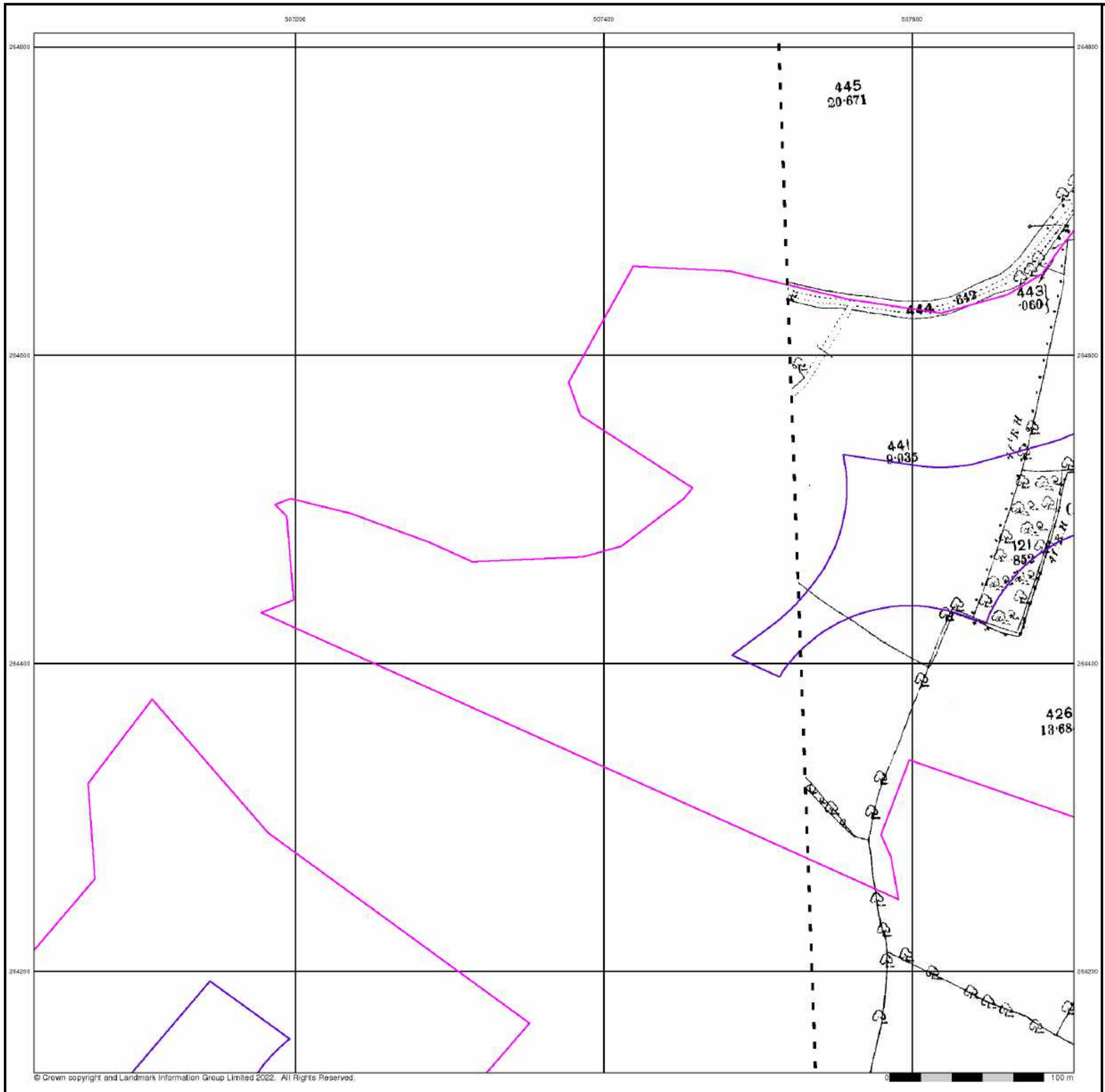

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Huntingdonshire

Published 1887

Source map scale - 1:2,500

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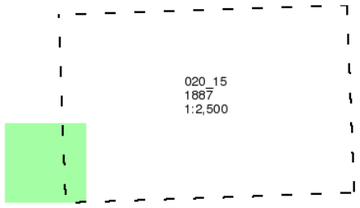
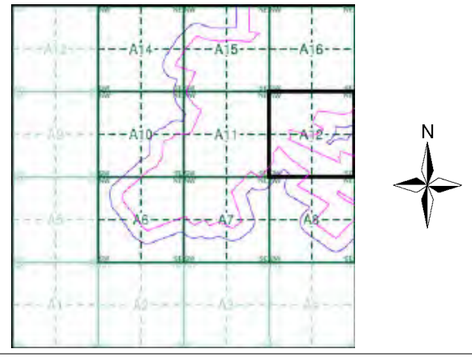


Historical Map - Segment A12



Order Details

Order Number:	299346790_1_1
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Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

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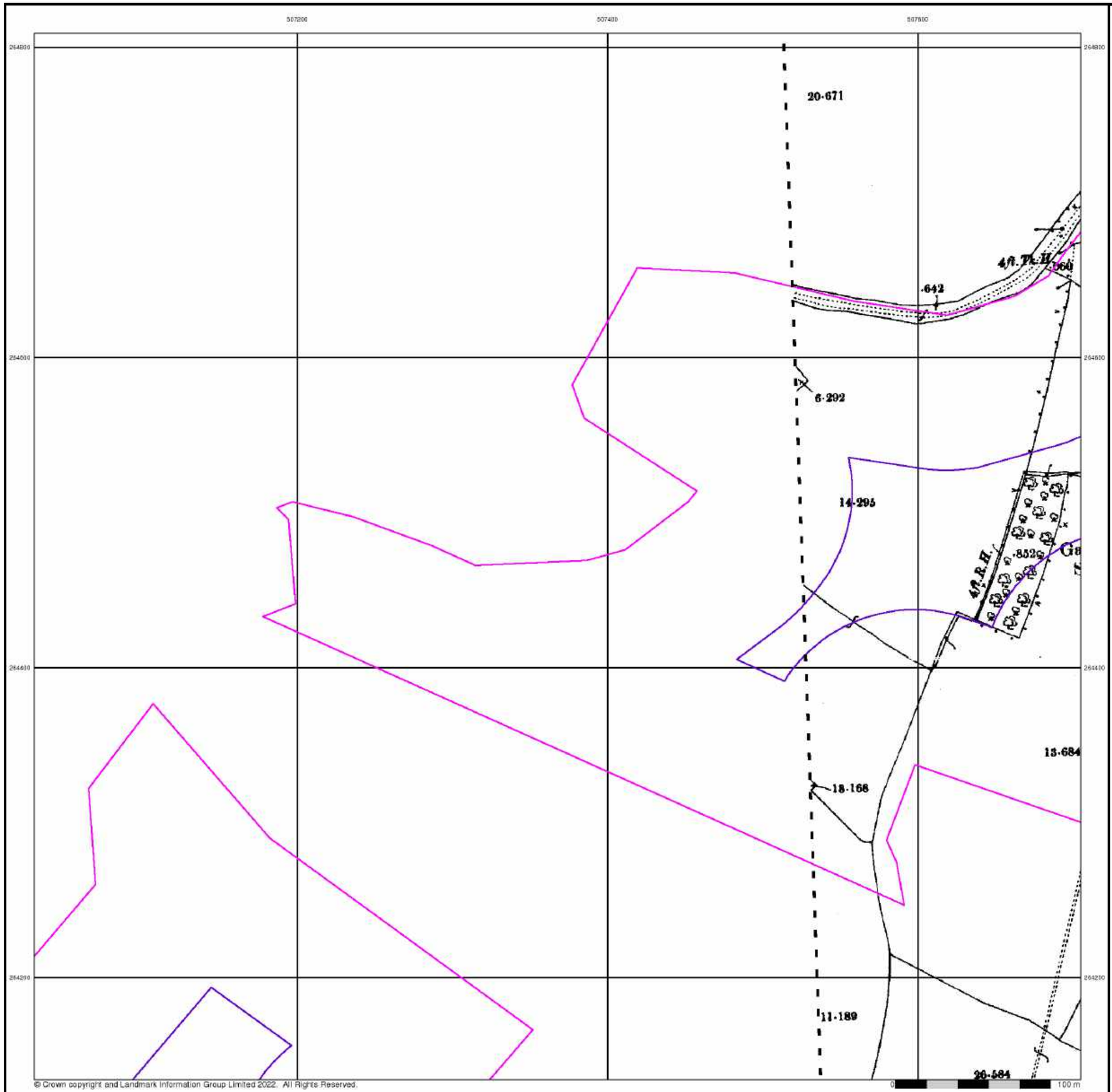

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Huntingdonshire

Published 1901

Source map scale - 1:2,500

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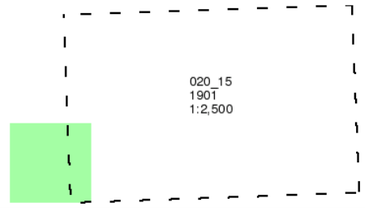
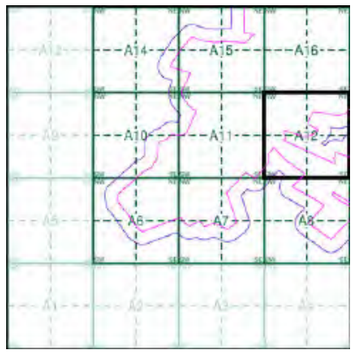


Historical Map - Segment A12



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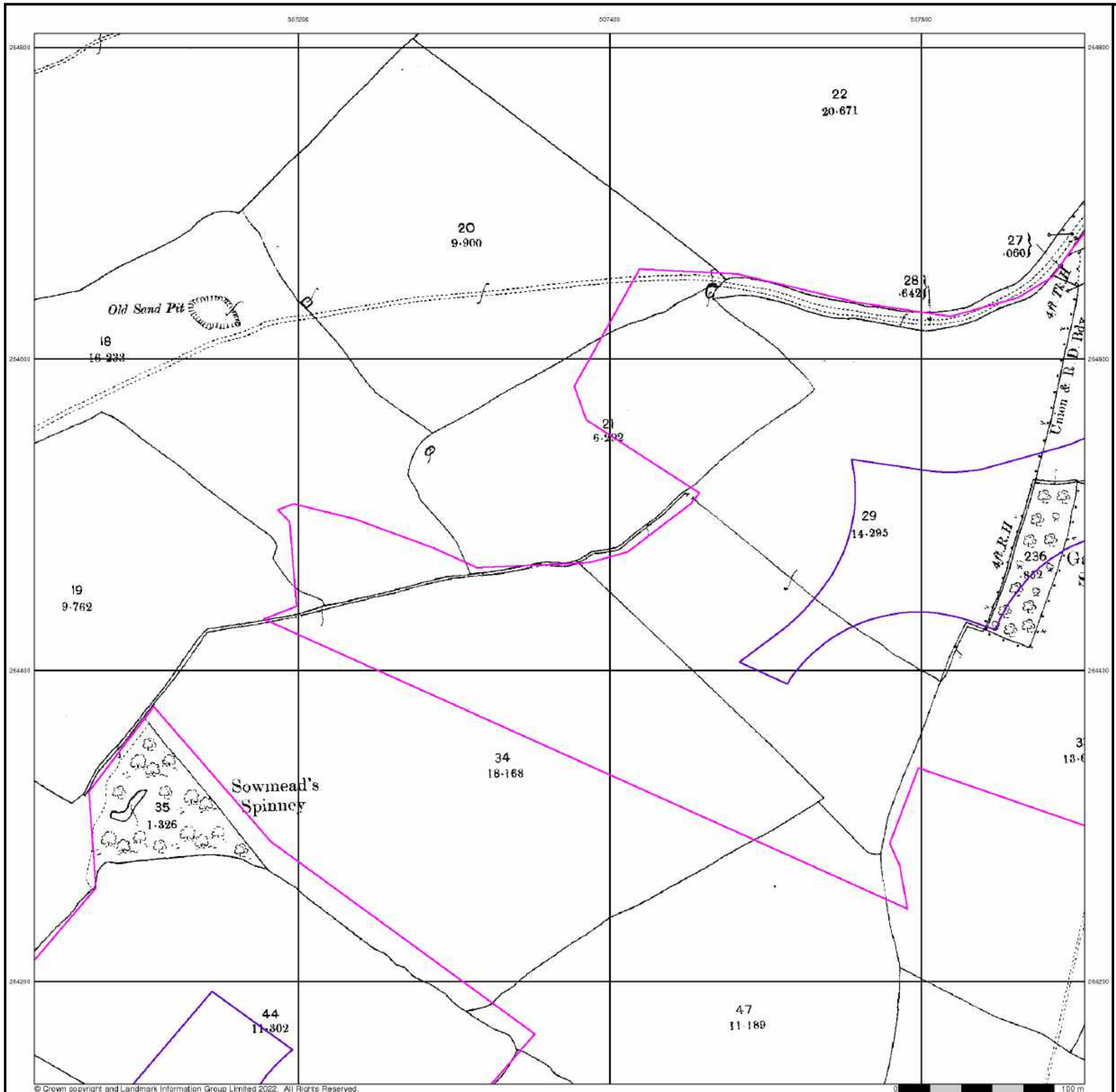

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Bedfordshire

Published 1901

Source map scale - 1:2,500

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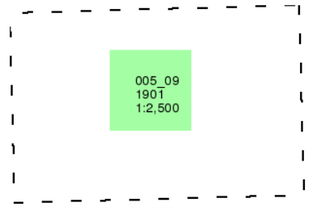
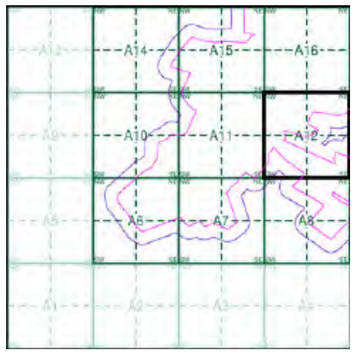


Historical Map - Segment A12



Order Details

Order Number:	299346790_1_1
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National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

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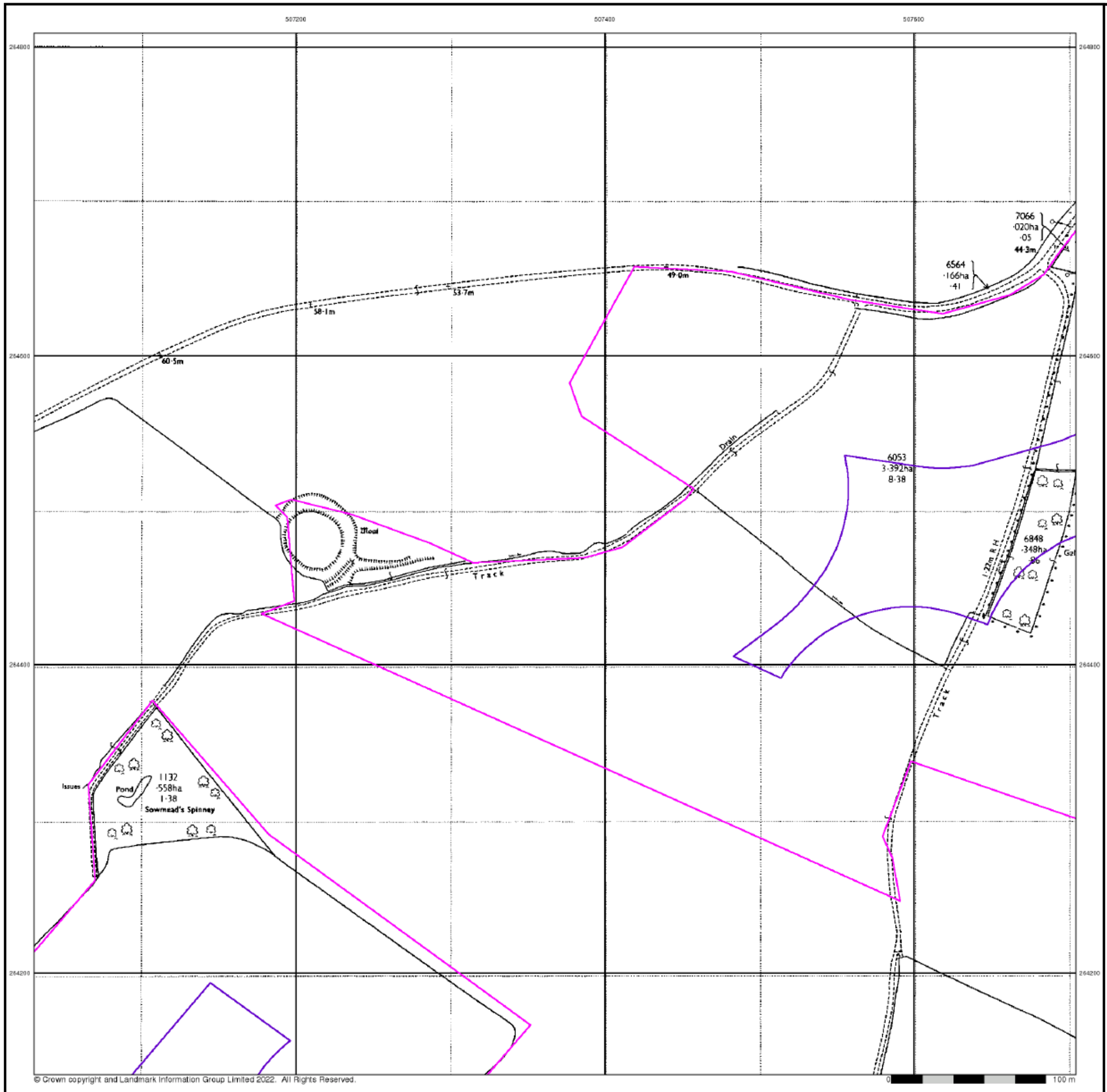

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Ordnance Survey Plan

Published 1979

Source map scale - 1:2,500

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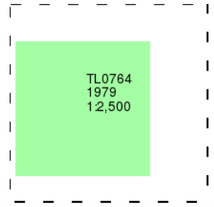
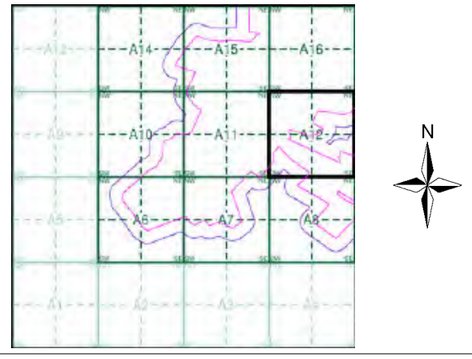


Historical Map - Segment A12



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Site Details

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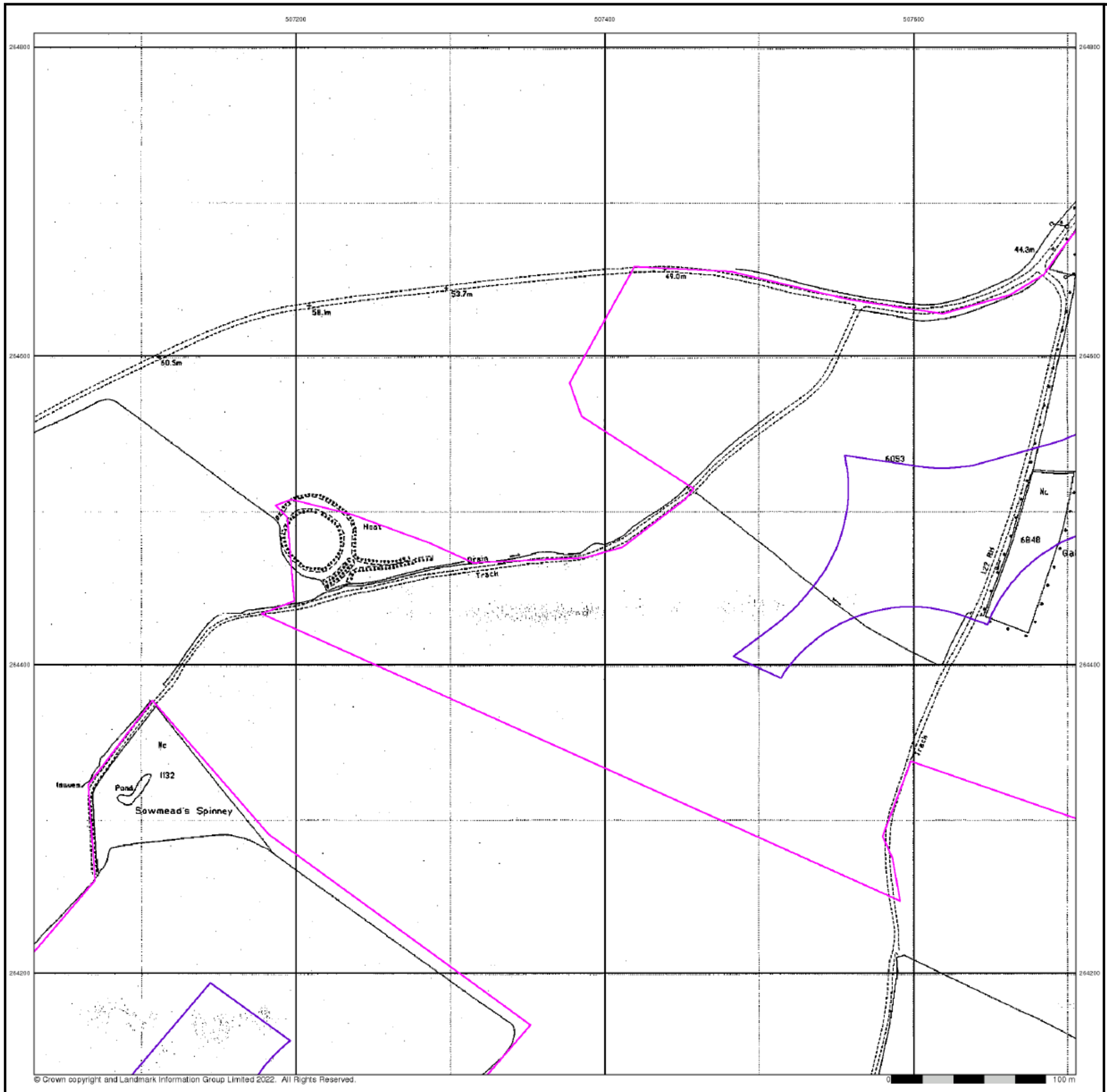

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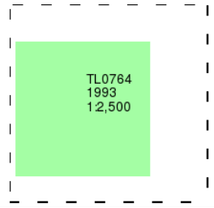
Large-Scale National Grid Data

Published 1993

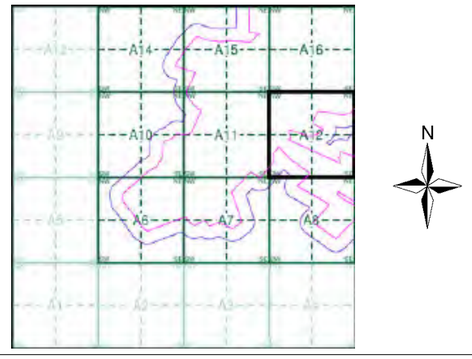
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A12



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

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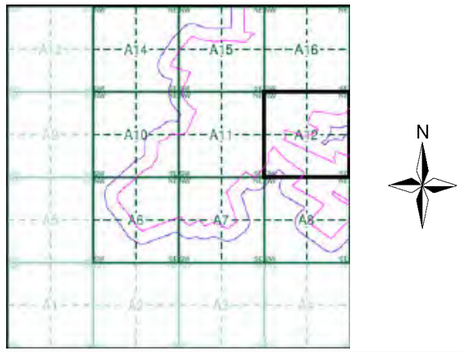
Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A12



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

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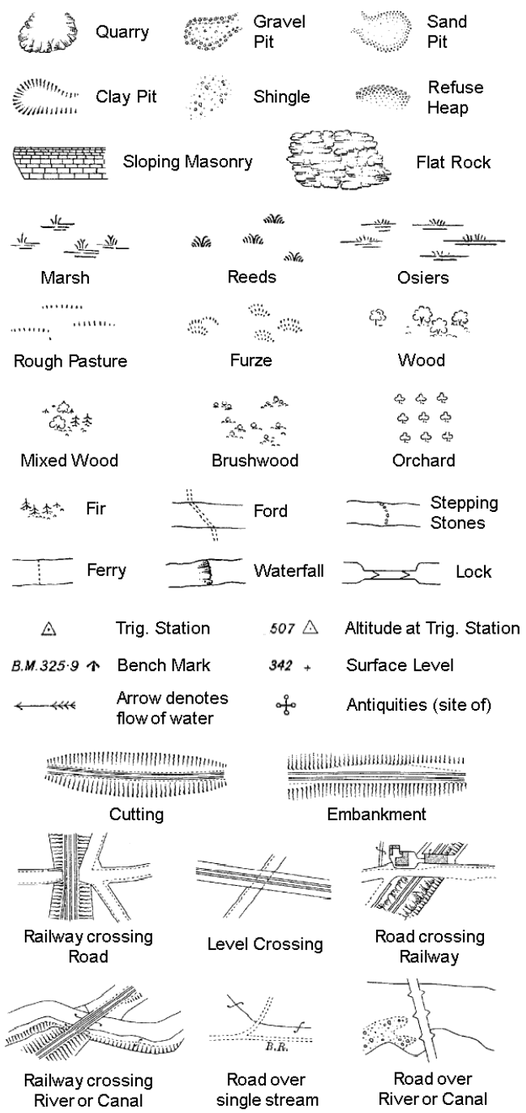
Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

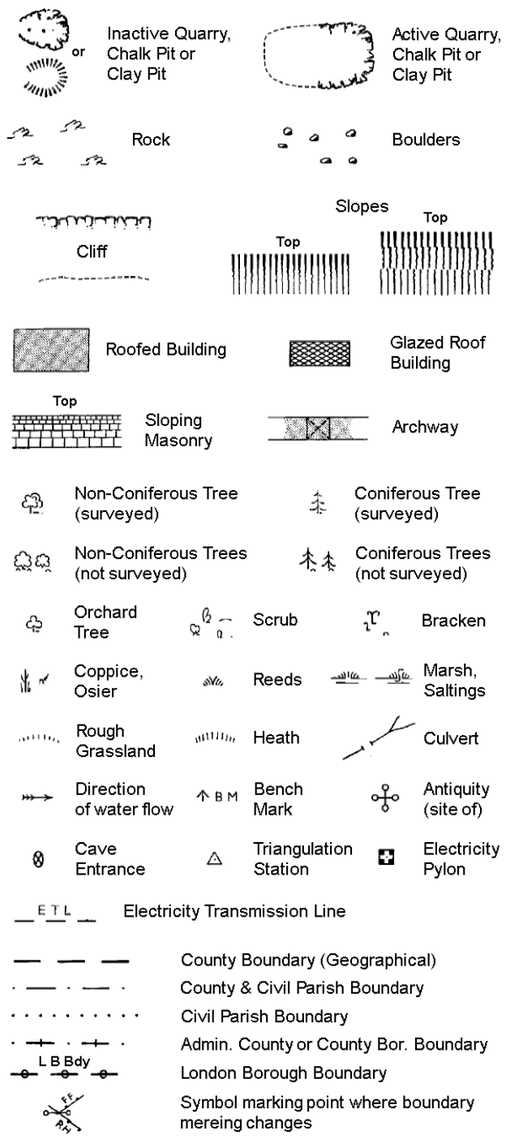
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

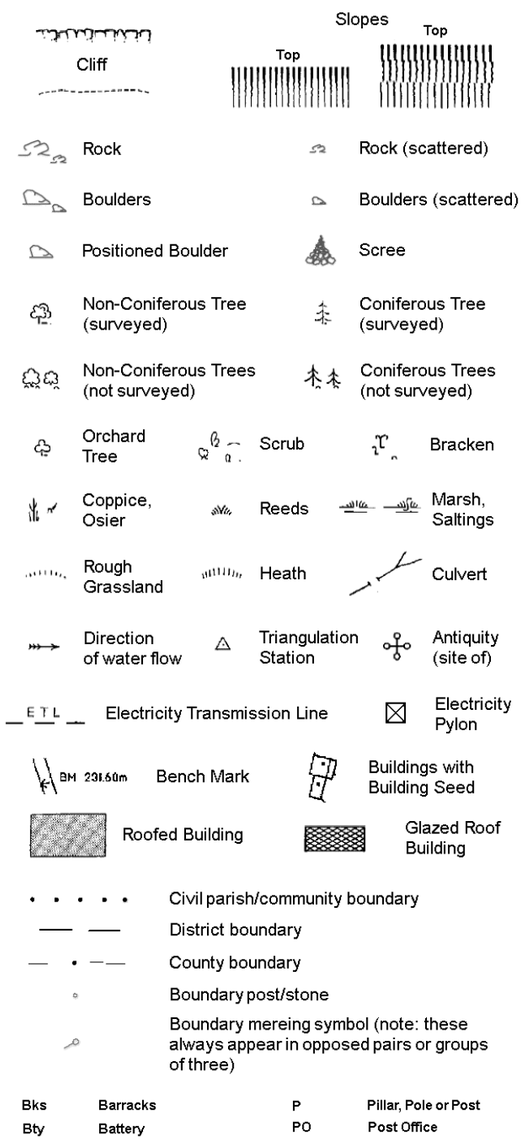
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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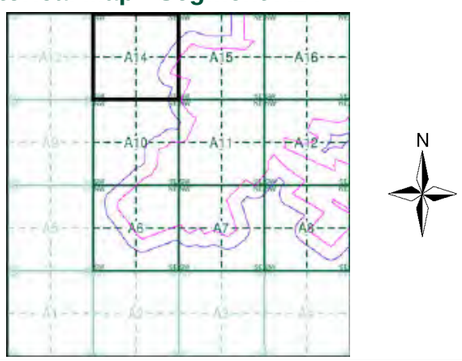
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:2,500	1884	2
Bedfordshire	1:2,500	1901	3
Ordnance Survey Plan	1:2,500	1979 - 1980	4
Large-Scale National Grid Data	1:2,500	1993 - 1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A14



Order Details

Order Number: 299346790_1_1
Customer Ref: R3035
National Grid Reference: 506670, 264320
Slice: A
Site Area (Ha): 255.74
Search Buffer (m): 100

Site Details

Area A

Landmark INFORMATION GROUP

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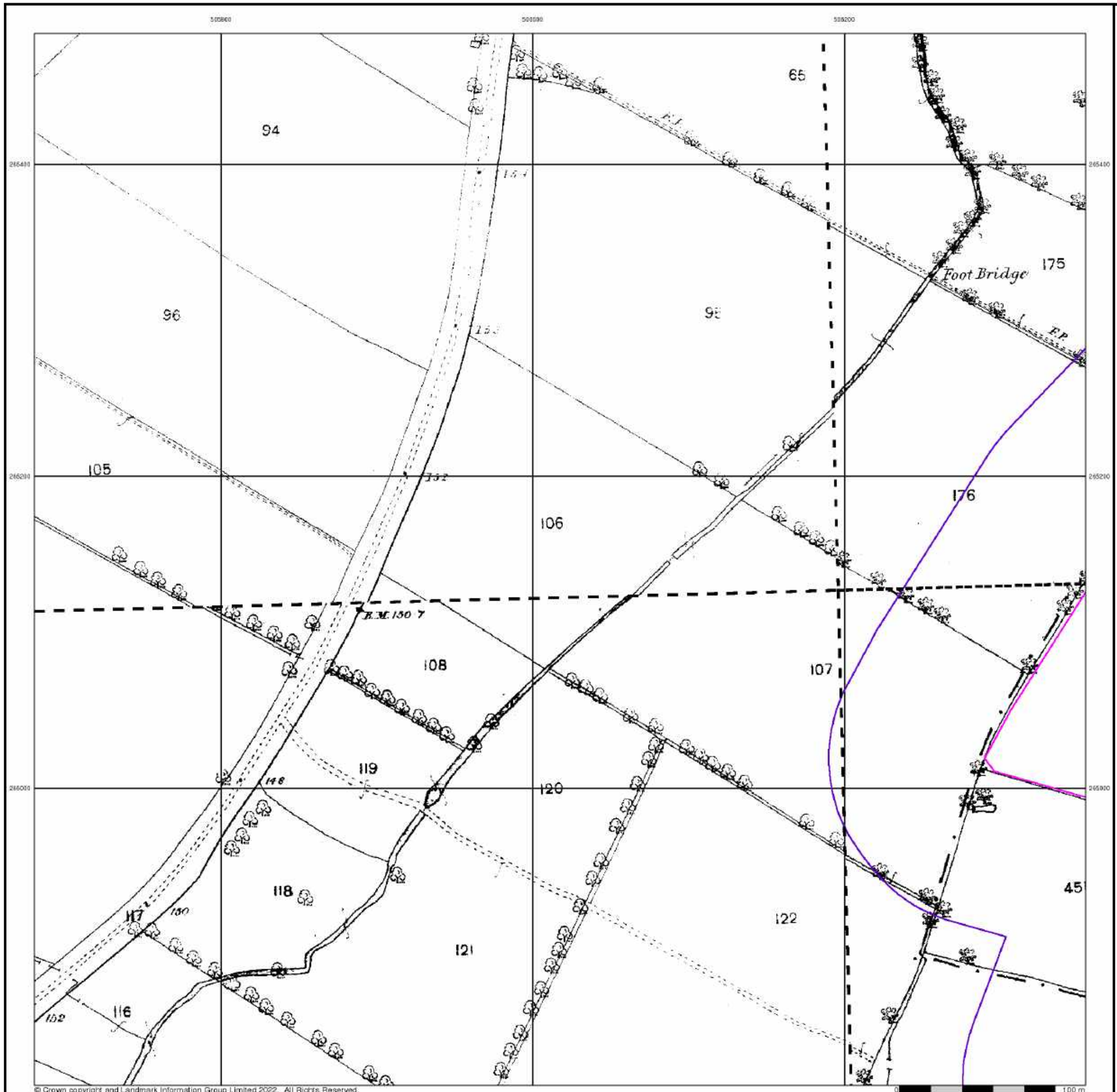

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Bedfordshire

Published 1884

Source map scale - 1:2,500

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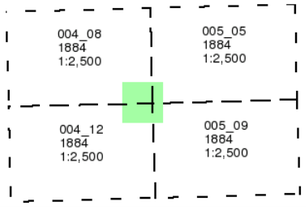
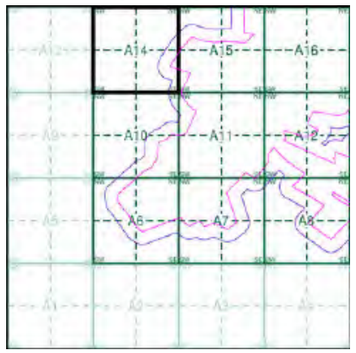


Historical Map - Segment A14



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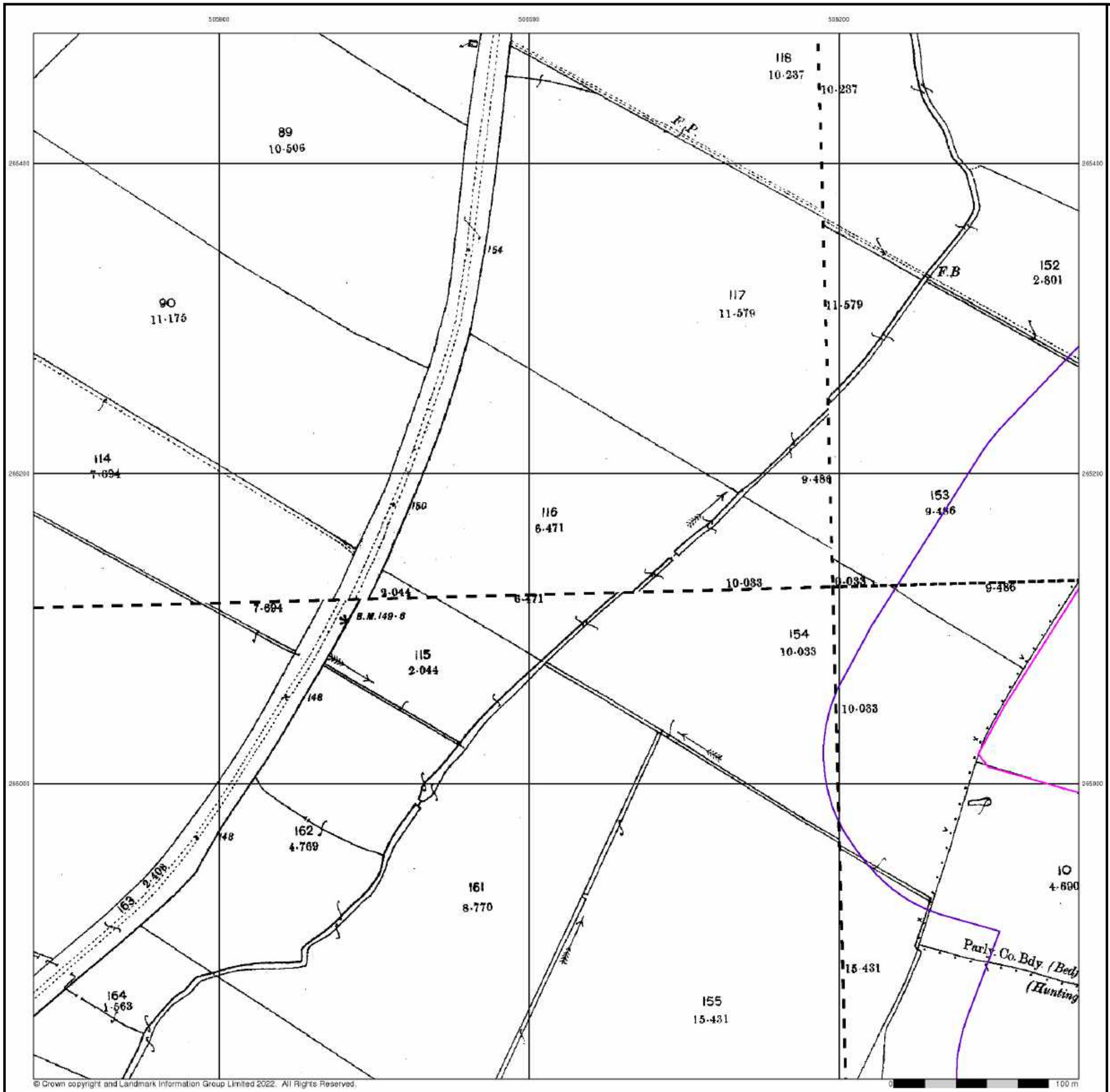

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Bedfordshire

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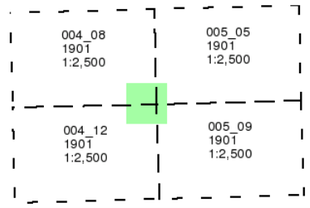
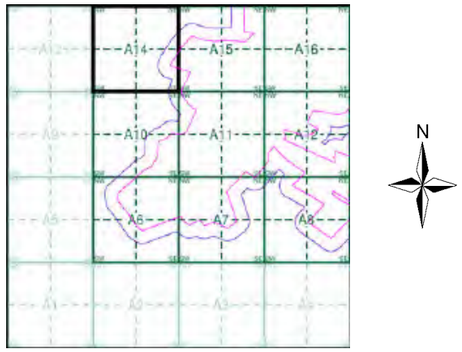


Historical Map - Segment A14



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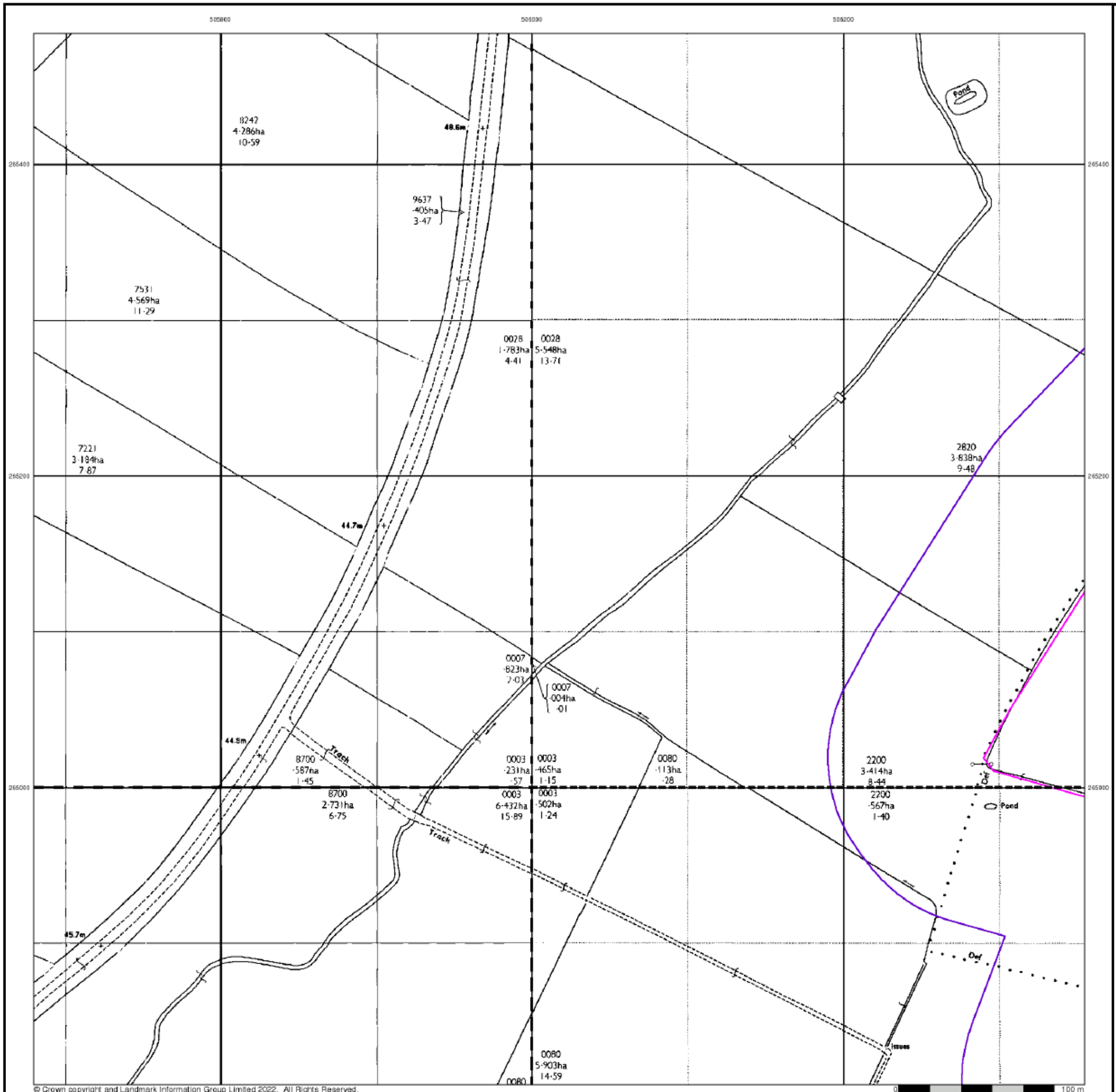

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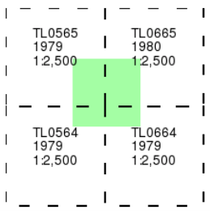
Ordnance Survey Plan

Published 1979 - 1980

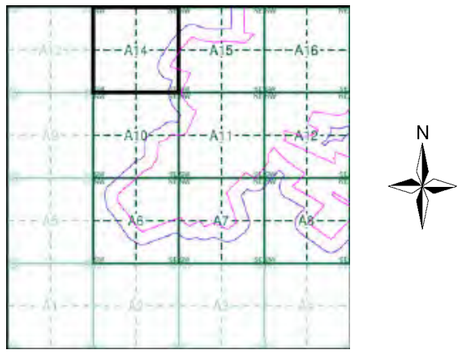
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A14



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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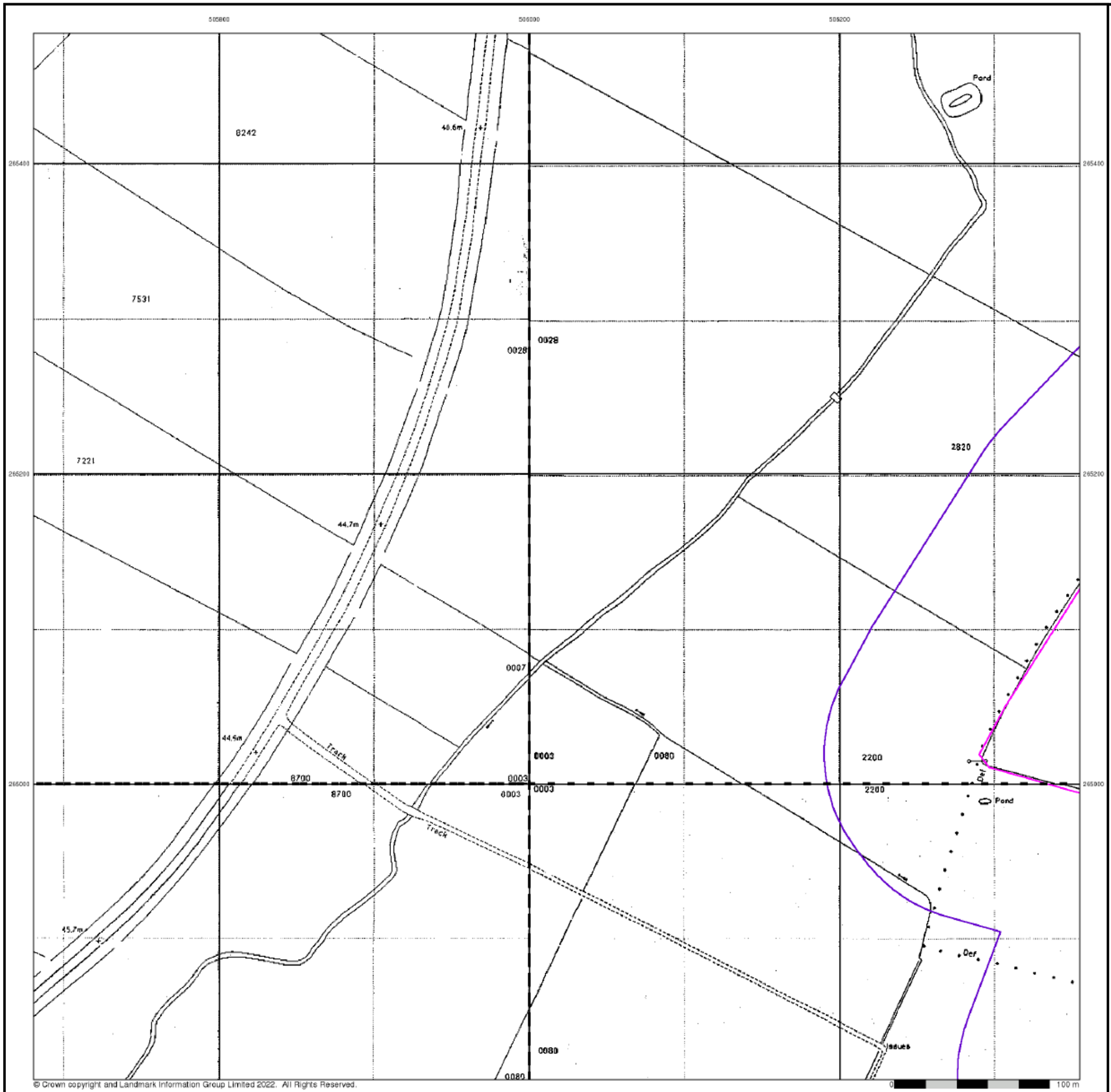

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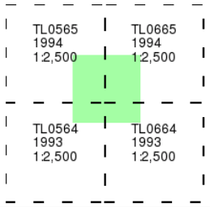
Large-Scale National Grid Data

Published 1993 - 1994

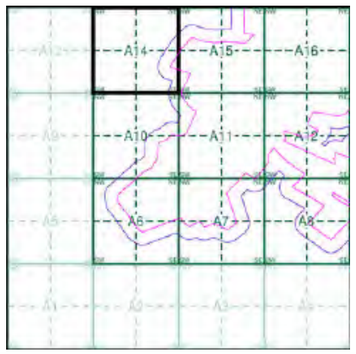
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A14



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

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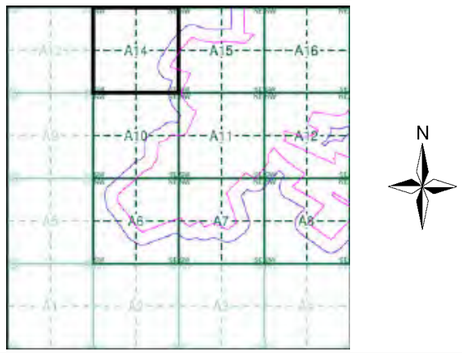
LANDMARK INFORMATION GROUP®

Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A14



Order Details

Order Number:	299346790_1_1
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National Grid Reference:	506670, 264320
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Site Area (Ha):	255.74
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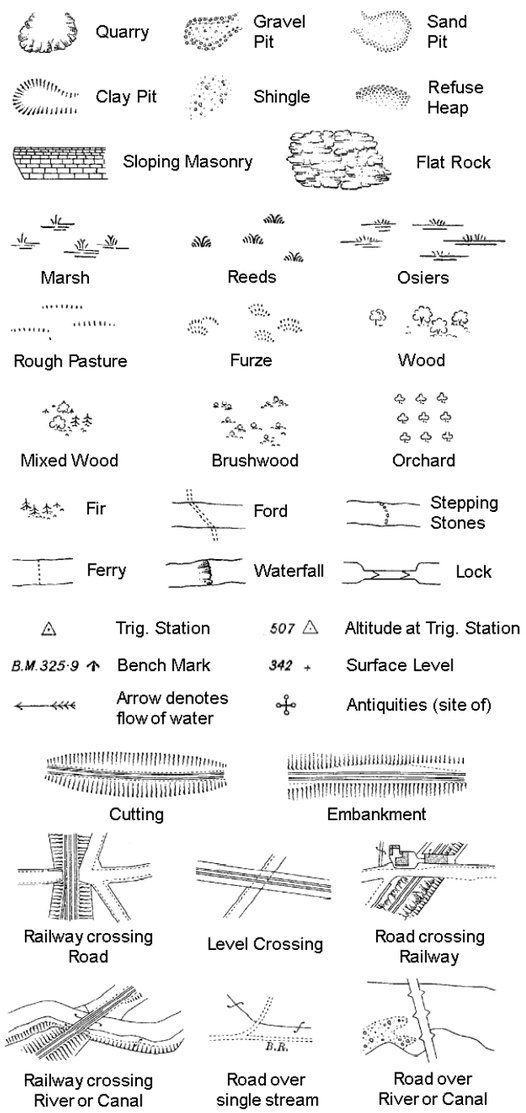
Site Details

Area A

Historical Mapping Legends

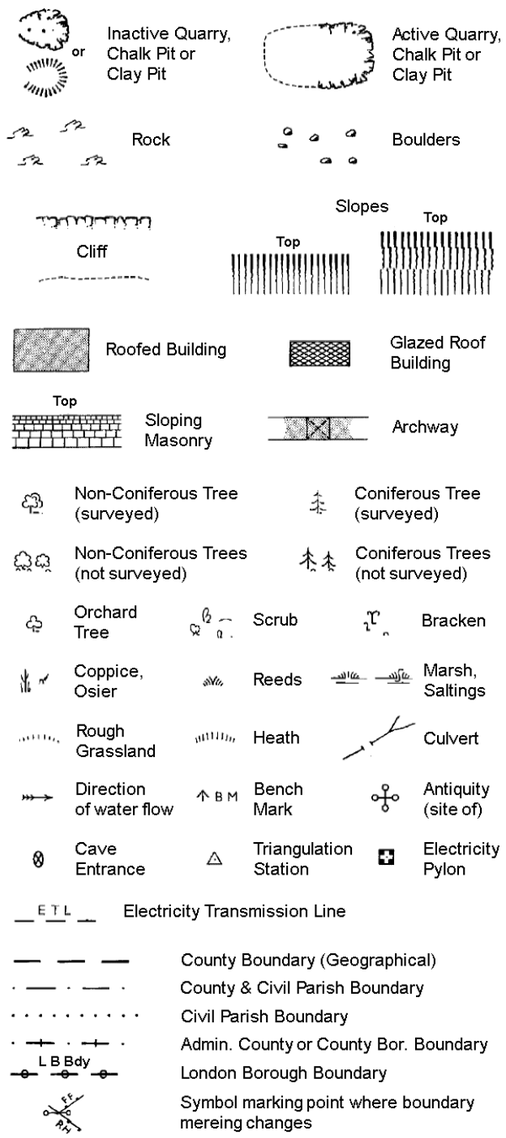
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy.
County Borough Boundary (England)
Co. Burgh Bdy.
County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

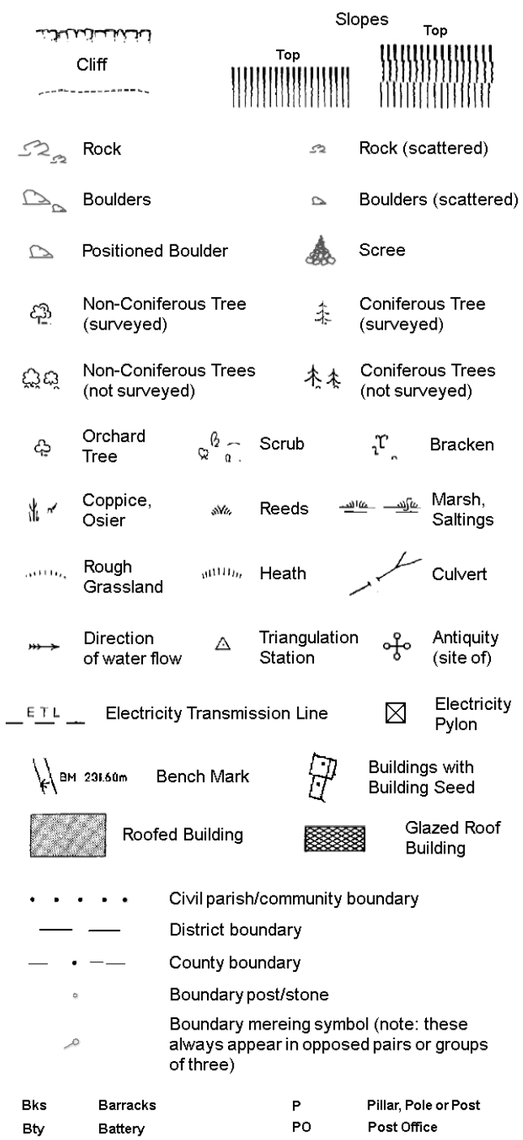
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy
London Borough Boundary
Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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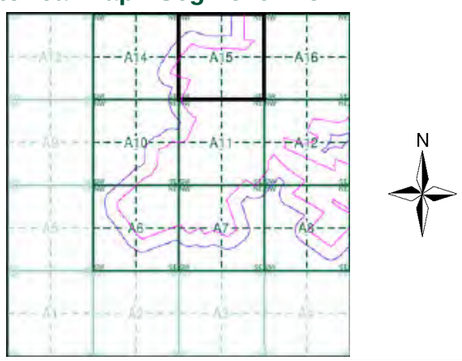
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:2,500	1884	2
Bedfordshire	1:2,500	1901	3
Ordnance Survey Plan	1:2,500	1979 - 1980	4
Large-Scale National Grid Data	1:2,500	1993 - 1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A15



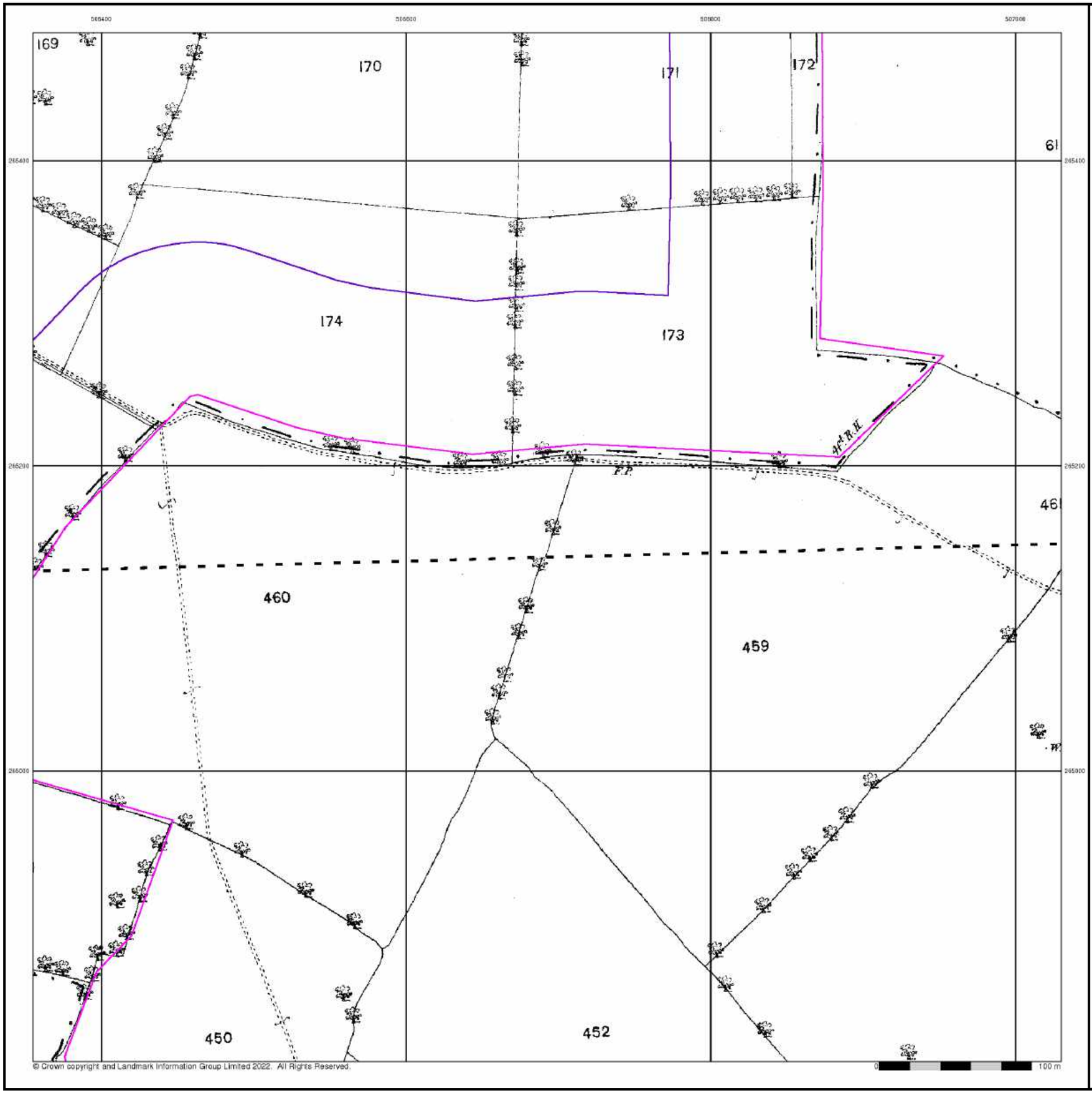
Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

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



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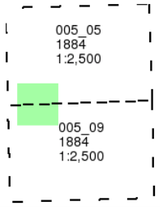
Bedfordshire

Published 1884

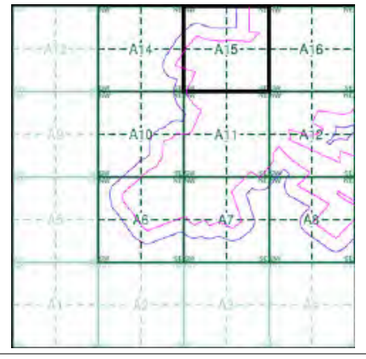
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A15



Order Details

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Area A

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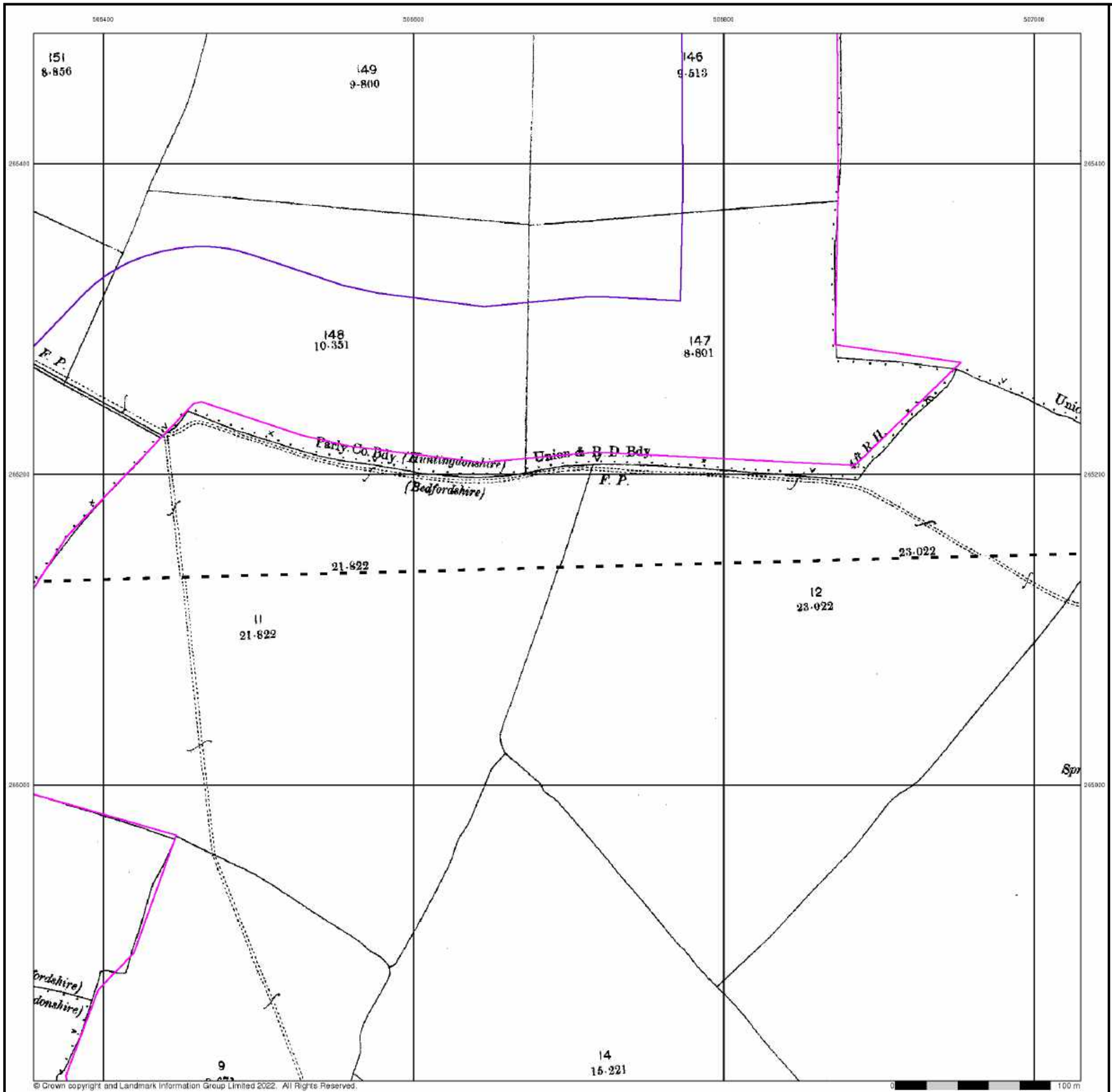

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LANDMARK INFORMATION GROUP®

Bedfordshire

Published 1901

Source map scale - 1:2,500

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

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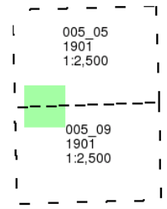
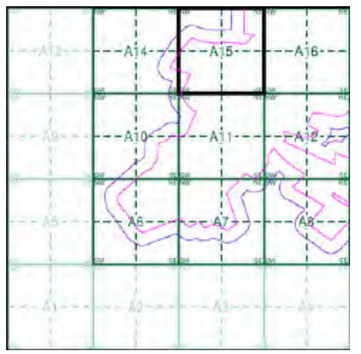


Historical Map - Segment A15



Order Details

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Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
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Site Details

Area A

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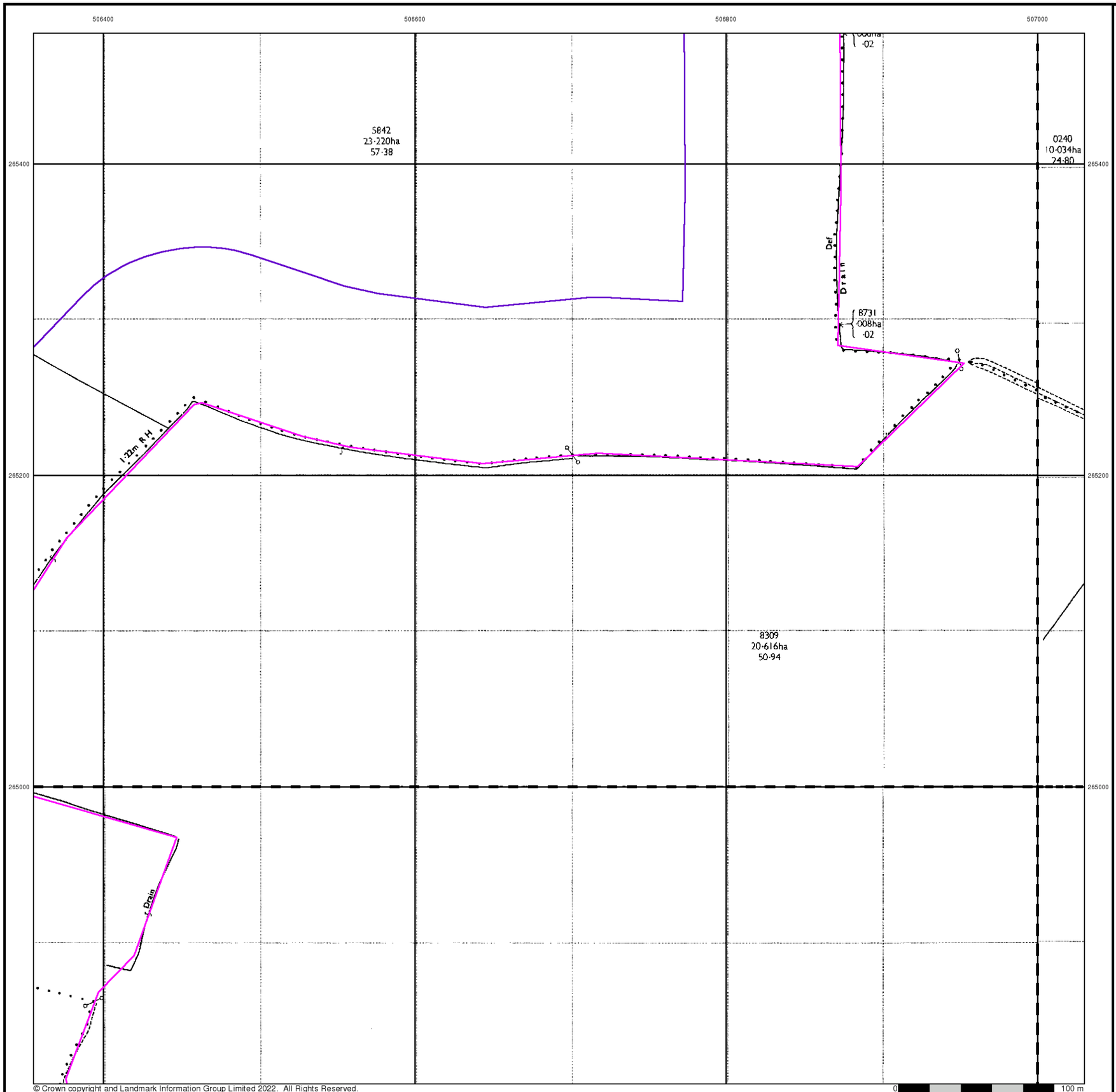

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Ordnance Survey Plan

Published 1979 - 1980

Source map scale - 1:2,500

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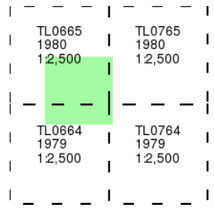
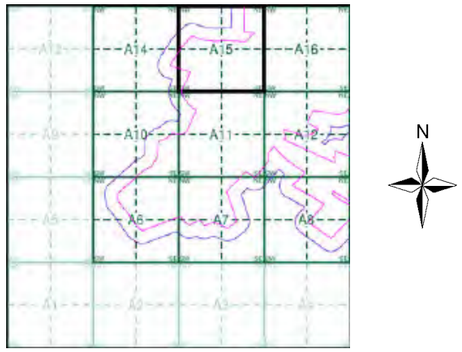


Historical Map - Segment A15



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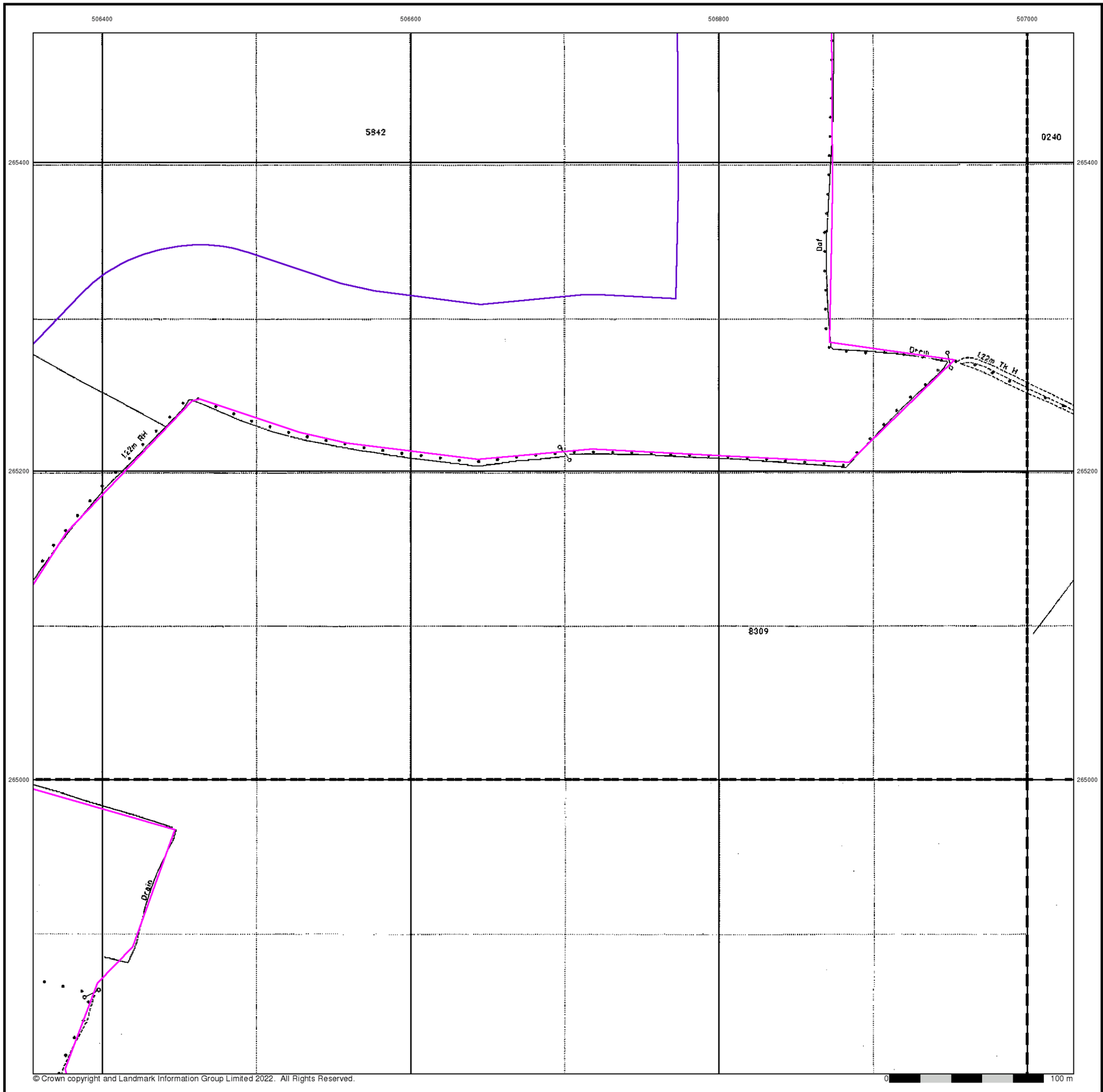

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0 100 m

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Large-Scale National Grid Data

Published 1993 - 1994

Source map scale - 1:2,500

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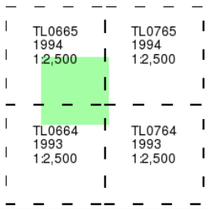
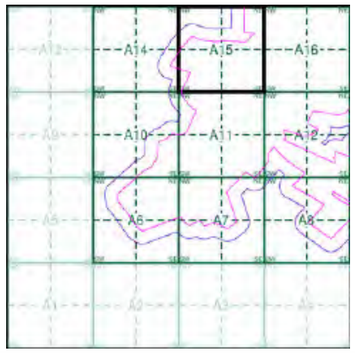


Historical Map - Segment A15



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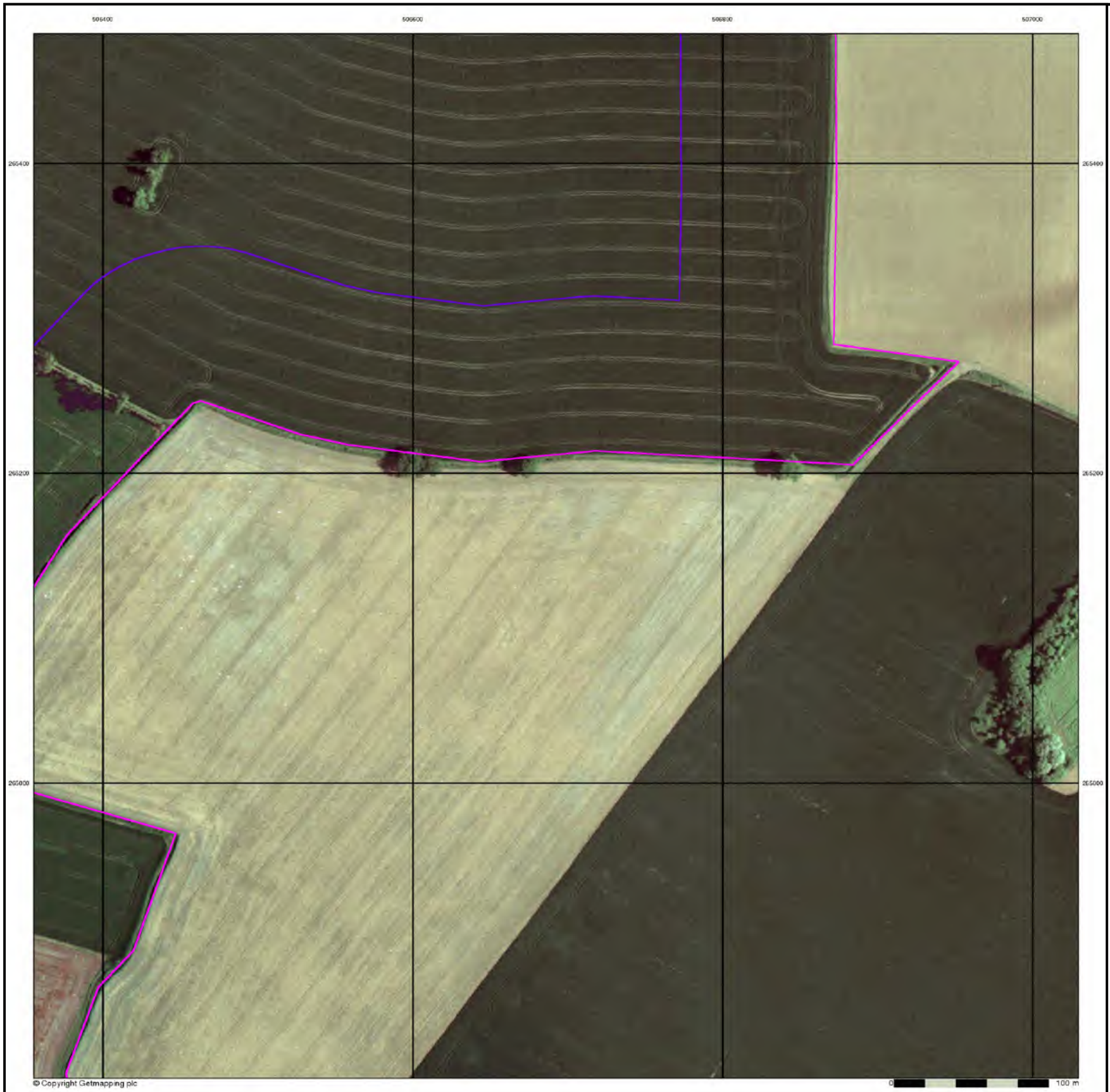

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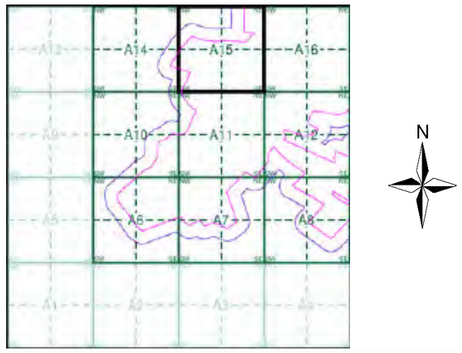
Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A15



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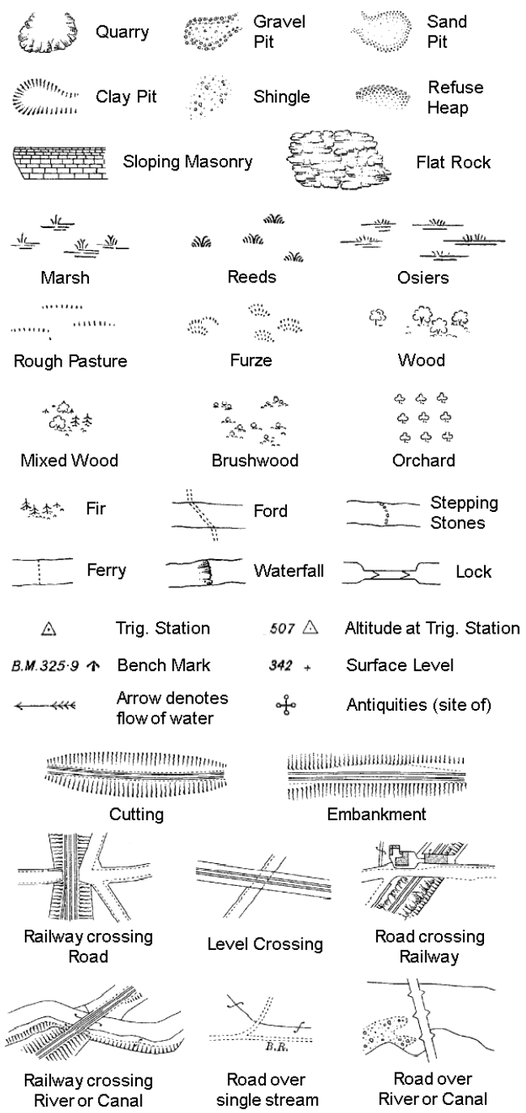
Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
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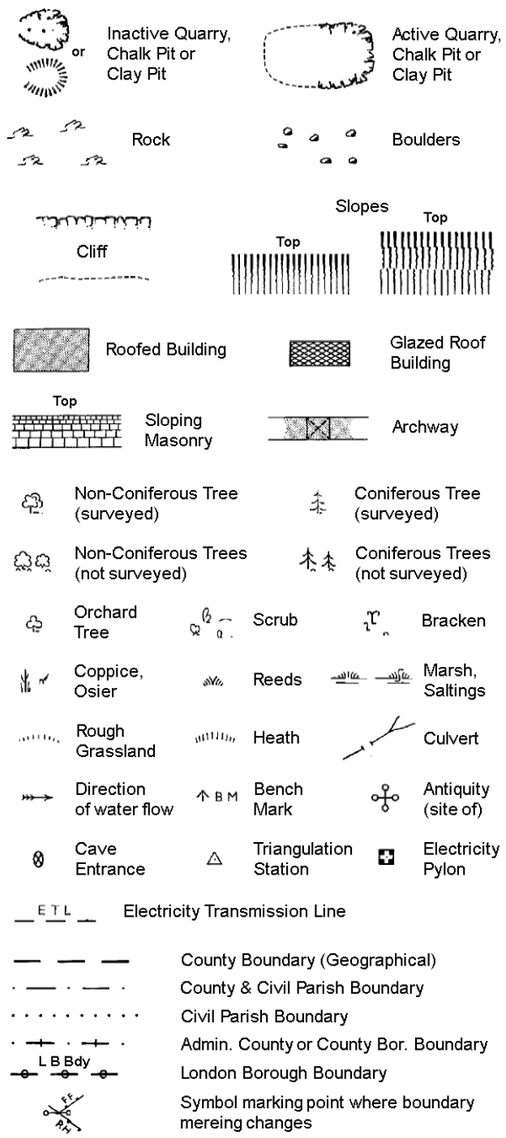
M.P M.R	Mooring Post or Ring	W	Well

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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

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BP, BS	Boundary Post or Stone	PO	Post Office
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Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
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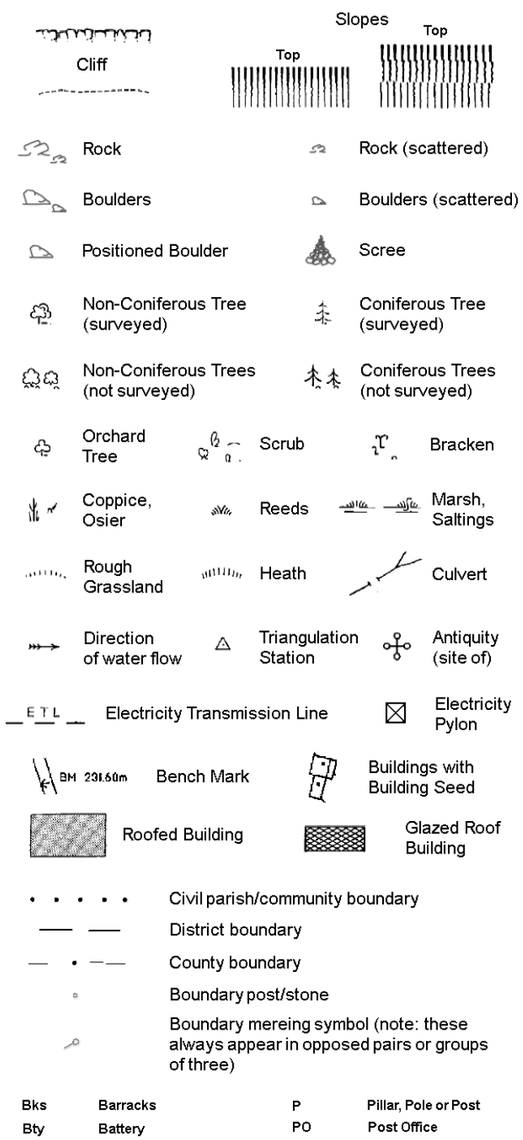
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

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Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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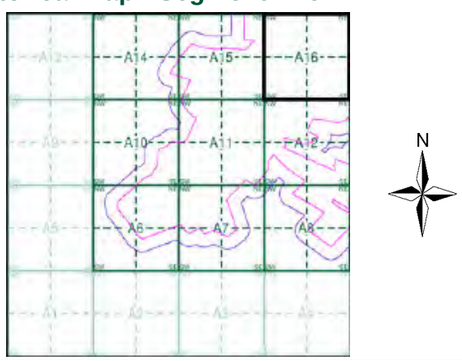
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:2,500	1884	2
Huntingdonshire	1:2,500	1887	3
Bedfordshire	1:2,500	1901	4
Huntingdonshire	1:2,500	1901	5
Ordnance Survey Plan	1:2,500	1979 - 1980	6
Large-Scale National Grid Data	1:2,500	1993 - 1994	7
Historical Aerial Photography	1:2,500	1999	8

Historical Map - Segment A16



Order Details

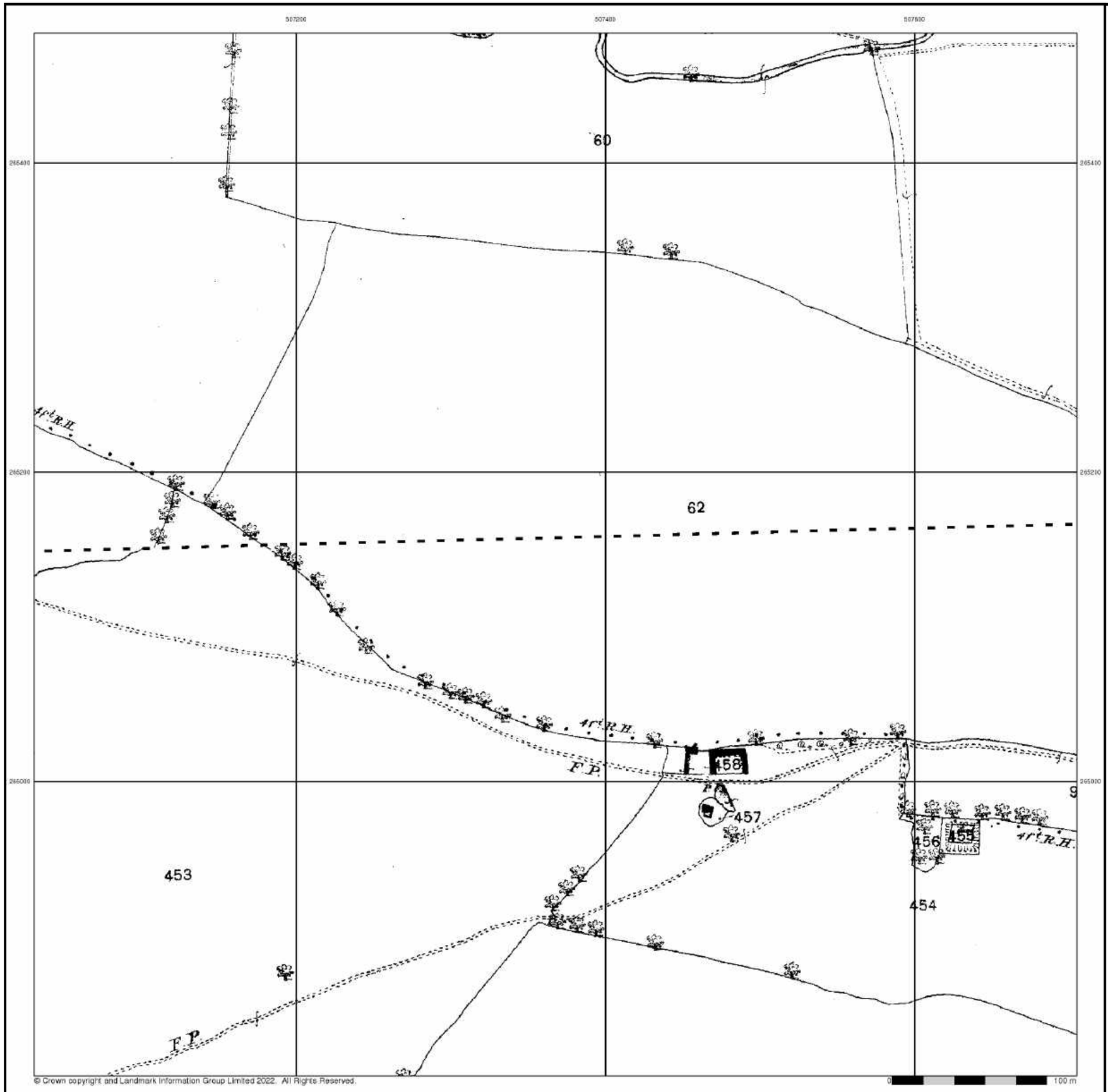
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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



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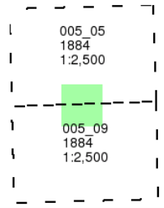
Bedfordshire

Published 1884

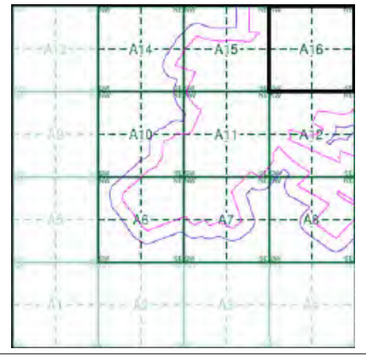
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A16



Order Details

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Site Details

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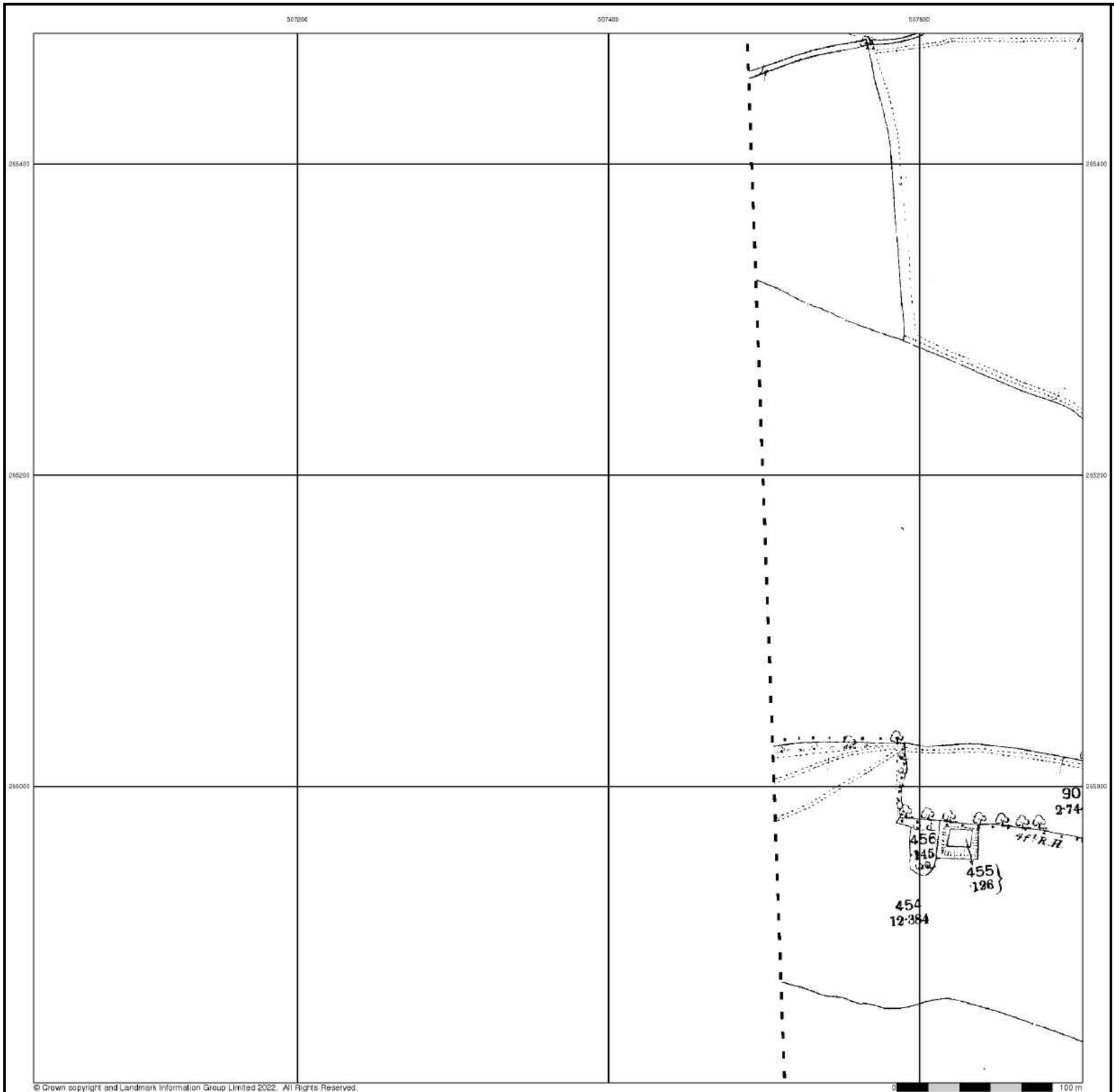

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Huntingdonshire

Published 1887

Source map scale - 1:2,500

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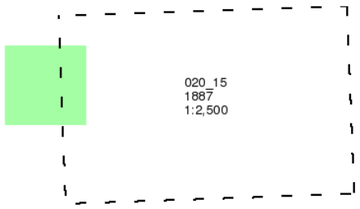
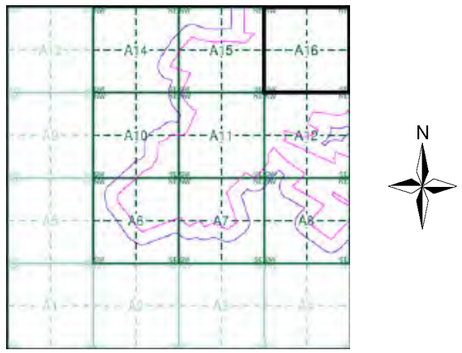


Historical Map - Segment A16



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

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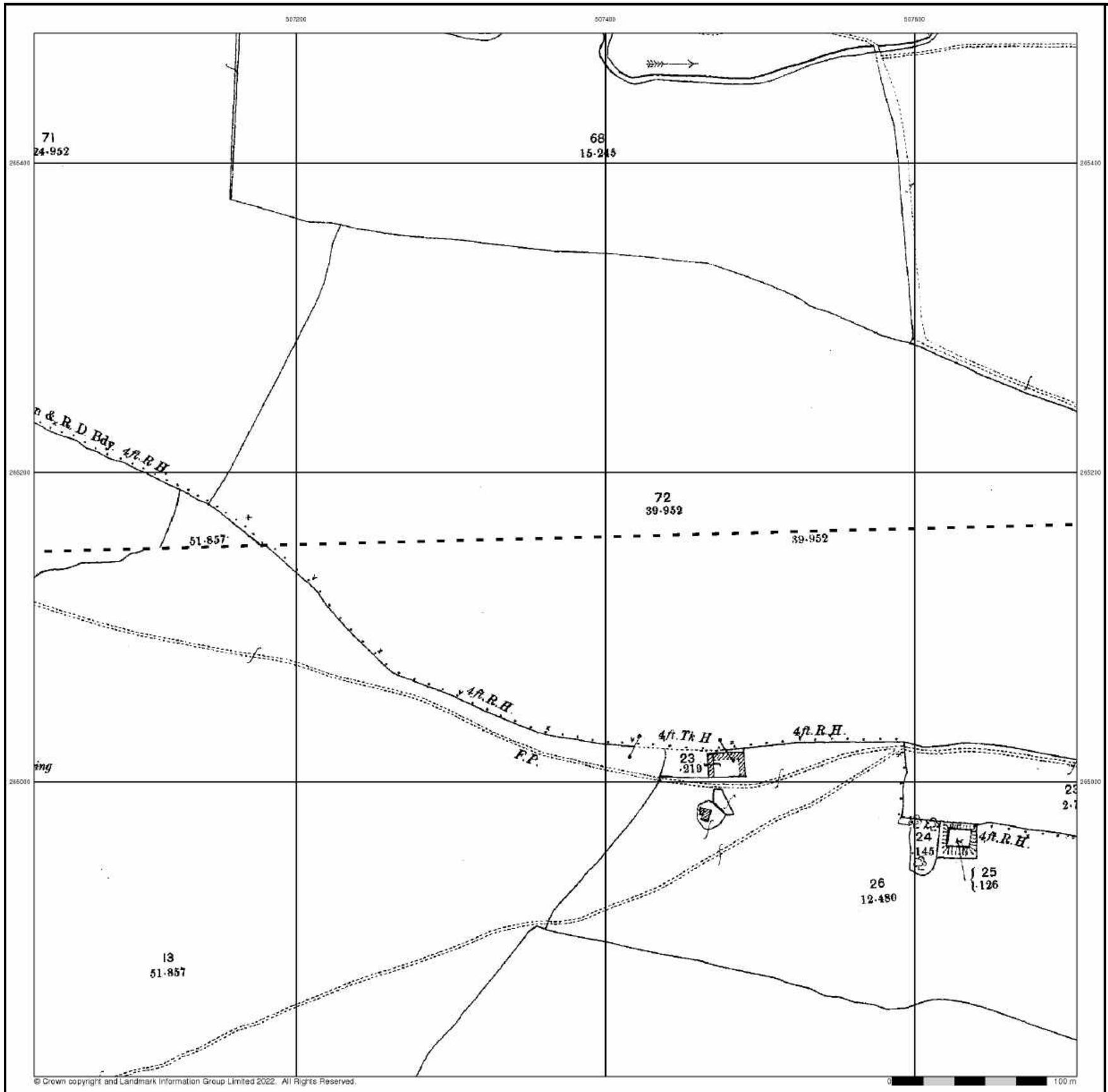

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Bedfordshire

Published 1901

Source map scale - 1:2,500

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

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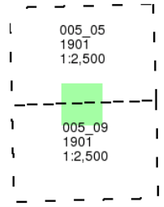
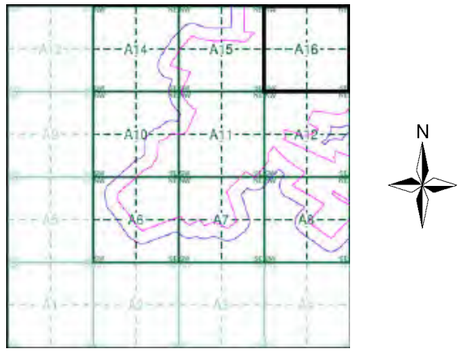


Historical Map - Segment A16



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
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Site Details

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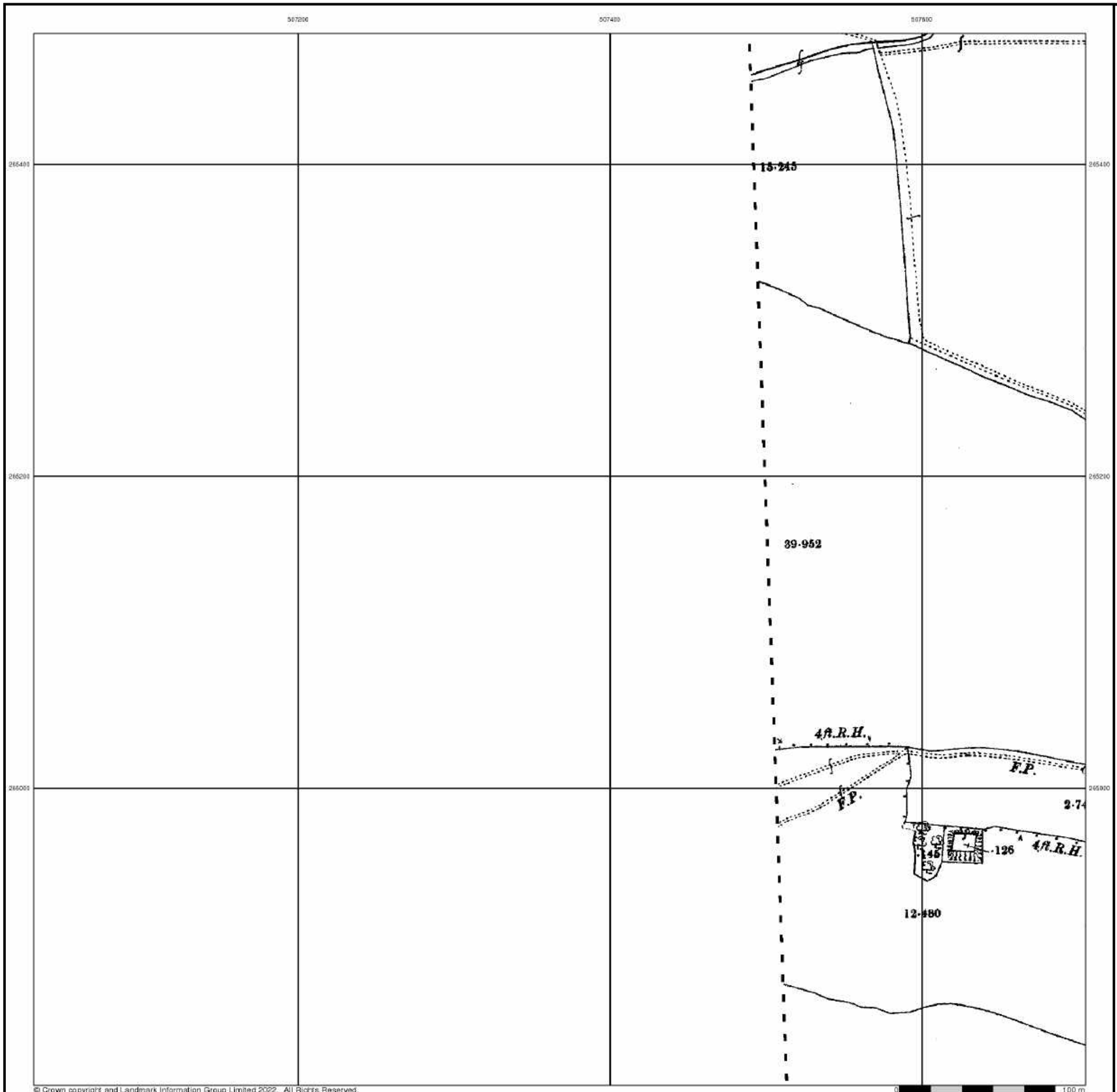

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Huntingdonshire

Published 1901

Source map scale - 1:2,500

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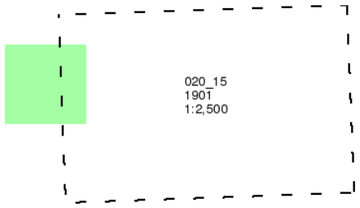
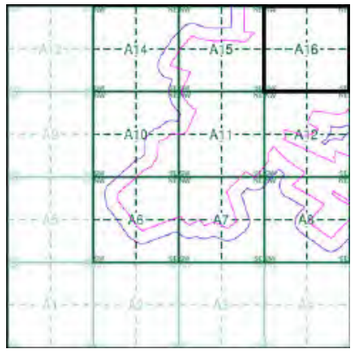


Historical Map - Segment A16



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

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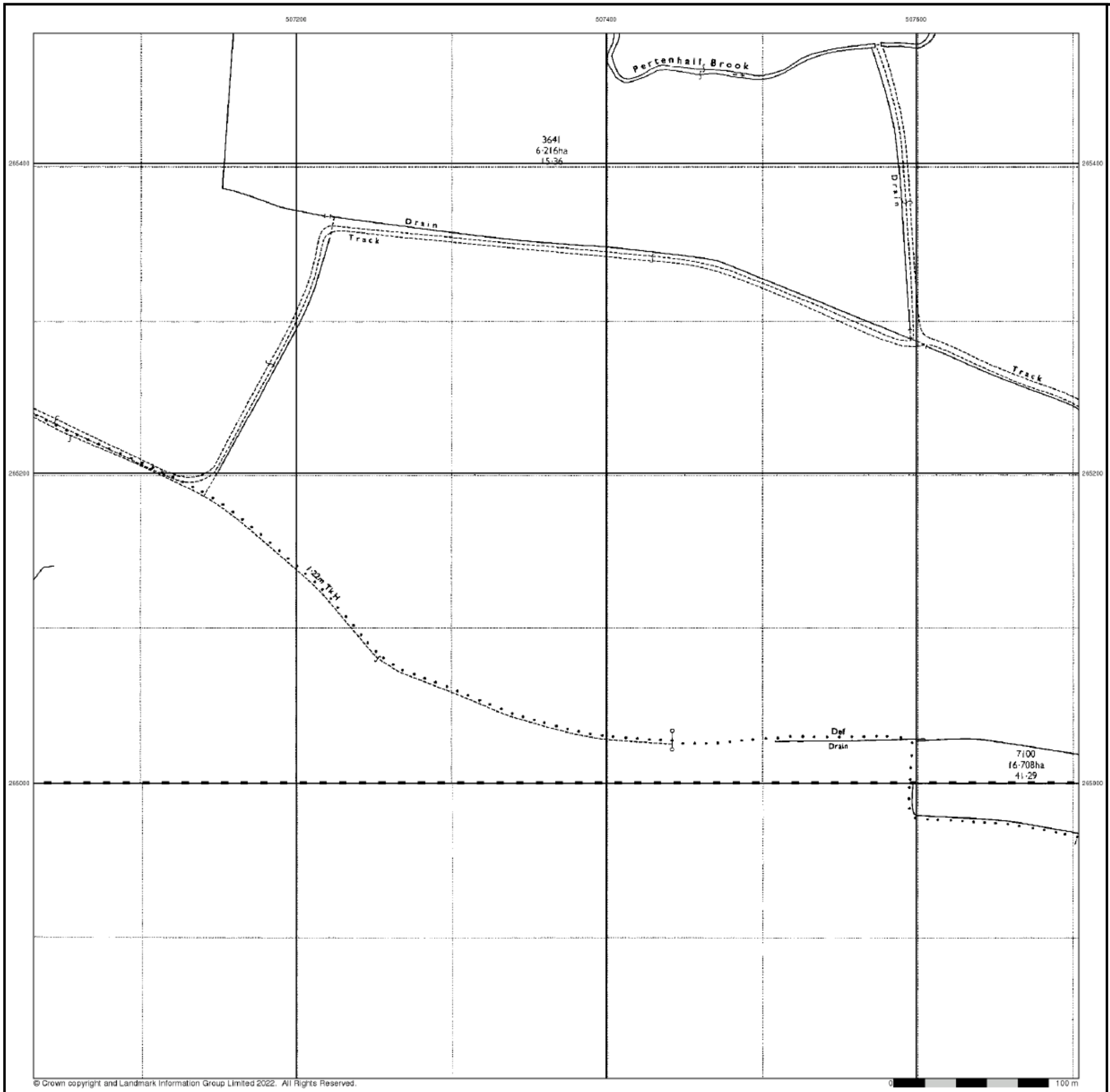

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Ordnance Survey Plan

Published 1979 - 1980

Source map scale - 1:2,500

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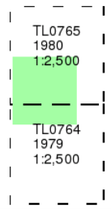
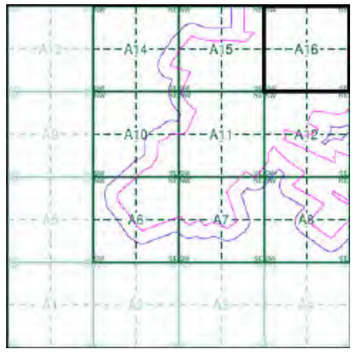
Map Name(s) and Date(s)



Historical Map - Segment A16



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
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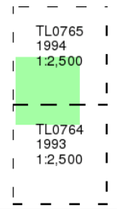
Large-Scale National Grid Data

Published 1993 - 1994

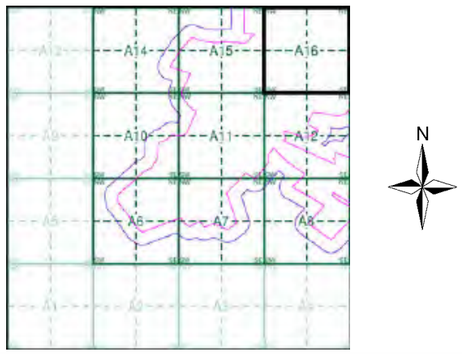
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A16



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

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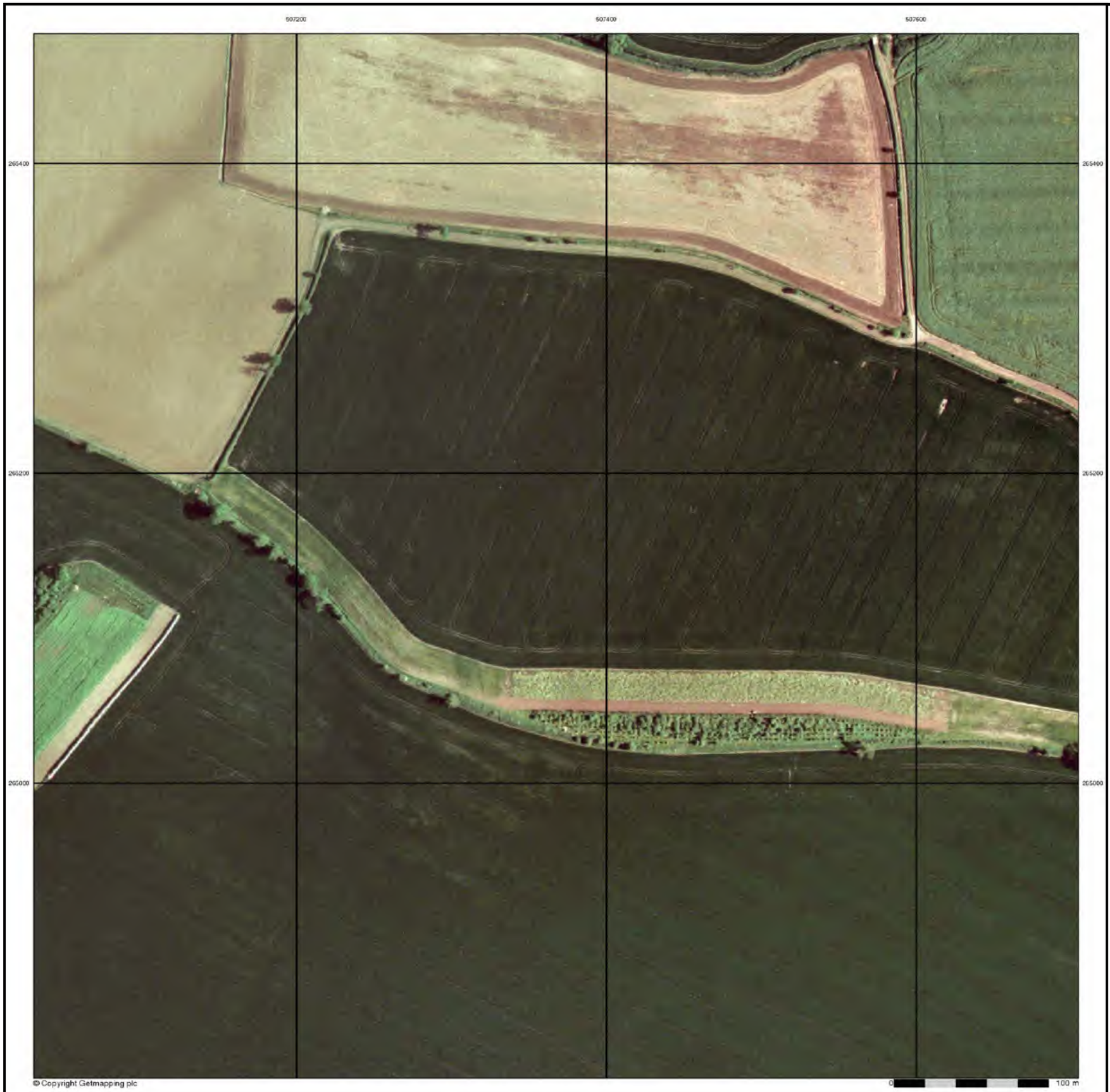
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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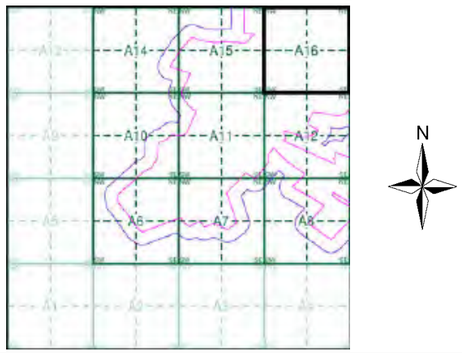
Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A16

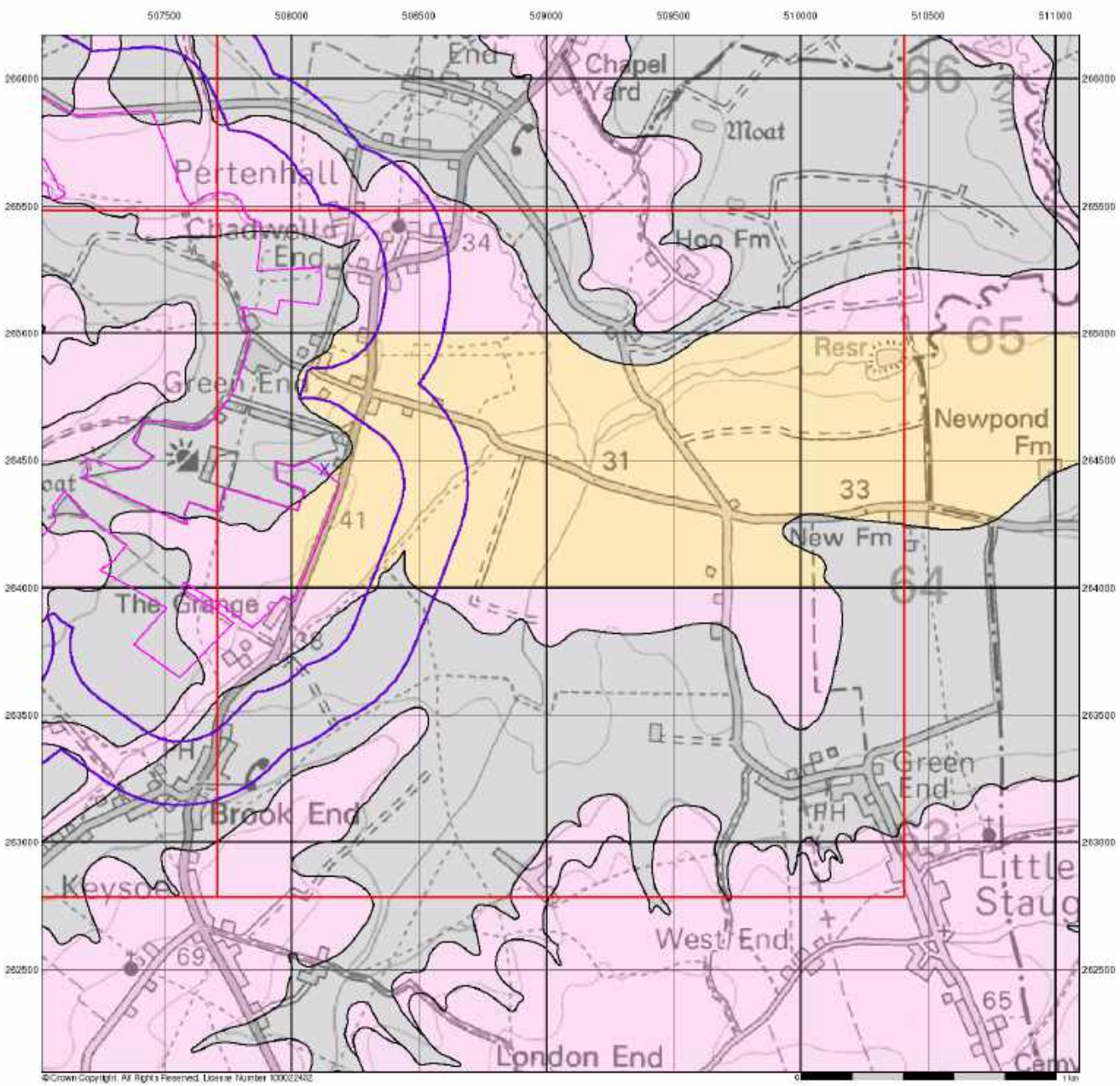


Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	506670, 264320
Slice:	A
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A



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LANDMARK INFORMATION GROUP

Groundwater Vulnerability

General

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

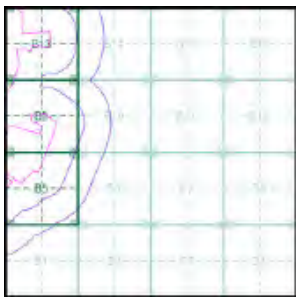
Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice B



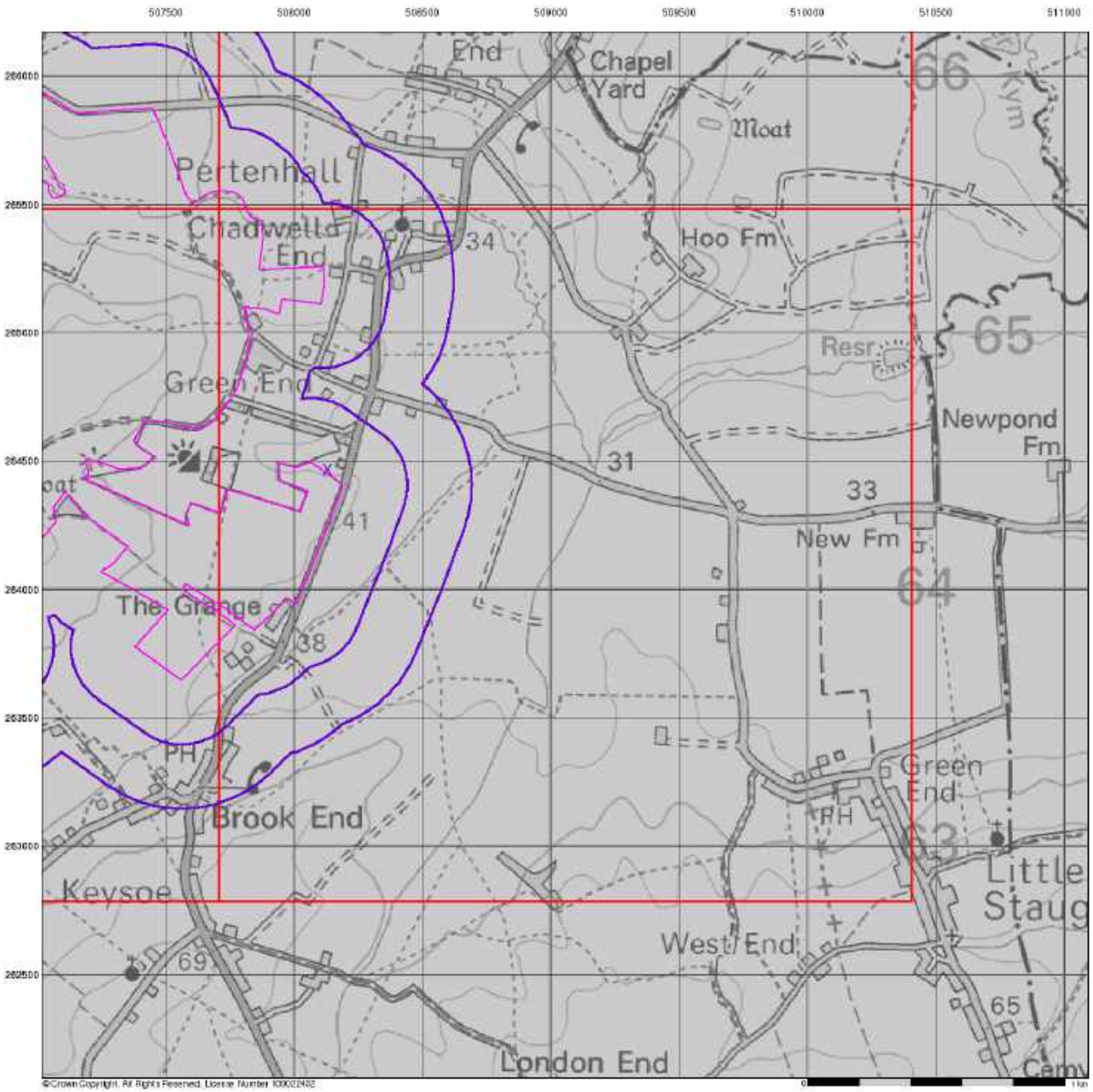
Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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



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Bedrock Aquifer Designation

General

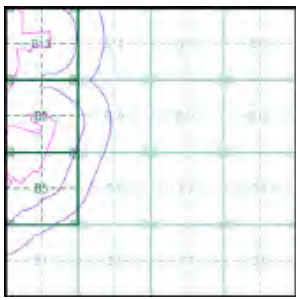
Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice B



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Order Details

Order Number:	299346790_1_1
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National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

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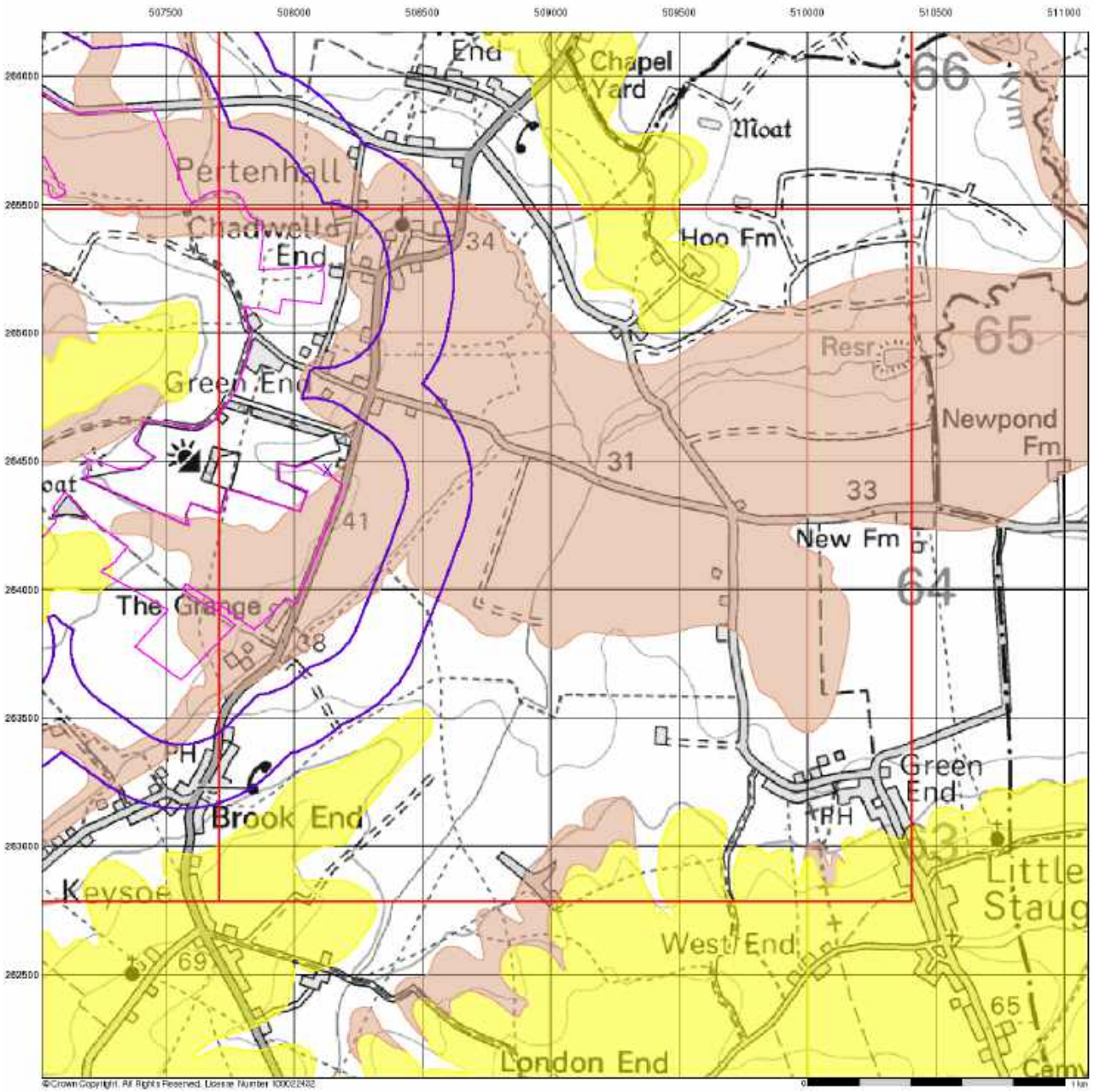


Envirocheck

LANDMARK INFORMATION GROUP

Superficial Aquifer Designation

General

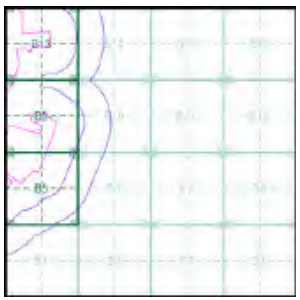
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice B



N

Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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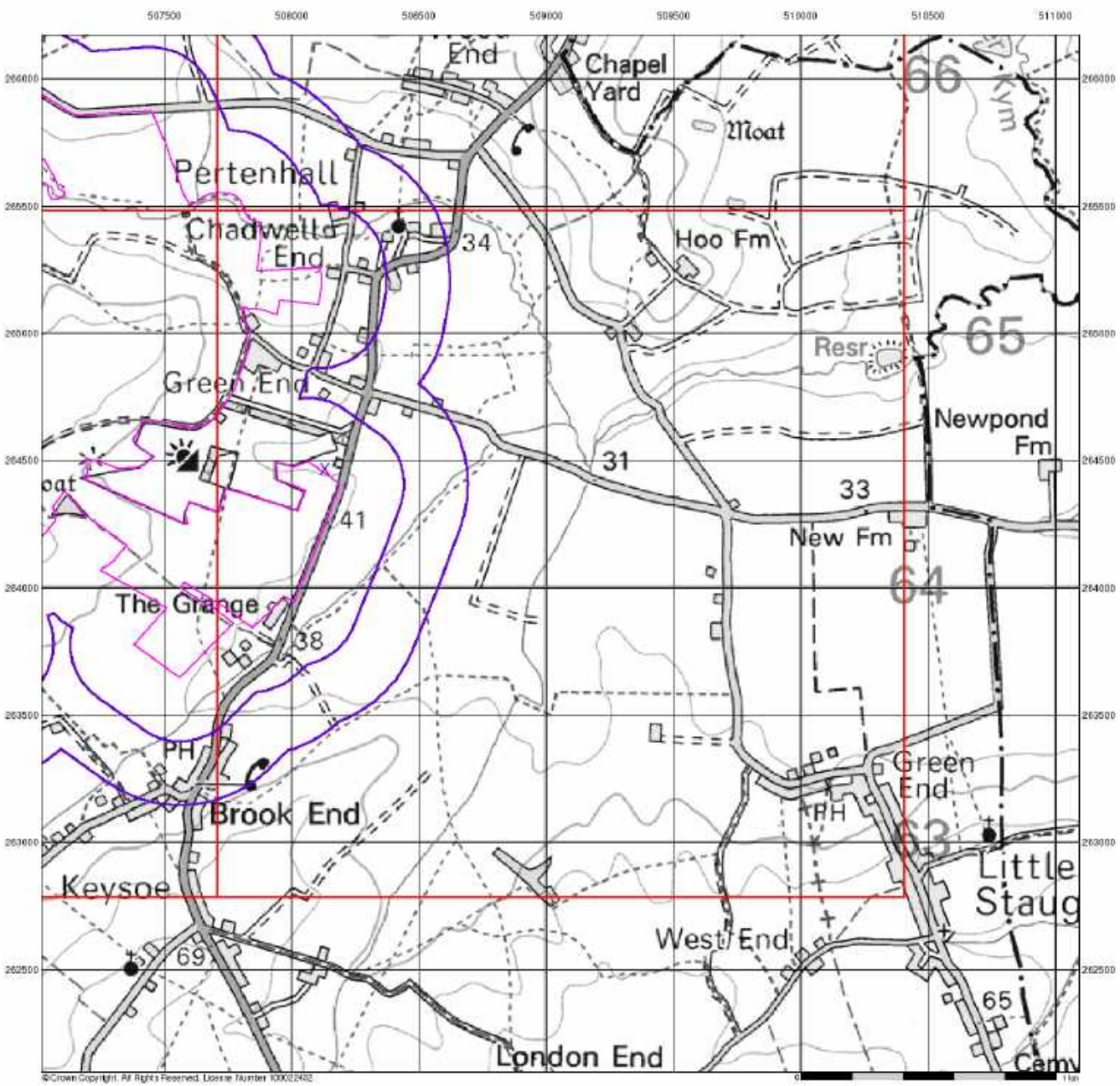

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Source Protection Zones

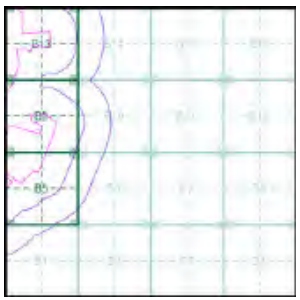
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice B



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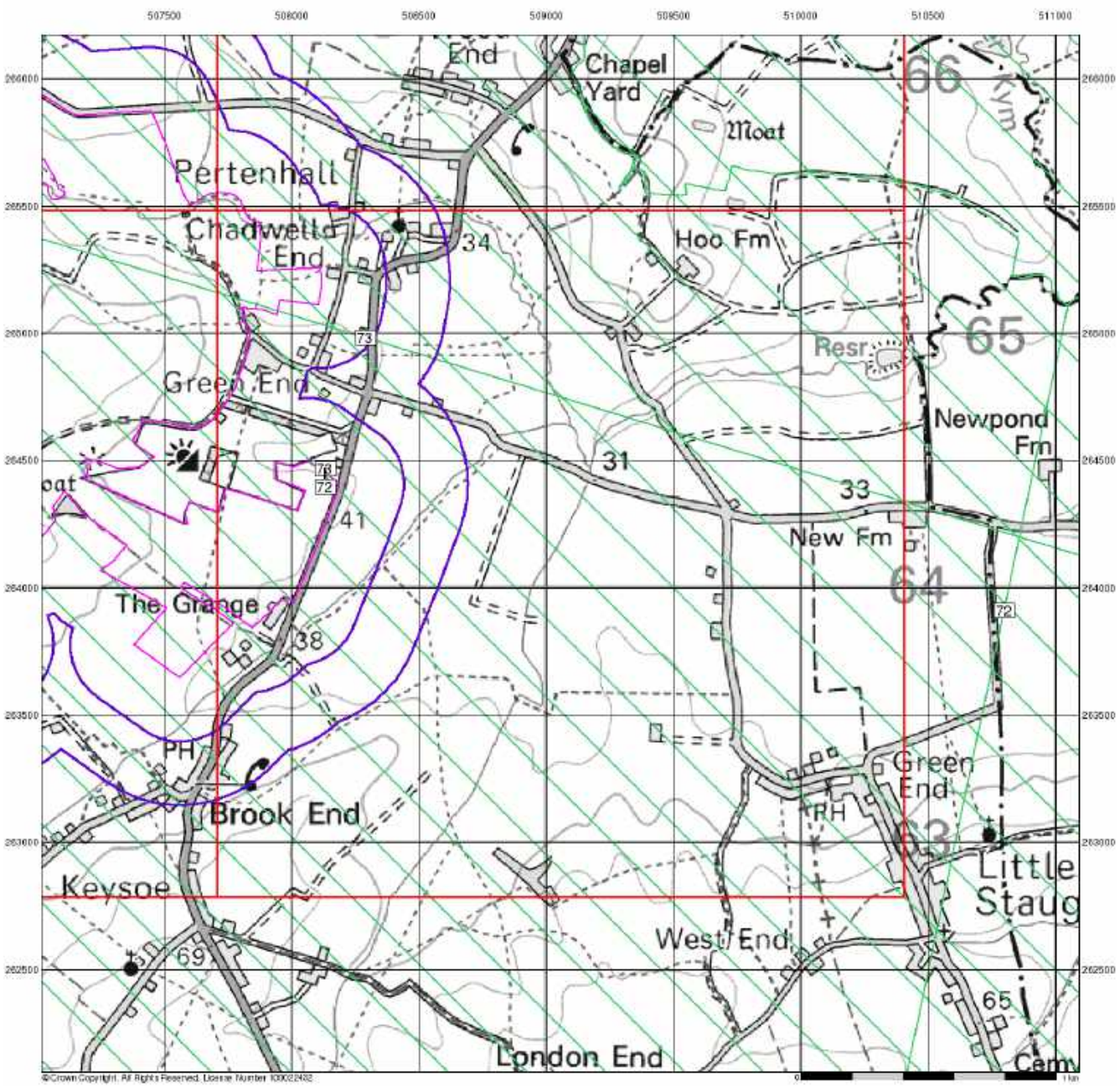

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Sensitive Land Uses

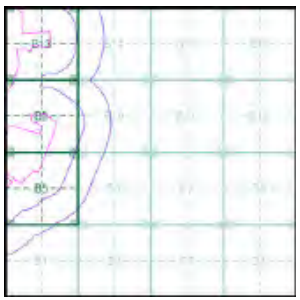
General

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

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice B



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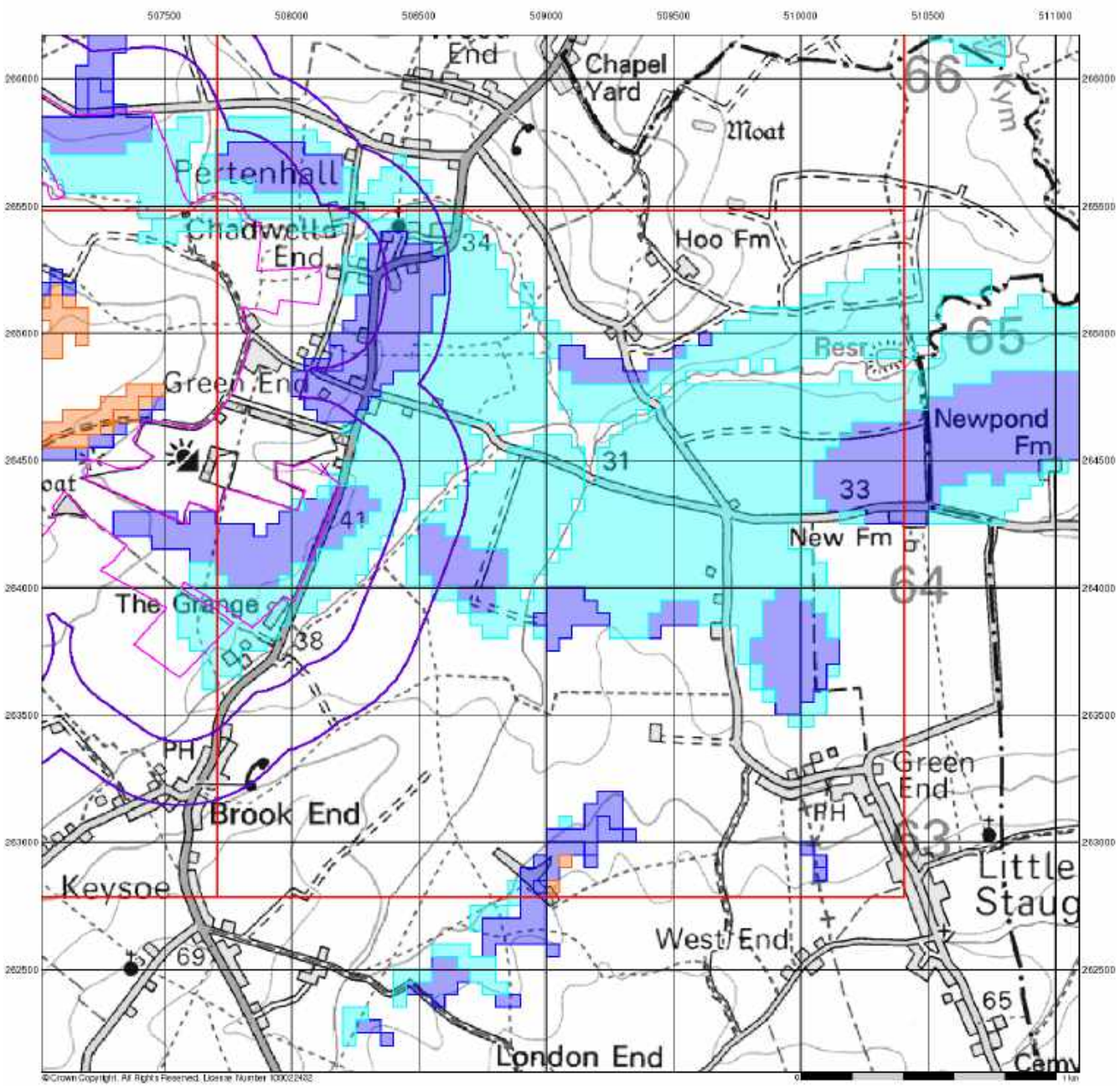

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BGS Flood GFS Data

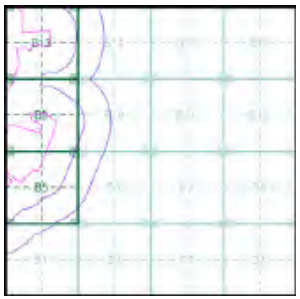
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice B



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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

Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay and Silt	Not Supplied - Holocene
	ODT	Oadby Member	Diamicton	Not Supplied - Anglian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	OXC	Oxford Clay Formation	Mudstone	Not Supplied - Callovian

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Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**186**
Map Name:	**Wellingborough**
Map Date:	**2007**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice B

Order Details:

Order Number:	299346790_1_1
Customer Reference:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details:

Area A

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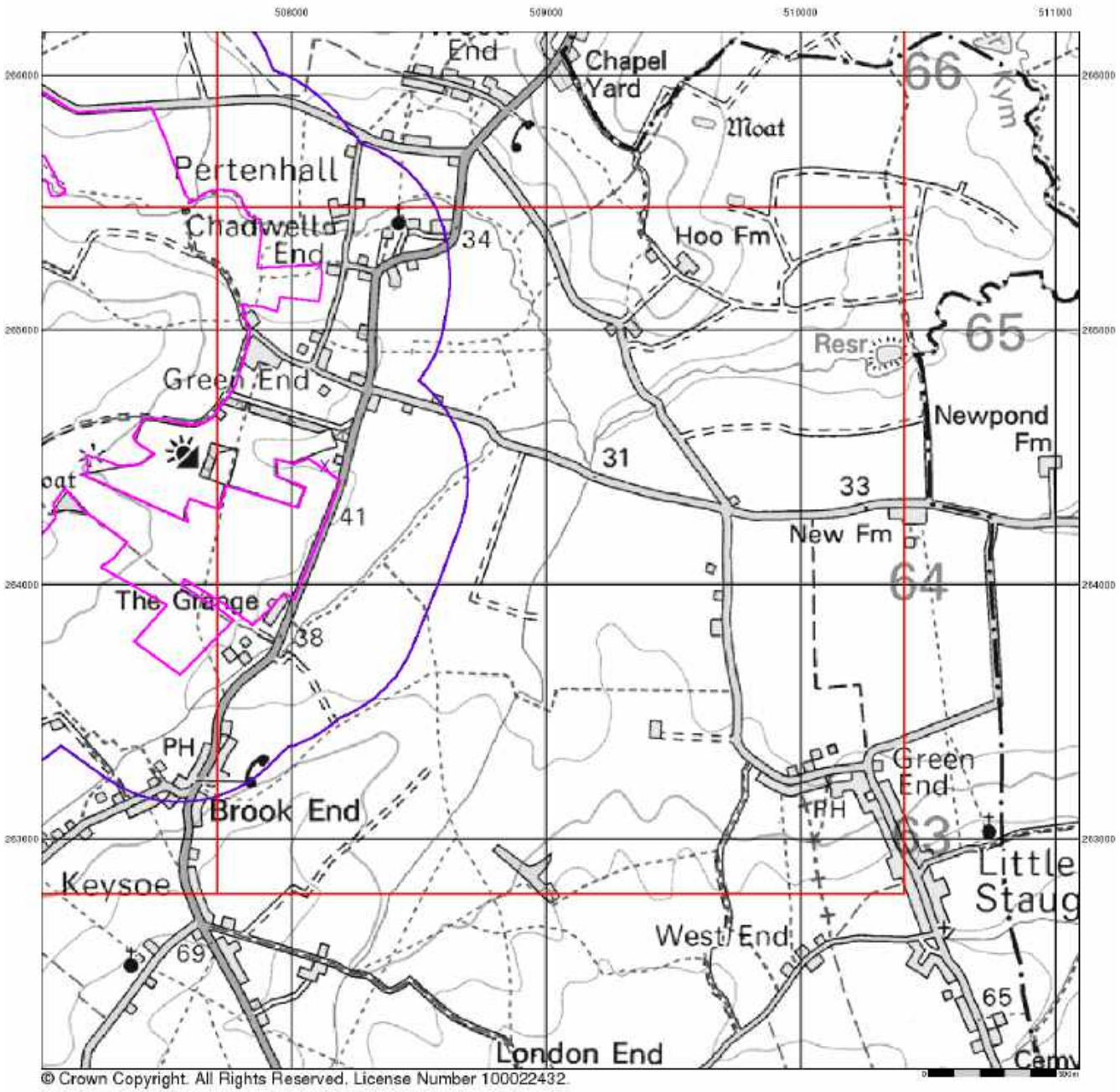

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Artificial Ground and Landslip

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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice B

Order Details:

Order Number:	299346790_1_1
Customer Reference:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details:

Area A

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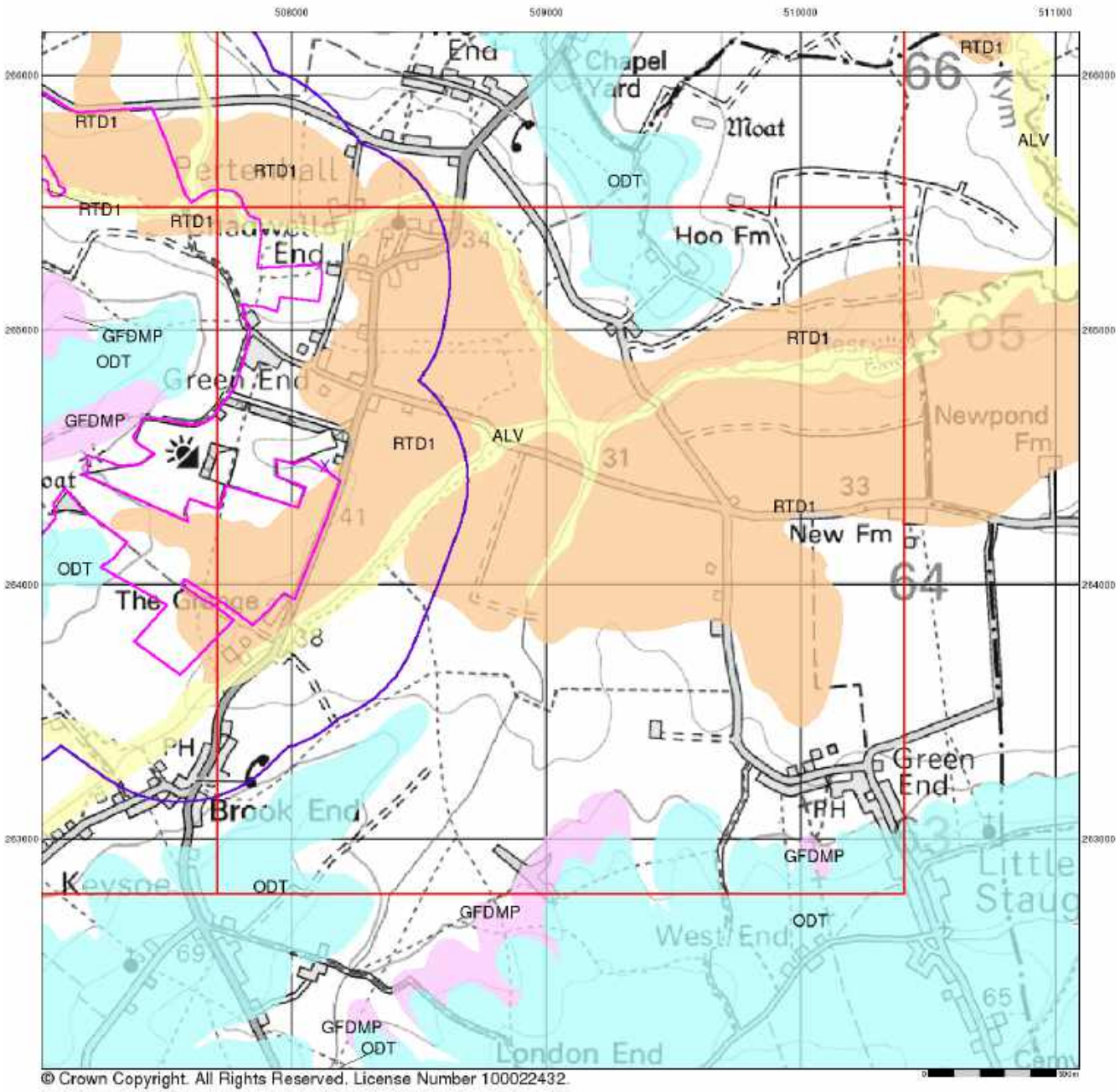

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Superficial Geology

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

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

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

Superficial Geology Map - Slice B

Order Details:

Order Number:	299346790_1_1
Customer Reference:	R3035
National Grid Reference:	508130, 264470
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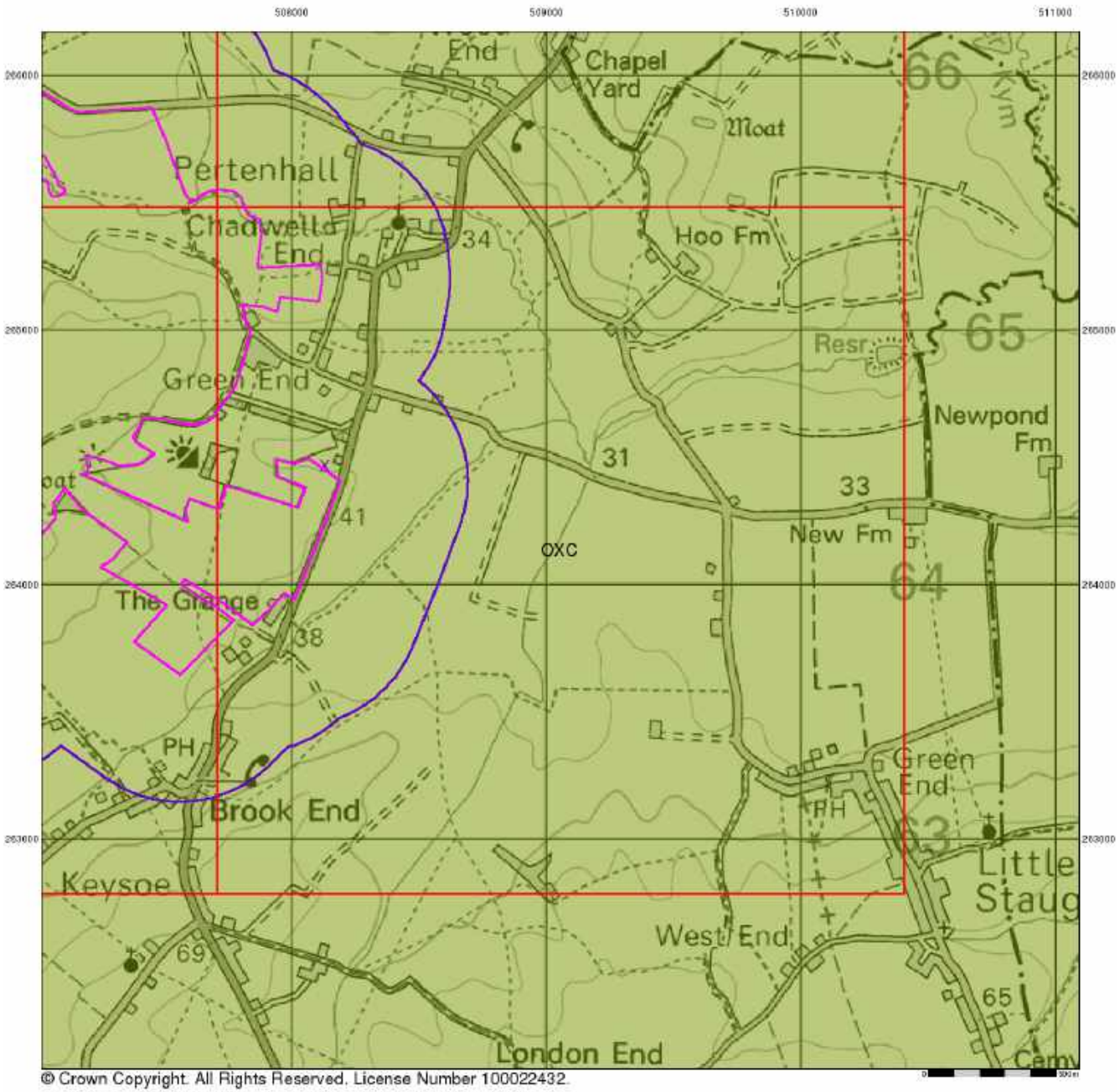

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Bedrock and Faults

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

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

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

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

Bedrock and Faults Map - Slice B

Order Details:

Order Number:	299346790_1_1
Customer Reference:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details:

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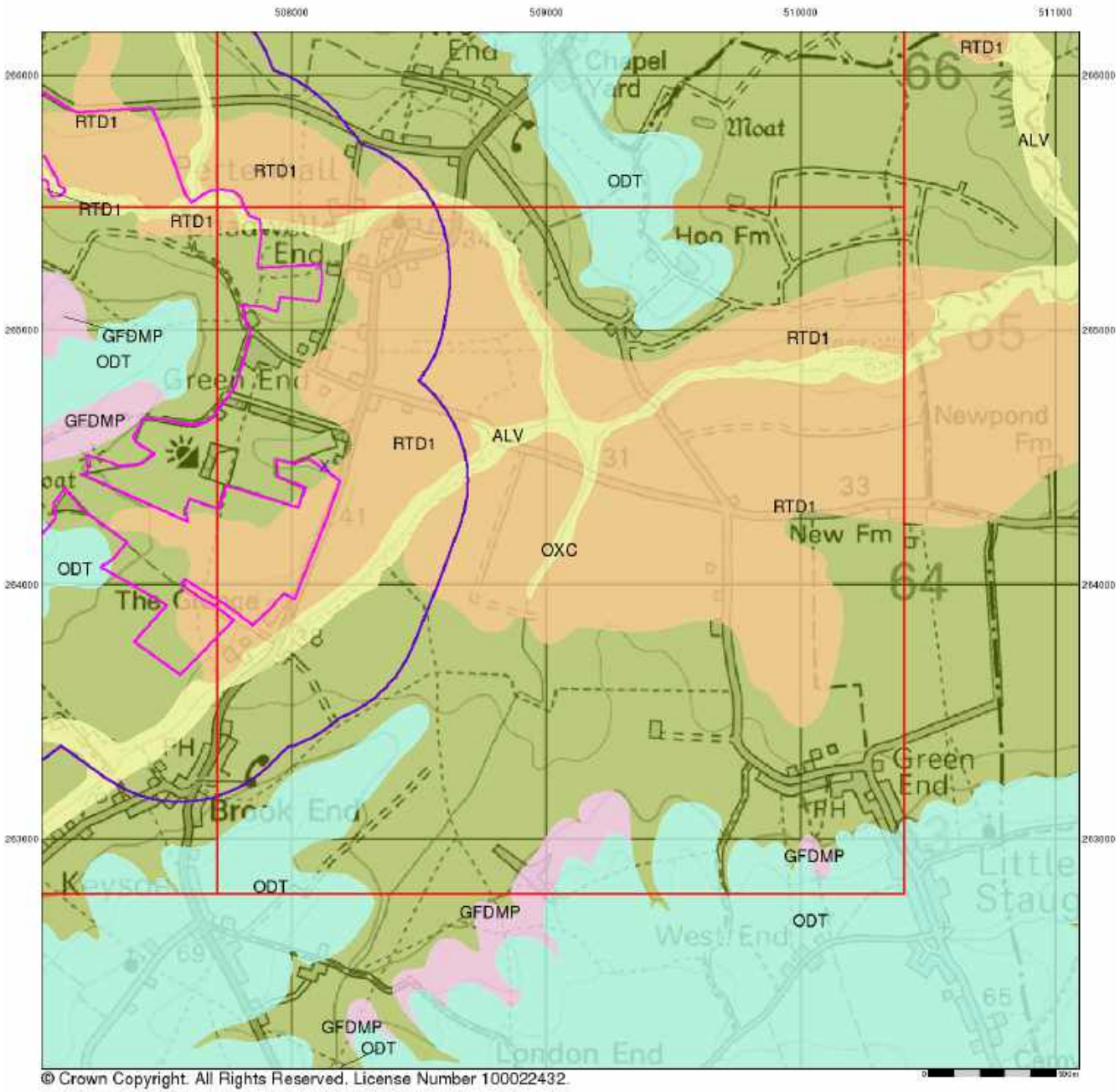

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Combined Surface Geology

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

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

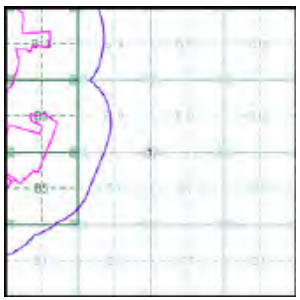
Additional Information

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

Contact

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

Combined Geology Map - Slice B

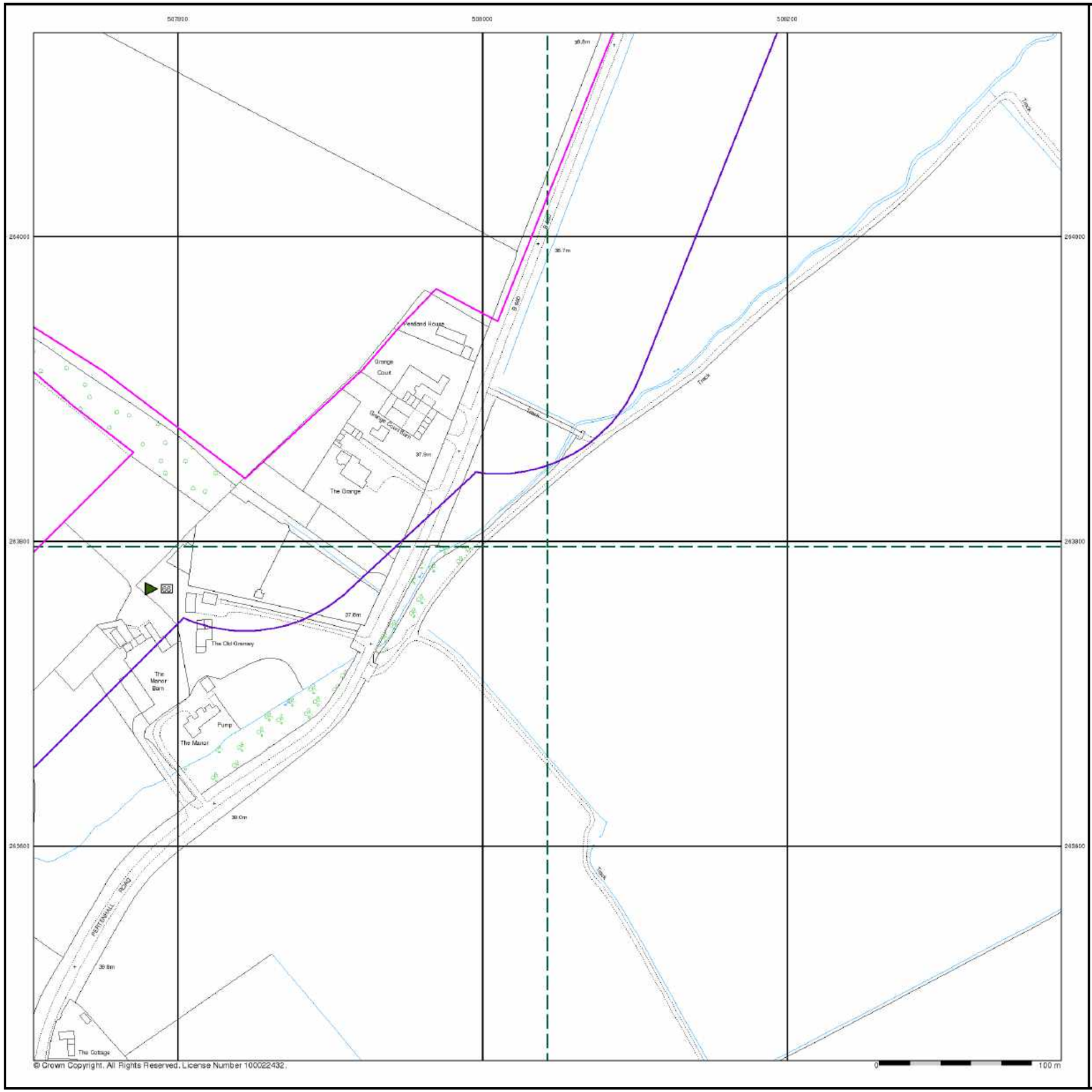


Order Details:

Order Number:	299346790_1_1
Customer Reference:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details:

Area A



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LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

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

Hazardous Substances

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

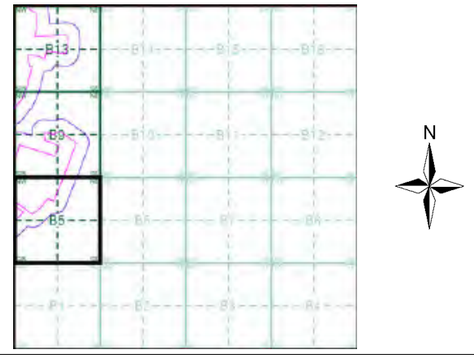
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment B5



Order Details

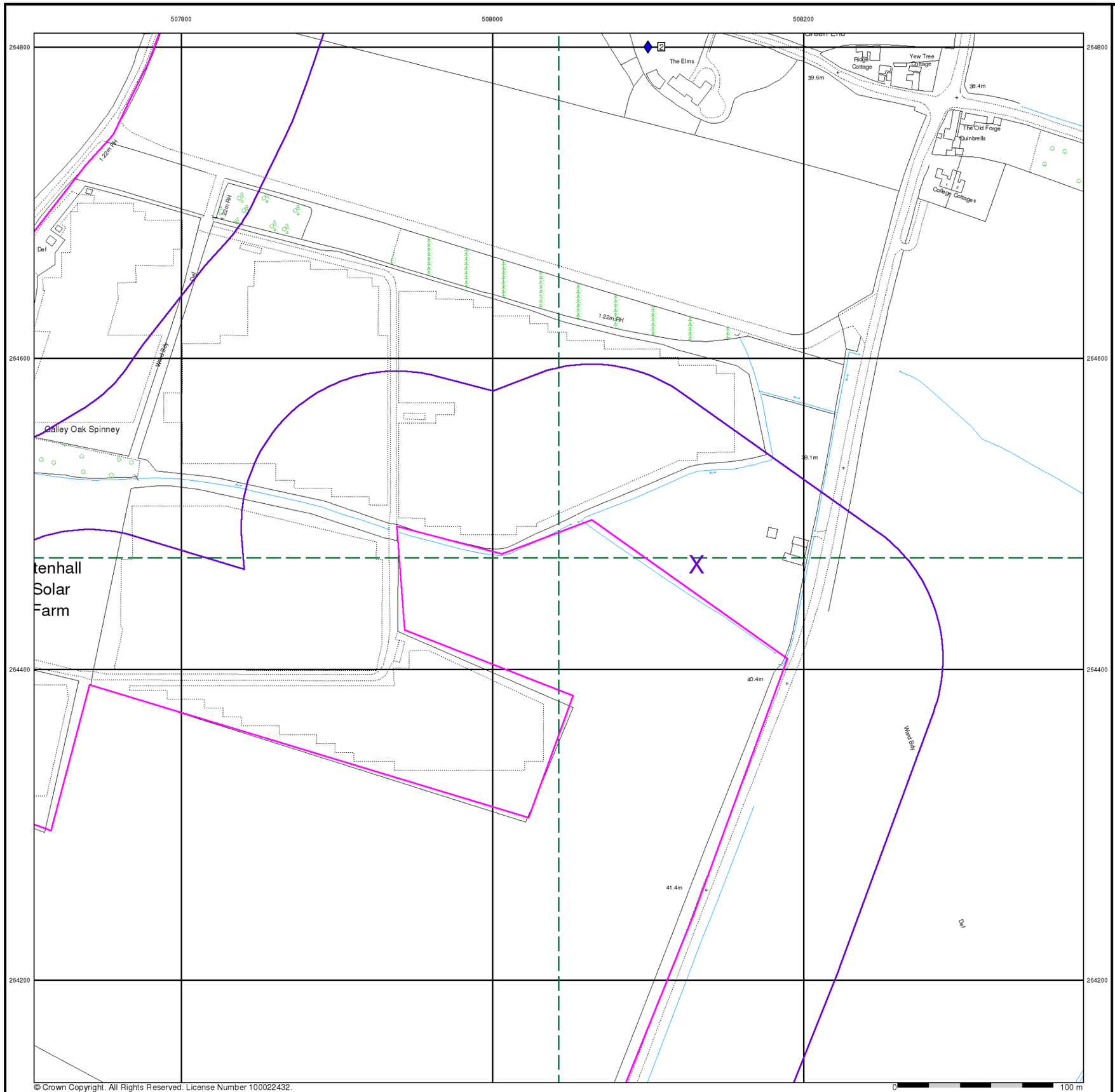
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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



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LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

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

Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
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- Licensed Waste Management Facility (Location)
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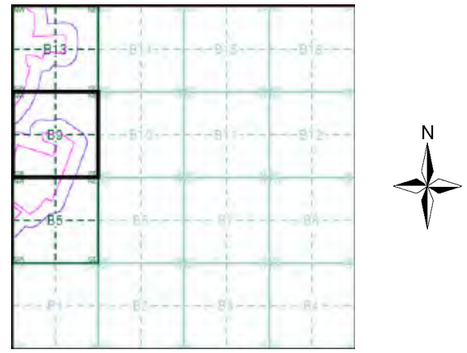
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment B9



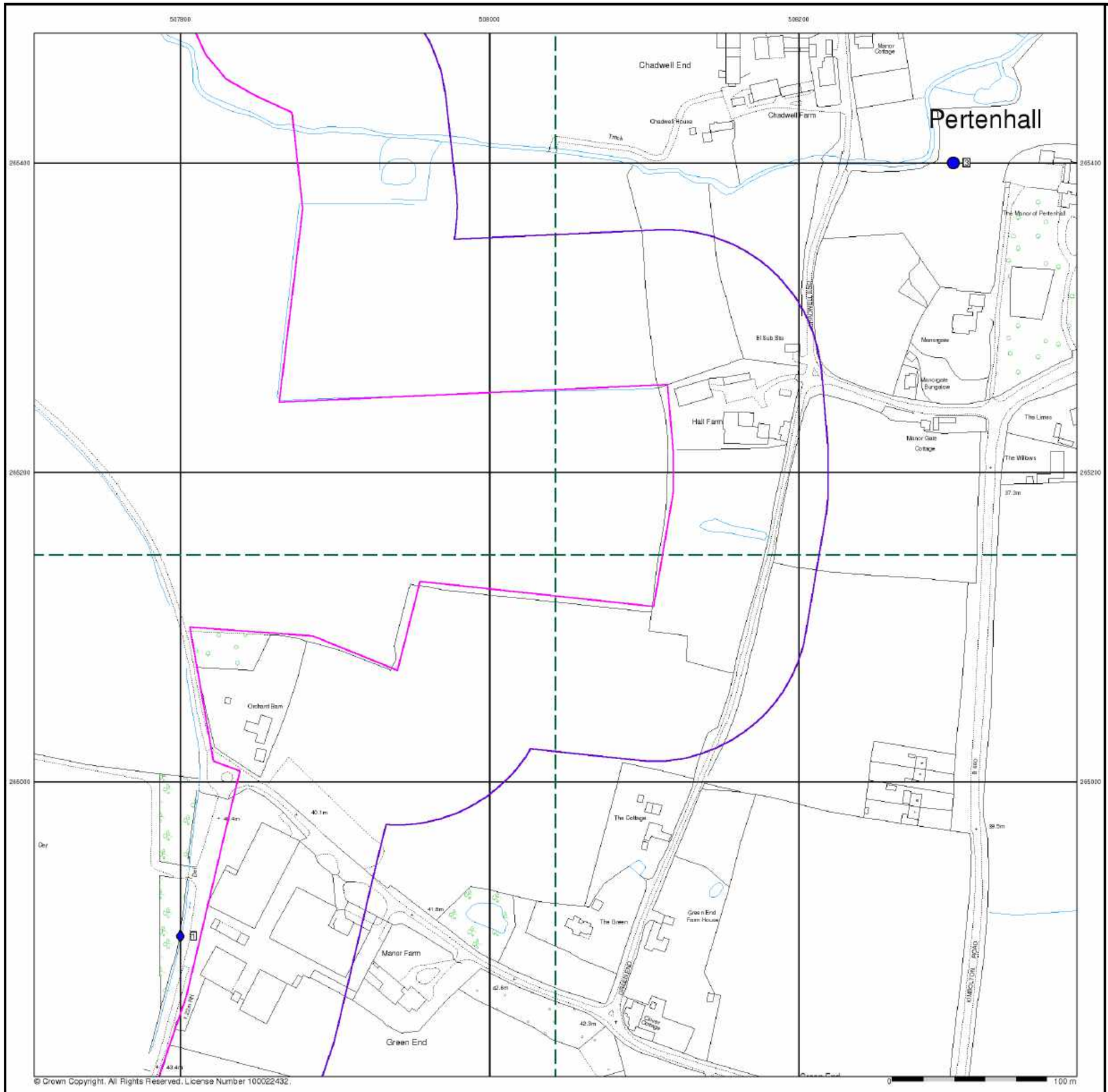
Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

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



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LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

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

Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Waste

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- Potentially Infilled Land (Water)
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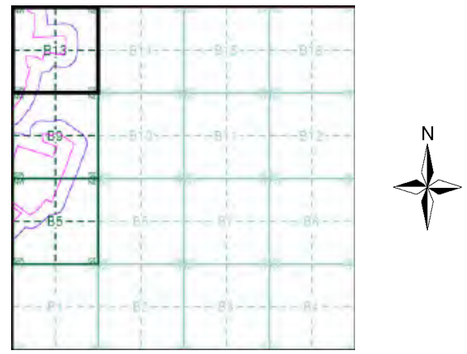
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment B13



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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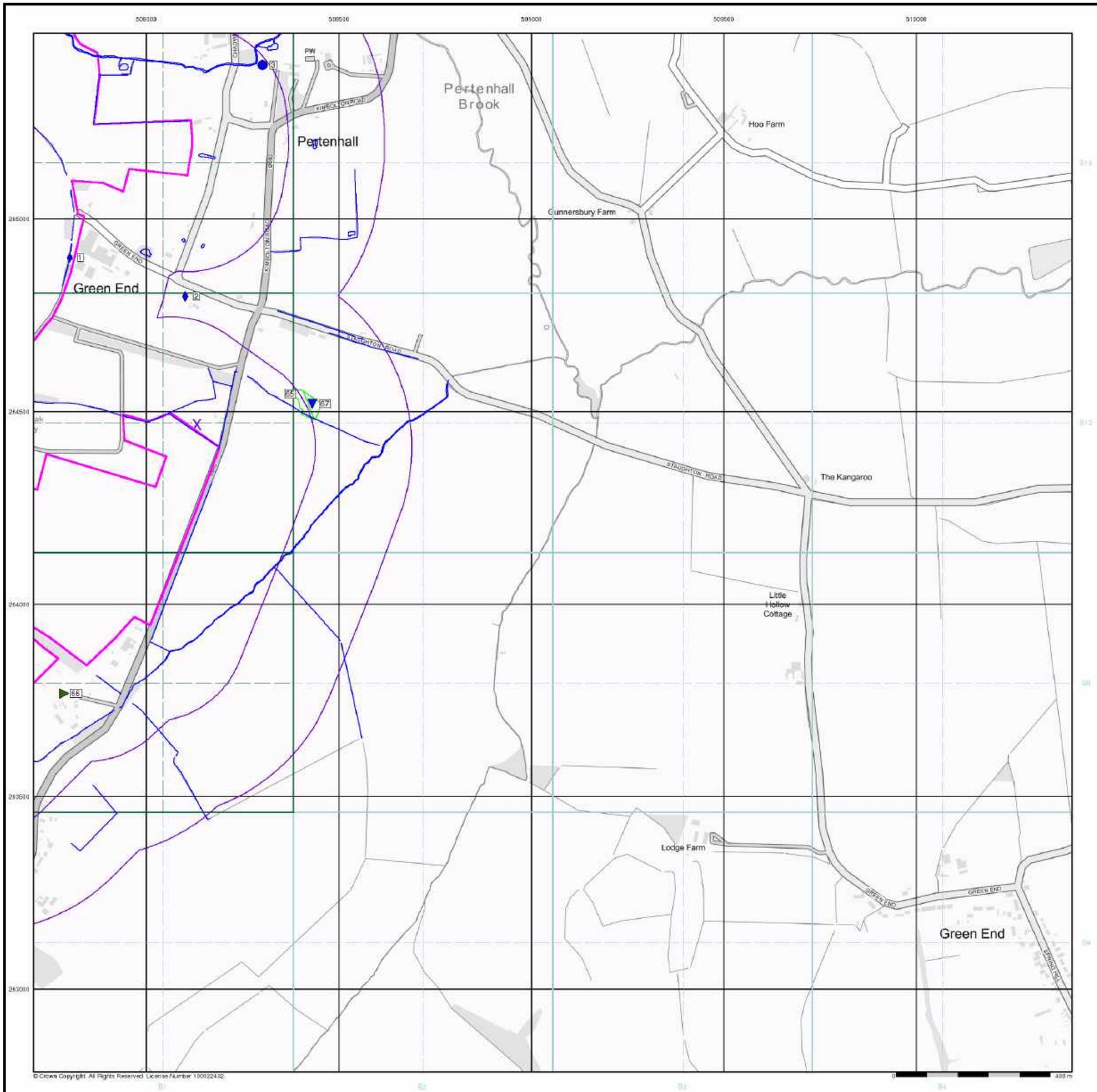
Web: www.envirocheck.co.uk



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LANDMARK INFORMATION GROUP®

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID

Several of Type at Location

Agency and Hydrological

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

Hazardous Substances

COMAH Site | Explosive Site

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

Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
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- Registered Landfill Site (Location)
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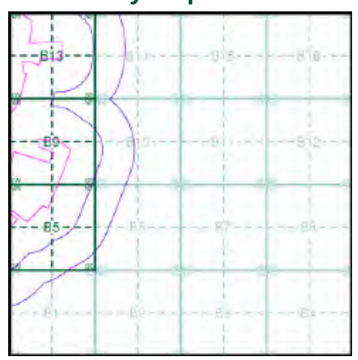
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice B



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Search Buffer (m):	500

Site Details

Area A

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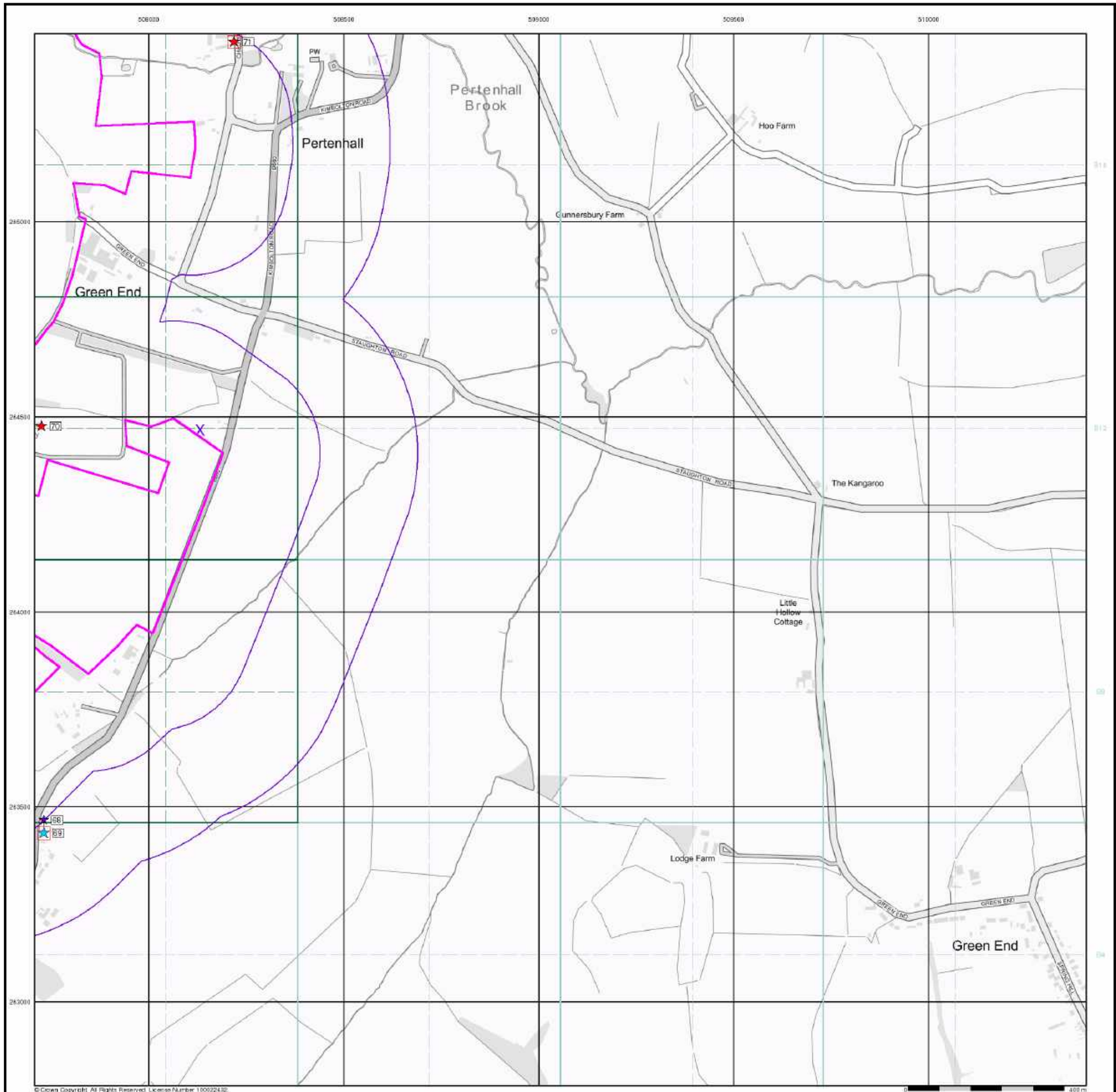

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Industrial Land Use Map

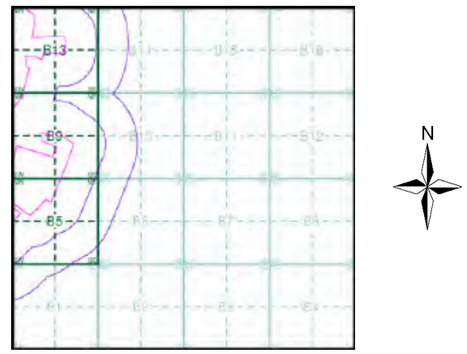
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice B



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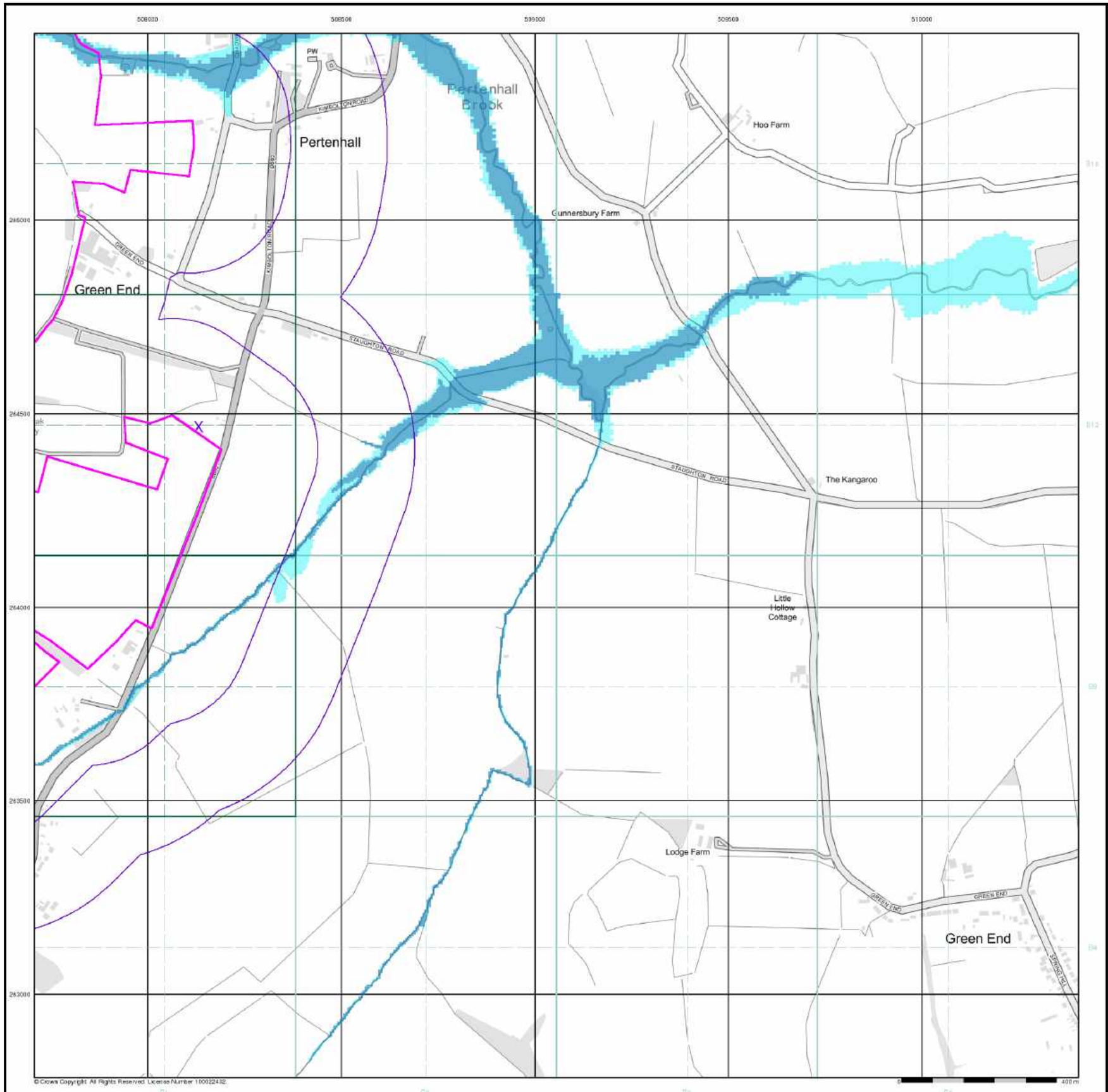
Web: www.envirocheck.co.uk



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Envirocheck®
LANDMARK INFORMATION GROUP®

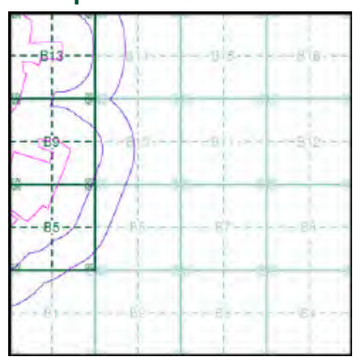
General

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

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice B



Order Details

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Slice:	B
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Search Buffer (m):	500

Site Details

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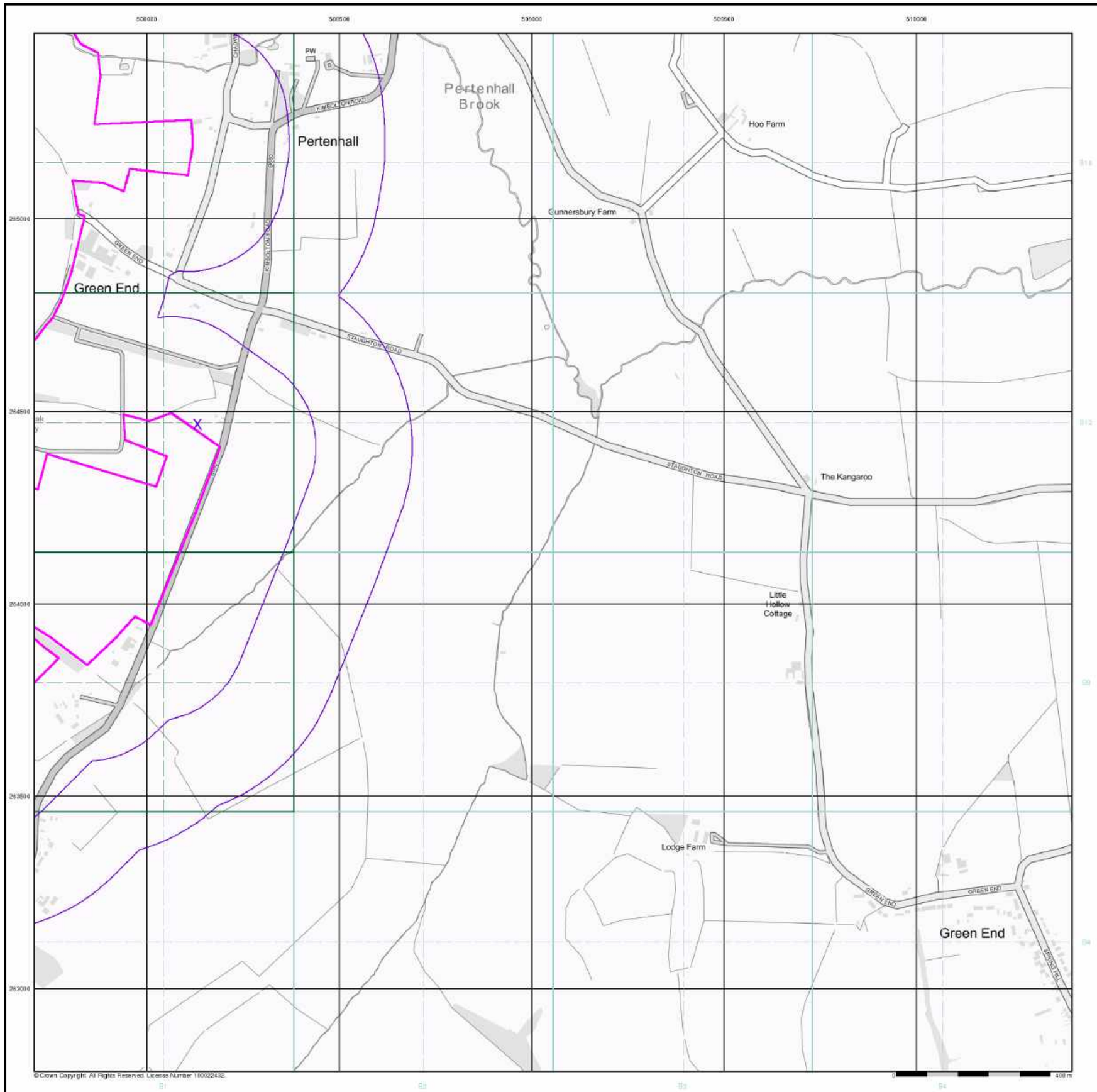
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Envirocheck®

LANDMARK INFORMATION GROUP®

General

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

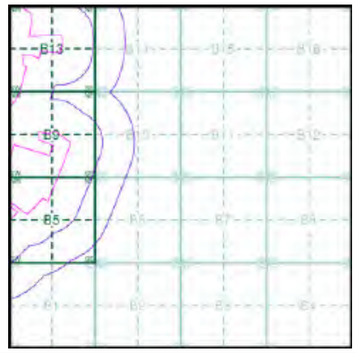
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice B

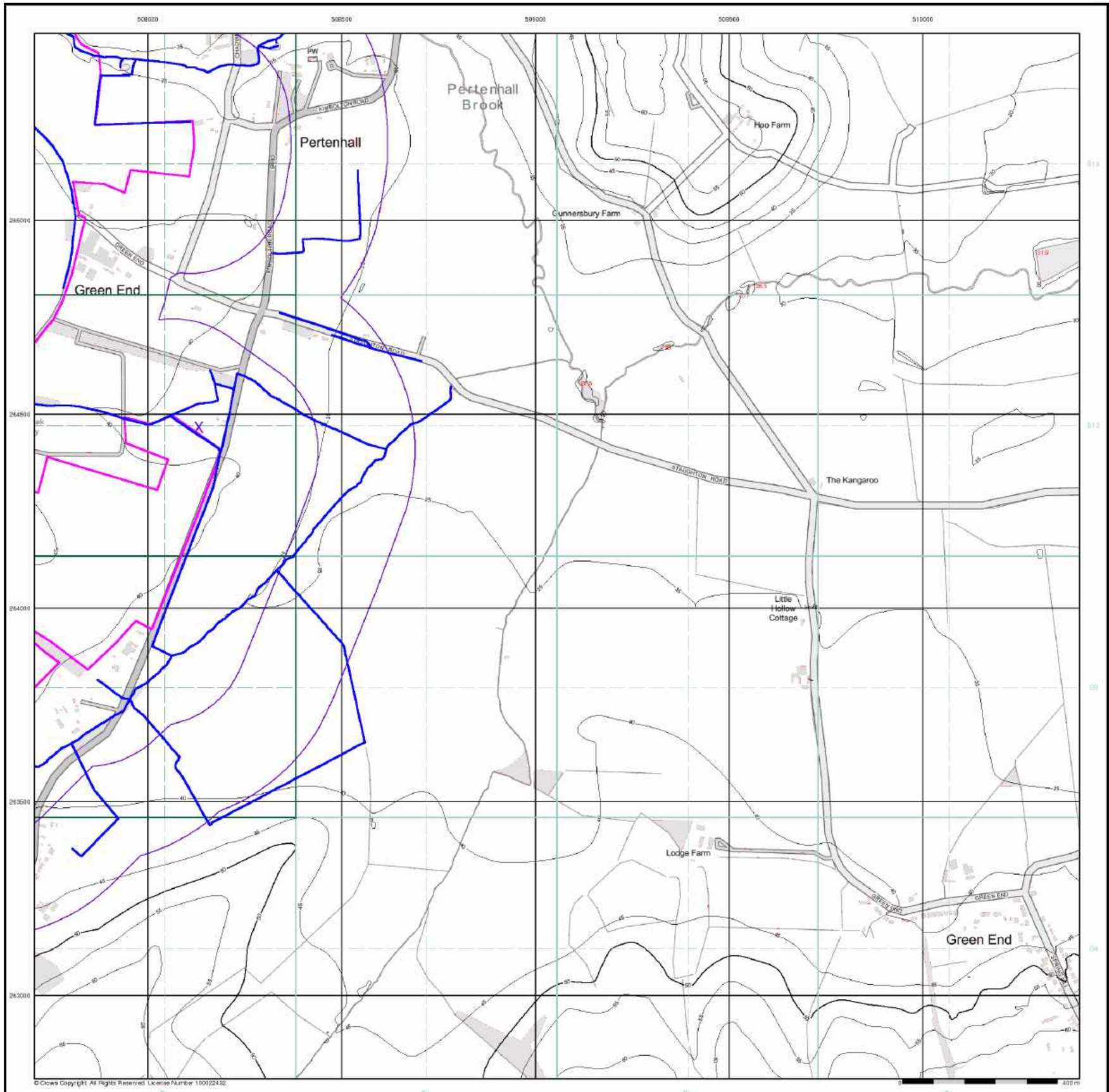


Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A



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General

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

OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

Contours (height in meters)

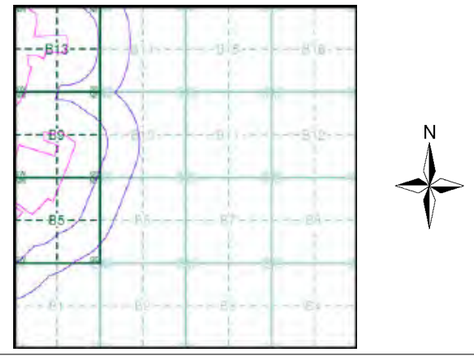
Standard Contour 105 100 95

Master Contour

Spot Height 167.3

- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice B



Order Details

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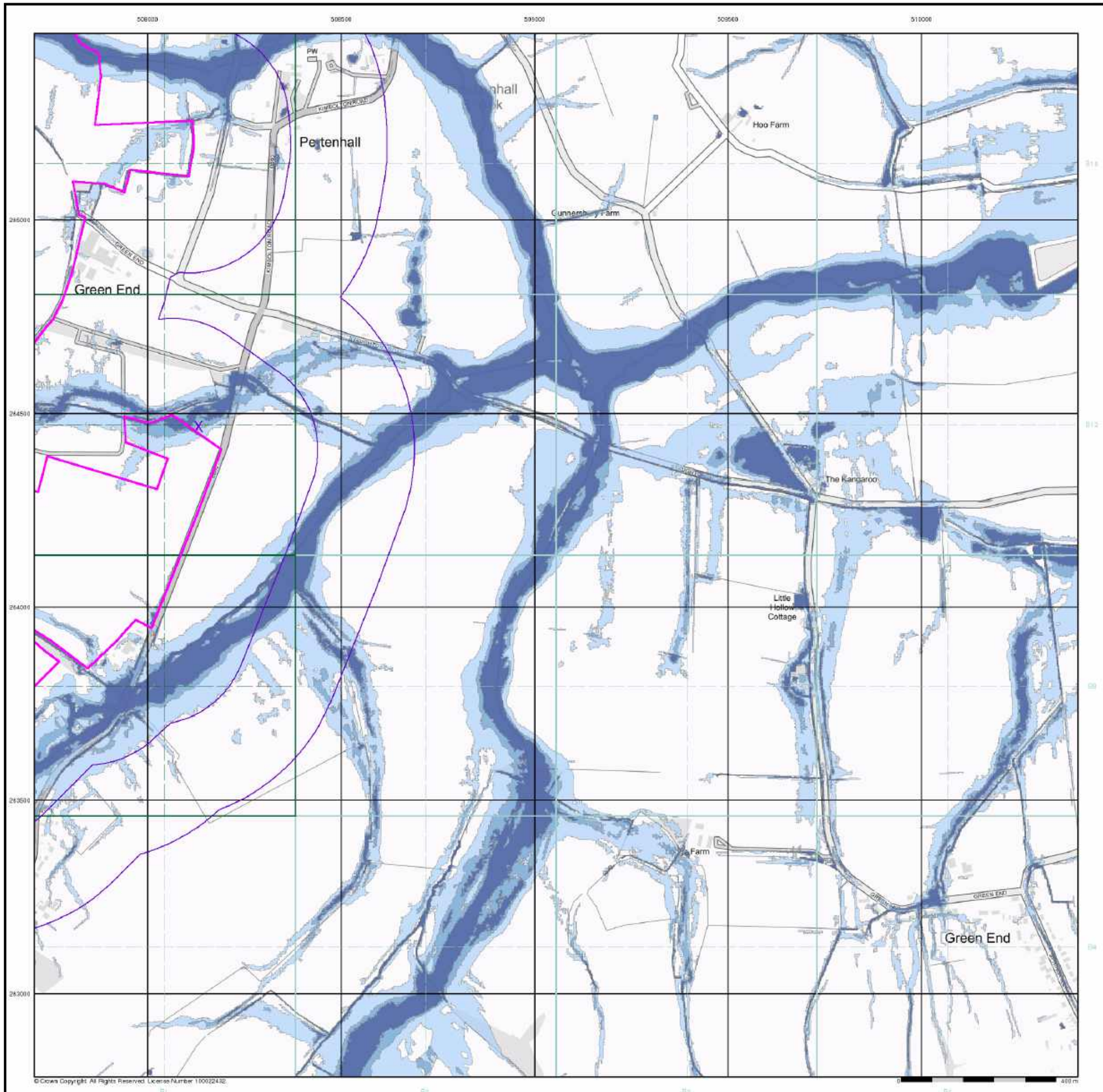
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

Landmark INFORMATION GROUP

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



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General

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

Risk of Flooding from Surface Water

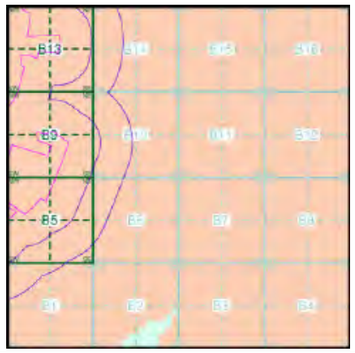
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice B



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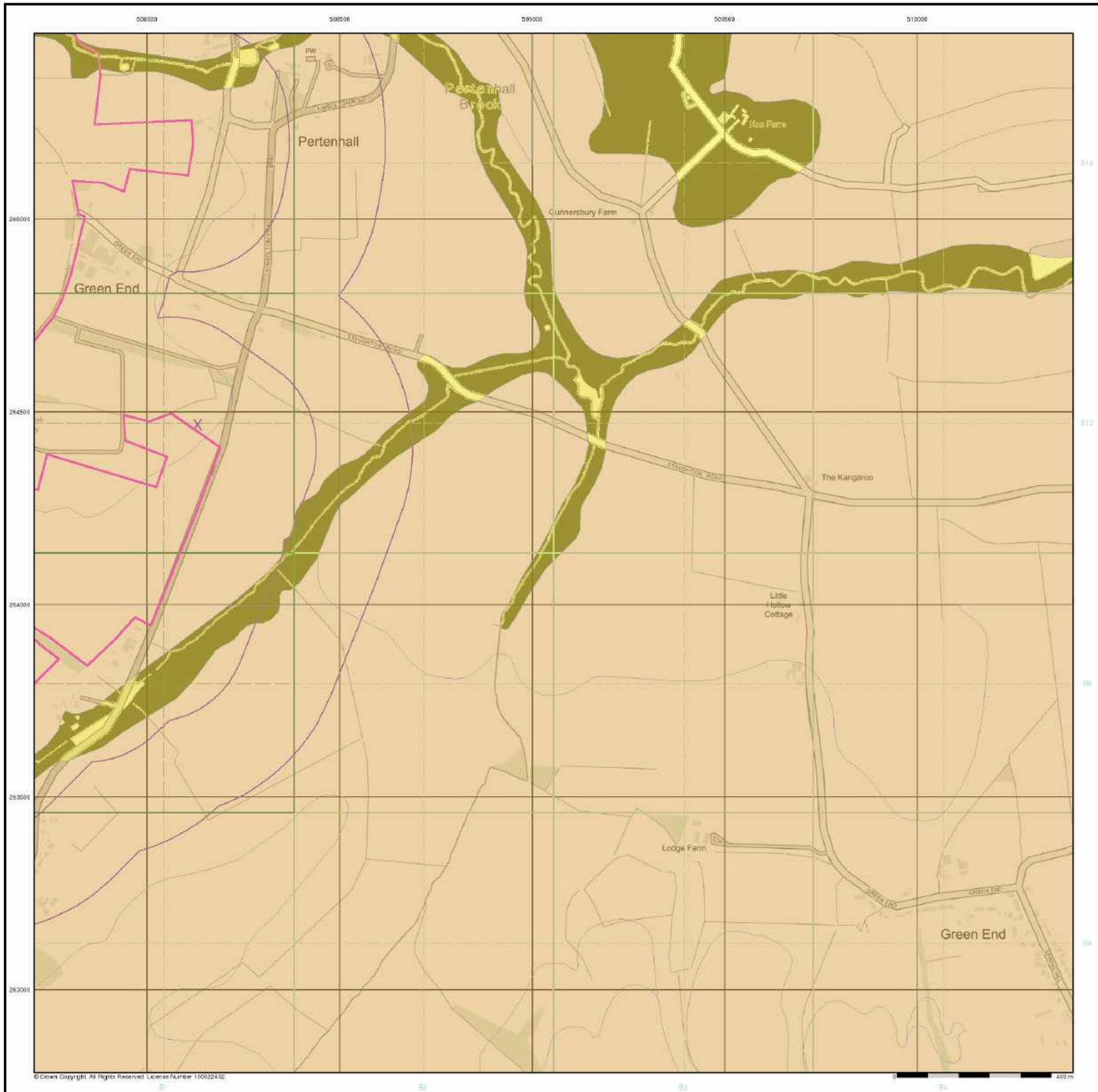

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General

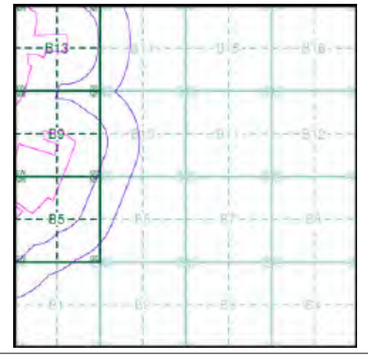
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 80 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice B



Order Details

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Site Details

Area A

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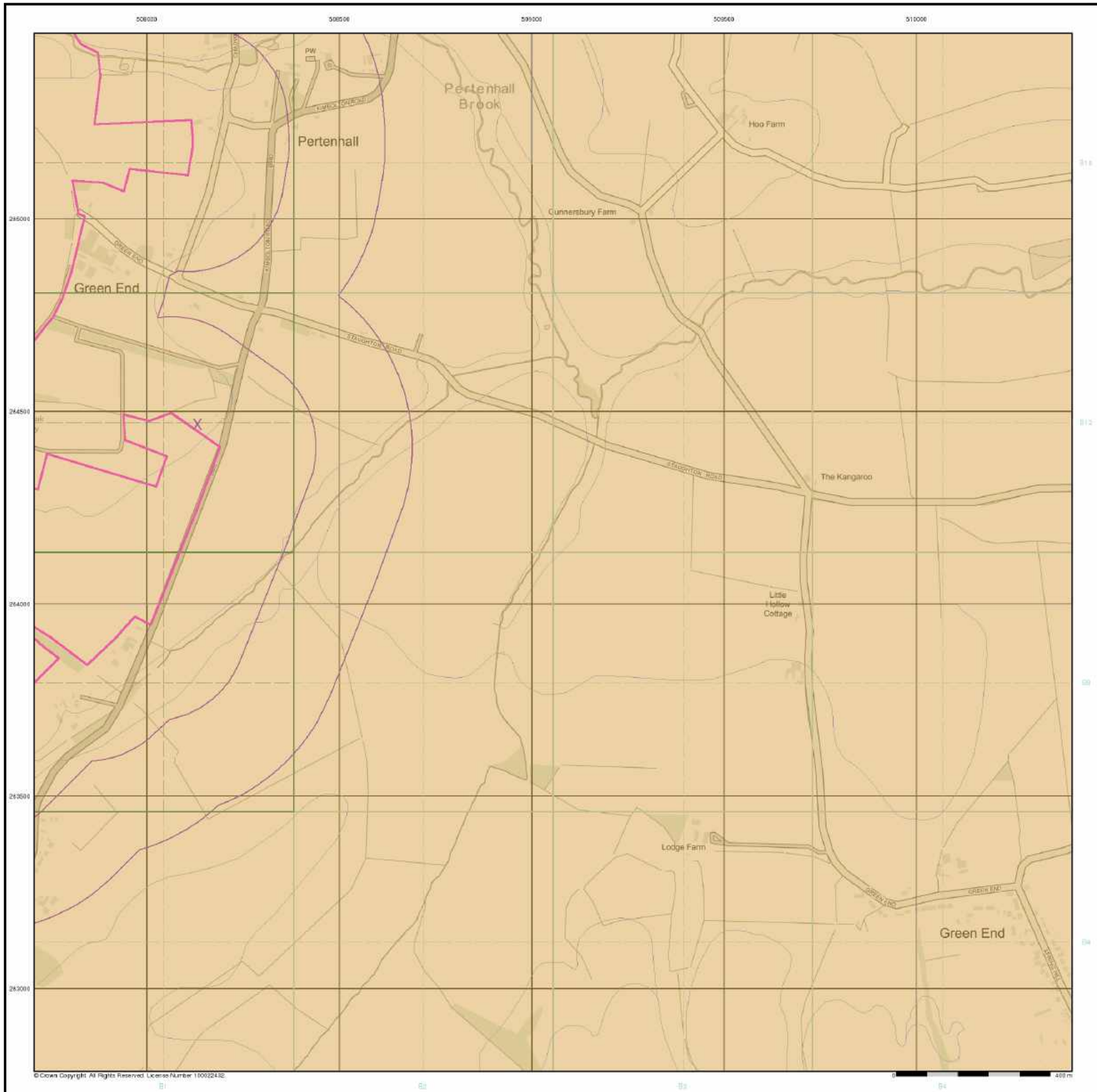
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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General

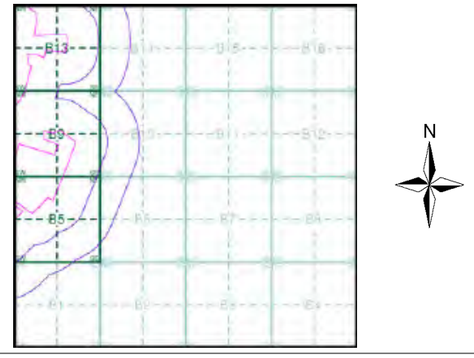
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice B

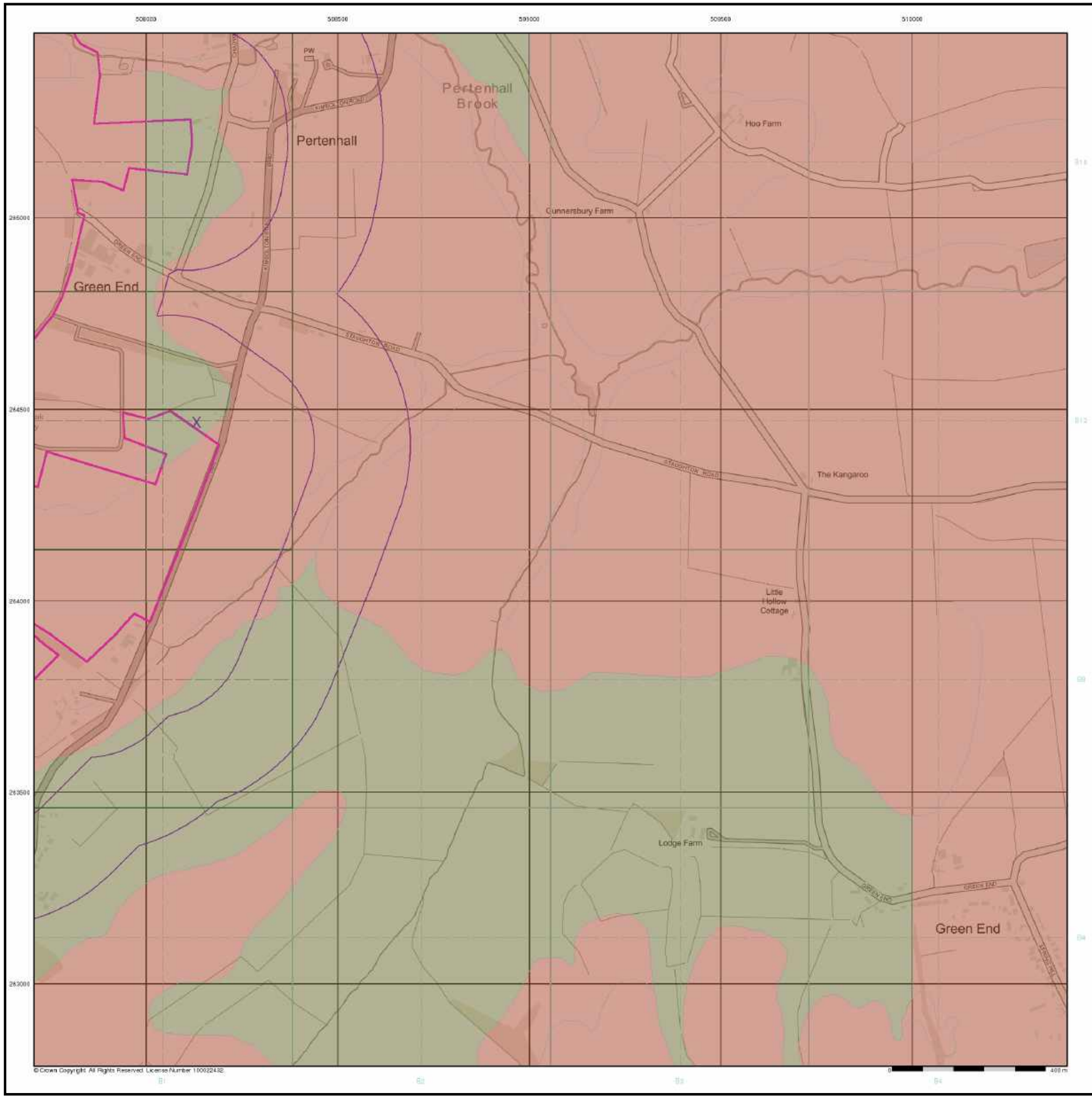


Order Details

Order Details:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A



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General

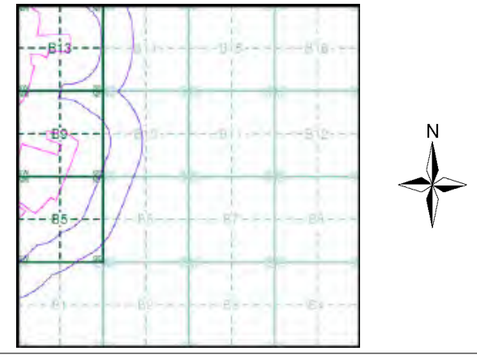
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice B



Order Details

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Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
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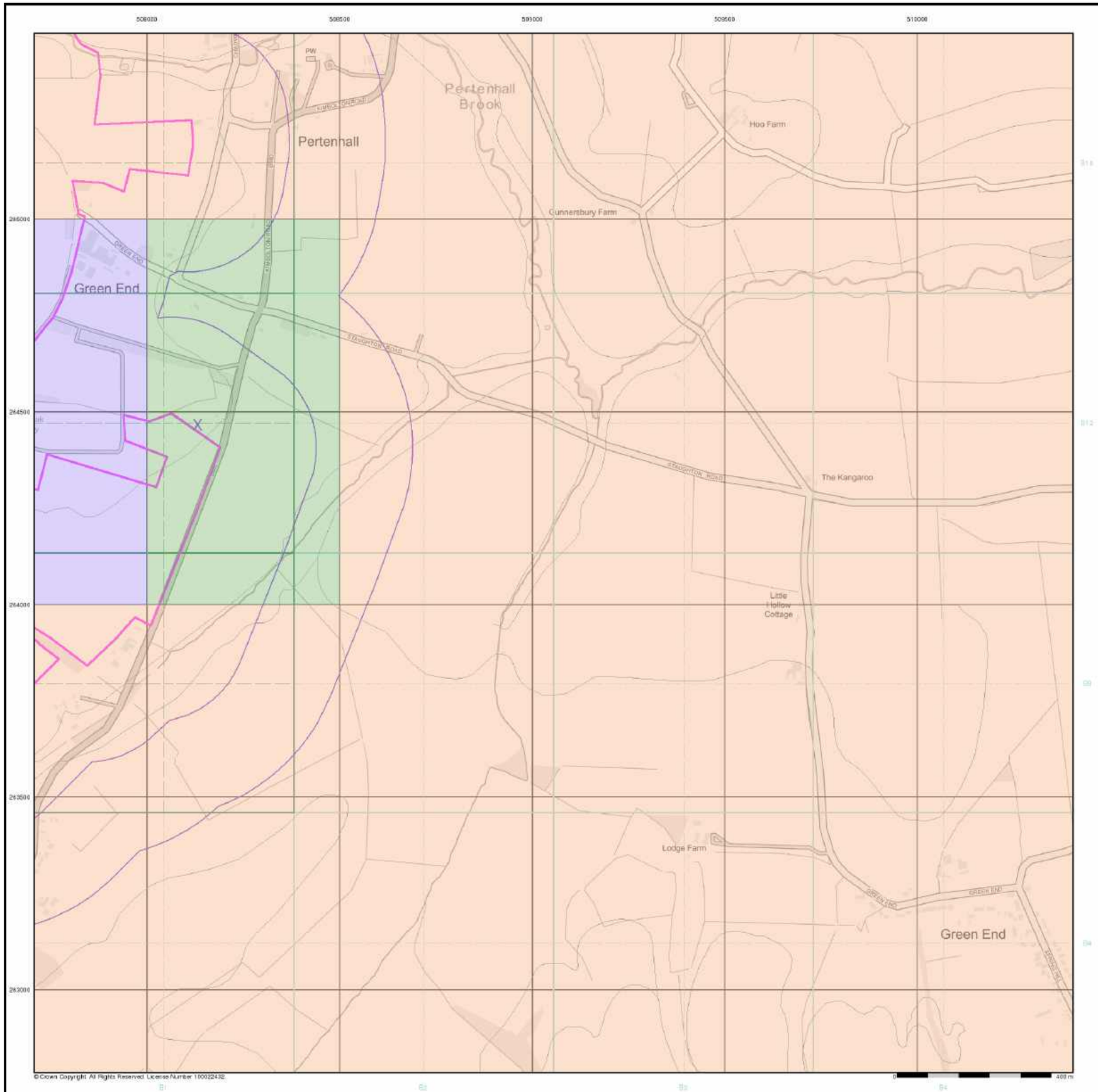
Site Details

Area A



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General

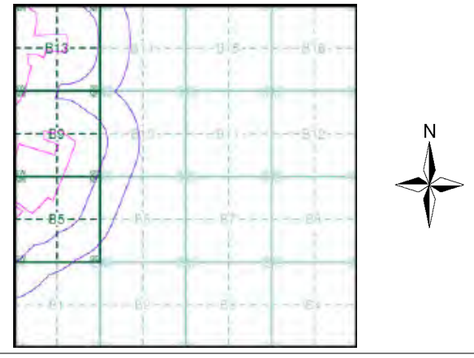
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice B



Order Details

Order Details:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

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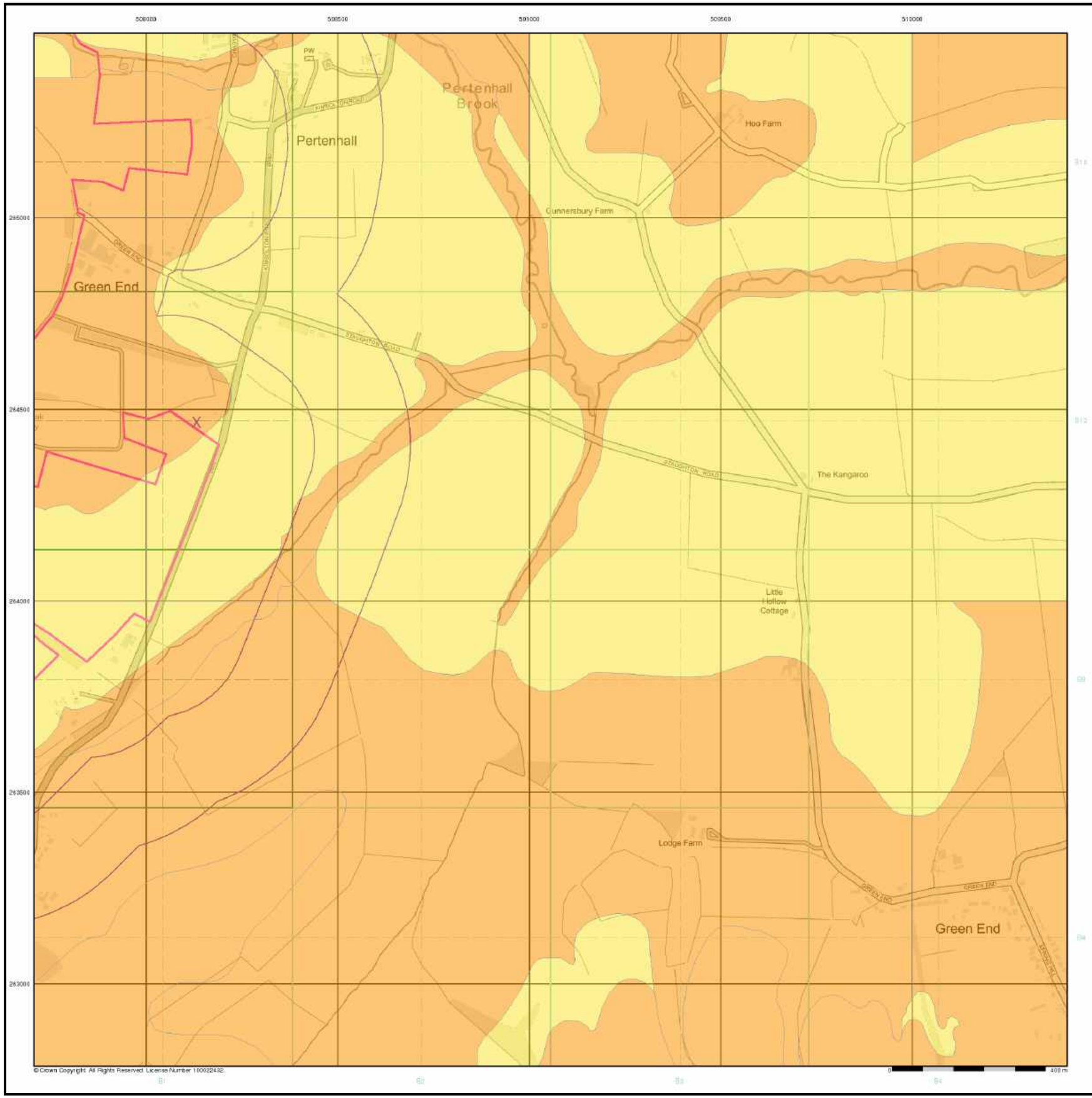
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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General

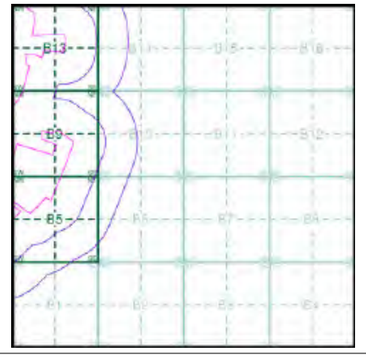
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice B



Order Details

Order Details:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
299346790_1_1

Customer Reference:
R3035

National Grid Reference:
508130, 264470

Slice:
B

Site Area (Ha):
255.74

Search Buffer (m):
500

Site Details:
Area A

Client Details:
[redacted]
Smith Grant Partnership
Bryn Estyn Business Centre (Suite 16)
Bryn Estyn Road
Wrexham
LL13 9TY

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Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	20
Hazardous Substances	-
Geological	21
Industrial Land Use	26
Sensitive Land Use	27
Data Currency	28
Data Suppliers	34
Useful Contacts	35

Introduction

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

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Report Version v53.0

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 3	1		1
Prosecutions Relating to Controlled Waters			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 3	Yes		
Pollution Incidents to Controlled Waters	pg 3		1	
Prosecutions Relating to Authorised Processes				
Registered Radioactive Substances				
River Quality				
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register				
Water Abstractions	pg 3			(*2)
Water Industry Act Referrals				
Groundwater Vulnerability Map	pg 4	Yes	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a
Bedrock Aquifer Designations	pg 9	Yes	n/a	n/a
Superficial Aquifer Designations	pg 9	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences	pg 9	Yes	Yes	n/a
Flooding from Rivers or Sea without Defences	pg 12	Yes		n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
OS Water Network Lines	pg 13	18	27	16

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
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)				
Local Authority Landfill Coverage	pg 20	2	n/a	n/a
Local Authority Recorded Landfill Sites				
Potentially Infilled Land (Non-Water)	pg 20		1	
Potentially Infilled Land (Water)	pg 20		1	
Registered Landfill Sites				
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)				
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents				
Planning Hazardous Substance Enforcements				

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Geological				
BGS 1:625,000 Solid Geology	pg 21	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 21	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 24			1
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
CBSCB Compensation District			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 24	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 24	Yes	Yes	n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 24	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 25	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 25	Yes		n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a
Industrial Land Use				
Contemporary Trade Directory Entries	pg 26		1	
Fuel Station Entries				
Points of Interest - Commercial Services	pg 26		2	
Points of Interest - Education and Health				
Points of Interest - Manufacturing and Production	pg 26		3	
Points of Interest - Public Infrastructure				
Points of Interest - Recreational and Environmental				
Gas Pipelines				
Underground Electrical Cables				

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Sensitive Land Use				
Ancient Woodland				
Areas of Adopted Green Belt				
Areas of Unadopted Green Belt				
Areas of Outstanding Natural Beauty				
Environmentally Sensitive Areas				
Forest Parks				
Local Nature Reserves				
Marine Nature Reserves				
National Nature Reserves				
National Parks				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones	pg 27	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	(W)	0	1	507450 264750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	507200 264550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	507300 264550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	507500 264750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	507400 264650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	507450 264650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	507050 265150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	507150 265150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	507150 264500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	507200 264500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	507100 265200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	507050 265100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	507150 265100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	507450 264700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13NE (N)	0	1	508131 265400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13NW (N)	0	1	507800 265400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	507500 264700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	507300 264600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	507350 264600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B9SE (SW)	0	1	508050 264350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B9SE (S)	0	1	508131 264400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B9SE (SE)	0	1	508150 264450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	507200 265000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	507200 264950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	507100 264900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	507300 265850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9SE (S)	0	1	508150 264400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	507450 265750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	507100 265150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	48	1	508131 265550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13NE (N)	82	1	508200 265150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13SE (N)	114	1	508200 265000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NE (N)	122	1	508131 264650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	148	1	508131 265700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13SE (N)	169	1	508131 264850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B14SW (NE)	208	1	508550 265000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B10SW (SE)	316	1	508450 264200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B10SW (SE)	329	1	508500 264300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B10SW (SE)	346	1	508500 264250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B6NW (SE)	481	1	508550 264000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: T.J. Bates & Son Ltd. Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Manor Farm, Pertenhall, Beds, Mk44 2ax Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr1nfg0081 Permit Version: 1 Effective Date: 10th May 1963 Issued Date: 10th May 1963 Revocation Date: 20th February 1991 Discharge Type: Agricultural effluents Discharge Environment: Freshwater Stream/River Receiving Water: Chadwell Brook **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	B13SW (NW)	0	2	507800 264900
2	**Discharge Consents** Operator: E C Roddis & Sons Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Keysoe Field, Pertenhall Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr1nfg1047 Permit Version: 1 Effective Date: 22nd June 1963 Issued Date: 22nd June 1963 Revocation Date: 20th February 1991 Discharge Type: Agricultural effluents Discharge Environment: Freshwater Stream/River Receiving Water: Wash Brook **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	B9NE (N)	303	2	508100 264800
	Nearest Surface Water Feature	B13SW (NW)	0	-	507812 264998
3	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Foul Sewer Location: Bedford District Authority: Environment Agency, Anglian Region Pollutant: Crude Sewage Note: Riseley Bk Incident Date: 9th April 1998 Incident Reference: 4106 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	B13NE (N)	235	2	508300 265400
	Water Abstractions Operator: K J & A S Clayton Licence Number: 6/33/21/*s/054 Permit Version: Not Supplied Location: Pertenhall Brook, PERTENHALL Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 1 Yearly Rate (m3): 40000 Details: 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	B14SE (NE)	825	2	508940 265110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: K J & A S Clayton Licence Number: 6/33/21/*s/054 Permit Version: Not Supplied Location: Pertenhall Brook, PERTENHALL Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 1 Yearly Rate (m3): 40000 Details: 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	B14SE (NE)	922	2	509020 264990
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NW)	0	3	507623 265000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NW)	0	3	507191 265000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	B13NW (N)	0	3	508000 265397

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(NW)	0	3	507582 264761
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(W)	0	3	507276 264154
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(NW)	0	3	507524 264731
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(NW)	0	3	507232 264957

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	B9SW (SW)	0	3	508000 264322
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	B9SE (SE)	0	3	508156 264445
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	B5NW (S)	0	3	508000 264000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	B5NE (S)	0	3	508131 264000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	(SW)	0	3	507584 264000
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	B9SW (W)	0	3	508000 264467
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(NW)	0	3	507236 264962
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive 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: <3m Superficial Recharge: High	B9SE (SW)	0	3	508131 264467

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(N)	0	3	507637 265820
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NW)	0	3	507125 265858
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	B13SW (N)	0	3	508000 265000
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NW)	0	3	507026 265008

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	B13SE (N)	0	3	508131 265000
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	B9SE (SW)	0	3	508131 264467
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	B13SE (N)	0	3	508131 265000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	3	507582 264761
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	3	507623 265000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(NW)	0	3	507524 264731
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(NW)	0	3	507232 264957
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(NW)	0	3	507191 265000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	B13SE (N)	0	3	508169 265000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	B9SE (SE)	0	3	508156 264445
	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	B13NE (N)	0	2	508089 265357
	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	B10SW (SE)	78	2	508445 264280
	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	B13NE (N)	84	2	508193 265285
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B13NE (N)	86	2	508147 265336
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B13NE (N)	87	2	508201 265278
	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	B13NE (N)	87	2	508137 265341

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	B13NE (N)	88	2	508211 265273
	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	B13NE (N)	88	2	508201 265269
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B13NE (N)	99	2	508209 265285
	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	B5SW (S)	108	2	507892 263715
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B13NE (N)	112	2	508209 265317
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B13NE (N)	112	2	508097 265367
	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	B13NE (N)	113	2	508214 265309
	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	B5SW (S)	113	2	507967 263795
	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	B5NW (S)	113	2	507975 263805
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	B5NW (S)	116	2	507973 263803
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5NW (S)	117	2	507970 263799
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5NW (S)	118	2	507975 263802
	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	B13NE (N)	122	2	508215 265325
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SW (S)	124	2	507980 263790
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B13NE (N)	126	2	508217 265330
	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	B5SW (S)	132	2	507899 263720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	B5SW (S)	133	2	507915 263727
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SW (S)	134	2	507900 263720
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SW (S)	135	2	507895 263717
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SW (S)	139	2	507912 263720
	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	B5SW (S)	140	2	507910 263718
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SW (S)	141	2	507907 263715
	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	B5SW (S)	142	2	507905 263713
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SW (S)	143	2	507895 263705
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SW (S)	143	2	507901 263710
	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	B5SW (S)	144	2	507900 263709
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SW (SW)	158	2	507754 263615
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SW (SW)	161	2	507762 263620
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SW (SW)	161	2	507770 263625
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SW (S)	161	2	507818 263655
	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	B5SW (SW)	161	2	507760 263619
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SW (S)	162	2	507860 263680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	B5SW (S)	162	2	507860 263680
	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	B5SW (SW)	163	2	507765 263622
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B13NE (N)	165	2	508131 265421
	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	B5SW (SW)	165	2	507770 263625
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SW (S)	175	2	507827 263660
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B5SW (S)	177	2	507835 263665
	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	B5SW (S)	177	2	507835 263665
	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	B5SW (S)	178	2	507820 263656
	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	B5SW (S)	180	2	507830 263662
	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	B13NE (N)	185	2	508265 265365
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B13NE (N)	193	2	508273 265367
	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	B13NE (N)	208	2	508287 265373
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B13NE (N)	211	2	508289 265375
	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	B10SW (SE)	0	2	508475 264305
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 112.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13SW (NW)	0	4	507781 264826
5	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13SW (NW)	0	4	507805 264936
6	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 49.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13SW (NW)	0	4	507806 264945
7	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13SW (NW)	0	4	507812 264994
8	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13SW (NW)	0	4	507812 264998
9	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13SW (NW)	0	4	507813 265009
10	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 54.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13SW (NW)	0	4	507812 265019
11	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13SW (NW)	0	4	507804 265074
12	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 266.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13SW (NW)	0	4	507793 265114

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 450.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13NE (N)	0	4	508102 265254
14	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 373.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13NW (N)	0	4	507937 265418
15	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 611.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B9NW (W)	0	4	507933 264490
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B9NW (W)	0	4	507939 264488
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 124.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B9NE (W)	0	4	508057 264496
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 160.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	B9SE (SW)	0	4	508121 264452
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 92.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	B9SE (SE)	0	4	508186 264402
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B9SE (SE)	0	4	508185 264403
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 166.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B9SE (E)	0	4	508200 264454

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 175.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B9NE (NW)	2	4	508109 264518
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 431.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	B9SE (S)	12	4	508168 264312
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	B5NW (S)	36	4	508014 263909
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 99.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B5NW (S)	38	4	507870 263814
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	B5NW (S)	44	4	508011 263901
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13NW (N)	53	4	507929 265396
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13NW (N)	59	4	507953 265376
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 32.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13NW (N)	64	4	507970 265415
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13NW (N)	74	4	507959 265376

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 77.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B5NE (S)	86	4	508062 263876
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 357.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B5NE (SE)	86	4	508333 264097
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 373.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13NE (N)	96	4	508154 265381
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 169.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B5SW (S)	121	4	507802 263651
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 80.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B5NW (S)	122	4	508010 263819
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B9NE (N)	131	4	508172 264579
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B9NE (N)	131	4	508172 264579
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B5SW (S)	131	4	507954 263765
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	B5SW (S)	131	4	507954 263765

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 136.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B5SW (S)	138	4	507916 263724
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B5SW (S)	138	4	507931 263731
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 46.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B9NE (NE)	148	4	508222 264565
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 831.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	B5SW (S)	155	4	507964 263742
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 135.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B5SW (S)	170	4	507802 263651
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B9NE (NE)	187	4	508236 264603
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 390.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B9NE (NE)	189	4	508262 264592
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 516.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B5NE (SE)	243	4	508333 264097
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 433.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B10SW (SE)	243	4	508429 264205

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	B13NE (N)	259	4	508310 265444
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 46.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13NE (N)	259	4	508287 265450
51	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 38.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	B13NE (N)	274	4	508314 265444
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 435.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13SE (NE)	294	4	508323 264916
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 261.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B5SW (S)	297	4	507862 263529
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 22.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13NE (N)	301	4	508330 265467
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 307.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13NE (N)	306	4	508347 265480
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 319.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B13NE (N)	323	4	508347 265480
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 212.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B9NE (NE)	377	4	508340 264762

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 108.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B10NW (NE)	413	4	508475 264705
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B10SW (E)	416	4	508605 264412
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 245.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B10SW (E)	426	4	508615 264409
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B10NW (NE)	455	4	508542 264694
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B10NW (NE)	458	4	508548 264692
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B10NW (NE)	468	4	508564 264688
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 132.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B10NW (NE)	469	4	508578 264670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Bedford Borough Council - Has supplied landfill data		0	5	508131 264467
	Local Authority Landfill Coverage Name: Bedfordshire County Council - Has no landfill data to supply		0	6	508131 264467
65	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	B9NE (E)	230	-	508375 264546
66	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	B5SW (SW)	71	-	507781 263769

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Kellaways Formation And Oxford Clay Formation (Undifferentiated)	B9SE (SW)	0	1	508131 264467
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B5NE (S)	0	1	508131 264000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B13NE (N)	0	1	508124 265411
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	B13SW (N)	0	1	508000 265000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	B13SE (N)	0	1	508131 265000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 15 - 30 mg/kg	B9SW (SW)	0	1	508000 264331
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	B9SE (SW)	0	1	508131 264467

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	B10SW (E)	0	1	508500 264359
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	B9SE (SE)	0	1	508157 264440
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B13NW (N)	0	1	507804 265366
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 30 - 45 mg/kg	B9SW (W)	0	1	508000 264467
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	B5NE (S)	66	1	508214 264000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B10SW (E)	68	1	508500 264467

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	B10SW (SE)	169	1	508399 264264
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	B5NE (SE)	172	1	508344 264000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	B6NW (SE)	281	1	508441 264120
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	B10SW (SE)	334	1	508489 264237
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	B14SE (NE)	343	1	509000 265142
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B10SW (SE)	344	1	508500 264255

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	**BGS Recorded Mineral Sites** Site Name: Green End Gravel Pit Location: Green End, Porterhall, Bedford, Bedfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 35095 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits, 1 Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	B10NW (E)	268	1	508430 264525
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13NE (N)	0	1	508140 265402
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13SE (N)	0	1	508131 265000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9SE (SW)	0	1	508131 264467
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13NE (N)	0	1	508185 265339
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10SW (SE)	54	1	508405 264257
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9SE (SW)	0	1	508131 264467
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13NE (N)	0	1	508140 265402
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13SE (N)	0	1	508131 265000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B13NE (N)	0	1	508185 265339
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B10SW (SE)	54	1	508405 264257
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9SE (SW)	0	1	508131 264467
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13SE (N)	0	1	508131 265000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9SE (SW)	0	1	508131 264467
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13SE (N)	0	1	508131 265000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13SE (N)	0	1	508131 265000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9SE (SW)	0	1	508131 264467
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13NE (N)	0	1	508140 265402
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9SE (SE)	0	1	508156 264445
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13NW (N)	0	1	507796 265394
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B13NE (N)	0	1	508185 265339
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B10SW (SE)	54	1	508405 264257
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13SE (N)	86	1	508169 265000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B9SE (SW)	0	1	508131 264467
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B13SE (N)	0	1	508131 265000
	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	B13SE (N)	0	1	508131 265001
	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	B9SE (SW)	0	1	508131 264467
	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	B13SE (N)	0	1	508131 265001
	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	B9SE (SW)	0	1	508131 264467

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	**Contemporary Trade Directory Entries** Name: T P Ryan Location: The Cottage, Pertenhall Road, Keysoe, Bedford, MK44 2HR Classification: Farriers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	B5SW (S)	249	-	507730 263466
69	**Points of Interest - Commercial Services** Name: T P Ryan Location: The Cottage, Pertenhall Road, Keysoe, Bedford, MK44 2HR Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	B5SW (S)	249	7	507730 263466
69	**Points of Interest - Commercial Services** Name: T P Ryan Location: The Cottage, Pertenhall Road, Keysoe, Bedford, MK44 2HR Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	B5SW (S)	249	7	507730 263466
70	**Points of Interest - Manufacturing and Production** Name: Manor Farm - Pertenhall - Solar Photovoltaics (BEIS) Location: Land South of Manor Farm, Green End, Pertenhall, MK44 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location	B9NW (W)	88	7	507724 264476
71	**Points of Interest - Manufacturing and Production** Name: R L Banks & Son Location: Chadwell Farm, Chadwell End, Pertenhall, Bedford, MK44 2AU Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	B13NE (N)	229	7	508218 265461
71	**Points of Interest - Manufacturing and Production** Name: R L Banks & Son Location: Chadwell Farm, Chadwell End, Pertenhall, MK44 2AU Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	B13NE (N)	229	7	508218 265461

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	**Nitrate Vulnerable Zones** Name: Huntingdon River Gravels Description: Groundwater Source: Environment Agency, Head Office	B9SE (SW)	0	3	508131 264467
73	**Nitrate Vulnerable Zones** Name: Great Ouse Nvz Description: Surface Water Source: Environment Agency, Head Office	B9SE (SW)	0	3	508131 264467

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Bedford Borough Council - Environmental Health Department	December 2014	Annual Rolling Update
Environment Agency - Head Office	June 2020	Annually
Huntingdonshire District Council - Environmental Health Services	October 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2022	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Huntingdonshire District Council - Environmental Health Services	December 2014	Variable
Bedford Borough Council - Environmental Health Department	March 2015	Variable
Local Authority Pollution Prevention and Controls		
Huntingdonshire District Council - Environmental Health Services	December 2014	Annual Rolling Update
Bedford Borough Council - Environmental Health Department	March 2015	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Huntingdonshire District Council - Environmental Health Services	December 2014	Variable
Bedford Borough Council - Environmental Health Department	March 2015	Variable
Nearest Surface Water Feature		
Ordnance Survey	June 2022	
Pollution Incidents to Controlled Waters		
Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2016	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Central Area	April 2022	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	July 2022	Quarterly
Water Industry Act Referrals		
Environment Agency - Anglian Region	October 2017	
Groundwater Vulnerability Map		
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	July 2022	Bi-Annually

Data Currency

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

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Central Area	April 2022	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Central Area	April 2022	Quarterly
Local Authority Landfill Coverage		
Bedford Borough Council - Environmental Health Department	February 2003	Not Applicable
Bedfordshire County Council (now part of Central Bedfordshire Council)	February 2003	Not Applicable
Cambridgeshire County Council	February 2003	Not Applicable
Huntingdonshire District Council - Environmental Health Services	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Bedford Borough Council - Environmental Health Department	October 2018	
Bedfordshire County Council (now part of Central Bedfordshire Council)	October 2018	
Cambridgeshire County Council	October 2018	
Huntingdonshire District Council - Environmental Health Services	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - Anglian Region - Central Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Central Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Central Area	June 2015	
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Bedford Borough Council	February 2016	Variable
Cambridgeshire County Council	February 2016	Variable
Huntingdonshire District Council	February 2016	Variable
Bedfordshire County Council (now part of Central Bedfordshire Council)	July 2008	Annual Rolling Update
Planning Hazardous Substance Consents		
Bedford Borough Council	February 2016	Variable
Cambridgeshire County Council	February 2016	Variable
Huntingdonshire District Council	February 2016	Variable
Bedfordshire County Council (now part of Central Bedfordshire Council)	July 2008	Annual Rolling Update

Data Currency

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	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	July 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2022	Quarterly
Points of Interest - Education and Health PointX	June 2022	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2022	Quarterly
Points of Interest - Public Infrastructure PointX	June 2022	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2022	Quarterly
Underground Electrical Cables National Grid	May 2021	Bi-Annually

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt		
Bedford Borough Council	October 2020	Quarterly
Huntingdonshire District Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
Bedford Borough Council	October 2020	Quarterly
Huntingdonshire District Council	October 2020	Quarterly
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	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	June 2017	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

Data Suppliers

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	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Useful Contacts

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	**Bedford Borough Council - Environmental Health Department** Town Hall, St Pauls Street, Bedford, Bedfordshire, MK40 1SJ	Telephone: 01234 267422 Fax: 01234 325671 Email: enquiries@bedford.gov.uk Website: www.bedford.gov.uk
6	**Bedfordshire County Council (now part of Central Bedfordshire Council)** Priory House, Monks Walk, Chicksands, Shefford, Bedfordshire, SG17 5TQ	Telephone: 0300 300 8301 Email: www.centralbedfordshire.gov.uk Website: www.centralbedfordshire.gov.uk
7	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Glasshouse
Direction of Flow of Water
Shingle
Sand
Pylon
Electricity
Sloping Masonry
Pylon
Electricity Transmission Line
Pole
Cutting
Embankment
Standard Gauge Multiple Track
Standard Gauge Single Track
Road Under
Road Over
Level Crossing
Foot Bridge
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m Bench mark (where shown)
Triangulation station
Point feature (e.g. Guide Post or Mile Stone)
Pylon, flare stack or lighting tower
Site of (antiquity)
Glasshouse
General Building
Important Building

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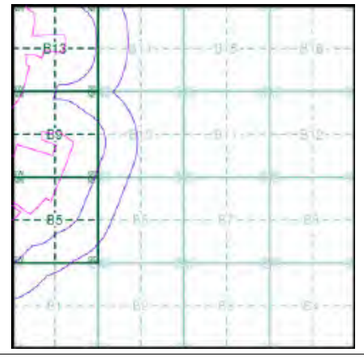
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:10,560	1883	2
Huntingdonshire	1:10,560	1886	3
Bedfordshire	1:10,560	1902	4
Huntingdonshire	1:10,560	1902	5
Huntingdonshire	1:10,560	1952	6
Ordnance Survey Plan	1:10,000	1958 - 1959	7
Ordnance Survey Plan	1:10,000	1969	8
Ordnance Survey Plan	1:10,000	1970	9
Ordnance Survey Plan	1:10,000	1982 - 1984	10
10K Raster Mapping	1:10,000	1999	11
10K Raster Mapping	1:10,000	2006	12
VectorMap Local	1:10,000	2021	13

Historical Map - Slice B



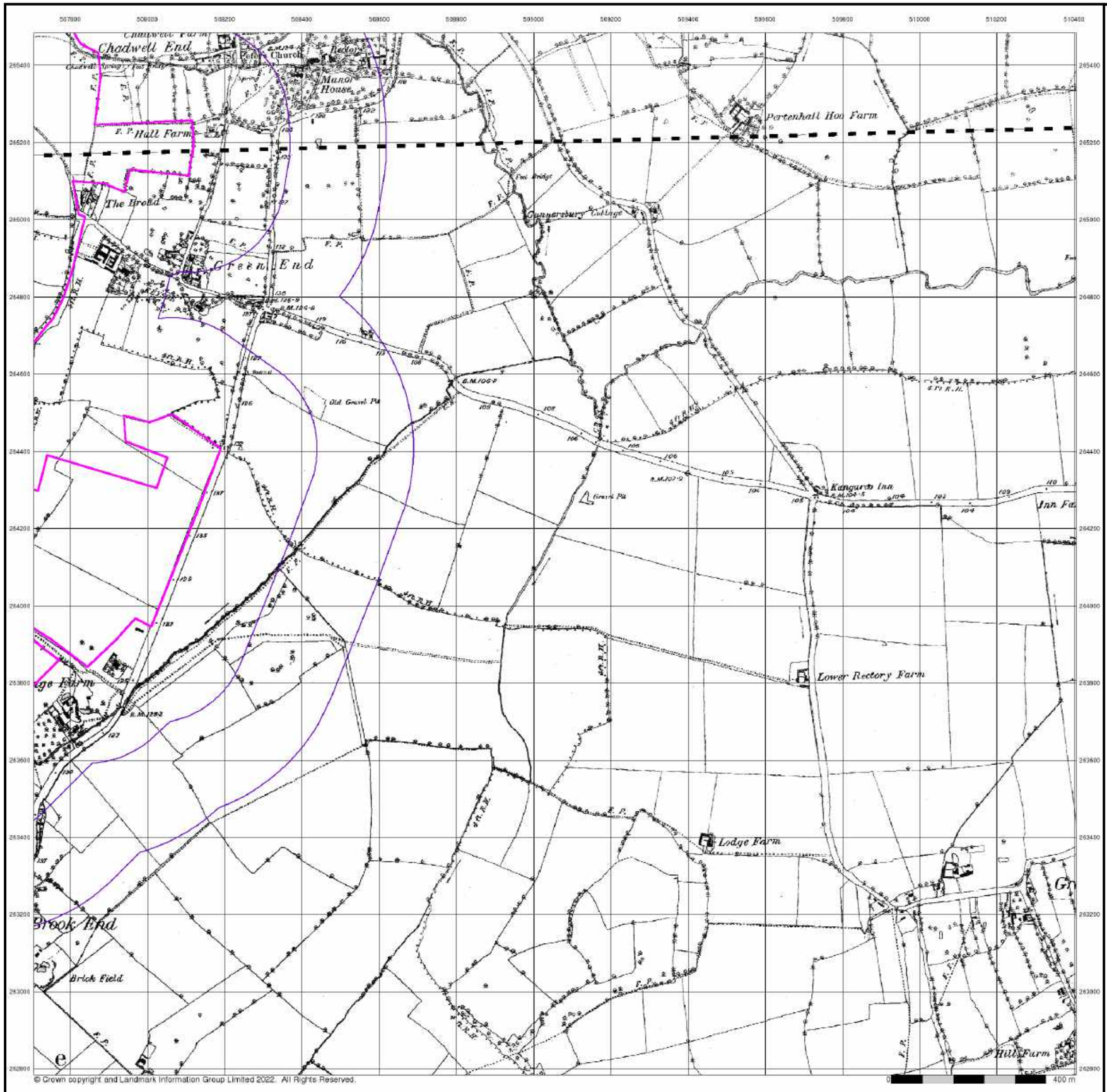
Order Details

Order Number: 299346790_1_1
Customer Ref: R3035
National Grid Reference: 508130, 264470
Slice: B
Site Area (Ha): 255.74
Search Buffer (m): 500

Site Details

Area A

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



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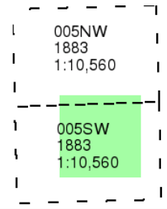
Bedfordshire

Published 1883

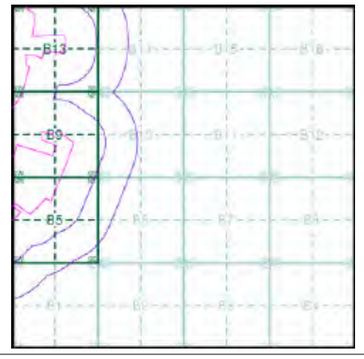
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice B



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Site Details

Area A

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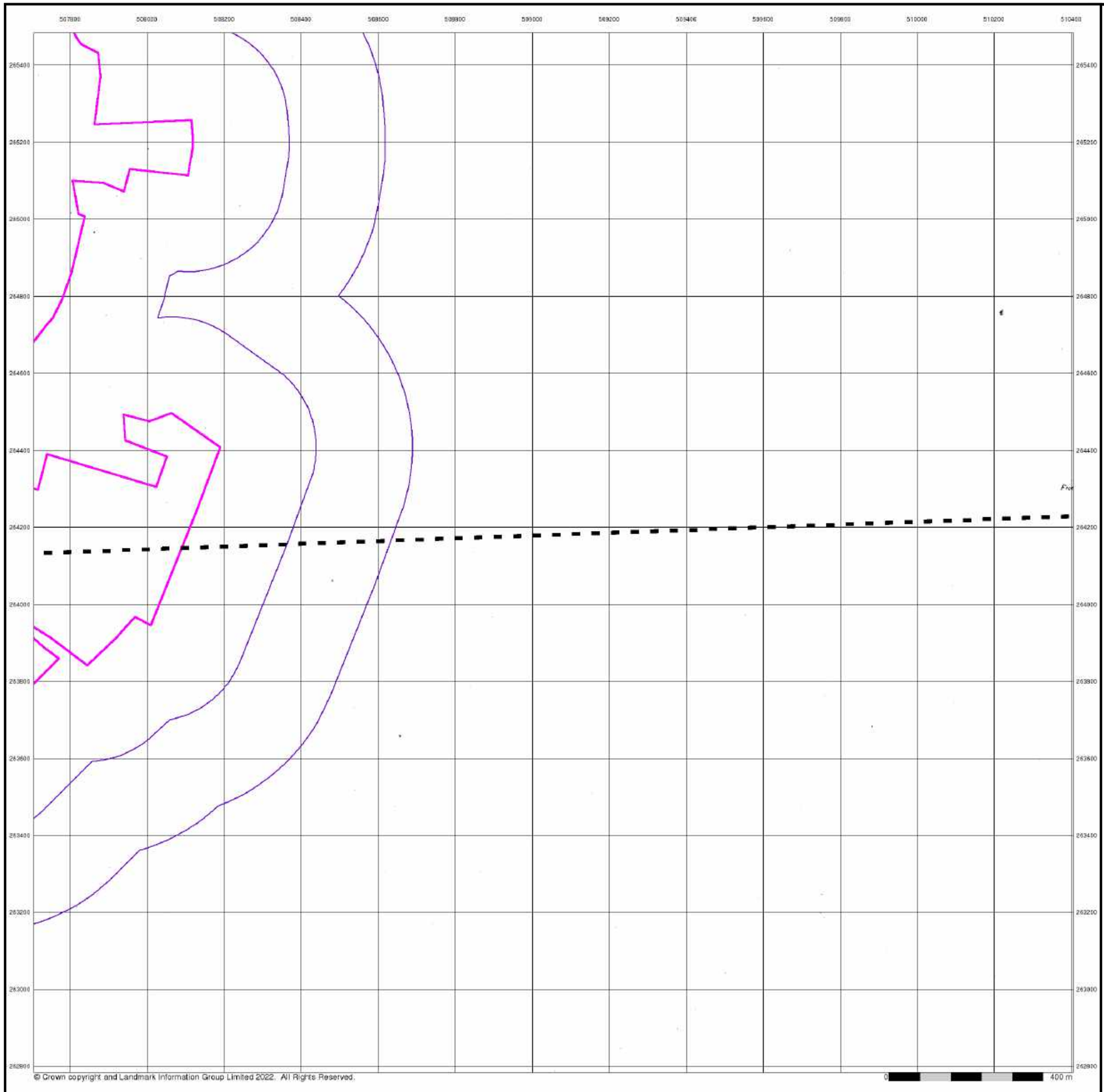

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Huntingdonshire

Published 1886

Source map scale - 1:10,560

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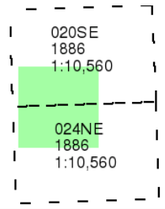
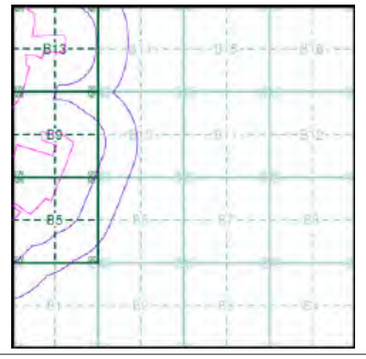


Historical Map - Slice B



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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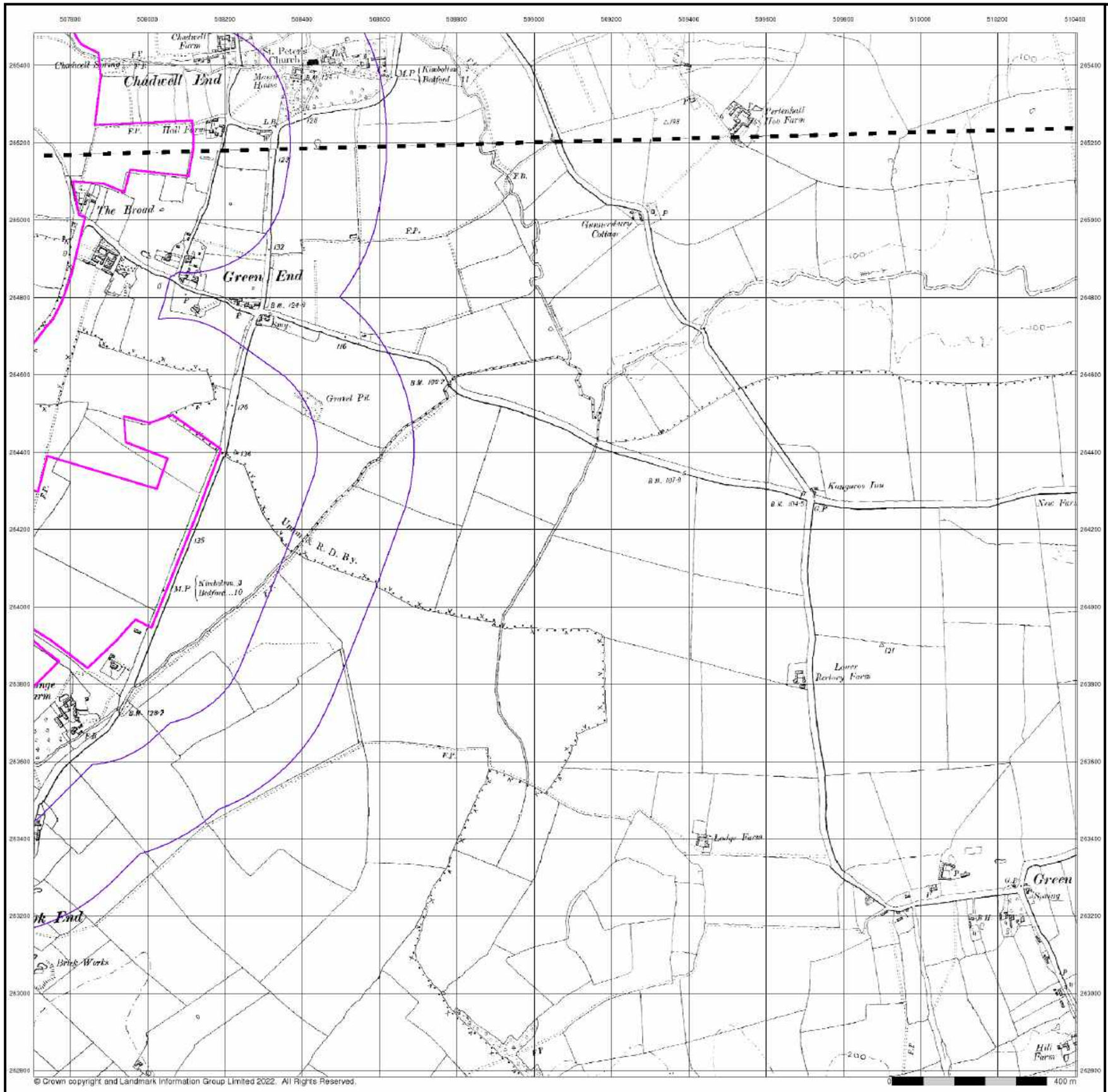

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Bedfordshire

Published 1902

Source map scale - 1:10,560

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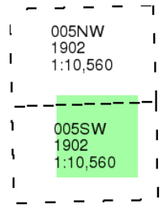
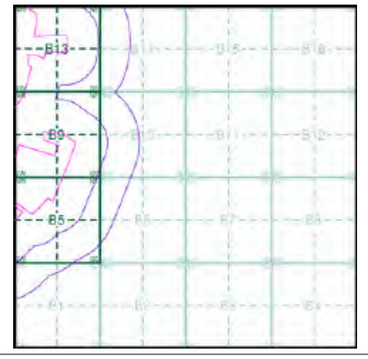


Historical Map - Slice B



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
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Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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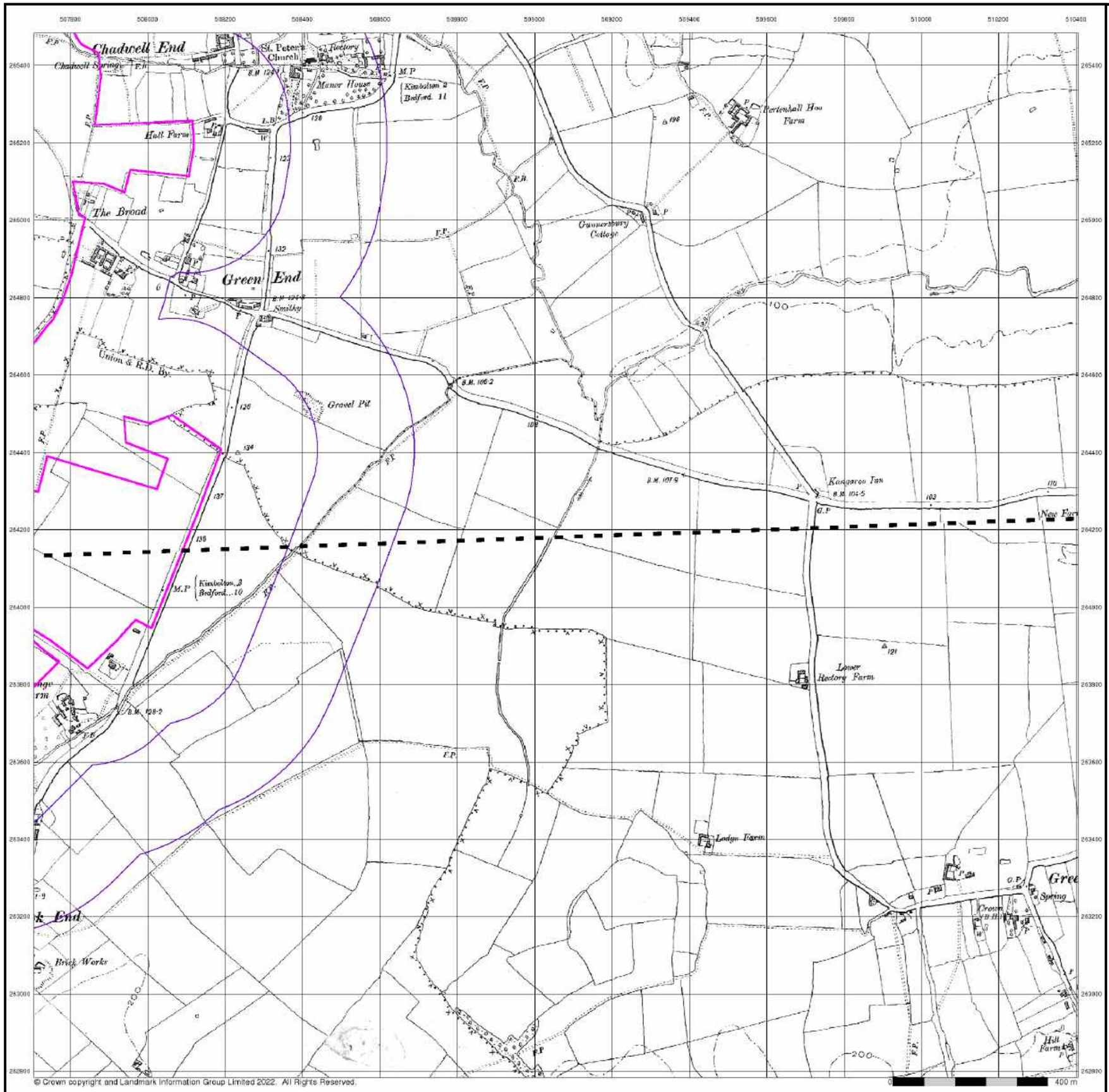

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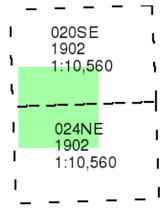
Huntingdonshire

Published 1902

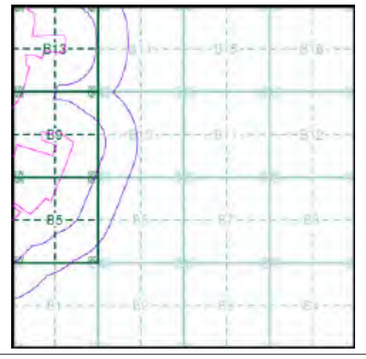
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

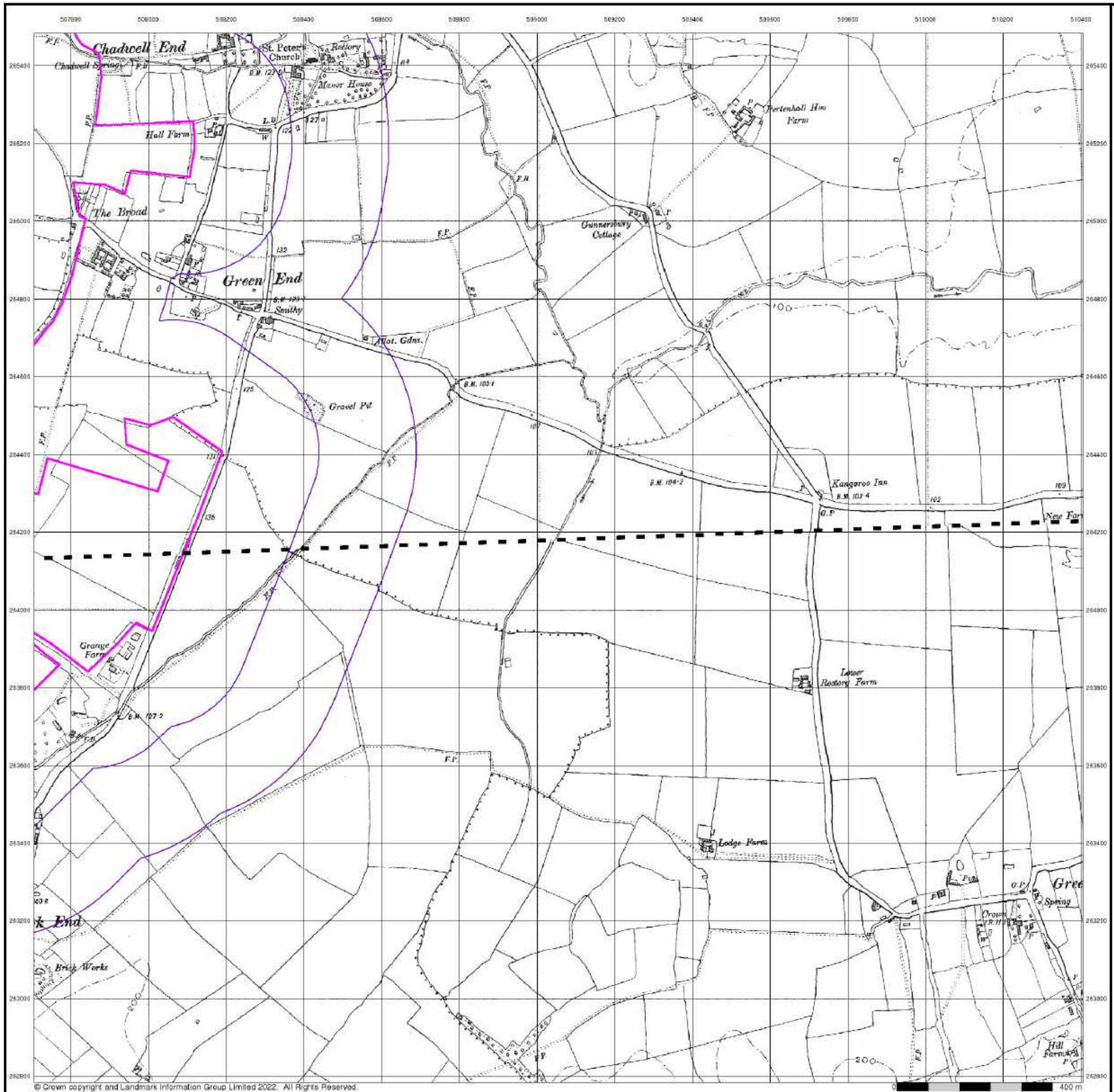
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

Landmark INFORMATION GROUP

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



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Huntingdonshire

Published 1952

Source map scale - 1:10,560

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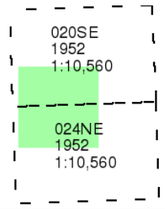
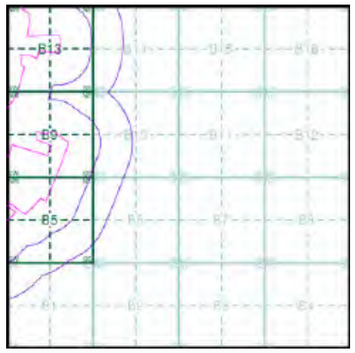
Map Name(s) and Date(s)



Historical Map - Slice B



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Customer Ref:	R3035
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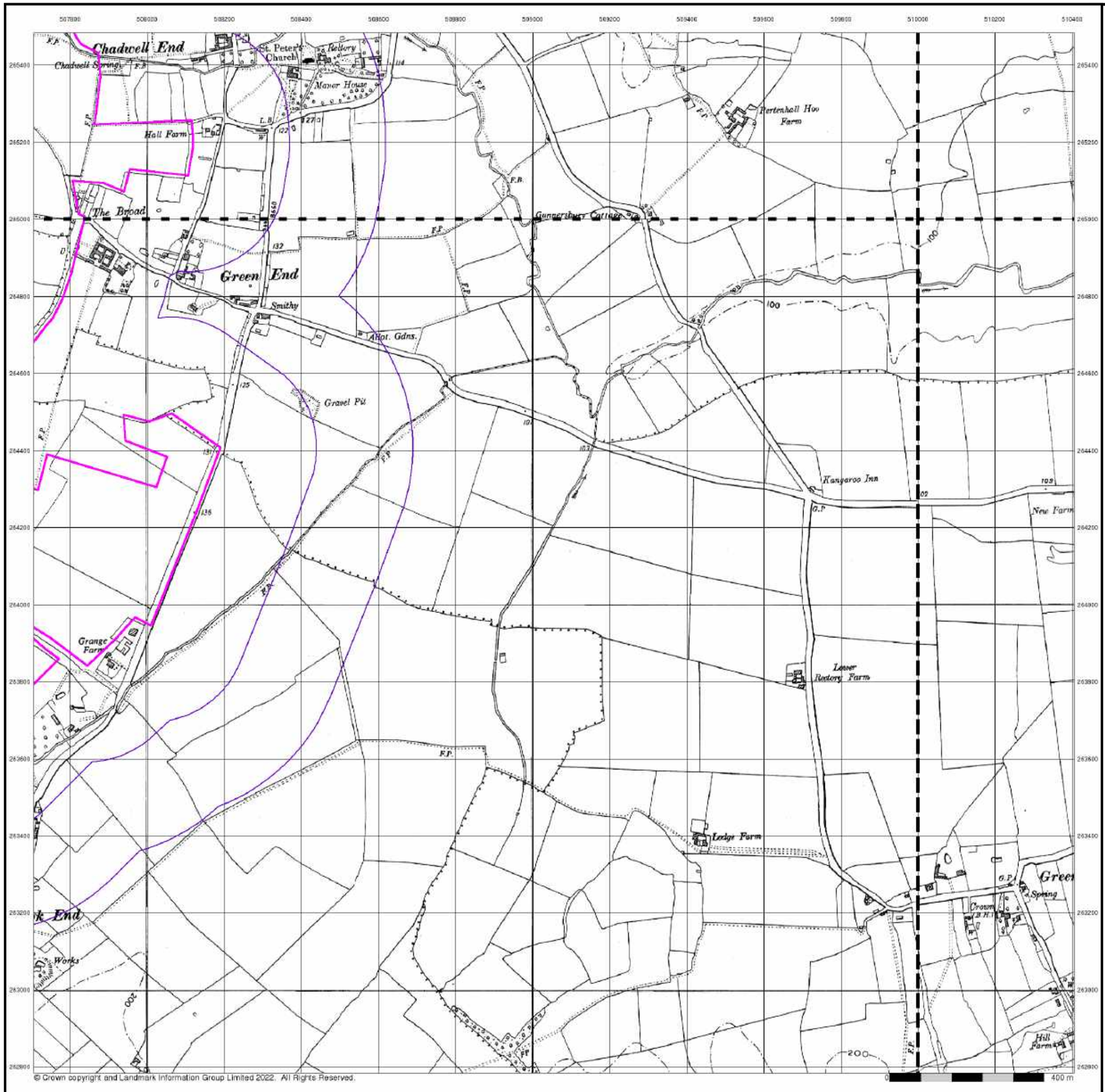

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Ordnance Survey Plan

Published 1958 - 1959

Source map scale - 1:10,000

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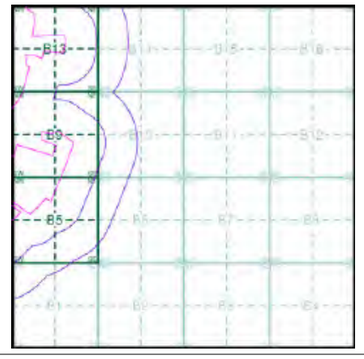
Map Name(s) and Date(s)

TL06NE 1958 1:10,560	TL16NW 1959 1:10,560
TL06SE 1958 1:10,560	TL16SW 1958 1:10,560

Historical Map - Slice B



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
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Site Details

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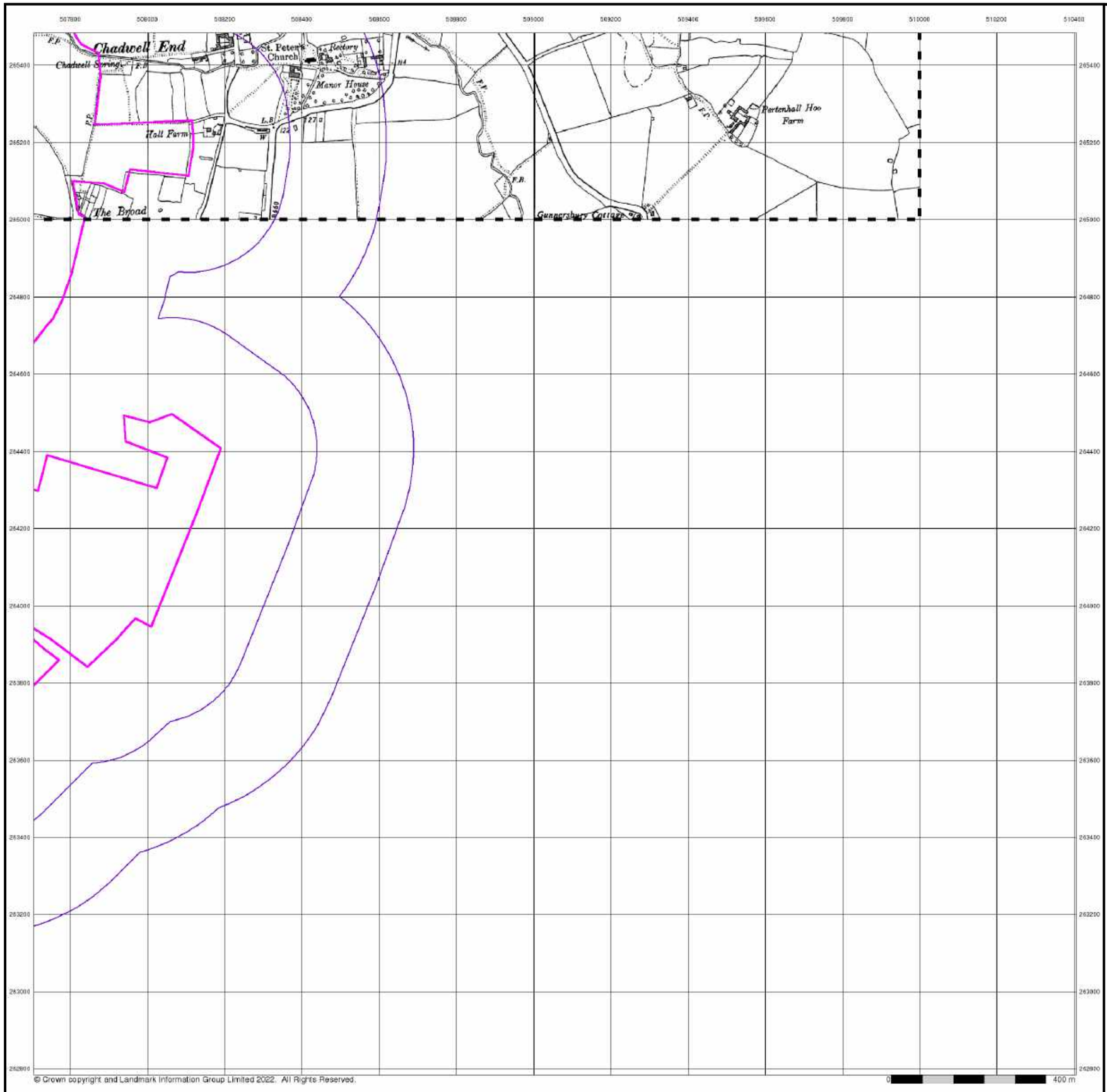

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Ordnance Survey Plan

Published 1969

Source map scale - 1:10,000

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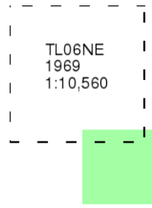
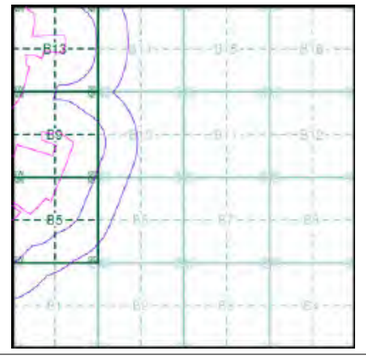
Map Name(s) and Date(s)



Historical Map - Slice B



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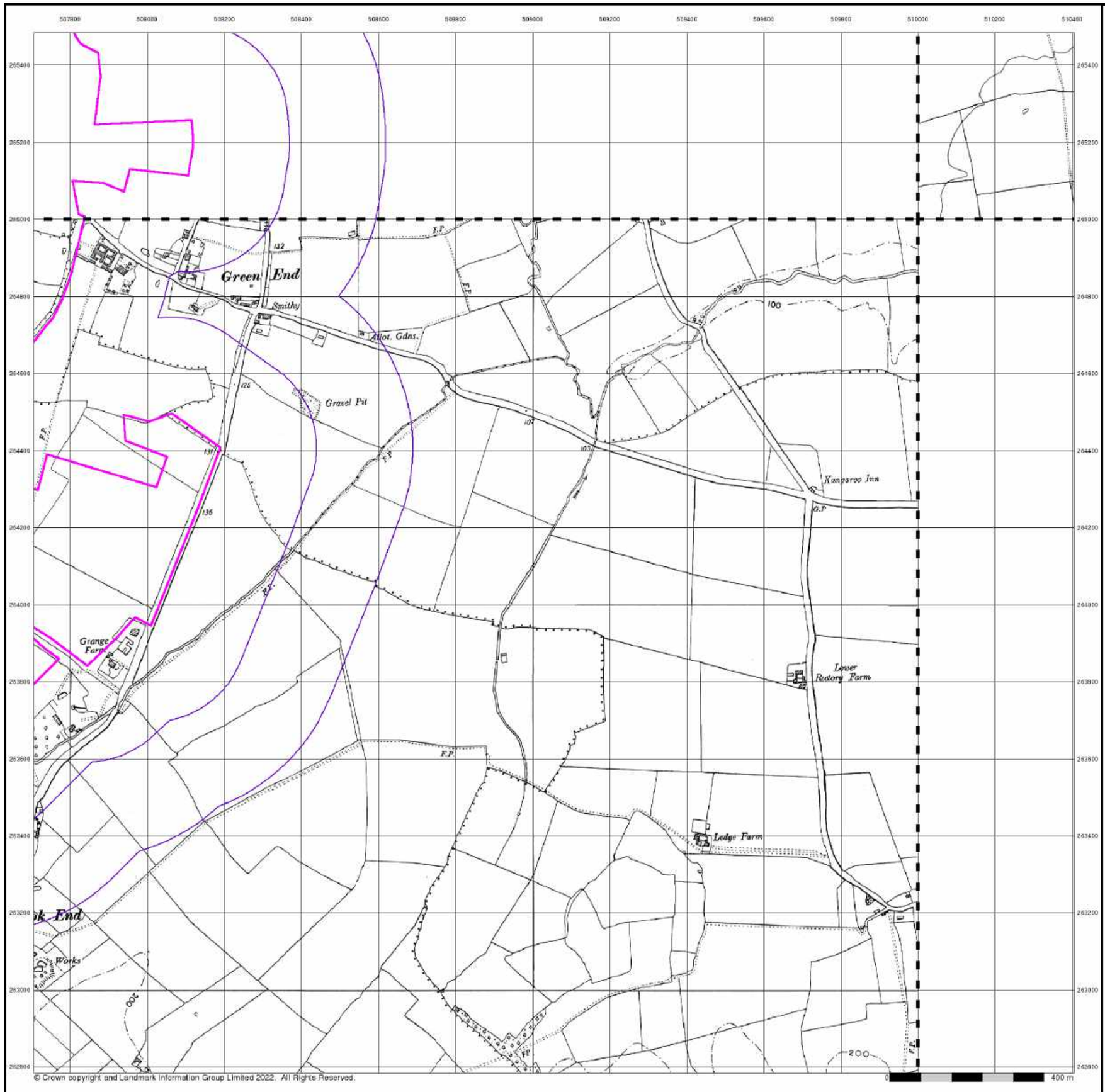

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Ordnance Survey Plan

Published 1970

Source map scale - 1:10,000

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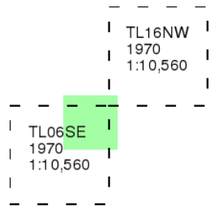
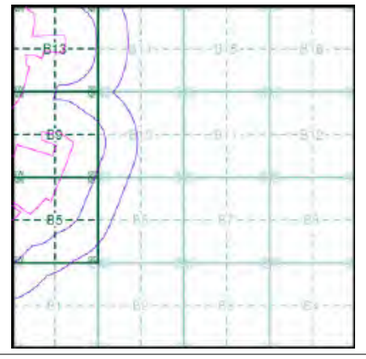
Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

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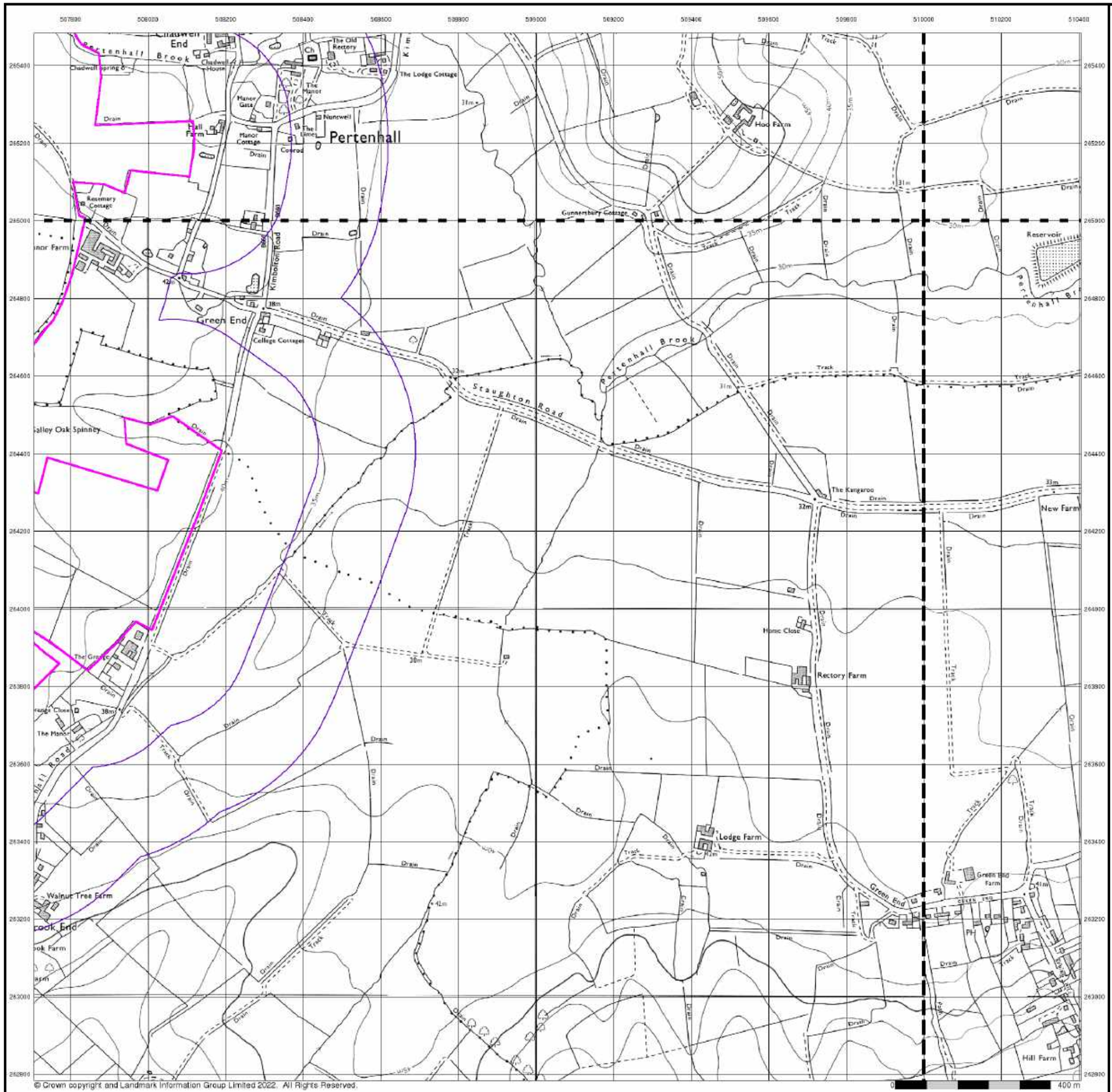

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Ordnance Survey Plan

Published 1982 - 1984

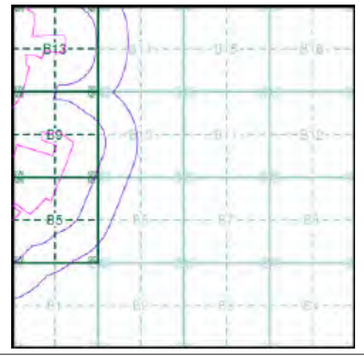
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TL06NE 1983 1:10,000	TL16NW 1982 1:10,000
TL06SE 1984 1:10,000	TL16SW 1984 1:10,000

Historical Map - Slice B



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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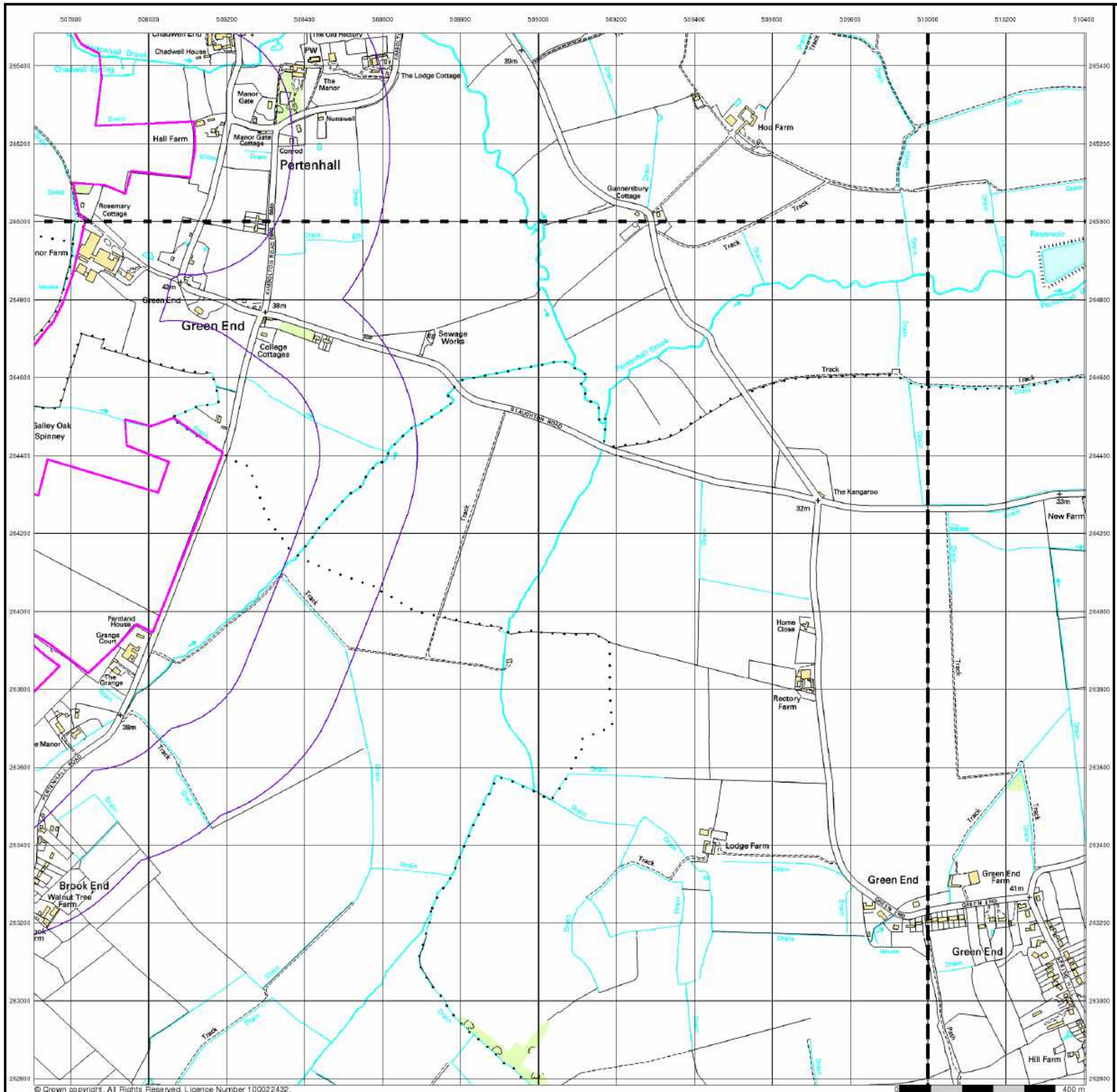

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10k Raster Mapping

Published 1999

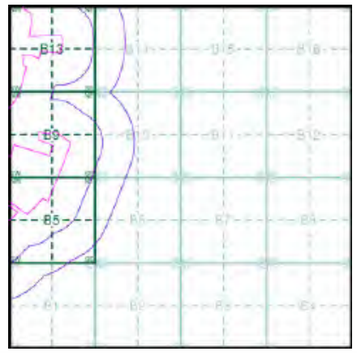
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TL06NE 1999 1:10,000	TL16NW 1999 1:10,000
TL06SE 1999 1:10,000	TL16SW 1999 1:10,000

Historical Map - Slice B



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

Landmark INFORMATION GROUP

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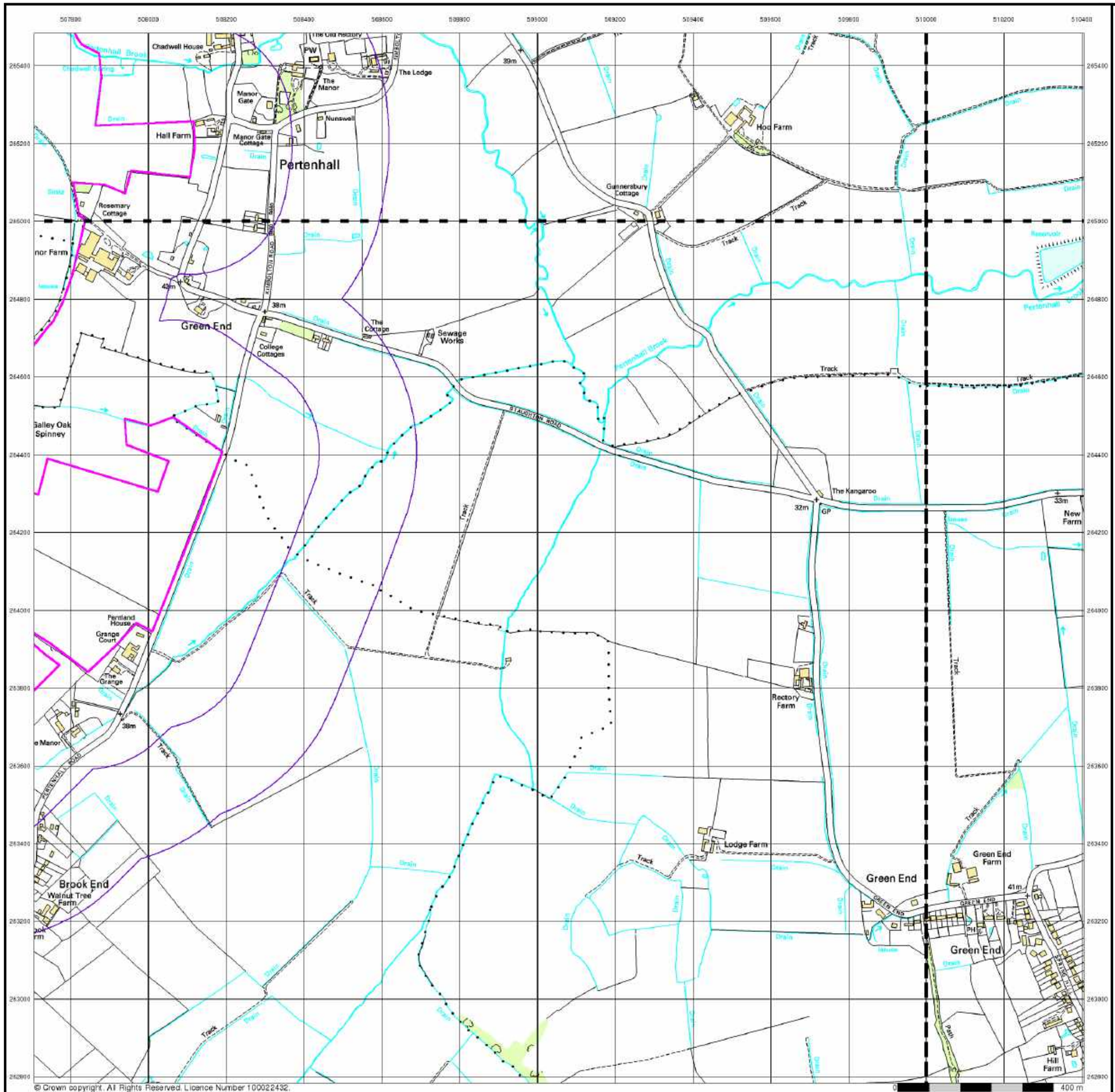
Web: www.envirocheck.co.uk



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10k Raster Mapping

Published 2006

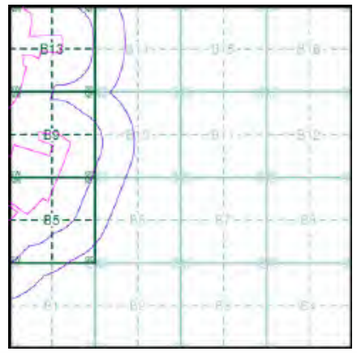
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TL06NE 2006 1:10,000	TL16NW 2006 1:10,000
TL06SE 2006 1:10,000	TL16SW 2006 1:10,000

Historical Map - Slice B



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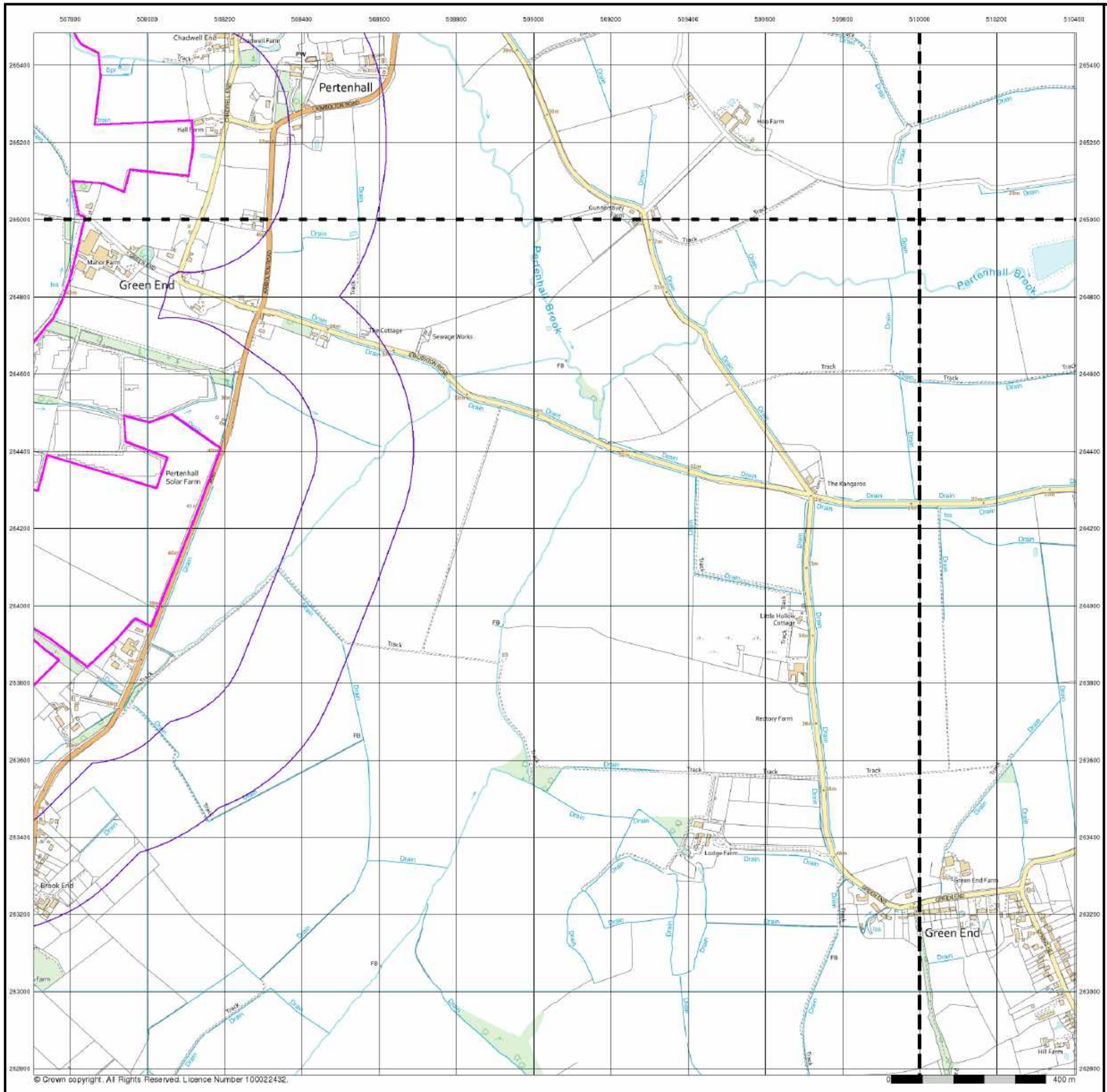

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VectorMap Local

Published 2021

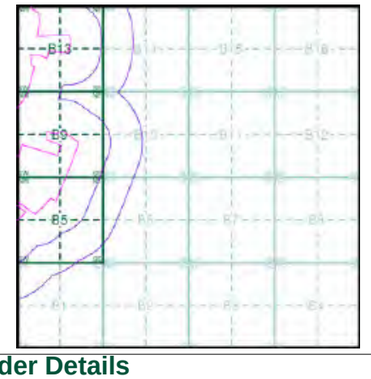
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TL06NE 2021 Variable	TL16NW 2021 Variable
TL06SE 2021 Variable	TL16SW 2021 Variable

Historical Map - Slice B



Order Details

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Site Area (Ha):	255.74
Search Buffer (m):	500

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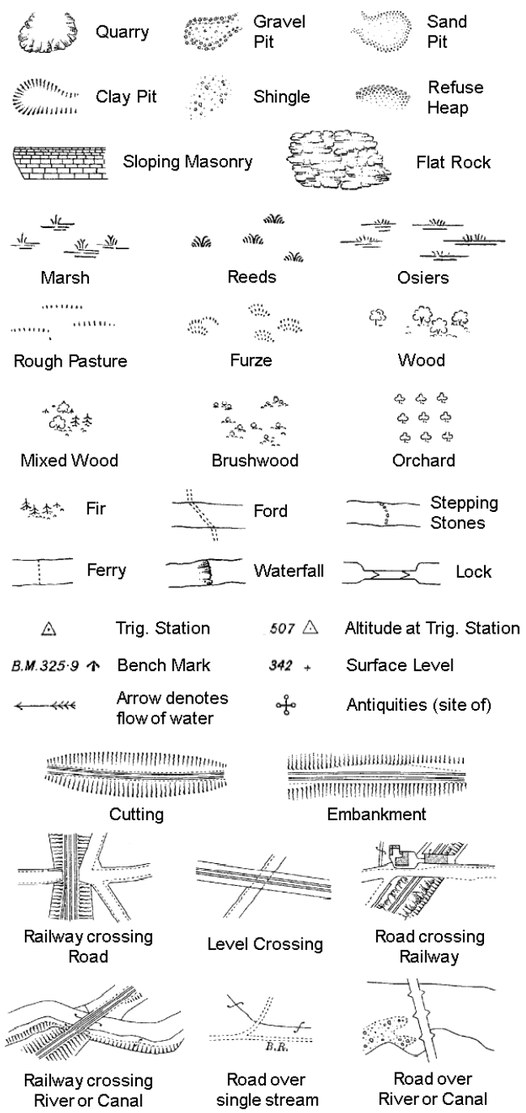
Historical Mapping Legends

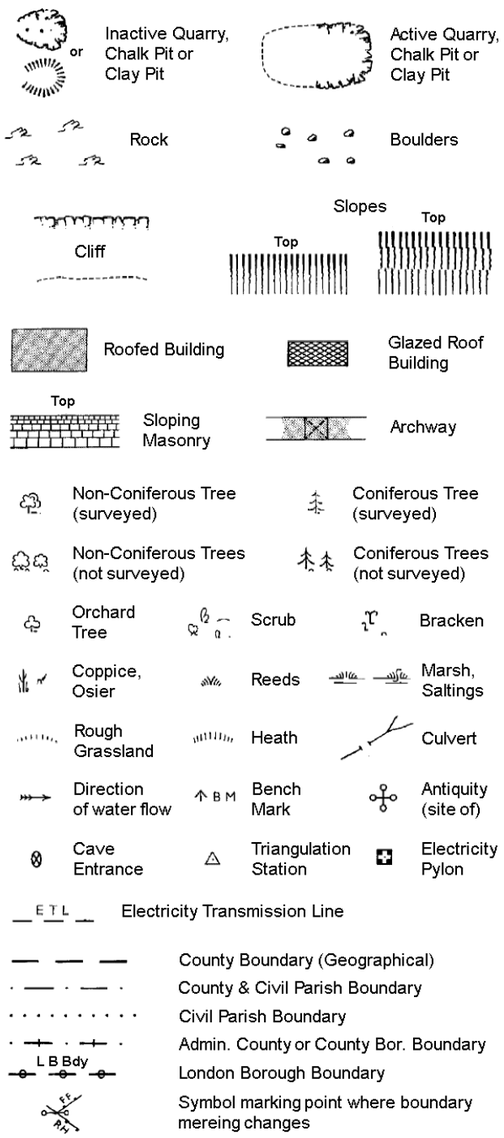
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy.
County Borough Boundary (England)
Co. Burgh Bdy.
County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

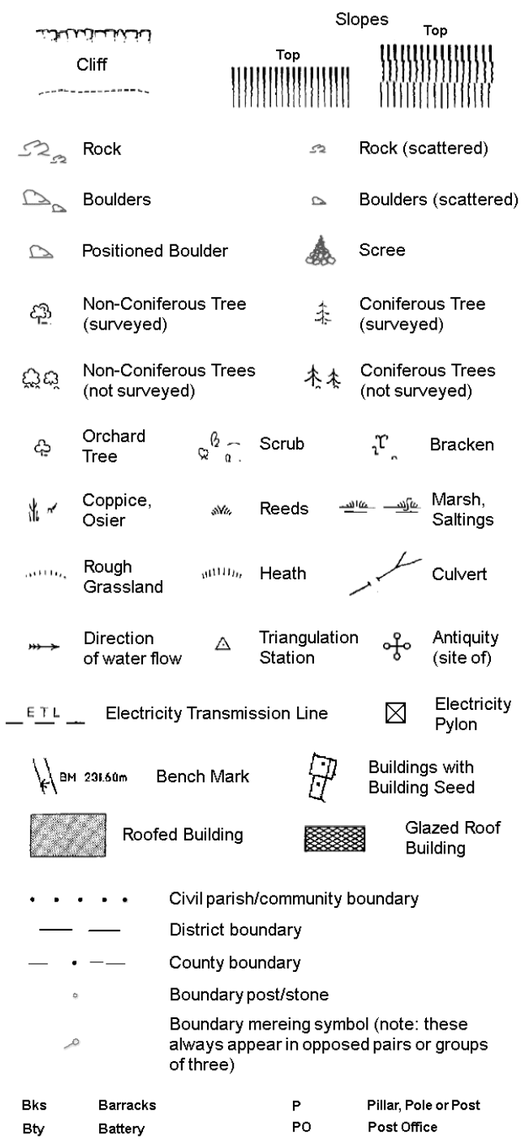
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy
London Borough Boundary
Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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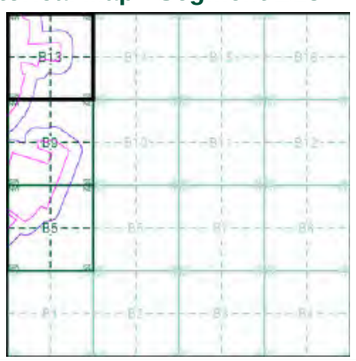
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:2,500	1884	2
Huntingdonshire	1:2,500	1887	3
Bedfordshire	1:2,500	1901	4
Huntingdonshire	1:2,500	1901	5
Ordnance Survey Plan	1:2,500	1979 - 1980	6
Large-Scale National Grid Data	1:2,500	1993 - 1994	7
Historical Aerial Photography	1:2,500	1999	8

Historical Map - Segment B13



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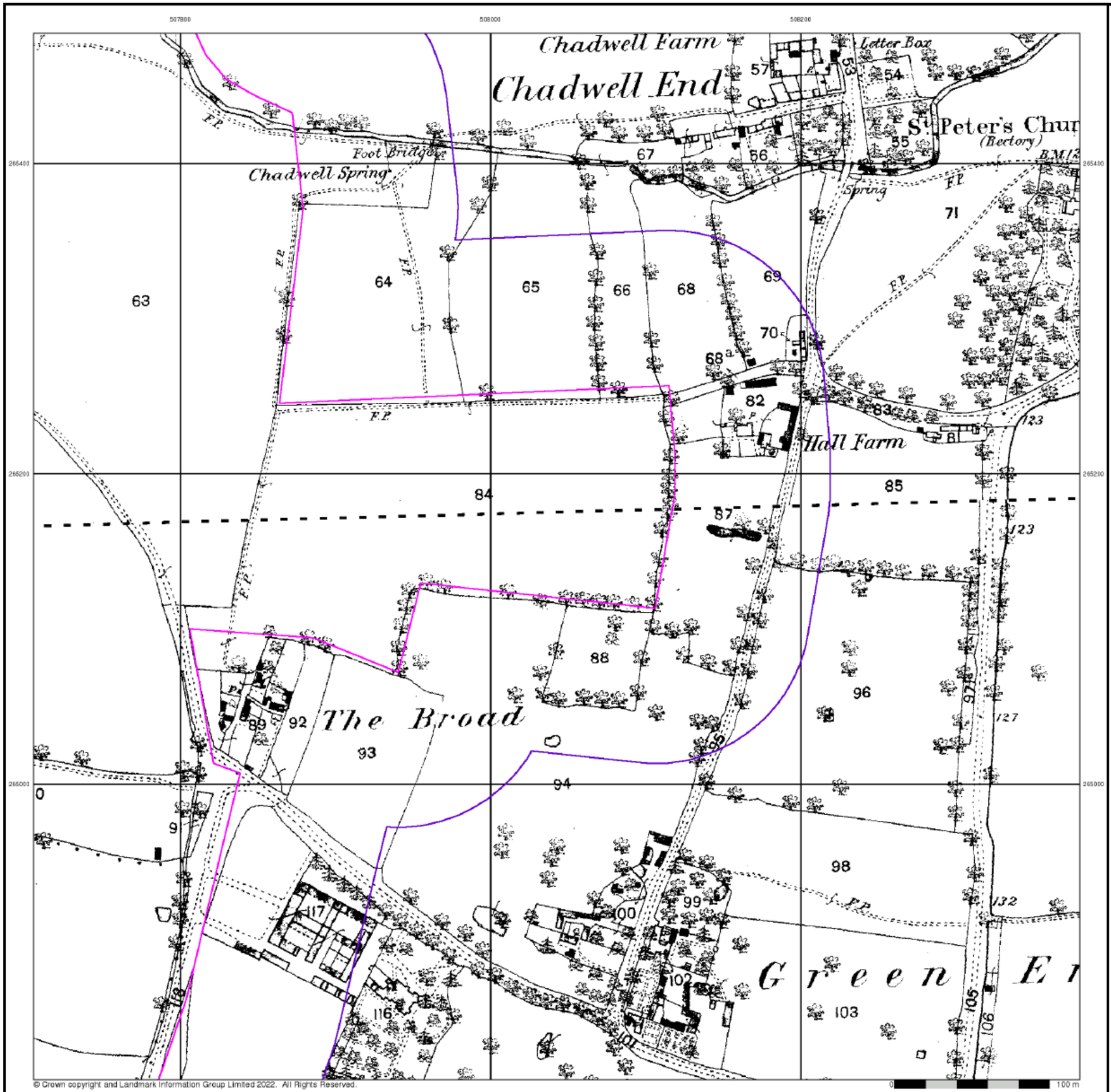

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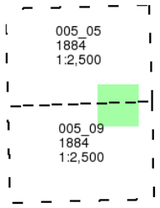
Bedfordshire

Published 1884

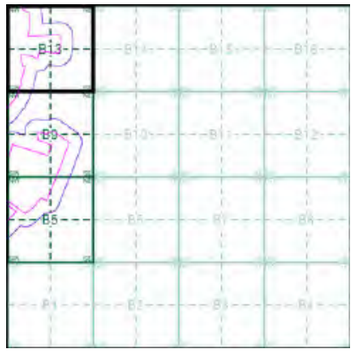
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B13



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

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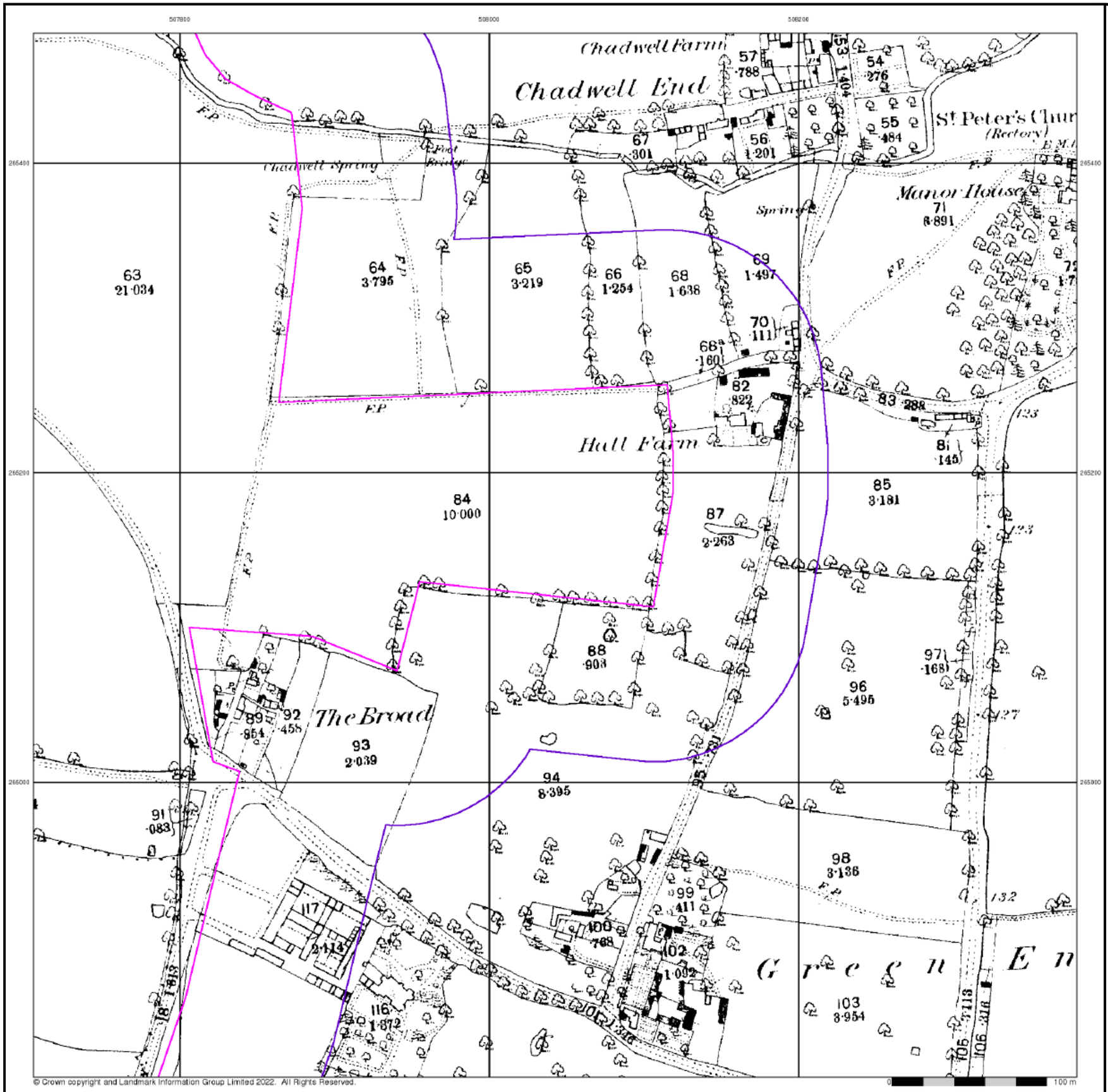

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Huntingdonshire

Published 1887

Source map scale - 1:2,500

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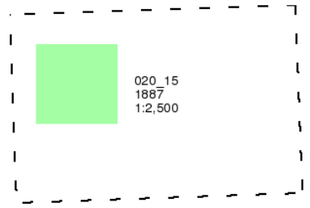
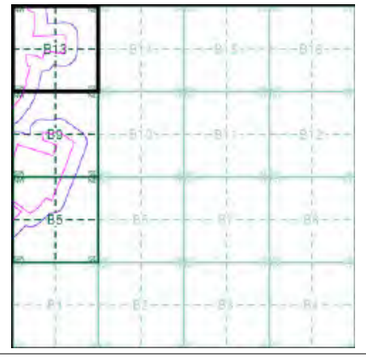


Historical Map - Segment B13



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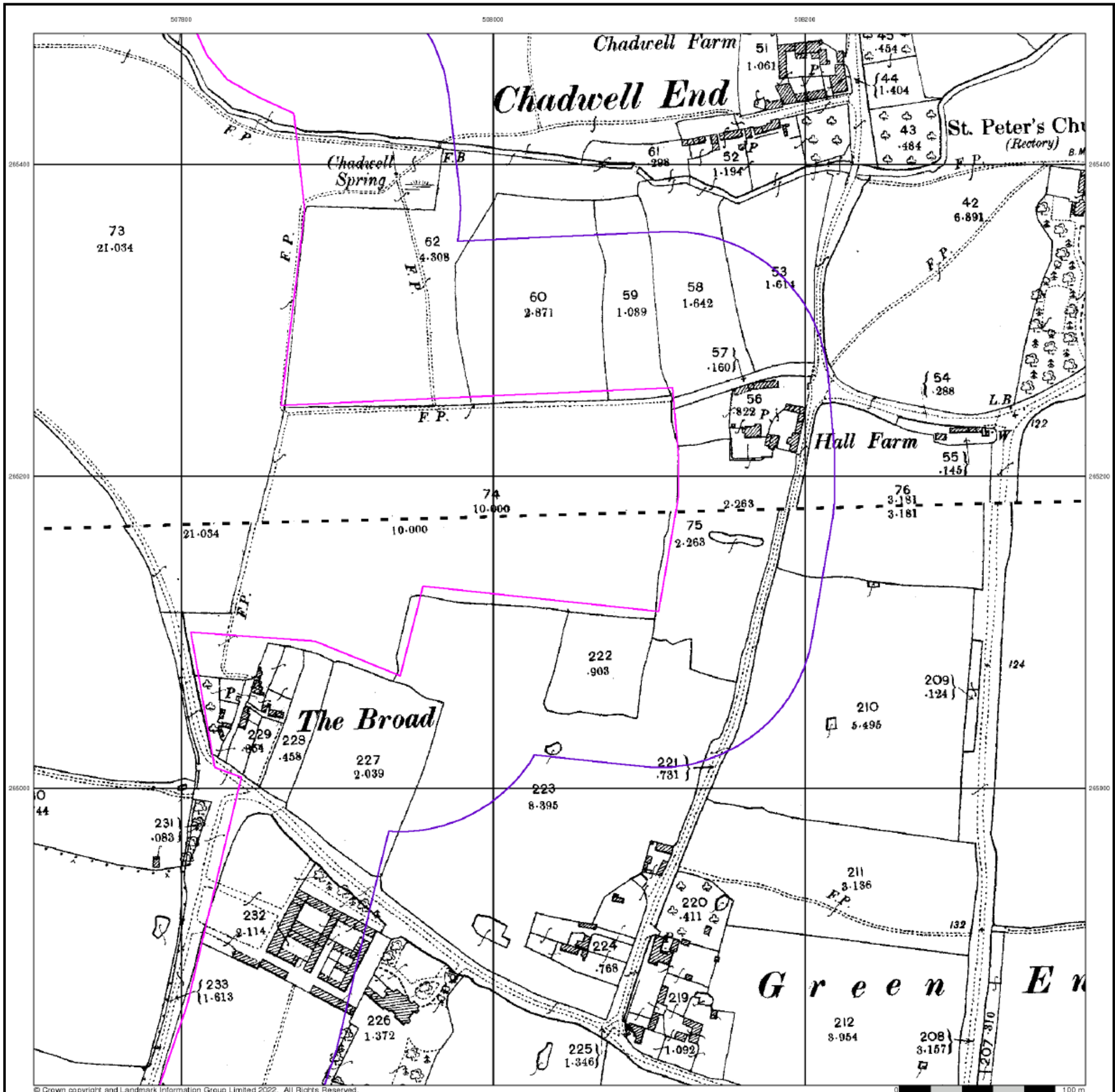

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Bedfordshire

Published 1901

Source map scale - 1:2,500

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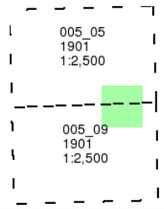
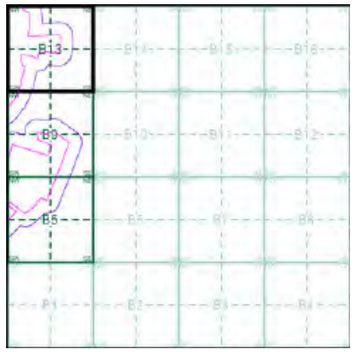


Historical Map - Segment B13



Order Details

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Search Buffer (m):	100

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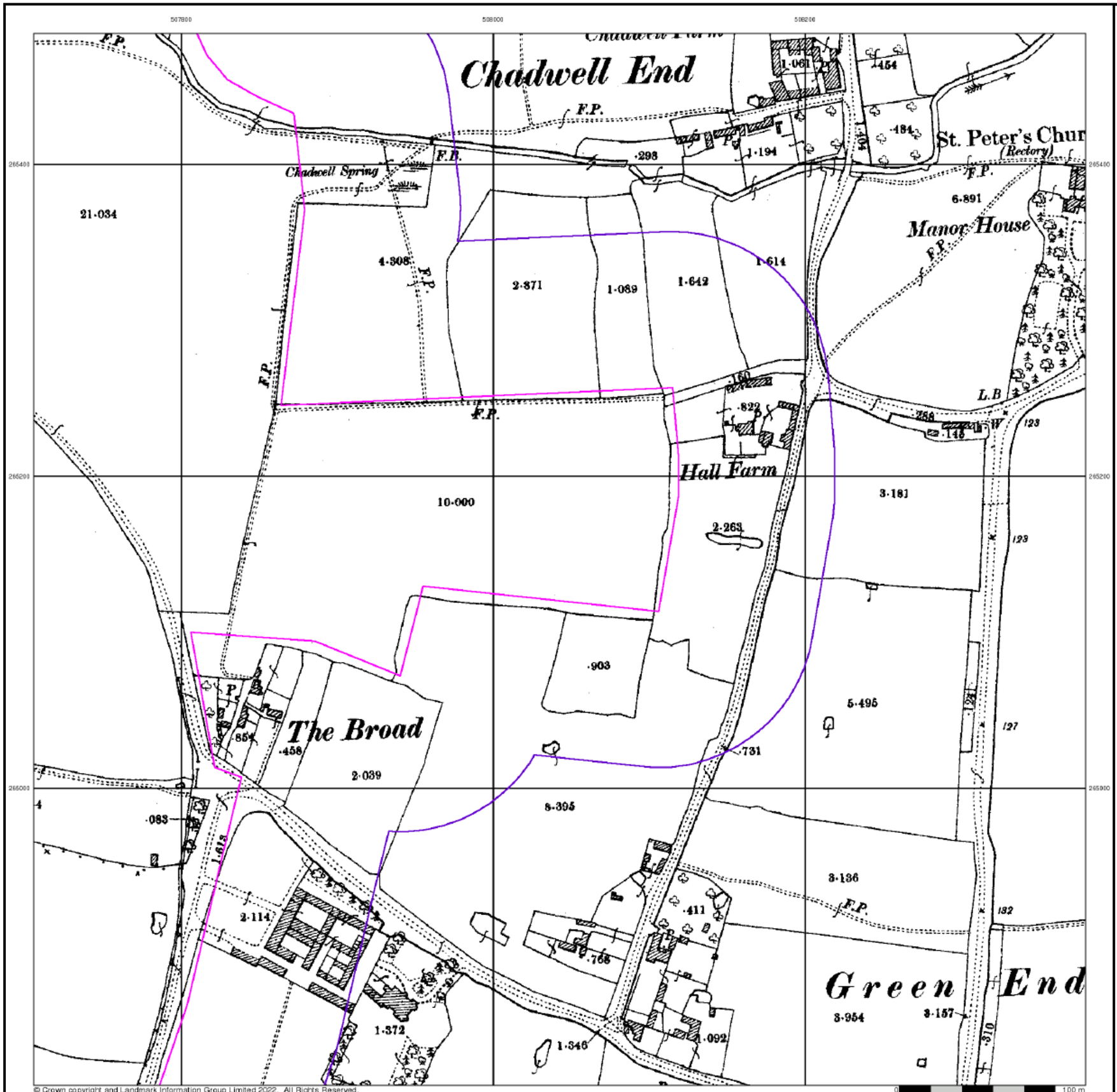

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Huntingdonshire

Published 1901

Source map scale - 1:2,500

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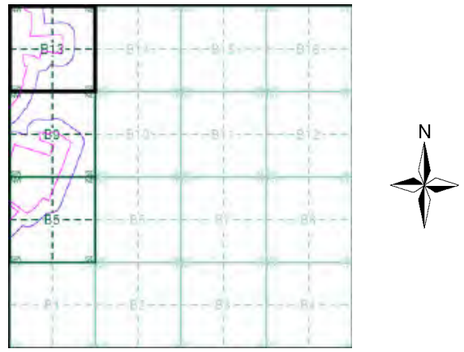
Map Name(s) and Date(s)

020_15
1901
1:2,500

Historical Map - Segment B13



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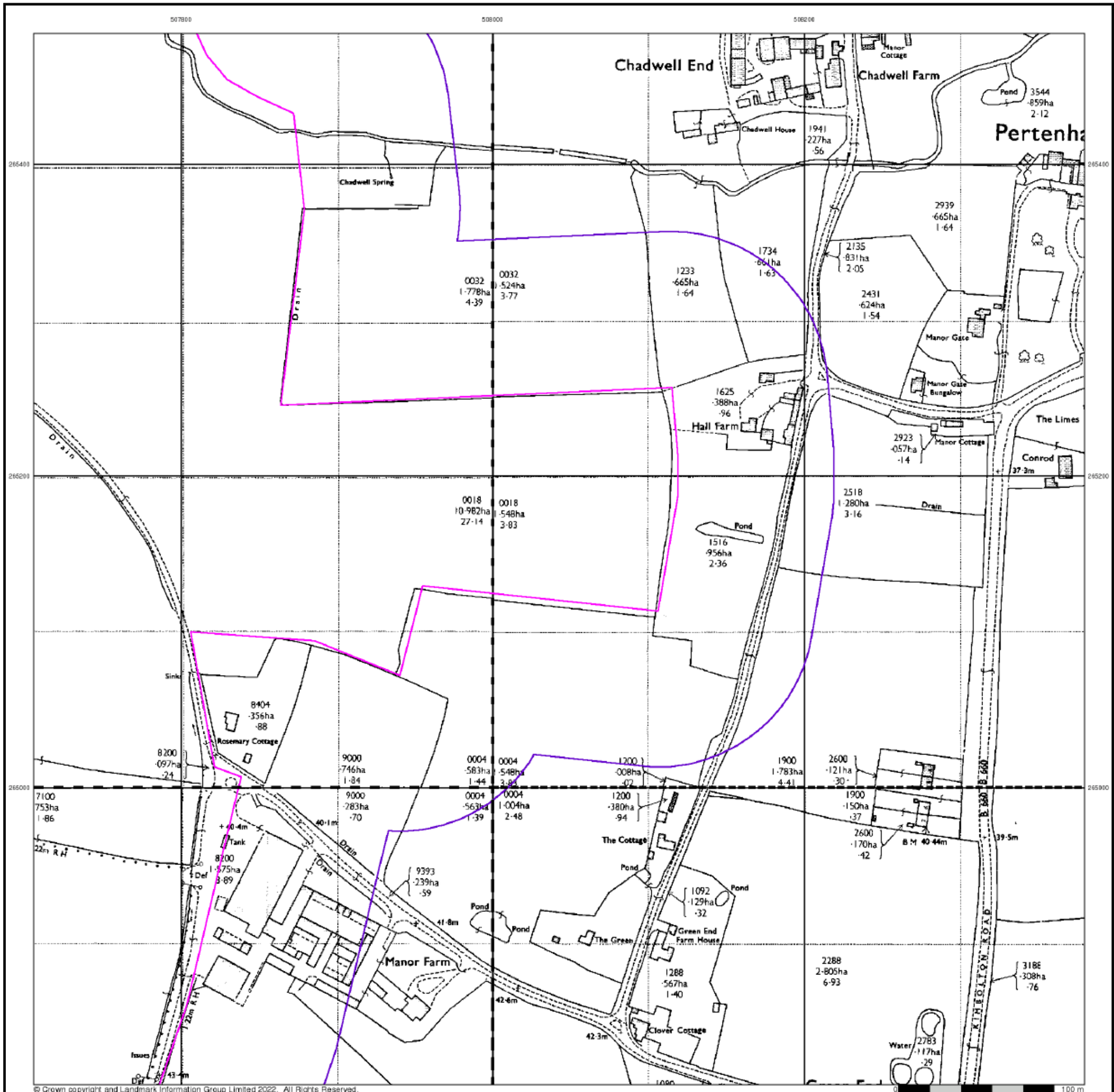

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Ordnance Survey Plan

Published 1979 - 1980

Source map scale - 1:2,500

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

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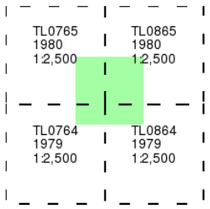
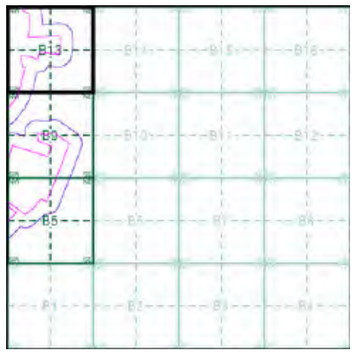


Historical Map - Segment B13



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Site Details

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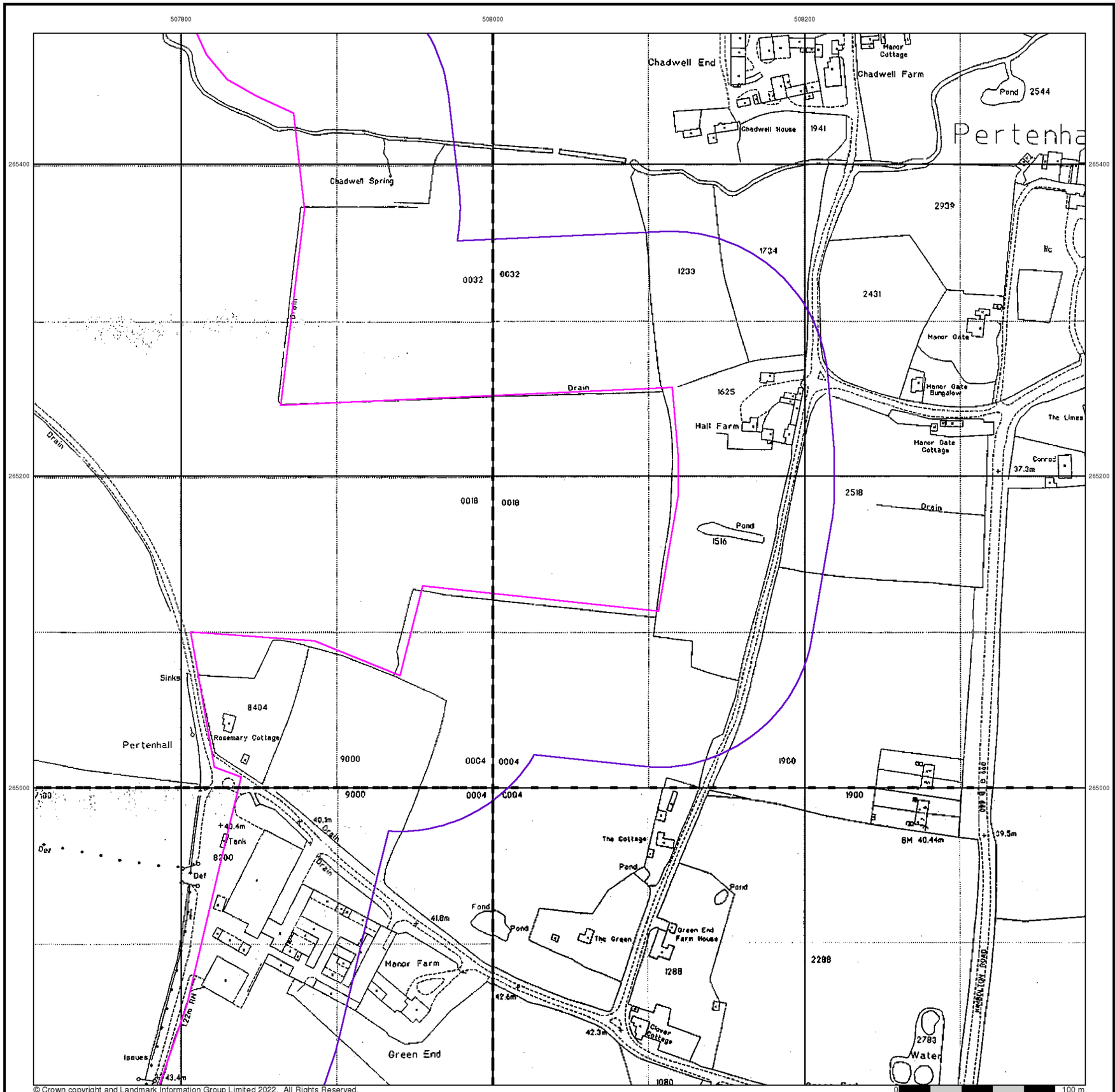

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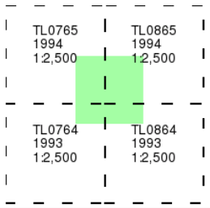
Large-Scale National Grid Data

Published 1993 - 1994

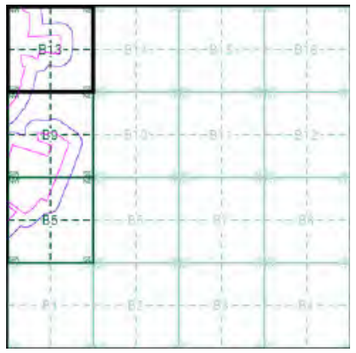
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B13



Order Details

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Customer Ref:	R3035
National Grid Reference:	508130, 264470
Slice:	B
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

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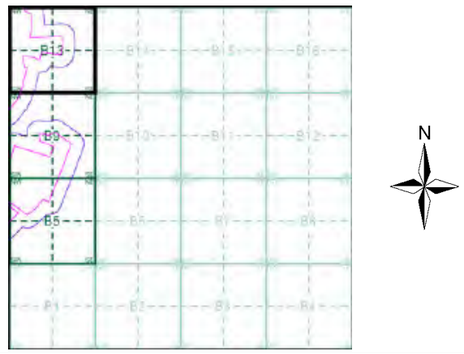
Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment B13



Order Details

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Site Details

Area A

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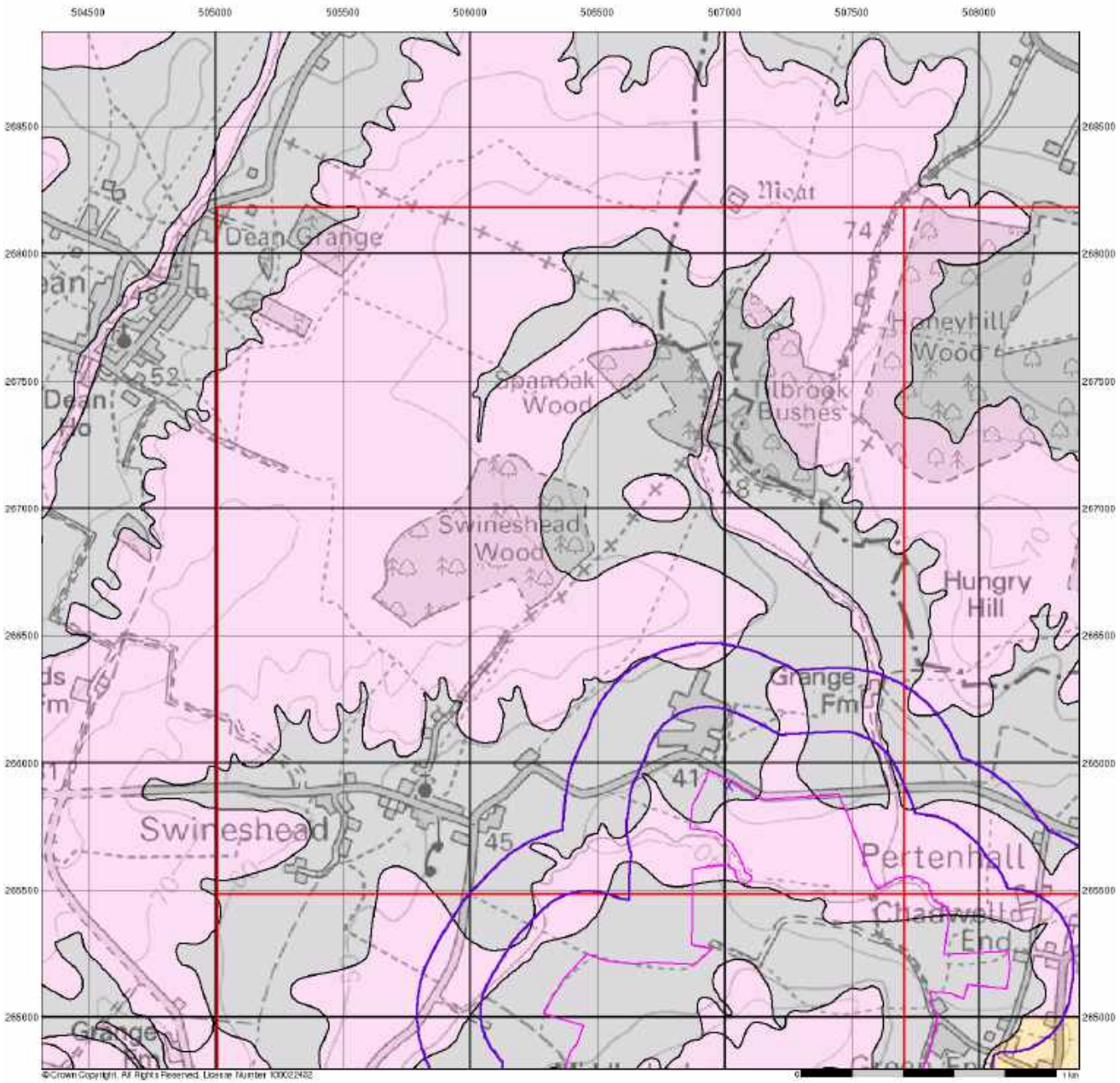

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LANDMARK INFORMATION GROUP

Groundwater Vulnerability

General

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

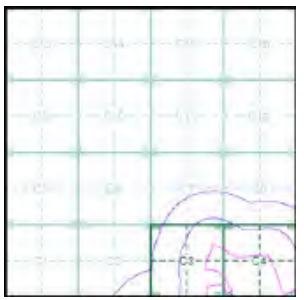
Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice C



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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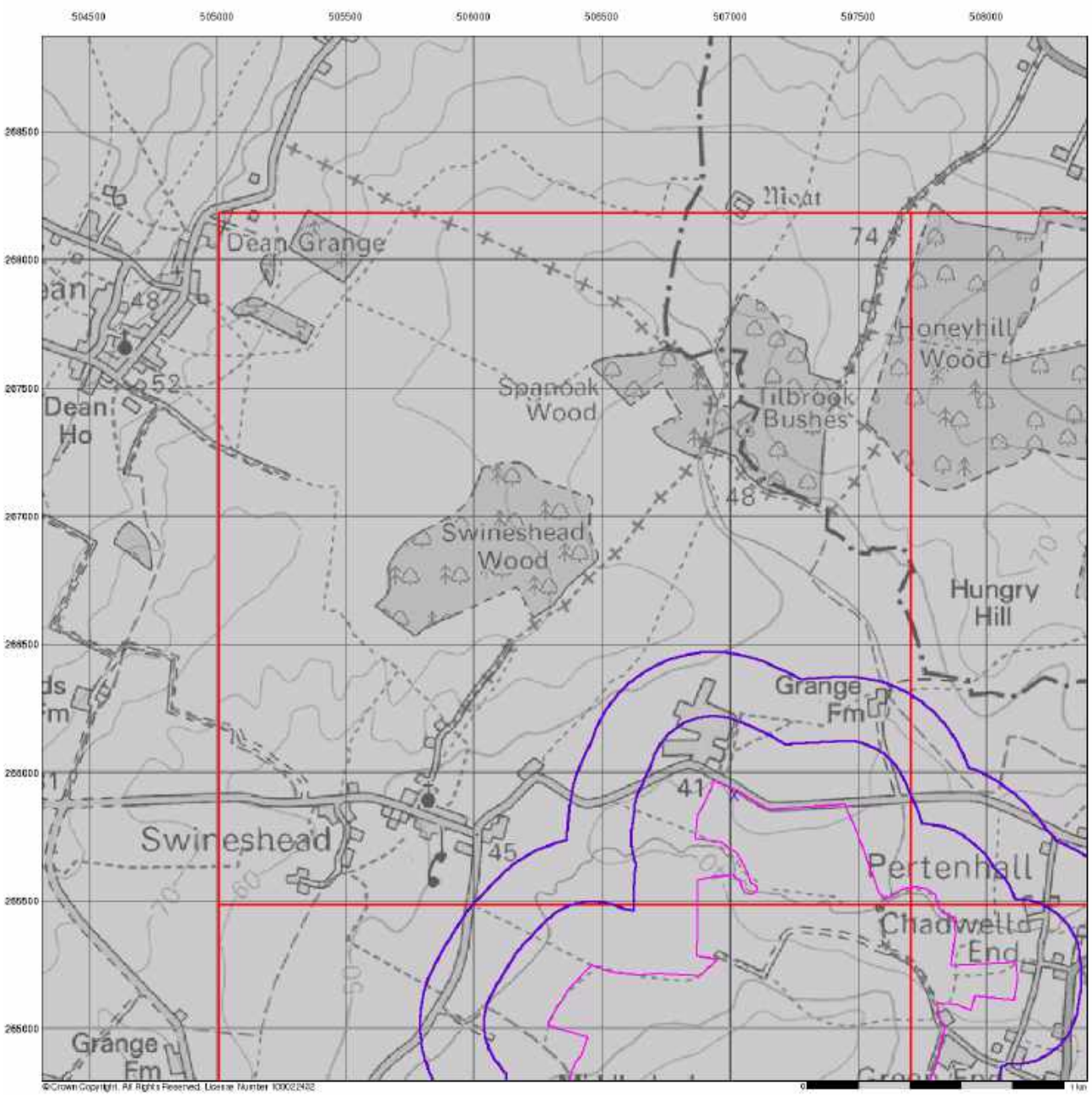
Web: www.envirocheck.co.uk



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LANDMARK INFORMATION GROUP

Bedrock Aquifer Designation

General

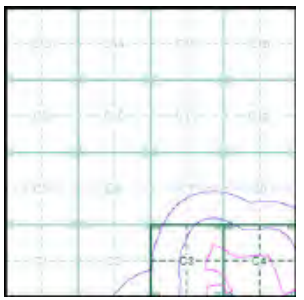
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice C



Order Details

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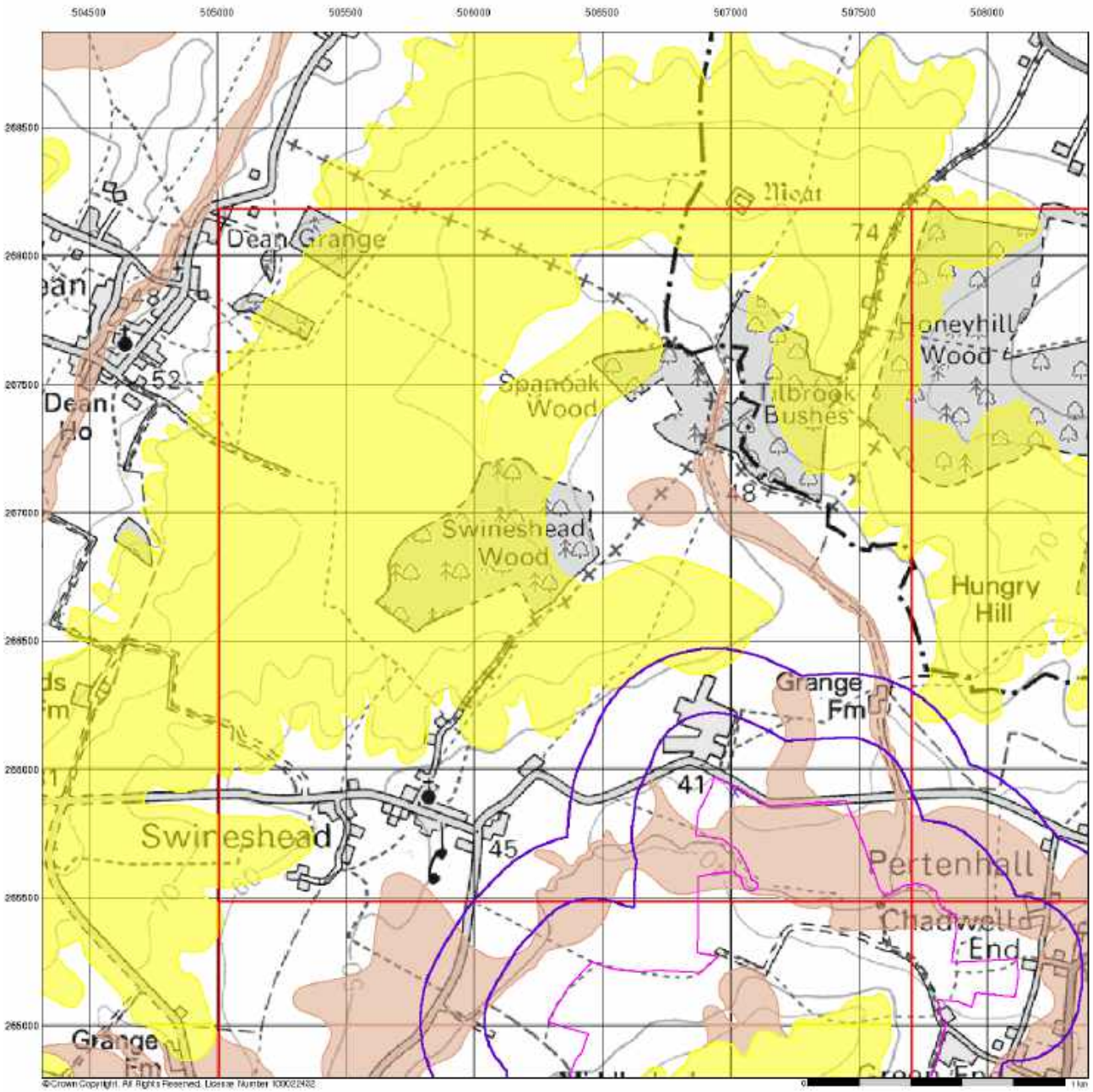

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LANDMARK INFORMATION GROUP

Superficial Aquifer Designation

General

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

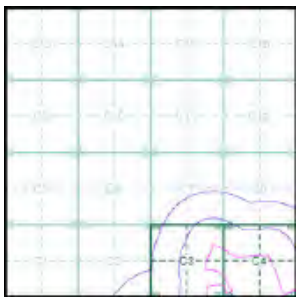
Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice C



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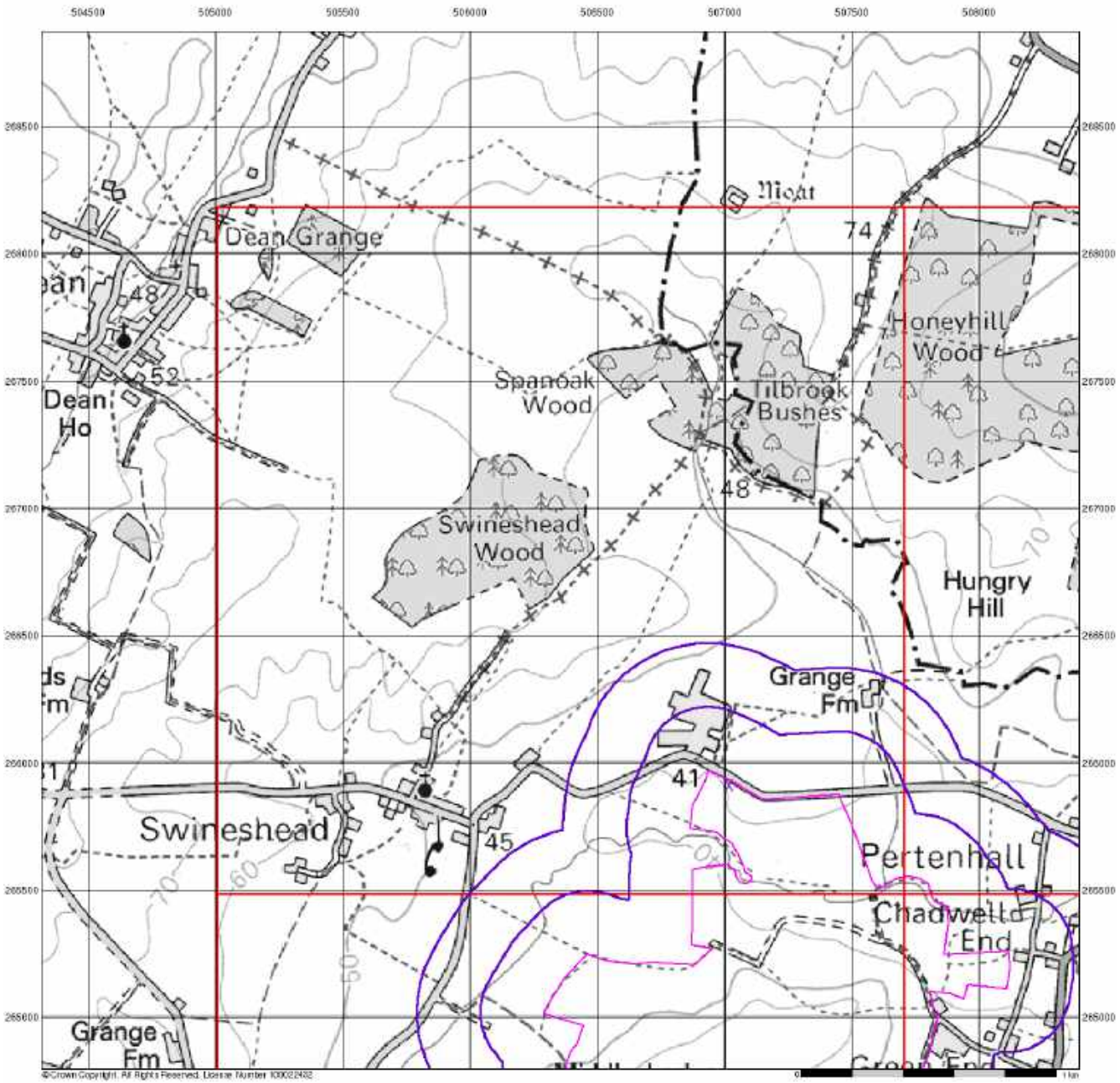

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Source Protection Zones

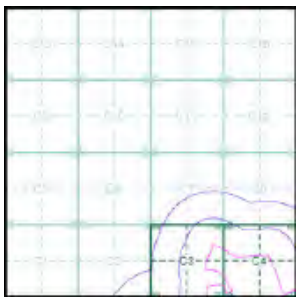
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice C



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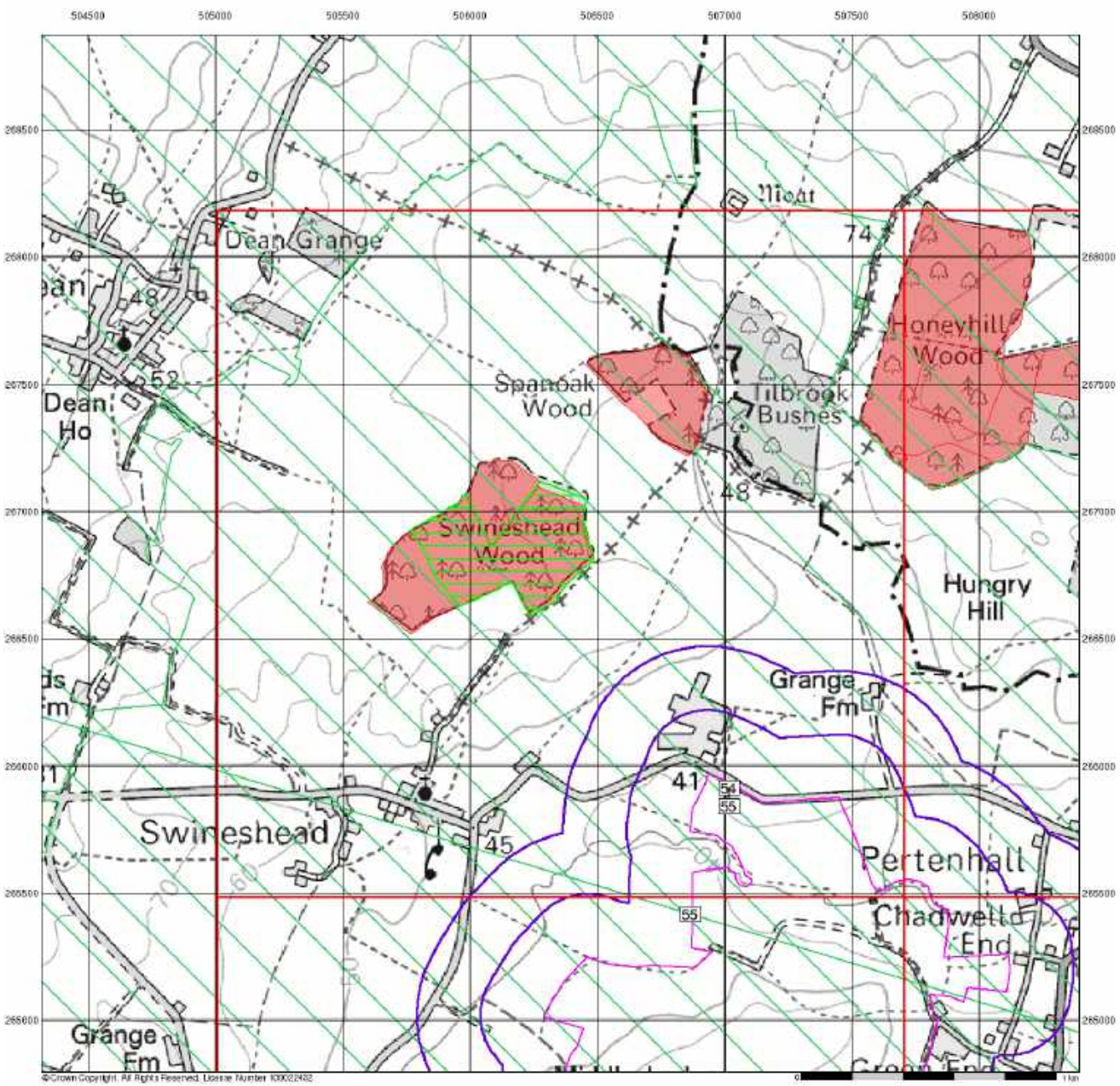

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Sensitive Land Uses

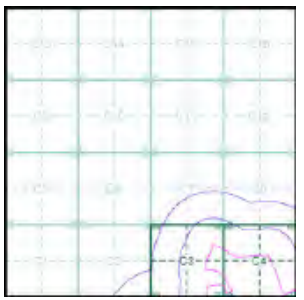
General

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

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice C



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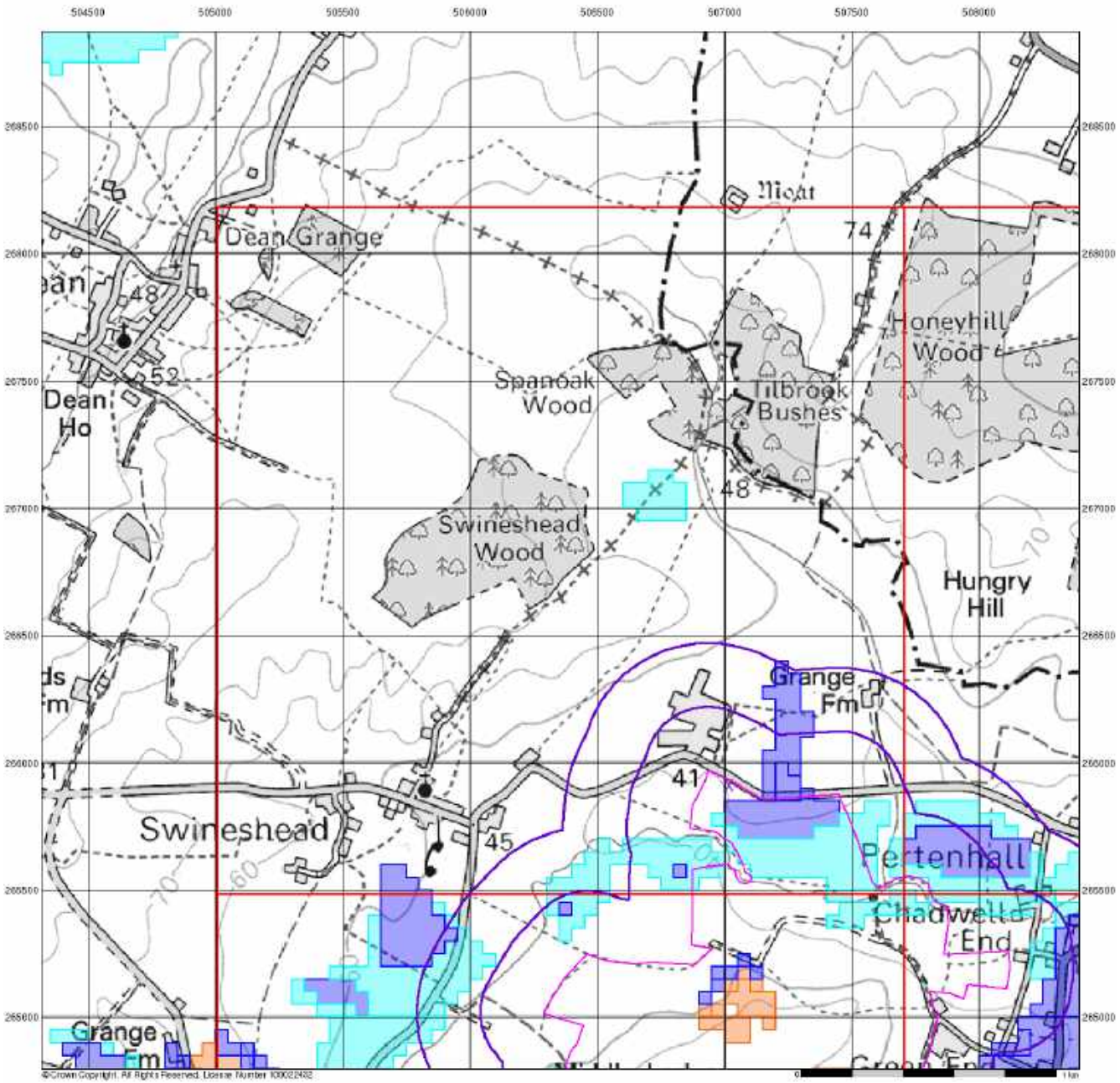

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BGS Flood GFS Data

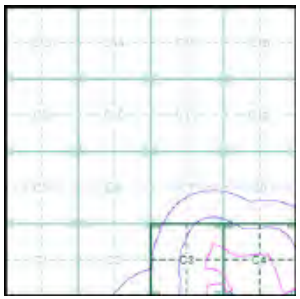
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice C



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Search Buffer (m):	500

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Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay and Silt	Not Supplied - Holocene
	ODT	Oadby Member	Diamicton	Not Supplied - Anglian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	OXC	Oxford Clay Formation	Mudstone	Not Supplied - Callovian

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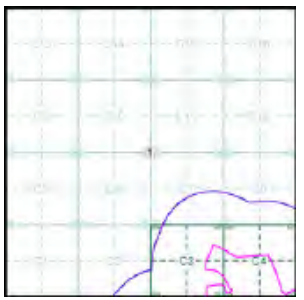
Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID: 1
Map Sheet No: 186
Map Name: Wellingborough
Map Date: 2007
Bedrock Geology: Available
Superficial Geology: Available
Artificial Geology: Available
Faults: Not Supplied
Landslip: Available
Rock Segments: Not Supplied

Geology 1:50,000 Maps - Slice C



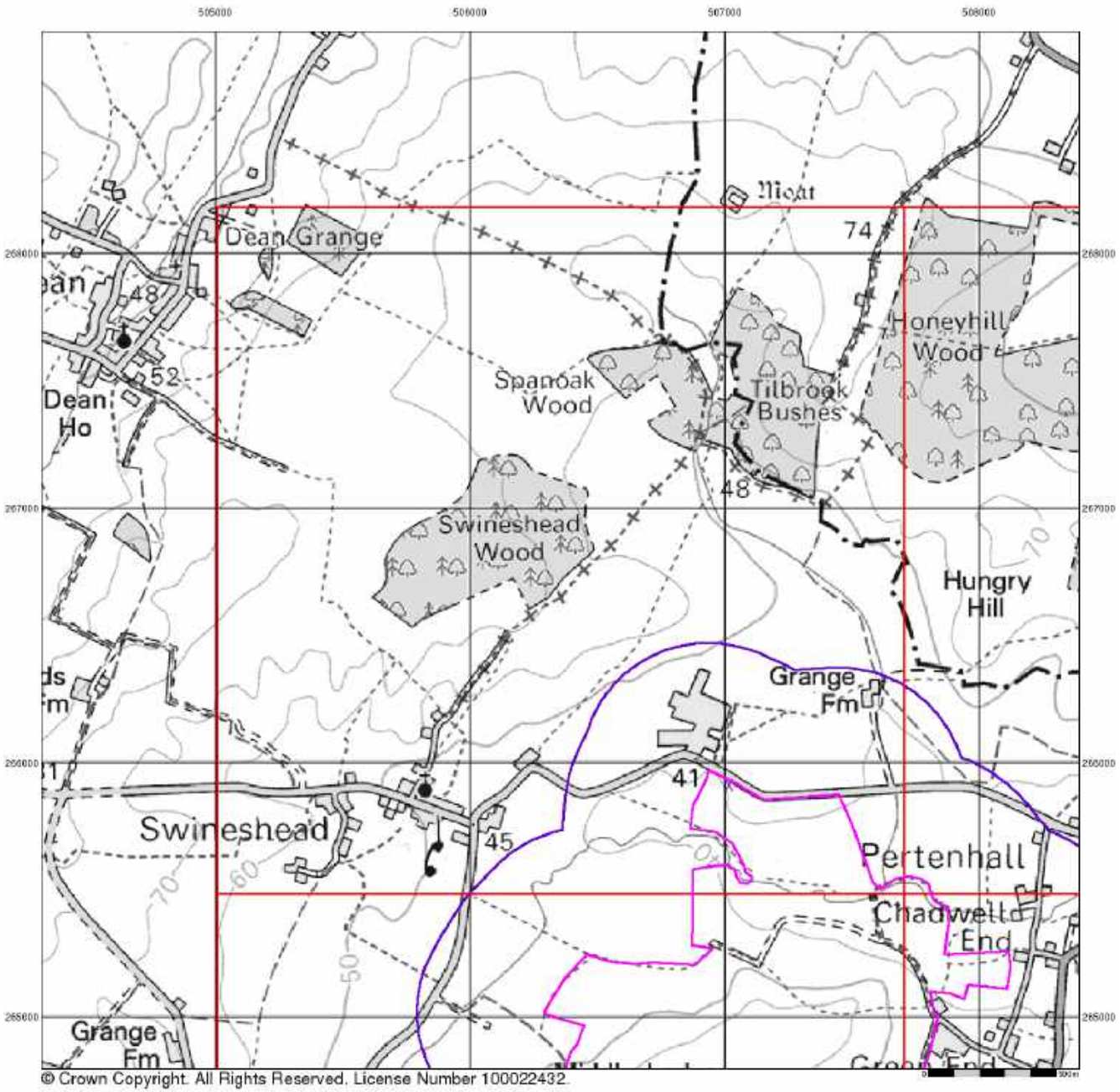
Order Details:

Order Number: 299346790_1_1
Customer Reference: R3035
National Grid Reference: 507020, 265910
Slice: C
Site Area (Ha): 255.74
Search Buffer (m): 500

Site Details:

Area A

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



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Artificial Ground and Landslip

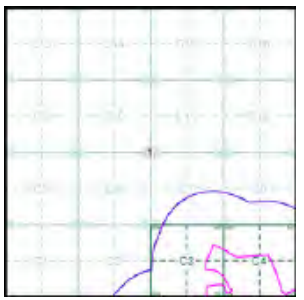
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice C



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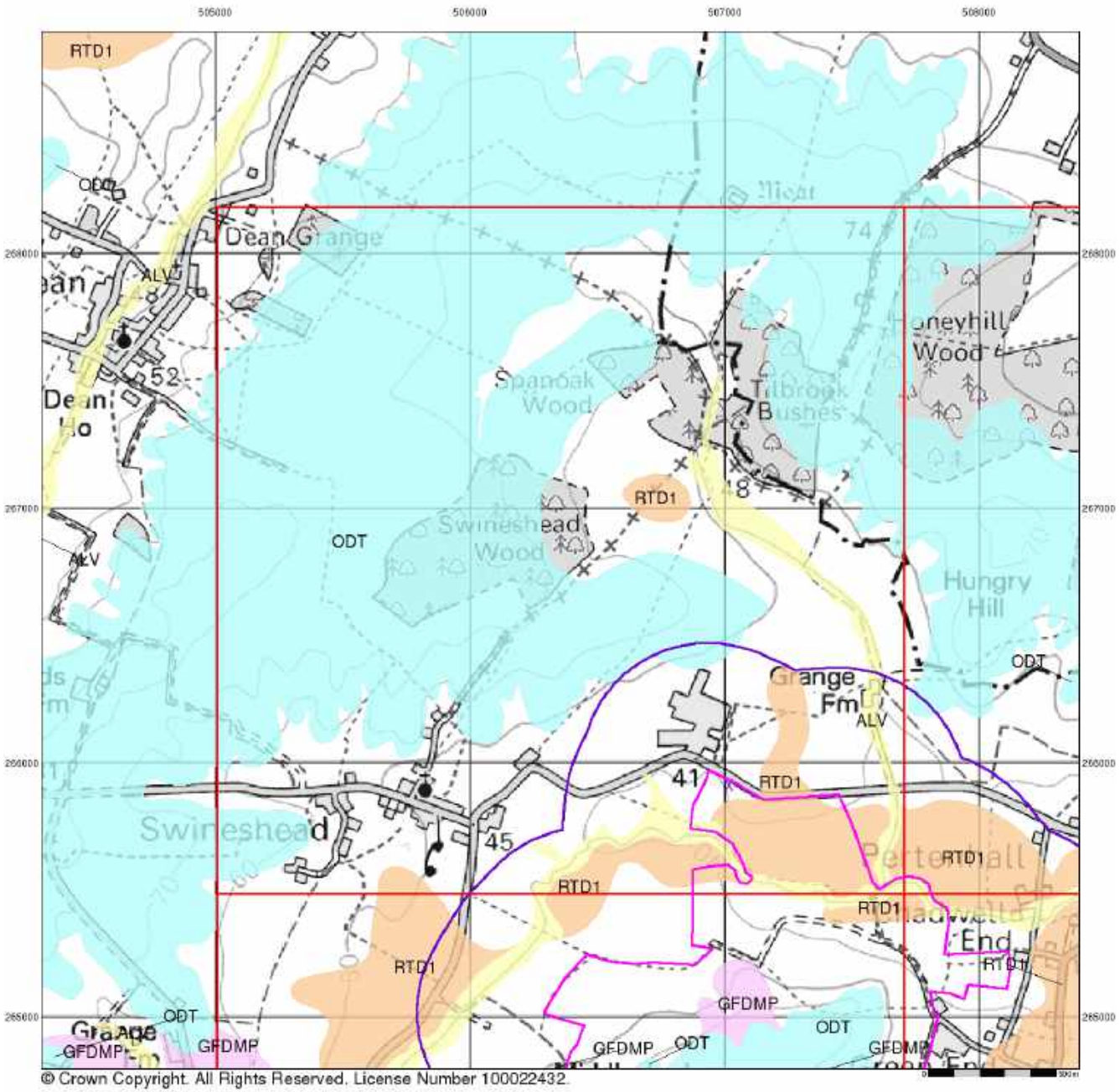

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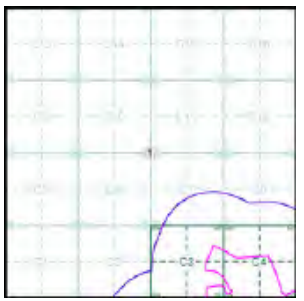
Superficial Geology

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

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

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

Superficial Geology Map - Slice C



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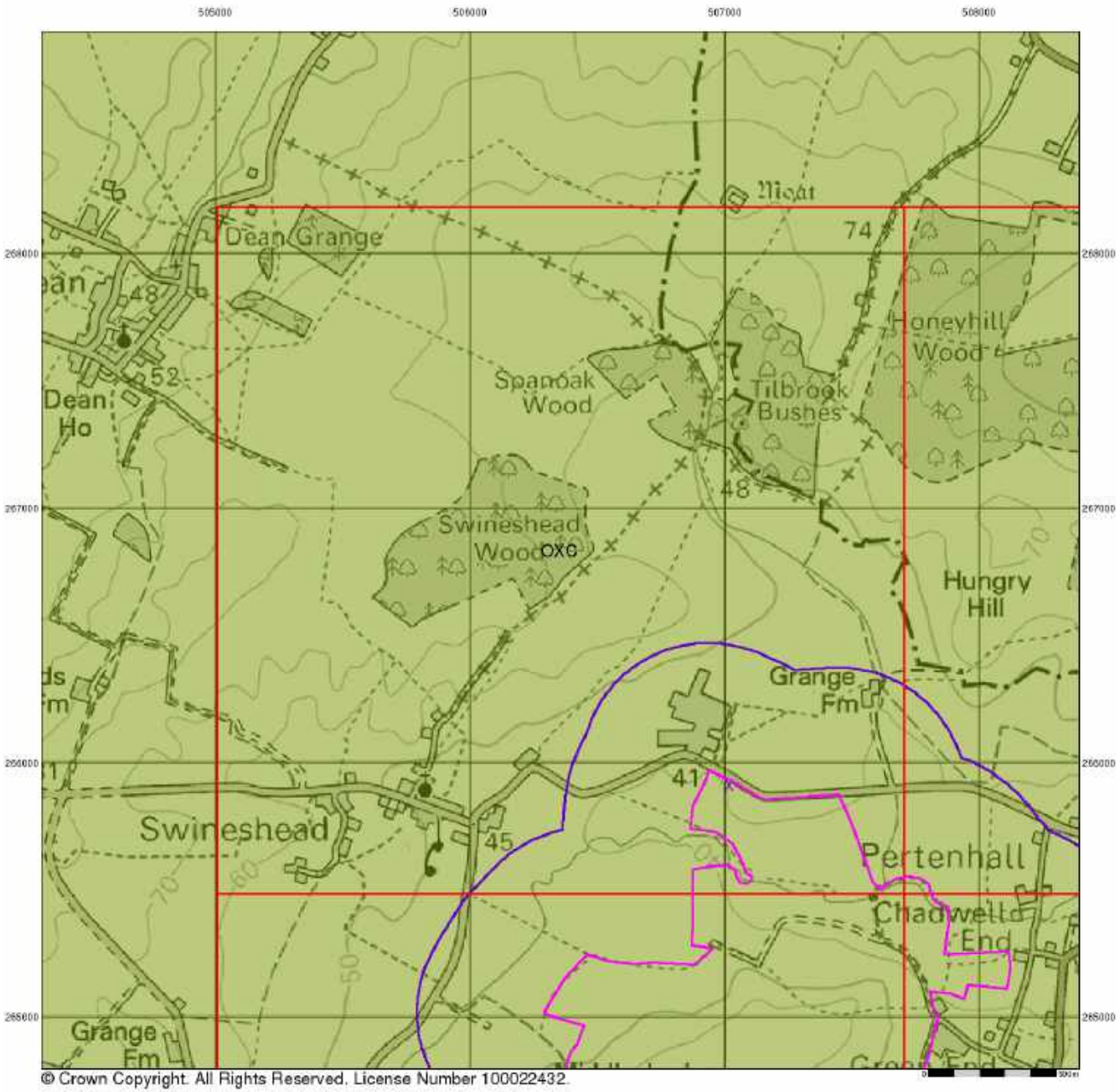

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Bedrock and Faults

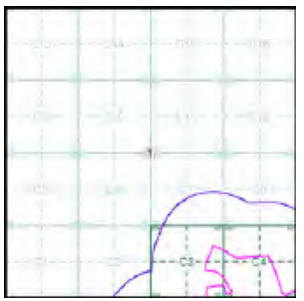
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice C



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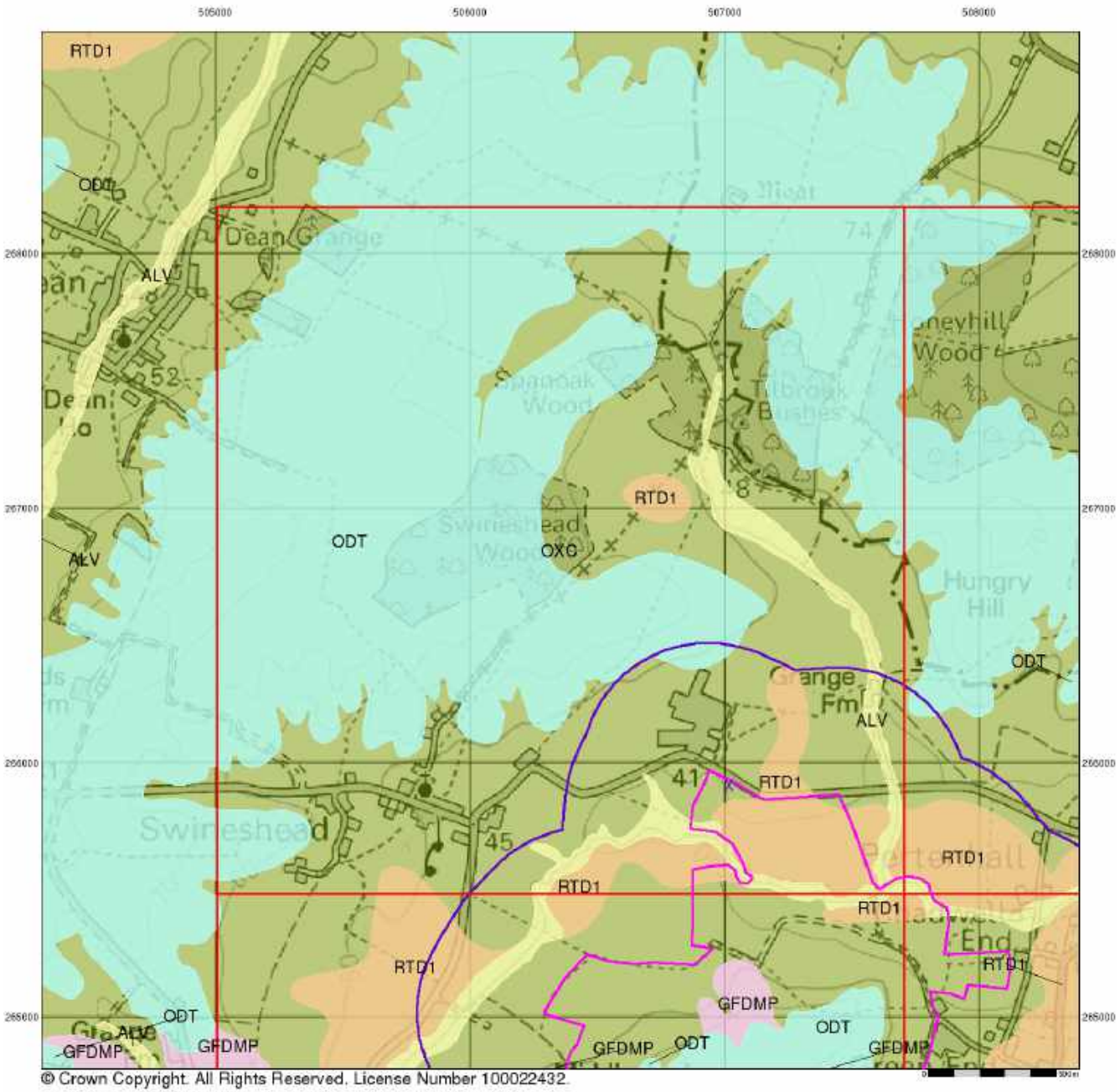

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Combined Surface Geology

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

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

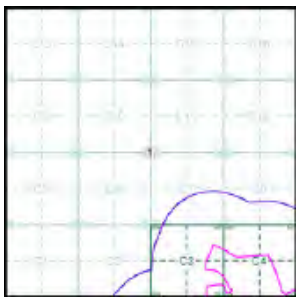
Additional Information

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

Contact

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

Combined Geology Map - Slice C



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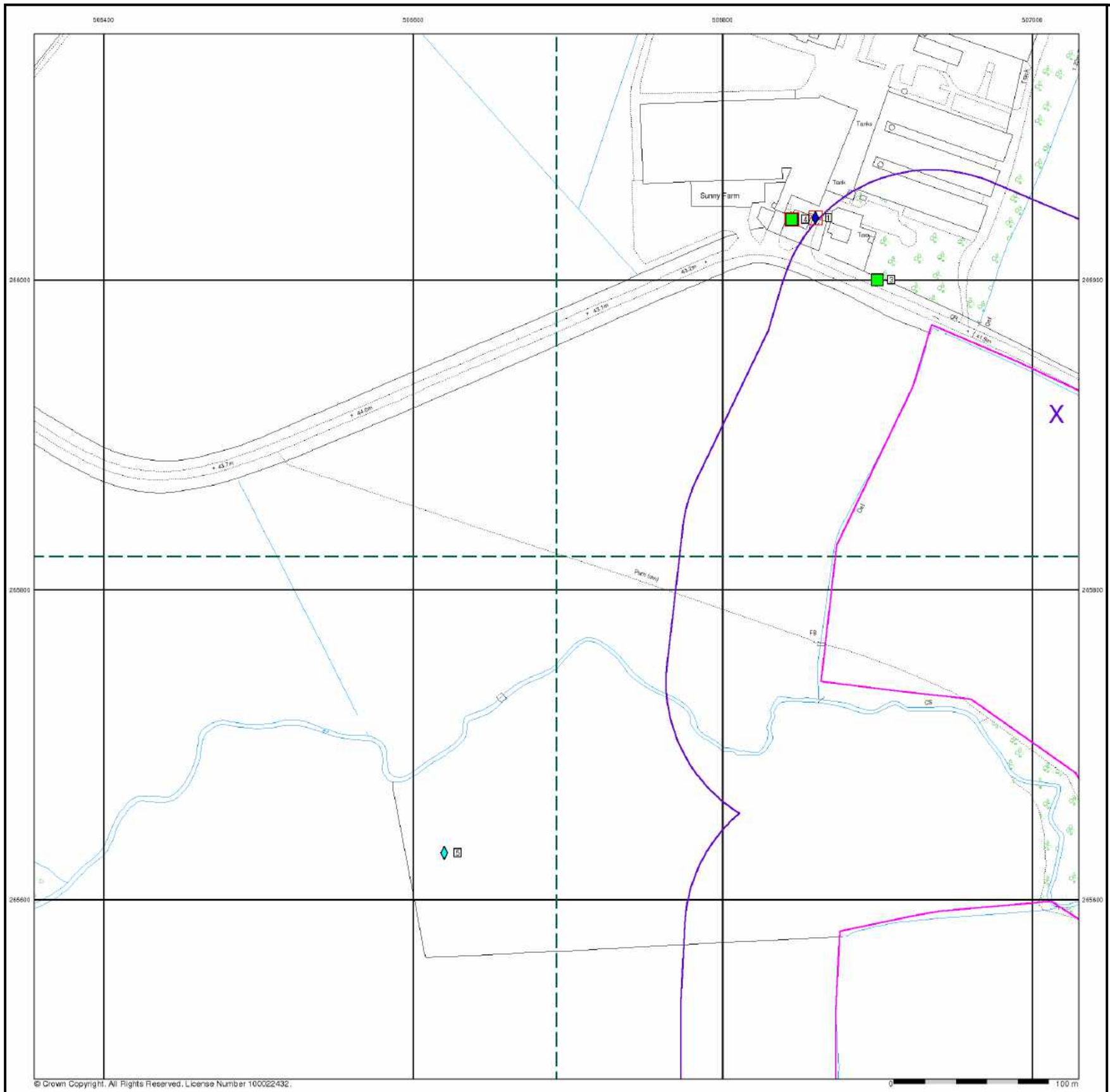
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details:

Area A



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General

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

Agency and Hydrological

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

Hazardous Substances

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

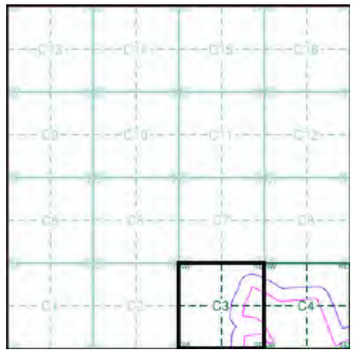
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment C3



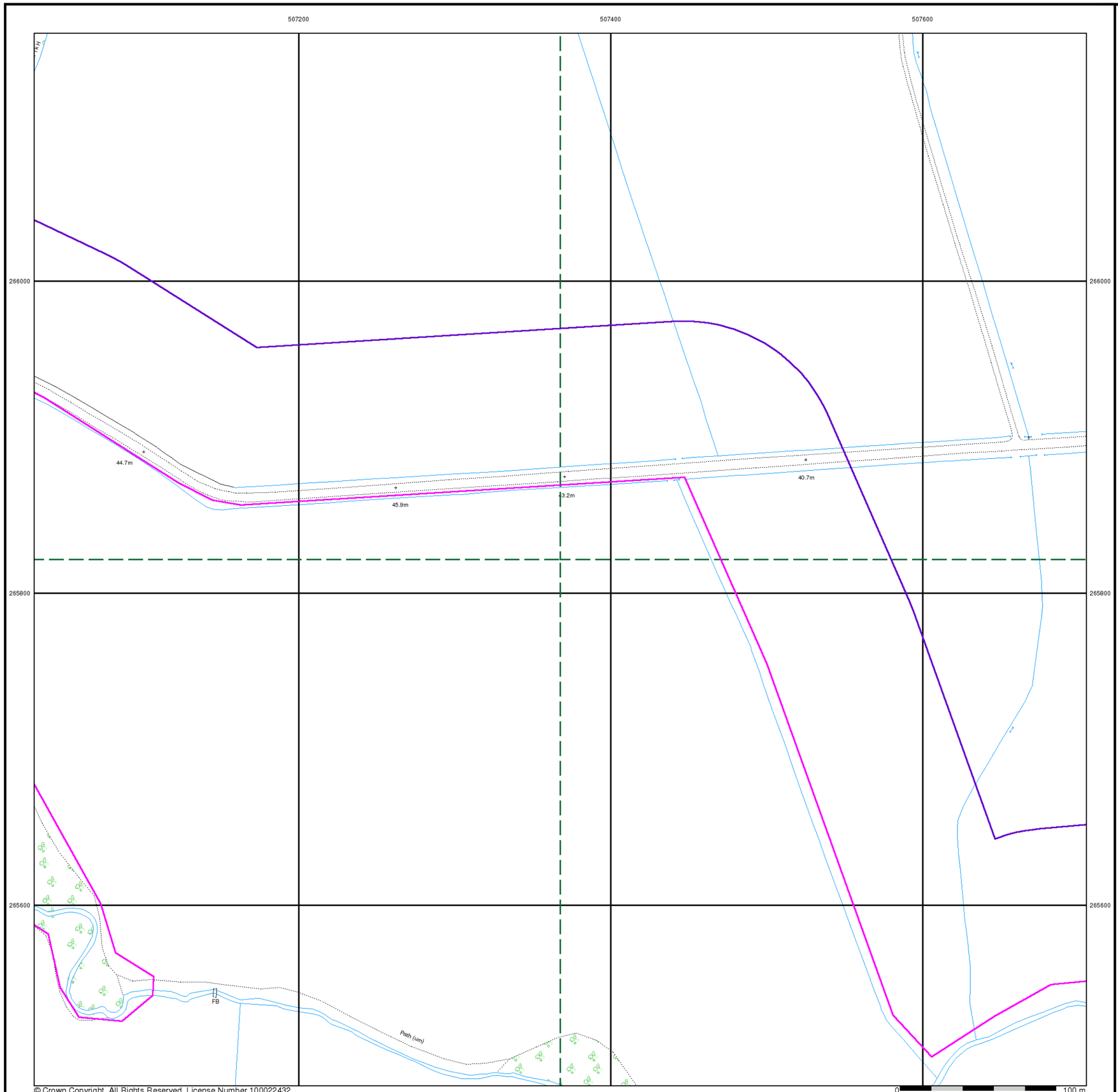
Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

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



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General

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

Agency and Hydrological

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

Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Waste

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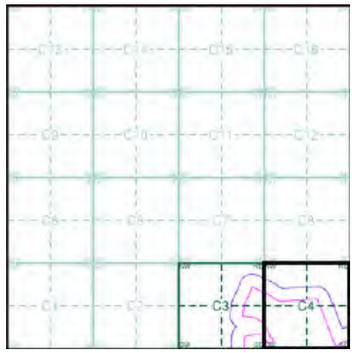
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment C4



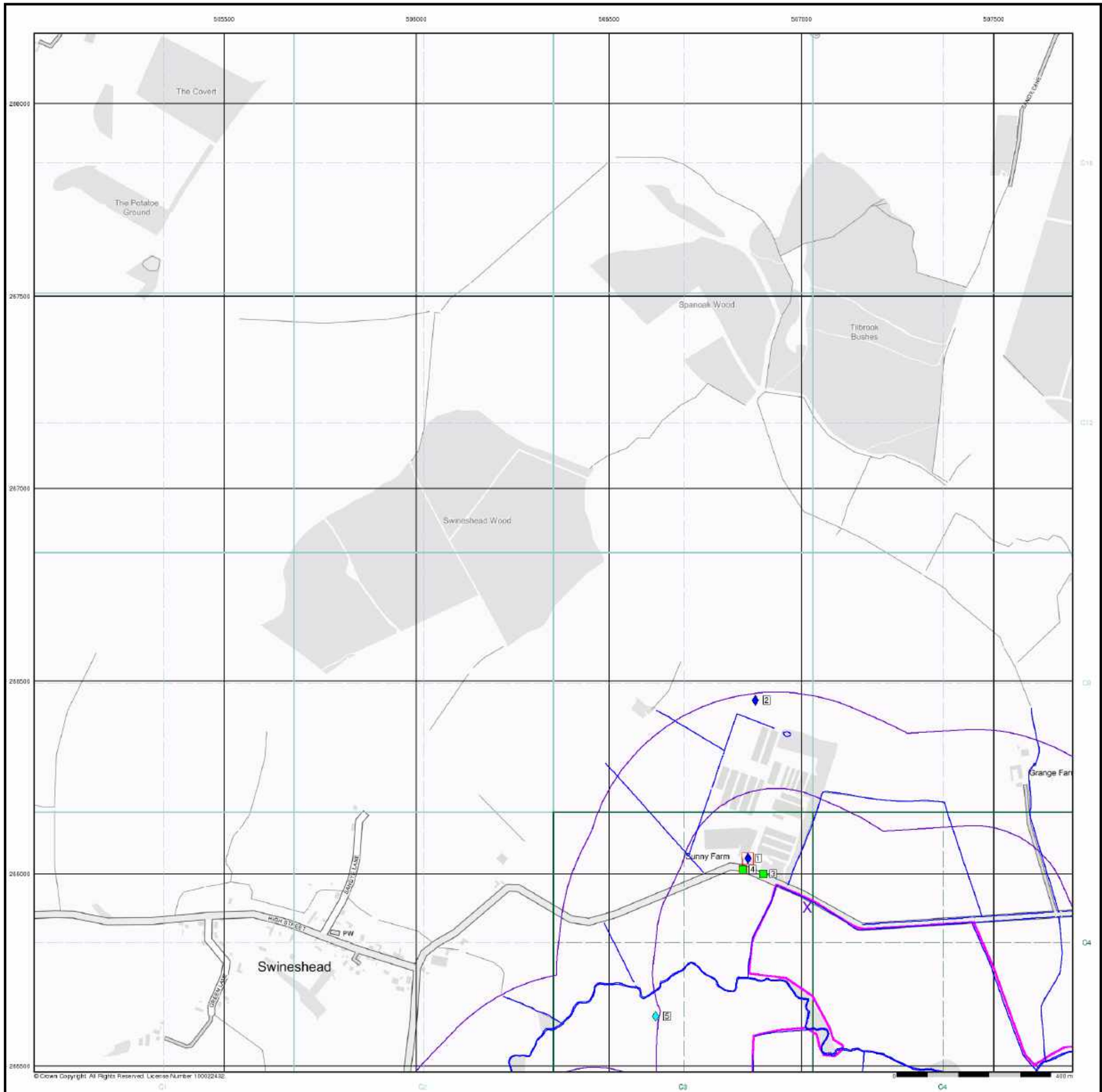
Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

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



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General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
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- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
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Geological

- BGS Recorded Mineral Site

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- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
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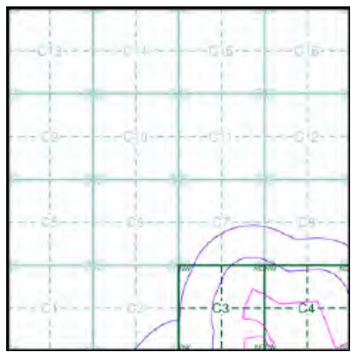
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice C



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Search Buffer (m):	500

Site Details

Area A

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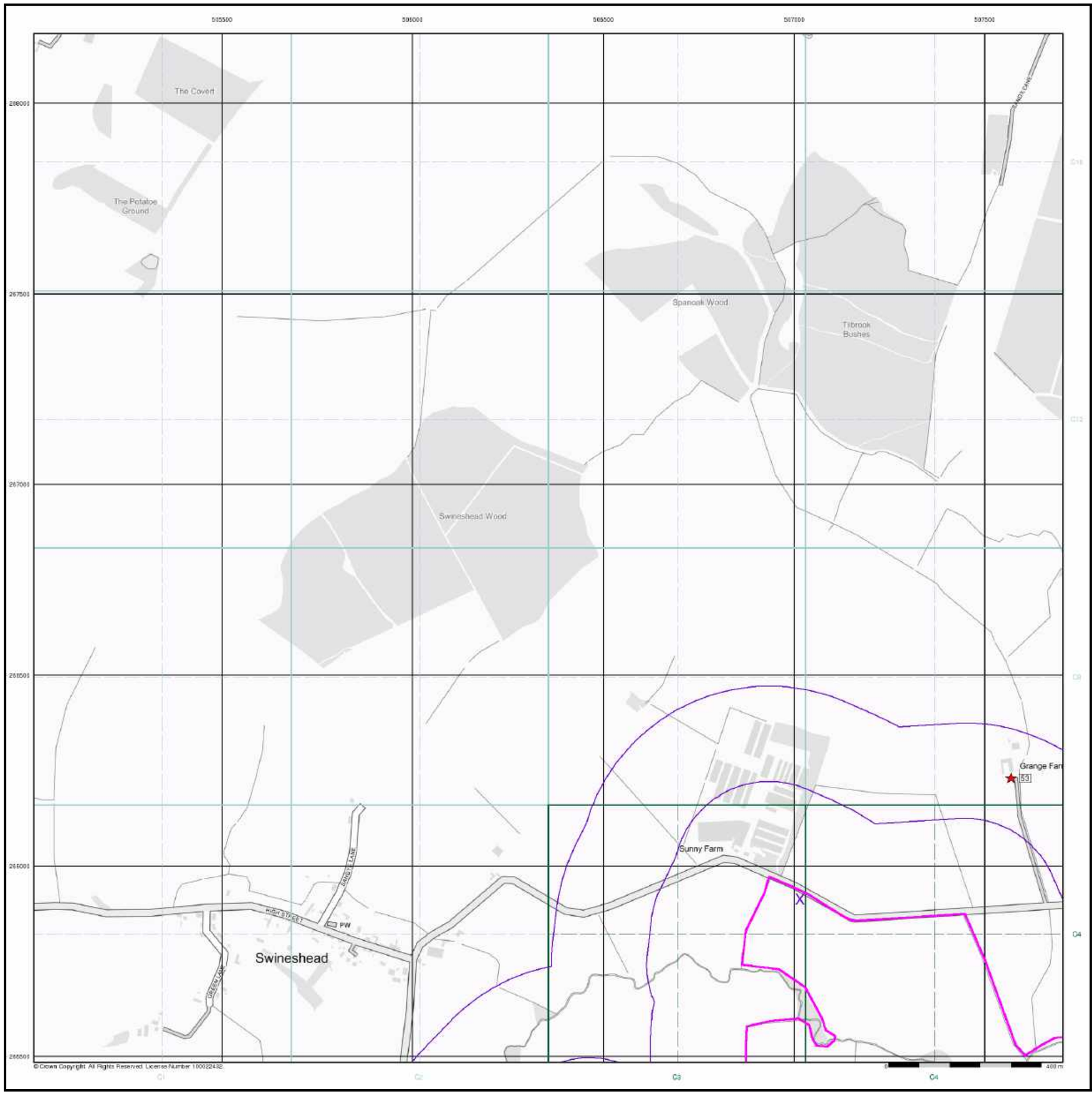

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Industrial Land Use Map

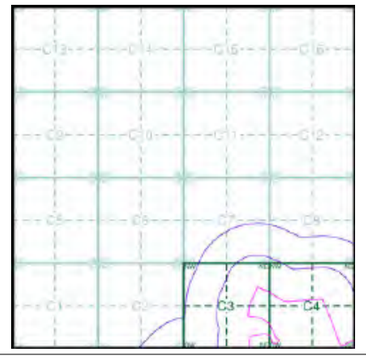
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice C



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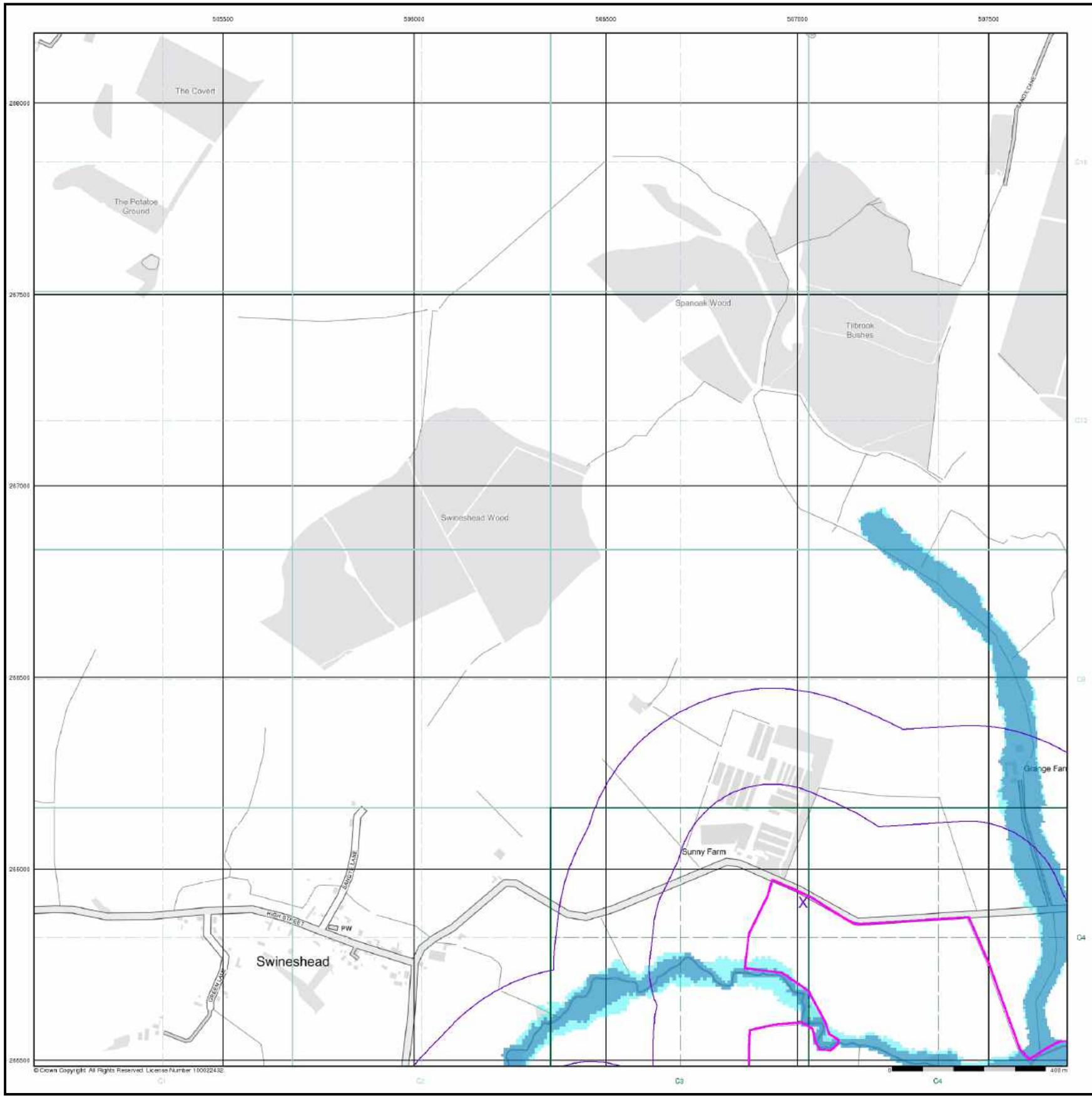

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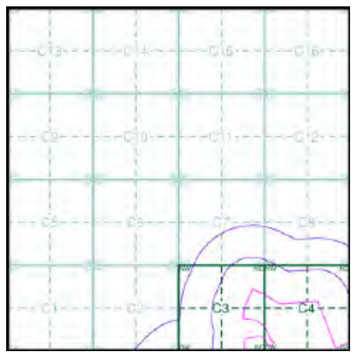
General

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

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice C



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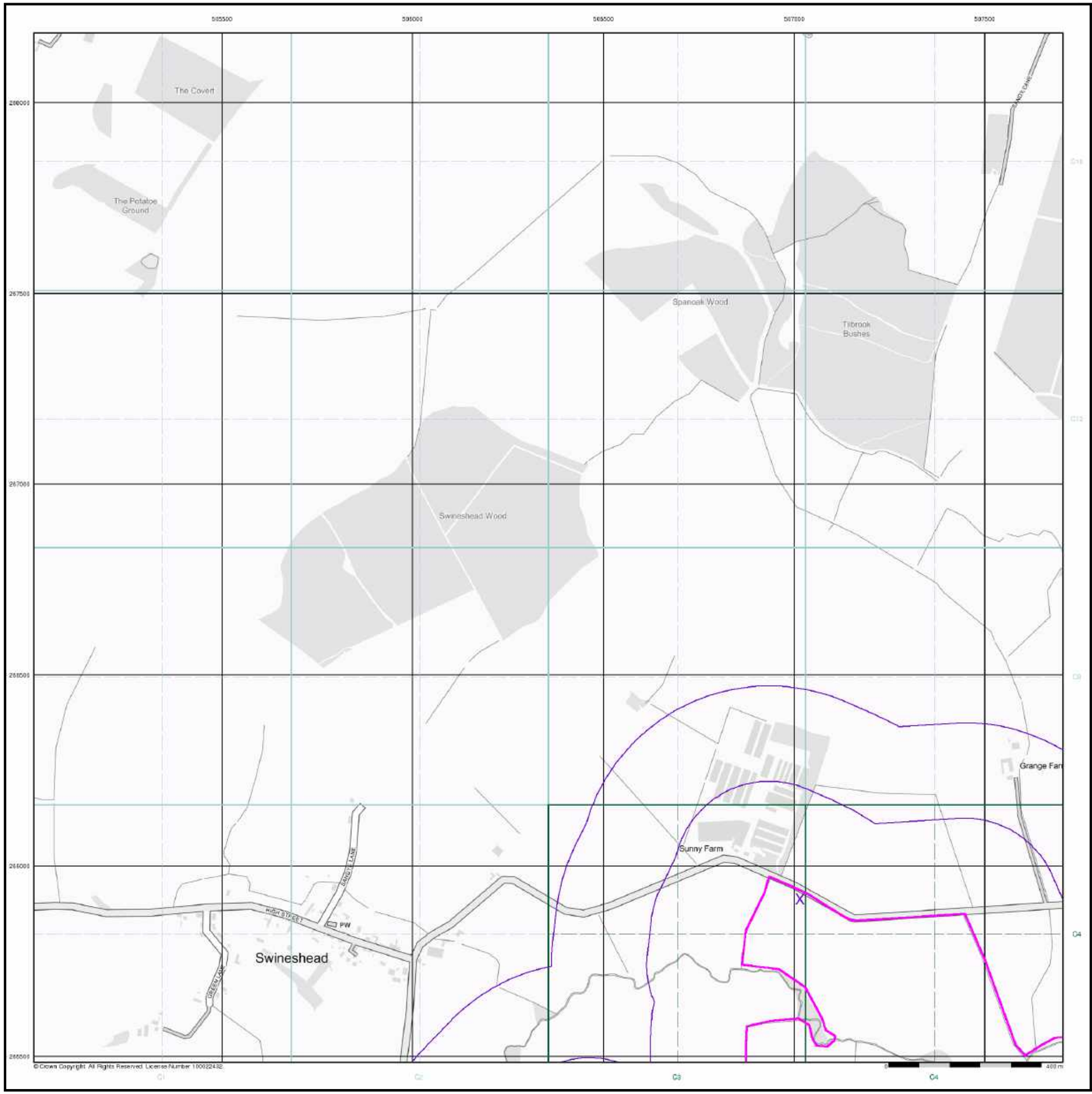

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General

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

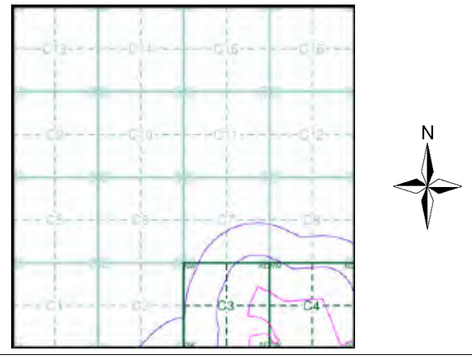
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice C



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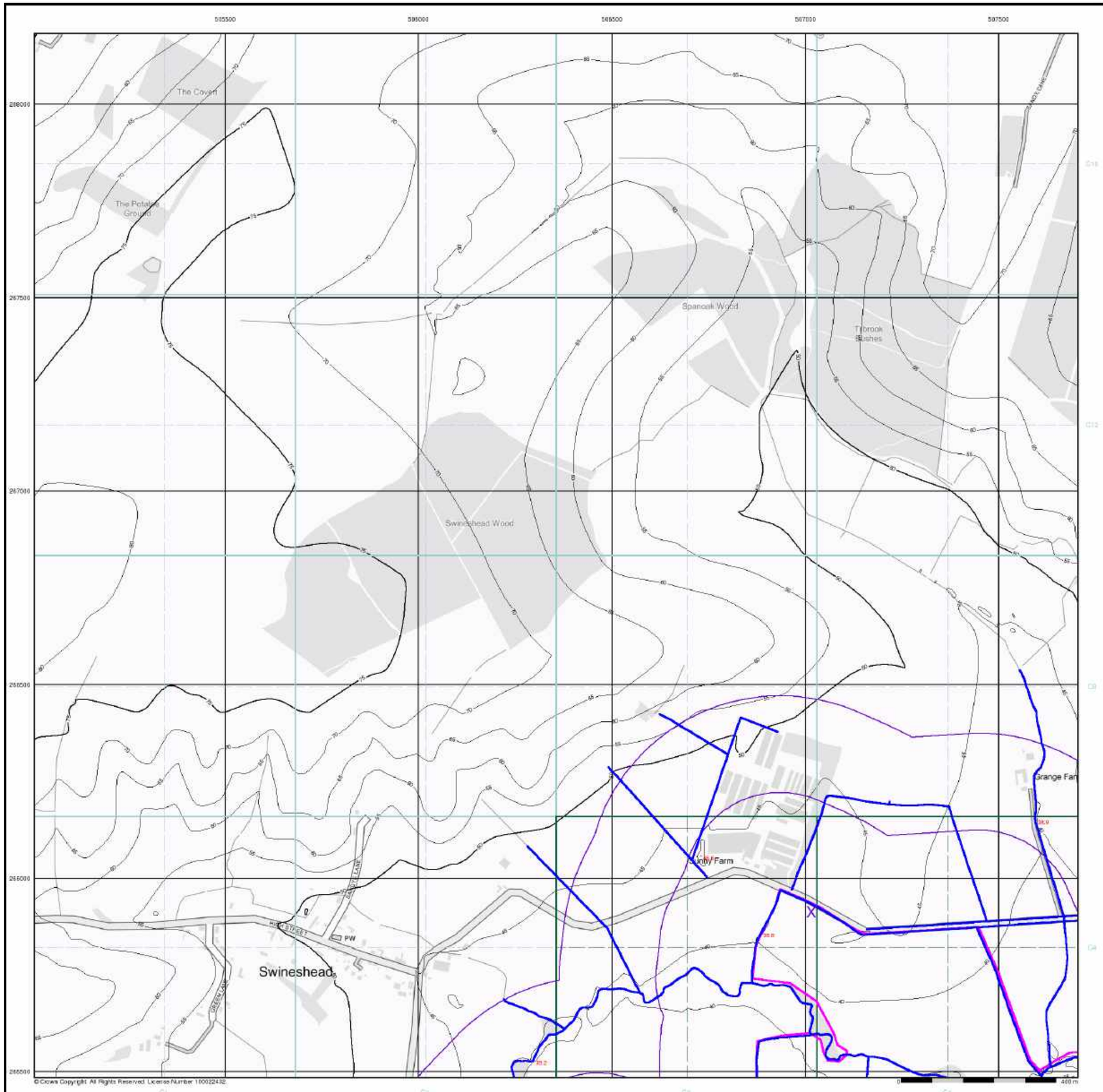

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General

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

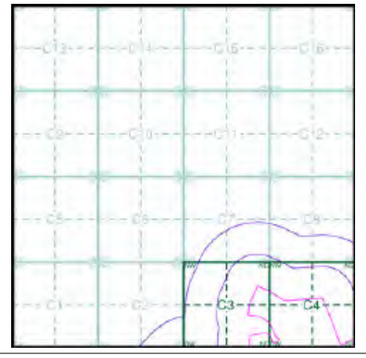
OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice C



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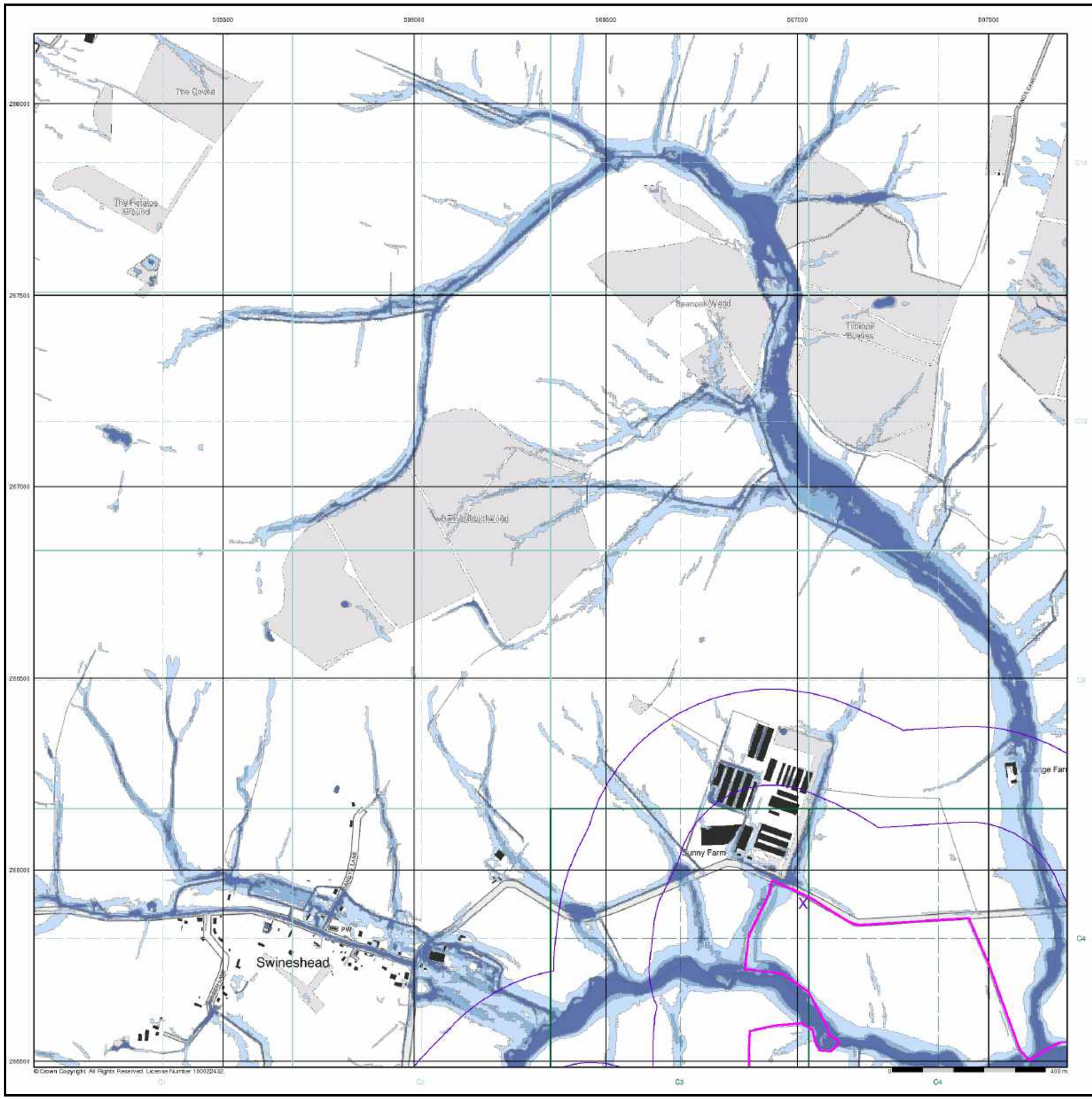
Web: www.envirocheck.co.uk



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General

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

Risk of Flooding from Surface Water

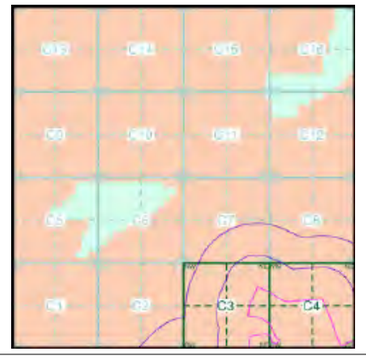
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice C



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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Fax: 0844 844 9951
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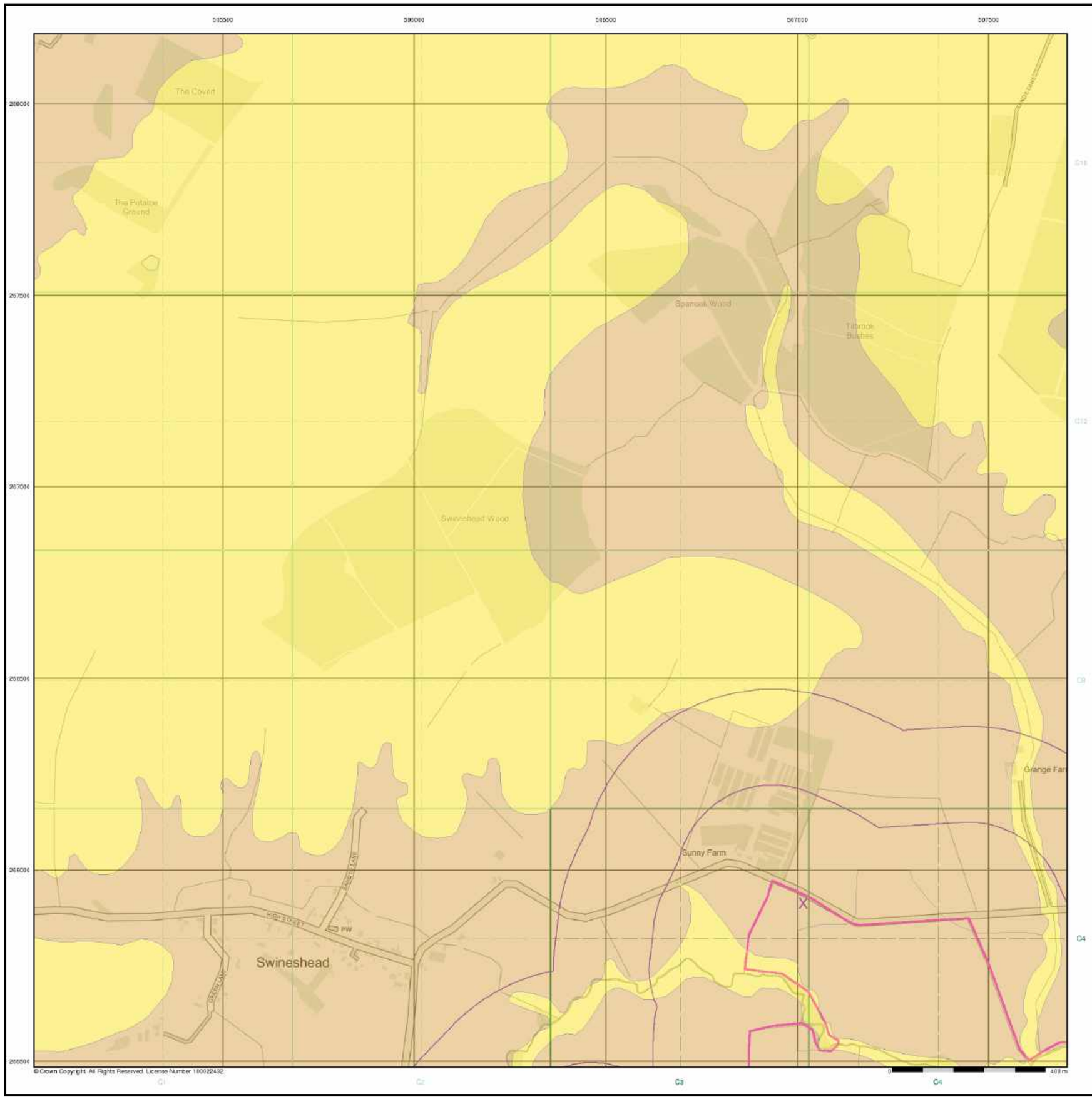

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General

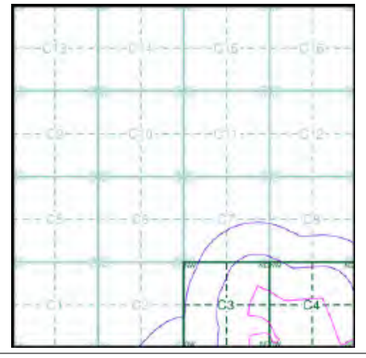
Specified Site Specified Buffer(s) X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 80 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice C



Order Details

Order Details:	299346790_1_1
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Site Details

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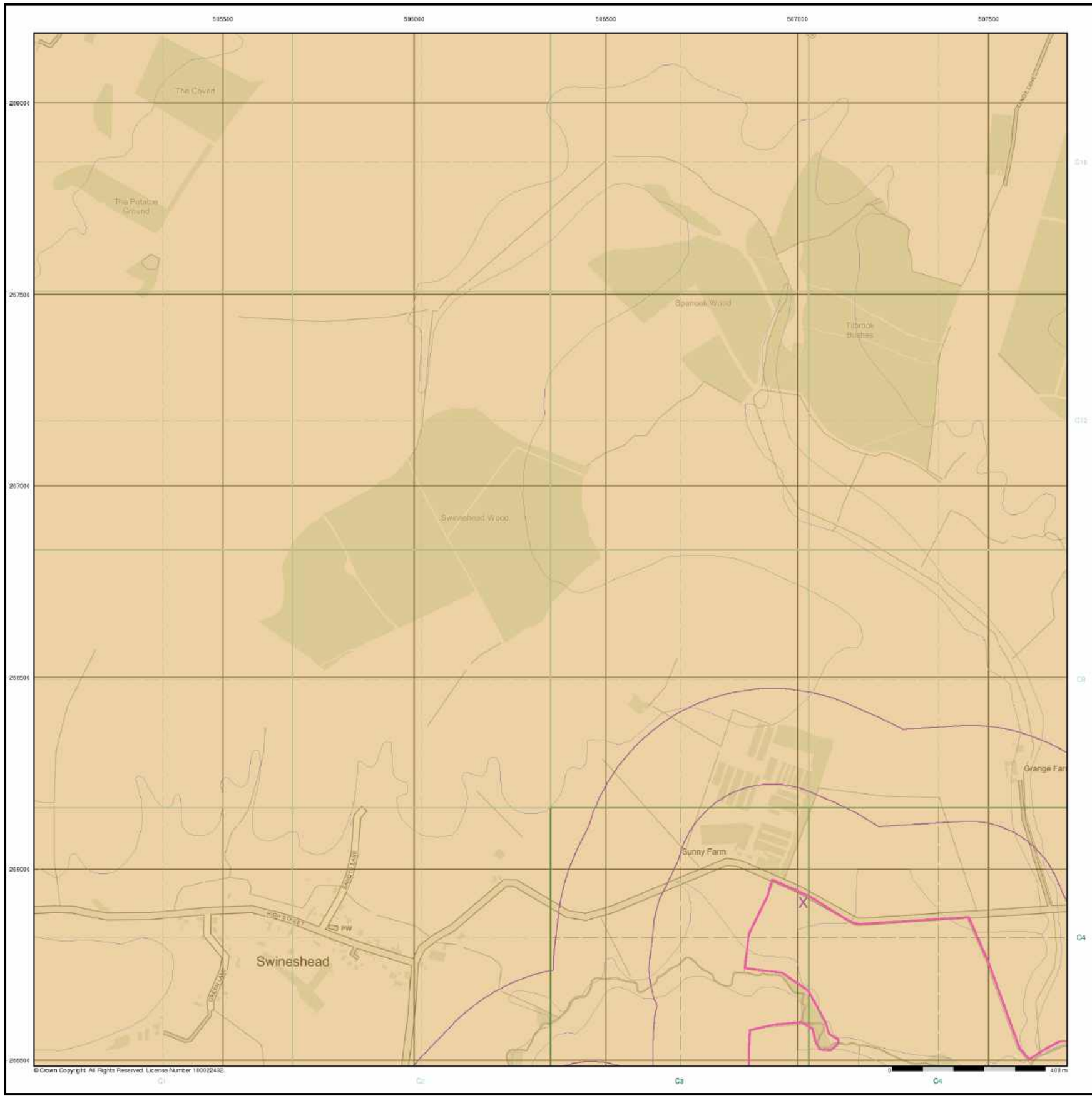

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General

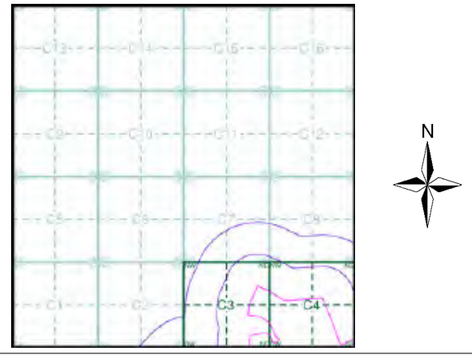
Specified Site Specified Buffer(s) X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice C



Order Details

Order Details:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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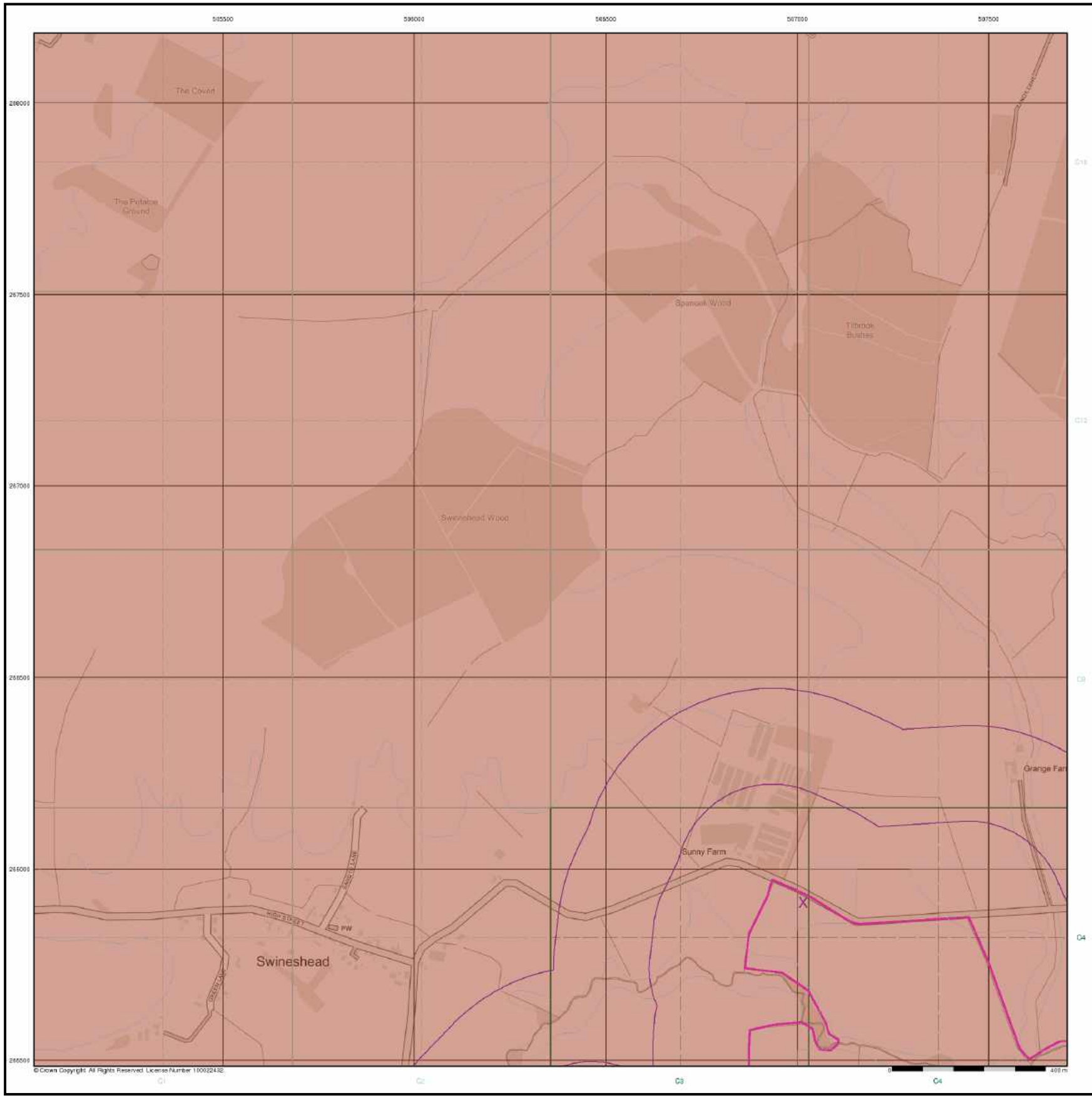

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General

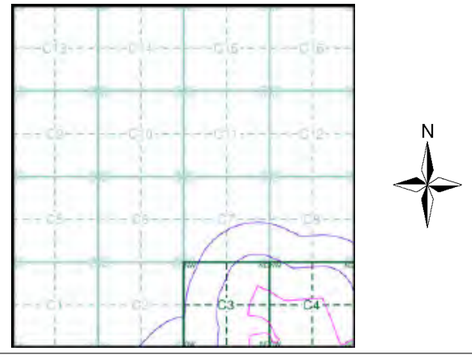
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice C



Order Details

Order Details:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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Fax: 0844 844 9951
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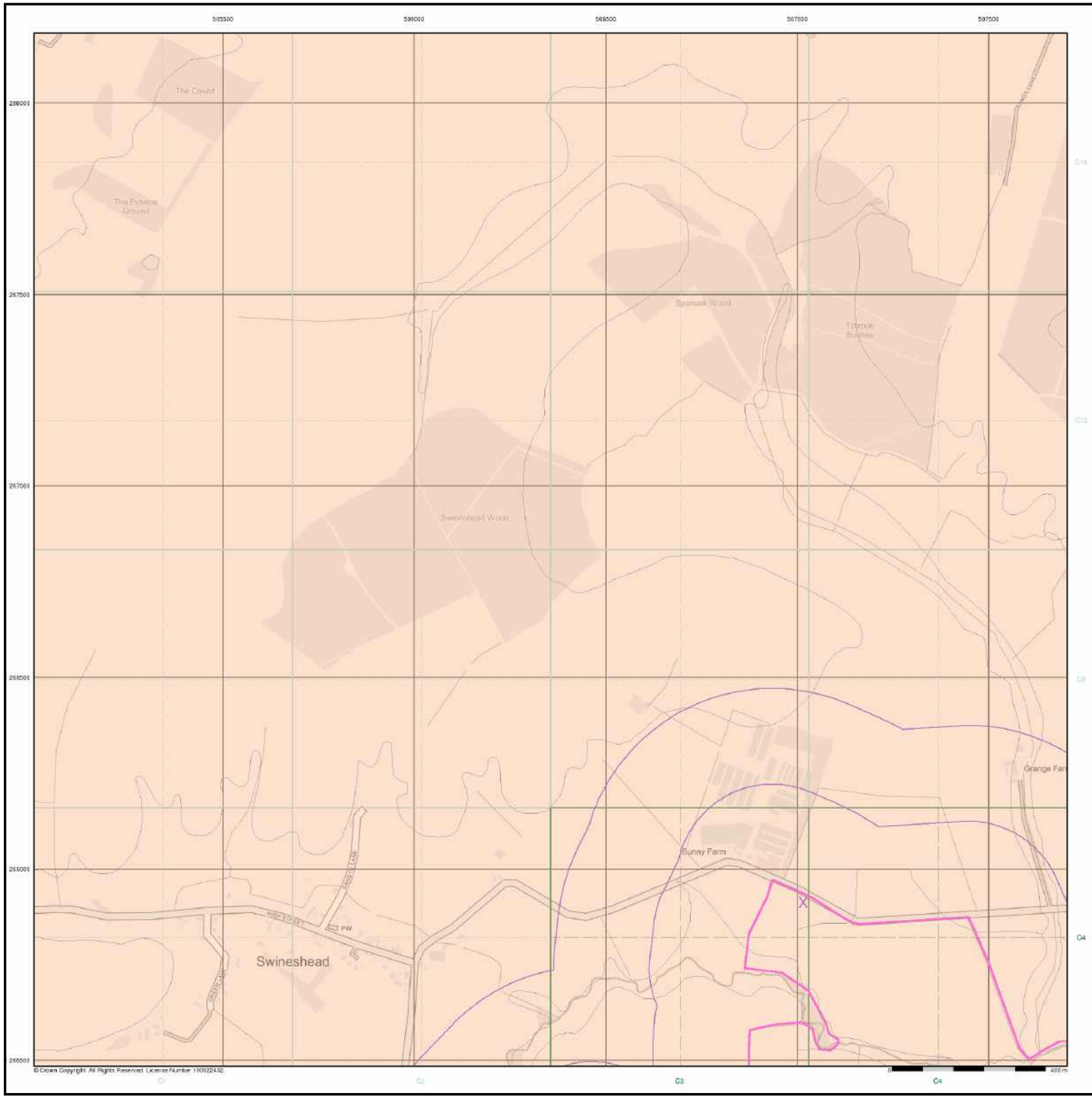

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General

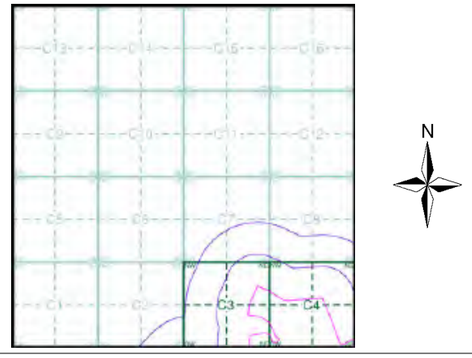
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice C



Order Details

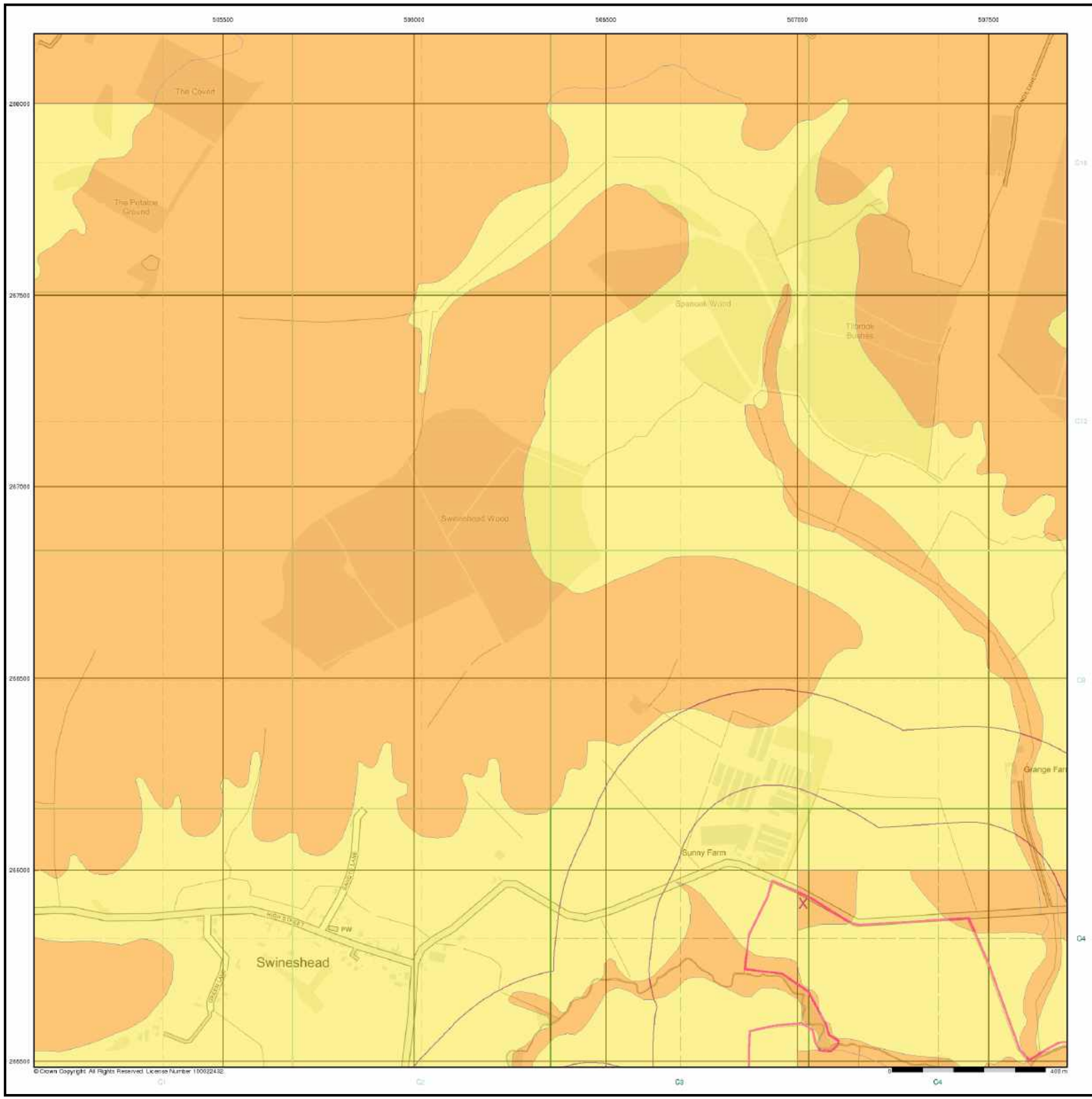
Order Details:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

Landmark INFORMATION GROUP

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



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General

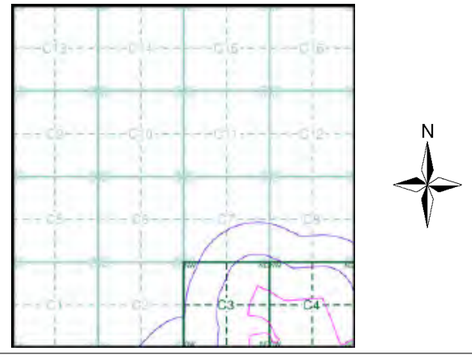
Specified Site Specified Buffer(s) X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice C



Order Details

Order Details:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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Web: www.envirocheck.co.uk

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
299346790_1_1

Customer Reference:
R3035

National Grid Reference:
507020, 265910

Slice:
C

Site Area (Ha):
255.74

Search Buffer (m):
500

Site Details:
Area A

Client Details:
[redacted]
Smith Grant Partnership
Bryn Estyn Business Centre (Suite 16)
Bryn Estyn Road
Wrexham
LL13 9TY

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Contents

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	29
Useful Contacts	30

Introduction

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

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 2		2	1
Prosecutions Relating to Controlled Waters			n/a	n/a
Enforcement and Prohibition Notices				
Integrated Pollution Controls				
Integrated Pollution Prevention And Control	pg 3		5	
Local Authority Integrated Pollution Prevention And Control				
Local Authority Pollution Prevention and Controls				
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature	pg 4	Yes		
Pollution Incidents to Controlled Waters				
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 4			1
Water Industry Act Referrals				
Groundwater Vulnerability Map	pg 5	Yes	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 10	1	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a
Bedrock Aquifer Designations	pg 10	Yes	n/a	n/a
Superficial Aquifer Designations	pg 10	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences	pg 11	Yes		n/a
Flooding from Rivers or Sea without Defences	pg 11	Yes		n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
OS Water Network Lines	pg 11	15	18	14

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
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)				
Local Authority Landfill Coverage	pg 17	2	n/a	n/a
Local Authority Recorded Landfill Sites				
Potentially Infilled Land (Non-Water)				
Potentially Infilled Land (Water)				
Registered Landfill Sites				
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
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				

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Geological				
BGS 1:625,000 Solid Geology	pg 18	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 18	Yes	Yes	
BGS Recorded Mineral Sites				
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
CBSCB Compensation District			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 19	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 19	Yes		n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 19	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 19	Yes		n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 20	Yes		n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a
Industrial Land Use				
Contemporary Trade Directory Entries				
Fuel Station Entries				
Points of Interest - Commercial Services				
Points of Interest - Education and Health				
Points of Interest - Manufacturing and Production	pg 21			1
Points of Interest - Public Infrastructure				
Points of Interest - Recreational and Environmental				
Gas Pipelines				
Underground Electrical Cables				

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Sensitive Land Use				
Ancient Woodland				
Areas of Adopted Green Belt				
Areas of Unadopted Green Belt				
Areas of Outstanding Natural Beauty				
Environmentally Sensitive Areas				
Forest Parks				
Local Nature Reserves				
Marine Nature Reserves				
National Nature Reserves				
National Parks				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones	pg 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	(S)	0	1	507350 264800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	507450 264800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	507000 265200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	507016 265200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	507100 265200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	506950 265100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	507050 265250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	507016 265150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	507100 265150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	506950 265050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	507000 265150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4SE (E)	0	1	507650 265700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (S)	0	1	507016 265750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (S)	0	1	507000 265800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	1	508250 264700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	507050 265150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	507000 265050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	507150 265000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	507016 265000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (E)	0	1	507200 265914
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (S)	0	1	506950 265700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NE (S)	0	1	507016 265850

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	(S)	0	1	507050 265200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (SW)	24	1	506850 265600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	29	1	506350 264800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4SE (E)	48	1	507700 265700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	82	1	508200 265300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	114	1	508300 265350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	122	1	508000 264850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4SE (E)	148	1	507700 265800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	166	1	506400 265450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	169	1	508050 264900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	208	1	508300 265450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	255	1	506100 265250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	391	1	505900 265000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	436	1	505950 265350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	463	1	505950 265400
1	**Discharge Consents** Operator: Messrs Bird Bros Property Type: Domestic Property (Single) Location: Sunny Farm Pertenhall Road, Swineshead, Bedford, Beds, Mk44 2su Authority: Environment Agency, Anglian Region Catchment Area: River Kym / River Till (Kimbolton) Reference: Prcnf03941 Permit Version: 2 Effective Date: 3rd February 1991 Issued Date: 3rd February 1991 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Pertenhall Brook **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	C3NE (NW)	102	2	506860 266040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: Messrs Bird Bros Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Sunny Farm Pertenhall Road, Swineshead, Beds, Mk44 2su Authority: Environment Agency, Anglian Region Catchment Area: River Kym / River Till (Kimbolton) Reference: Prcnf03941 Permit Version: 1 Effective Date: 30th October 1990 Issued Date: 30th October 1990 Revocation Date: 2nd February 1991 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Not Supplied Receiving Water: Not Supplied **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	C3NE (NW)	134	2	506820 266040
2	**Discharge Consents** Operator: Alastair Watson Property Type: Domestic Property (Single) Location: St Simon Stud, Station Road, Kennett Authority: Environment Agency, Anglian Region Catchment Area: River Kennett (Chippenham) Reference: Prclf02231 Permit Version: 1 Effective Date: 23rd February 1990 Issued Date: 23rd February 1990 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Land **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	C7SE (N)	482	2	506880 266450
3	**Integrated Pollution Prevention And Control** Name: C & P Bird Brothers Ltd Location: Sunny Farm Poultry Unit - Epr/Ap3437ma, Sunny Farm, Pertenhall Road,,Swineshead, BEDFORD, MK44 2SU Authority: Environment Agency, Anglian Region Permit Reference: ZP3936NM Original Permit Ref: Ap3437ma Effective Date: 15th March 2021 **Status:** **Effective** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	C3NE (NW)	46	2	506900 266000
4	**Integrated Pollution Prevention And Control** Name: C & P Bird Brothers Ltd Location: Sunny Farm Epr/Ap3437ma, Sunny Farm, Pertenhall Road,,Swineshead, BEDFORD, Bedfordshire, MK44 2SU Authority: Environment Agency, Anglian Region Permit Reference: RP3532CW Original Permit Ref: Ap3437ma Effective Date: 11th March 2013 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y	C3NE (NW)	111	2	506847 266039

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Integrated Pollution Prevention And Control** Name: C & P Bird Brothers Ltd Location: Sunny Farm, Sunny Farm,Pertenhall Road, ,Swineshead, BEDFORD, Bedfordshire, MK44 2SU Authority: Environment Agency, Anglian Region Permit Reference: TP3538TP Original Permit Ref: Ap3437ma Effective Date: 12th April 2011 **Status: Superseded By Variation** Application Type: Variation App. Sub Type: Substantial Positional Accuracy: Automatically positioned to the address Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	C3NE (NW)	111	2	506847 266039
4	**Integrated Pollution Prevention And Control** Name: C & P Bird Brothers Ltd Location: Sunny Farm, Sunny Farm,Pertenhall Road, ,Swineshead, BEDFORD, Bedfordshire, MK44 2SU Authority: Environment Agency, Anglian Region Permit Reference: VP3936TX Original Permit Ref: Ap3437ma Effective Date: 11th June 2010 **Status: Superseded By Variation** Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	C3NE (NW)	111	2	506847 266039
4	**Integrated Pollution Prevention And Control** Name: C & P Bird Brothers Ltd Location: Sunny Farm, Sunny Farm,Pertenhall Road, ,Swineshead, BEDFORD, Bedfordshire, MK44 2SU Authority: Environment Agency, Anglian Region Permit Reference: AP3437MA Original Permit Ref: Ap3437ma Effective Date: 29th January 2008 **Status: Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y	C3NE (NW)	111	2	506847 266039
	Nearest Surface Water Feature	C4SW (S)	0	-	507031 265597
5	**Water Abstractions** Operator: B F Whitlock & Son Licence Number: 6/33/21/*s/019 Permit Version: Not Supplied Location: Brook East Of, SWINESHEAD Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 5 Yearly Rate (m3): 727270 Details: 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	C3SW (SW)	261	2	506620 265630

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	507000 265211
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	506925 265079
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C3NE (S)	0	3	507000 265842
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	507268 265024

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	507057 265228
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C4NW (S)	0	3	507031 265853
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(S)	0	3	506966 264939
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(S)	0	3	506591 264716

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(S)	0	3	507118 264978
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(S)	0	3	507387 264801
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(S)	0	3	507016 265000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(S)	0	3	507000 265000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	(SE)	0	3	508055 264878
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(S)	0	3	506902 265000
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(SE)	0	3	507623 265000
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(S)	0	3	507191 265000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive 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: <3m Superficial Recharge: High	(SE)	0	3	508000 265000
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C3NE (W)	0	3	507000 265914
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C3SE (S)	0	3	507000 265536
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C4NW (E)	0	3	507285 265957

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C3NE (E)	0	3	507016 265914
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C3SE (S)	0	3	507002 265536
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	507000 265054
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SE)	0	3	508000 265397
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Problems Unlikely	(SW)	0	3	506000 265000
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	(S)	0	3	507016 265000
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	C3NE (E)	0	3	507016 265914
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(S)	0	3	507118 264978

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(S)	0	3	507268 265024
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(S)	0	3	506591 264716
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(S)	0	3	507387 264801
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(S)	0	3	507016 265000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(S)	0	3	507057 265228
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	C4NW (S)	0	3	507031 265853
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SE)	0	3	508055 264878
	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	C3SE (SW)	0	2	506945 265765
	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	C3SE (S)	0	2	506945 265741
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
6	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 609.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C4SW (S)	0	4	507162 265538
7	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 423.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C4SW (S)	0	4	507162 265538
8	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C4NW (E)	0	4	507252 265860
9	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 190.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C4NW (E)	0	4	507252 265860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 422.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	C4NE (E)	0	4	507442 265873
11	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 226.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C4NE (E)	0	4	507442 265873
12	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 45.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	(SE)	0	4	507569 265478
13	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 373.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C4SE (SE)	0	4	507634 265512
14	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 34.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C4SE (SE)	0	4	507614 265496
15	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 390.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C4NE (E)	0	4	507668 265888
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 787.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C3SE (S)	0	4	507018 265596
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 259.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	C3NE (W)	0	4	506927 265943
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	C3NE (NW)	0	4	506944 265966

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 338.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	C3NE (NE)	0	4	507023 265929
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 229.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C4SW (S)	0	4	507031 265598
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 262.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C3SE (S)	1	4	506957 265721
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 311.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C4NW (E)	11	4	507159 265868
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 420.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	C3NE (NW)	12	4	506965 265971
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 394.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C3SE (SW)	13	4	506861 265729
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 467.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C8SW (NE)	26	4	507217 266191
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 199.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C4NE (E)	26	4	507469 265888
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 57.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C3NE (W)	192	4	506745 266004

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 750.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C3SW (SW)	196	4	506378 265610
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	C4NE (E)	208	4	507668 265888
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C4NE (E)	208	4	507668 265900
31	**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: 2	C4NE (E)	213	4	507673 265889
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 395.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C4NE (E)	213	4	507612 266086
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	C4NE (E)	213	4	507668 265900
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	C4NE (E)	214	4	507670 265900
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 281.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	C4NE (E)	218	4	507678 265889
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 295.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	C4NE (E)	222	4	507677 265902

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 323.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C3NE (NW)	240	4	506707 266046
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 181.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C3NE (NW)	240	4	506707 266046
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 252.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C3SW (SW)	294	4	506572 265704
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C3SW (SW)	294	4	506572 265704
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C3SW (SW)	296	4	506570 265708
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C7SE (NW)	300	4	506765 266218
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 170.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C3SW (SW)	300	4	506564 265719
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 101.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C7SE (NW)	303	4	506767 266223
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C8SW (NE)	321	4	507217 266191

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 205.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C7SE (NW)	374	4	506800 266319
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 203.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C7SE (NW)	374	4	506800 266319
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 169.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C3SW (SW)	374	4	506378 265610
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 294.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C3NW (W)	389	4	506487 265871
50	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C8SE (NE)	435	4	507603 266280
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 264.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	C8SE (NE)	442	4	507607 266286
52	**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	C2SE (W)	494	4	506226 265681

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Bedford Borough Council - Has supplied landfill data		0	5	507016 265914
	Local Authority Landfill Coverage Name: Bedfordshire County Council - Has no landfill data to supply		0	6	507016 265914

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Kellaways Formation And Oxford Clay Formation (Undifferentiated)	C3NE (E)	0	1	507016 265914
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C4NE (E)	0	1	507687 265824
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C3NE (W)	0	1	507000 265914
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	C3NE (E)	0	1	507016 265914
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	C4NW (E)	0	1	507297 265984
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	C4SW (S)	0	1	507041 265530
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	C3SE (S)	0	1	506984 265766

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C3SE (S)	0	1	506951 265690
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	C4NE (E)	200	1	507648 266000
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NE (E)	0	1	507016 265914
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SE (S)	0	1	506941 265688
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3SE (S)	0	1	506962 265770
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NE (E)	0	1	507016 265914
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3SE (S)	0	1	506941 265688
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C3SE (S)	0	1	506962 265770
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NE (E)	0	1	507016 265914
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NE (E)	0	1	507016 265914
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NE (E)	0	1	507016 265914
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3SE (S)	0	1	507002 265536
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SE (S)	0	1	506941 265688

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C4NE (E)	0	1	507692 265835
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	507397 265437
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C4NW (S)	0	1	507031 265853
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3SE (S)	0	1	506962 265770
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C3NE (E)	0	1	507016 265914
	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	C3NE (E)	0	1	507016 265914
	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	C3NE (E)	0	1	507016 265914

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	**Points of Interest - Manufacturing and Production** Name: D Shelton Location: Grange Farm, Swineshead Road, Pertenhall, MK44 2SR Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	C8SE (NE)	376	7	507568 266230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	**Nitrate Vulnerable Zones** Name: Huntingdon River Gravels Description: Groundwater Source: Environment Agency, Head Office	C3NE (E)	0	3	507016 265914
55	**Nitrate Vulnerable Zones** Name: Great Ouse Nvz Description: Surface Water Source: Environment Agency, Head Office	(S)	0	3	506864 265415

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Bedford Borough Council - Environmental Health Department	December 2014	Annual Rolling Update
Environment Agency - Head Office	June 2020	Annually
Huntingdonshire District Council - Environmental Health Services	October 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2022	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Huntingdonshire District Council - Environmental Health Services	December 2014	Variable
Bedford Borough Council - Environmental Health Department	March 2015	Variable
Local Authority Pollution Prevention and Controls		
Huntingdonshire District Council - Environmental Health Services	December 2014	Annual Rolling Update
Bedford Borough Council - Environmental Health Department	March 2015	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Huntingdonshire District Council - Environmental Health Services	December 2014	Variable
Bedford Borough Council - Environmental Health Department	March 2015	Variable
Nearest Surface Water Feature		
Ordnance Survey	June 2022	
Pollution Incidents to Controlled Waters		
Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2016	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Central Area	April 2022	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	July 2022	Quarterly
Water Industry Act Referrals		
Environment Agency - Anglian Region	October 2017	
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

Data Currency

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

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Central Area	April 2022	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Central Area	April 2022	Quarterly
Local Authority Landfill Coverage		
Bedford Borough Council - Environmental Health Department	February 2003	Not Applicable
Bedfordshire County Council (now part of Central Bedfordshire Council)	February 2003	Not Applicable
Cambridgeshire County Council	February 2003	Not Applicable
Huntingdonshire District Council - Environmental Health Services	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Bedford Borough Council - Environmental Health Department	October 2018	
Bedfordshire County Council (now part of Central Bedfordshire Council)	October 2018	
Cambridgeshire County Council	October 2018	
Huntingdonshire District Council - Environmental Health Services	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - Anglian Region - Central Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Central Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Central Area	June 2015	
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Bedford Borough Council	February 2016	Variable
Cambridgeshire County Council	February 2016	Variable
Huntingdonshire District Council	February 2016	Variable
Bedfordshire County Council (now part of Central Bedfordshire Council)	July 2008	Annual Rolling Update
Planning Hazardous Substance Consents		
Bedford Borough Council	February 2016	Variable
Cambridgeshire County Council	February 2016	Variable
Huntingdonshire District Council	February 2016	Variable
Bedfordshire County Council (now part of Central Bedfordshire Council)	July 2008	Annual Rolling Update

Data Currency

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Data Currency

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2022	Quarterly
Points of Interest - Education and Health PointX	June 2022	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2022	Quarterly
Points of Interest - Public Infrastructure PointX	June 2022	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2022	Quarterly
Underground Electrical Cables National Grid	May 2021	Bi-Annually

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt		
Bedford Borough Council	October 2020	Quarterly
Huntingdonshire District Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
Bedford Borough Council	October 2020	Quarterly
Huntingdonshire District Council	October 2020	Quarterly
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	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	June 2017	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

Data Suppliers

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	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Useful Contacts

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	**Bedford Borough Council - Environmental Health Department** Town Hall, St Pauls Street, Bedford, Bedfordshire, MK40 1SJ	Telephone: 01234 267422 Fax: 01234 325671 Email: enquiries@bedford.gov.uk Website: www.bedford.gov.uk
6	**Bedfordshire County Council (now part of Central Bedfordshire Council)** Priory House, Monks Walk, Chicksands, Shefford, Bedfordshire, SG17 5TQ	Telephone: 0300 300 8301 Email: www.centralbedfordshire.gov.uk Website: www.centralbedfordshire.gov.uk
7	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Glasshouse
Sloping Masonry
Direction of Flow of Water
Shingle
Sand
Pylon
Pylon
Electricity Transmission Line
Pole
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

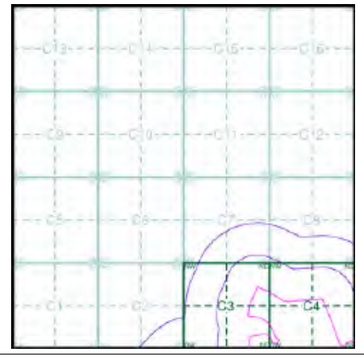
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m Bench mark (where shown)
Triangulation station
Point feature (e.g. Guide Post or Mile Stone)
Pylon, flare stack or lighting tower
Site of (antiquity)
Glasshouse
General Building
Important Building

Envirocheck®
LANDMARK INFORMATION GROUP®

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:10,560	1883	2
Northamptonshire	1:10,560	1885	3
Huntingdonshire	1:10,560	1886	4
Northamptonshire	1:10,560	1901	5
Bedfordshire	1:10,560	1902	6
Huntingdonshire	1:10,560	1902	7
Northamptonshire	1:10,560	1928	8
Bedfordshire	1:10,560	1951	9
Huntingdonshire	1:10,560	1952	10
Northamptonshire	1:10,560	1952	11
Ordnance Survey Plan	1:10,000	1958	12
Ordnance Survey Plan	1:10,000	1969	13
Ordnance Survey Plan	1:10,000	1983	14
10K Raster Mapping	1:10,000	1999	15
10K Raster Mapping	1:10,000	2006	16
VectorMap Local	1:10,000	2021	17

Historical Map - Slice C



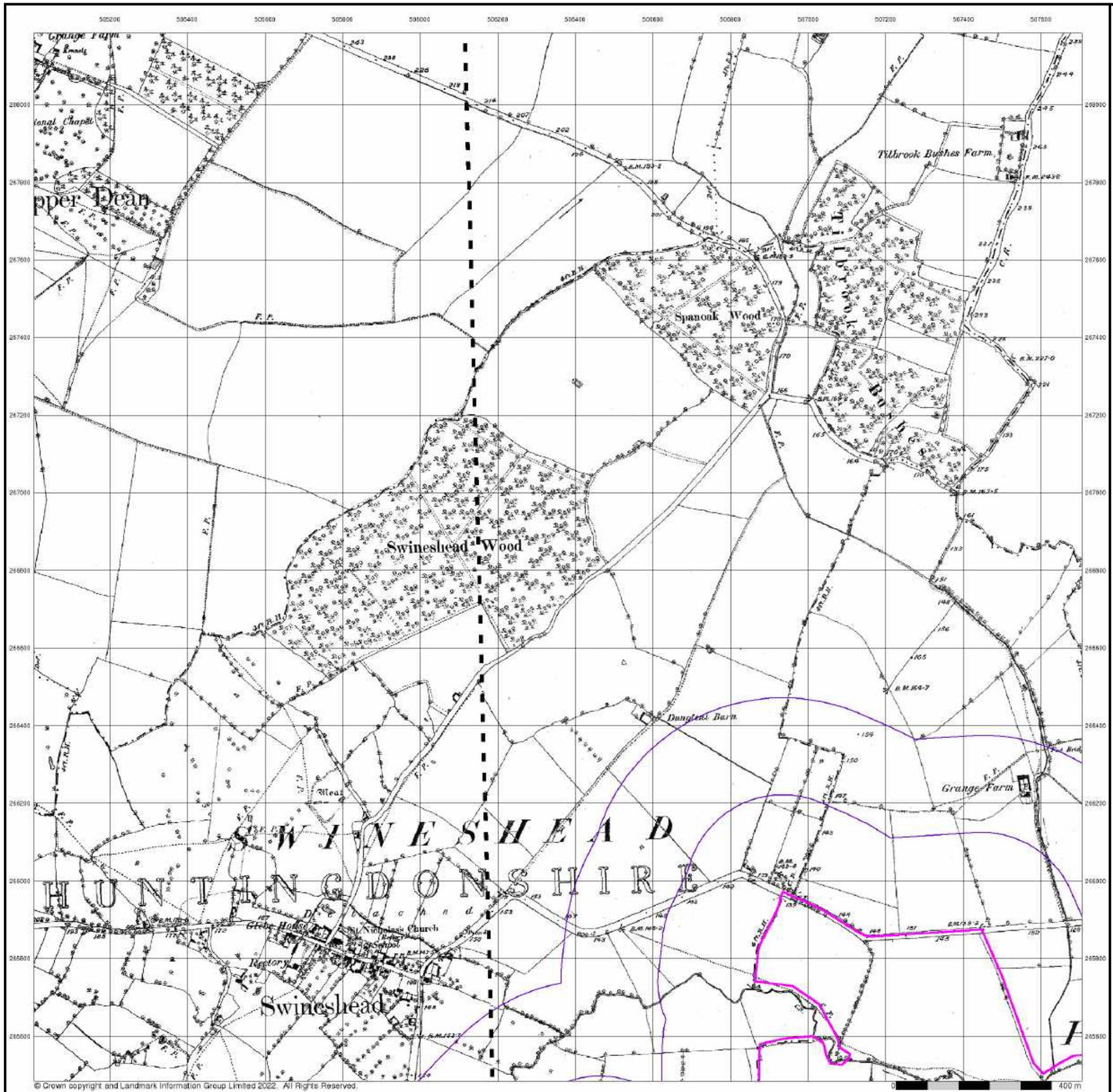
Order Details

Order Number: 299346790_1_1
Customer Ref: R3035
National Grid Reference: 507020, 265910
Slice: C
Site Area (Ha): 255.74
Search Buffer (m): 500

Site Details

Area A

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



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Bedfordshire

Published 1883

Source map scale - 1:10,560

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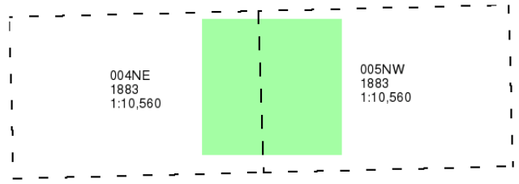
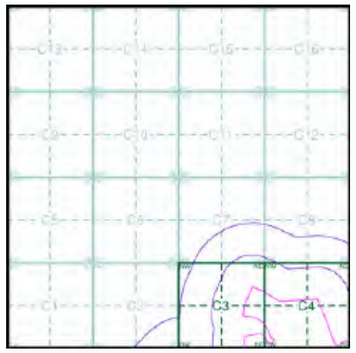
Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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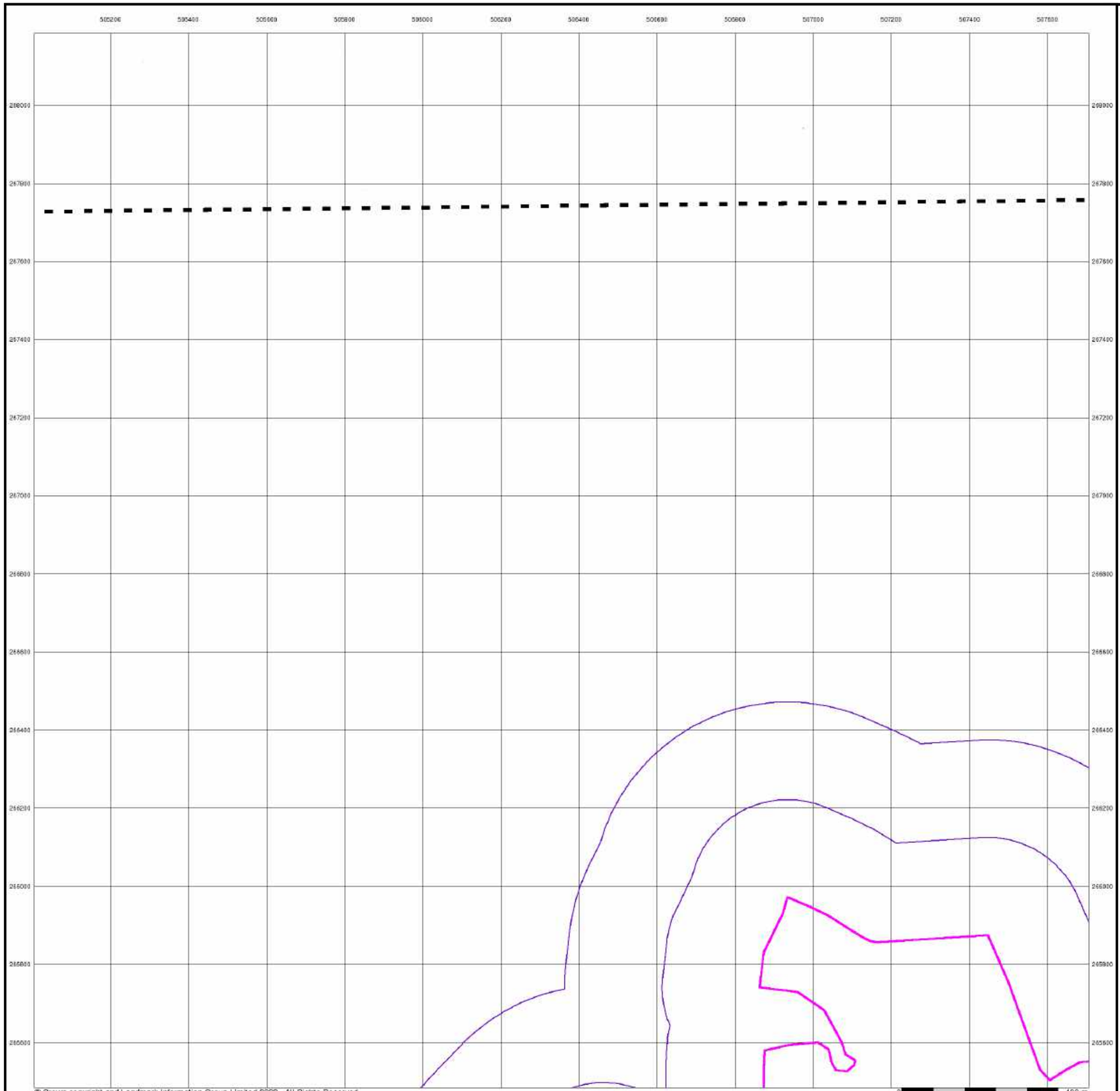

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Northamptonshire

Published 1885

Source map scale - 1:10,560

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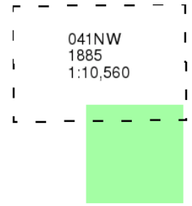

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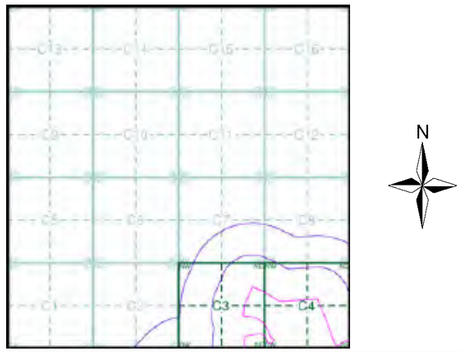

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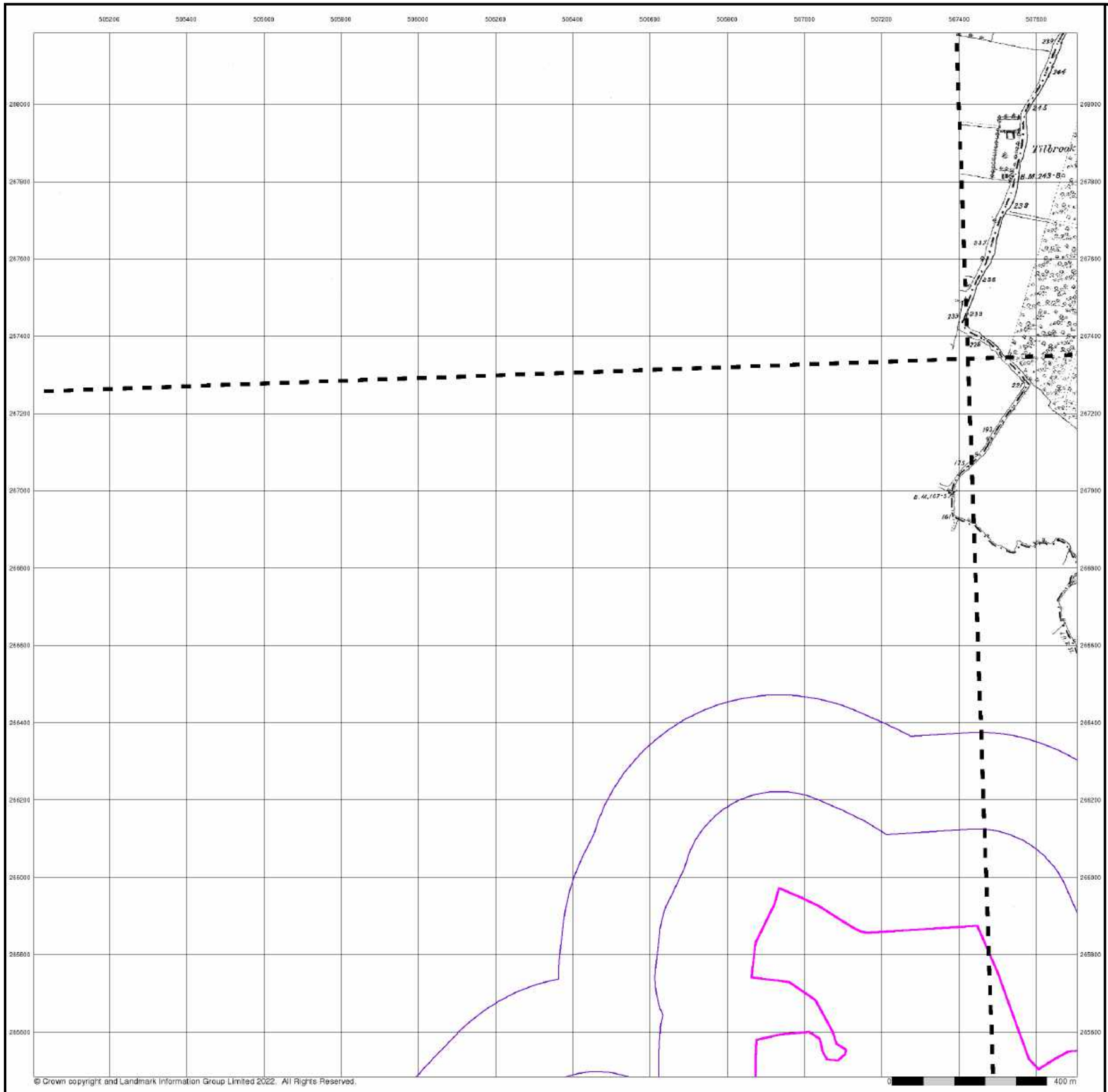

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Huntingdonshire

Published 1886

Source map scale - 1:10,560

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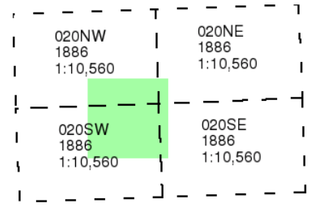

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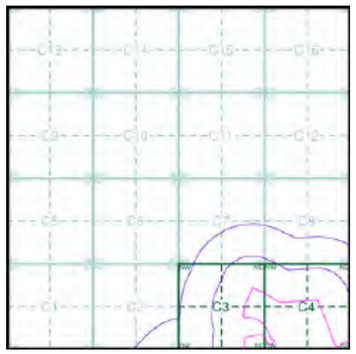

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Northamptonshire

Published 1901

Source map scale - 1:10,560

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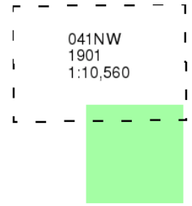
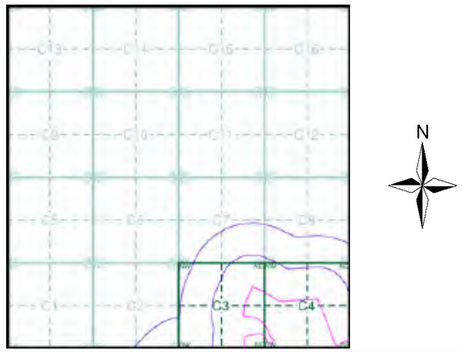


Historical Map - Slice C



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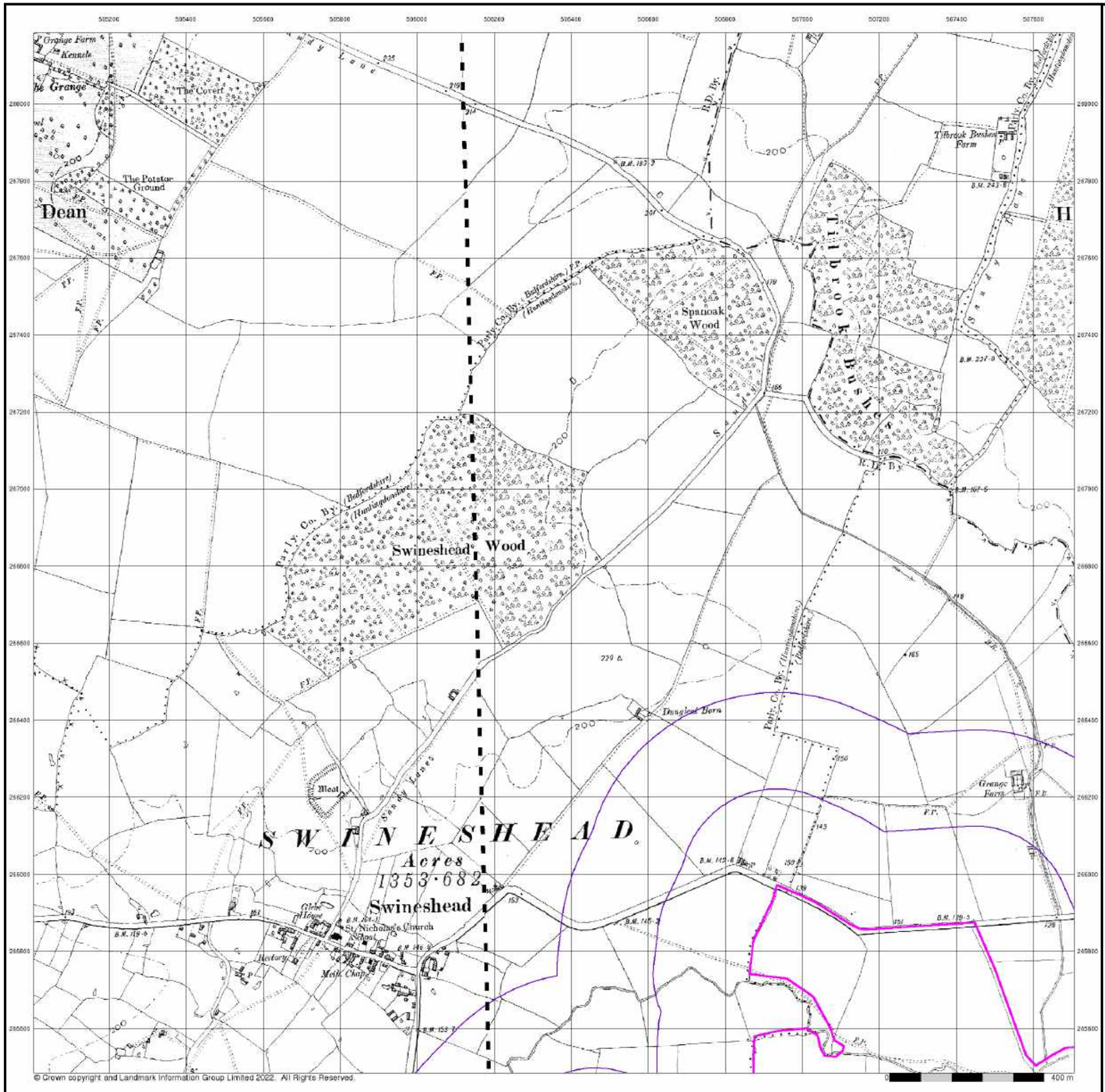

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Bedfordshire

Published 1902

Source map scale - 1:10,560

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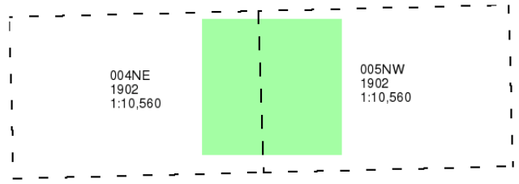
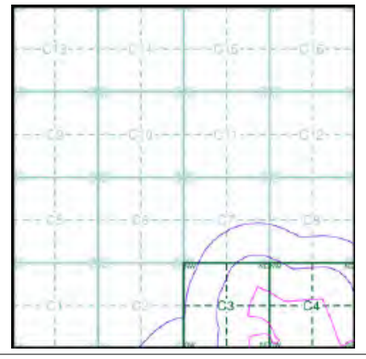


Historical Map - Slice C



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Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Search Buffer (m):	500

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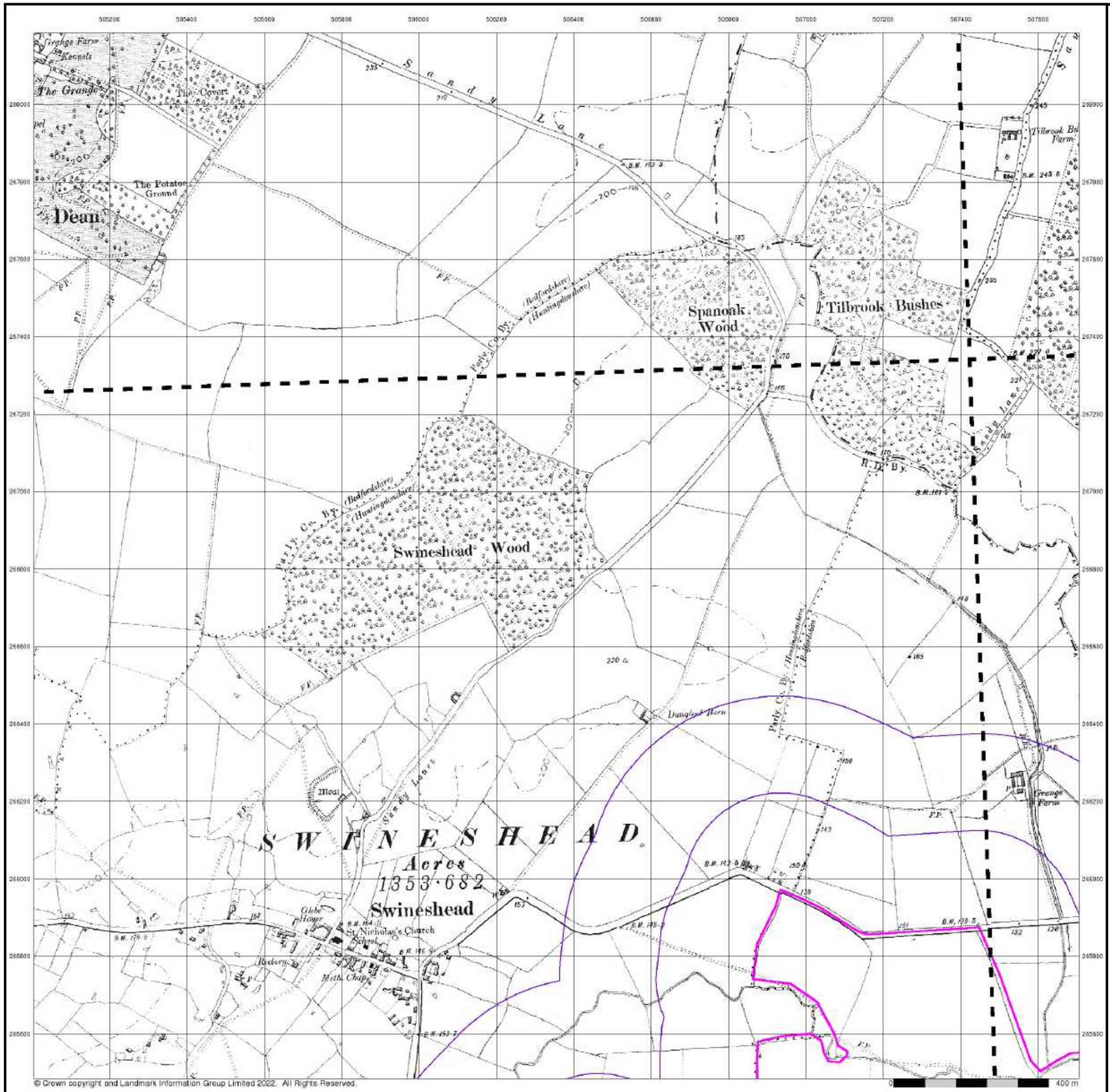

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Huntingdonshire

Published 1902

Source map scale - 1:10,560

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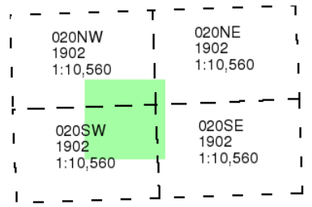

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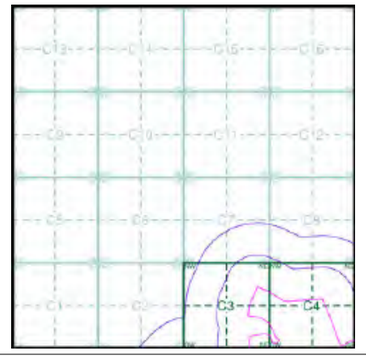

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Northamptonshire

Published 1928

Source map scale - 1:10,560

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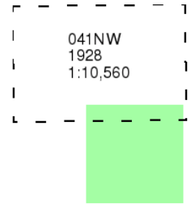
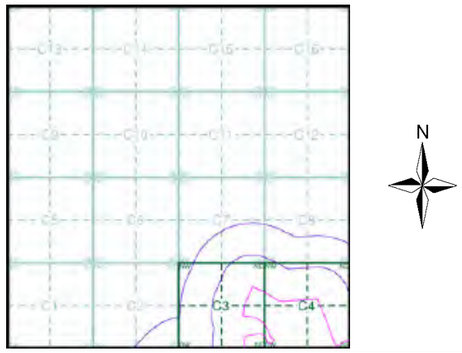


Historical Map - Slice C



Order Details

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Site Details

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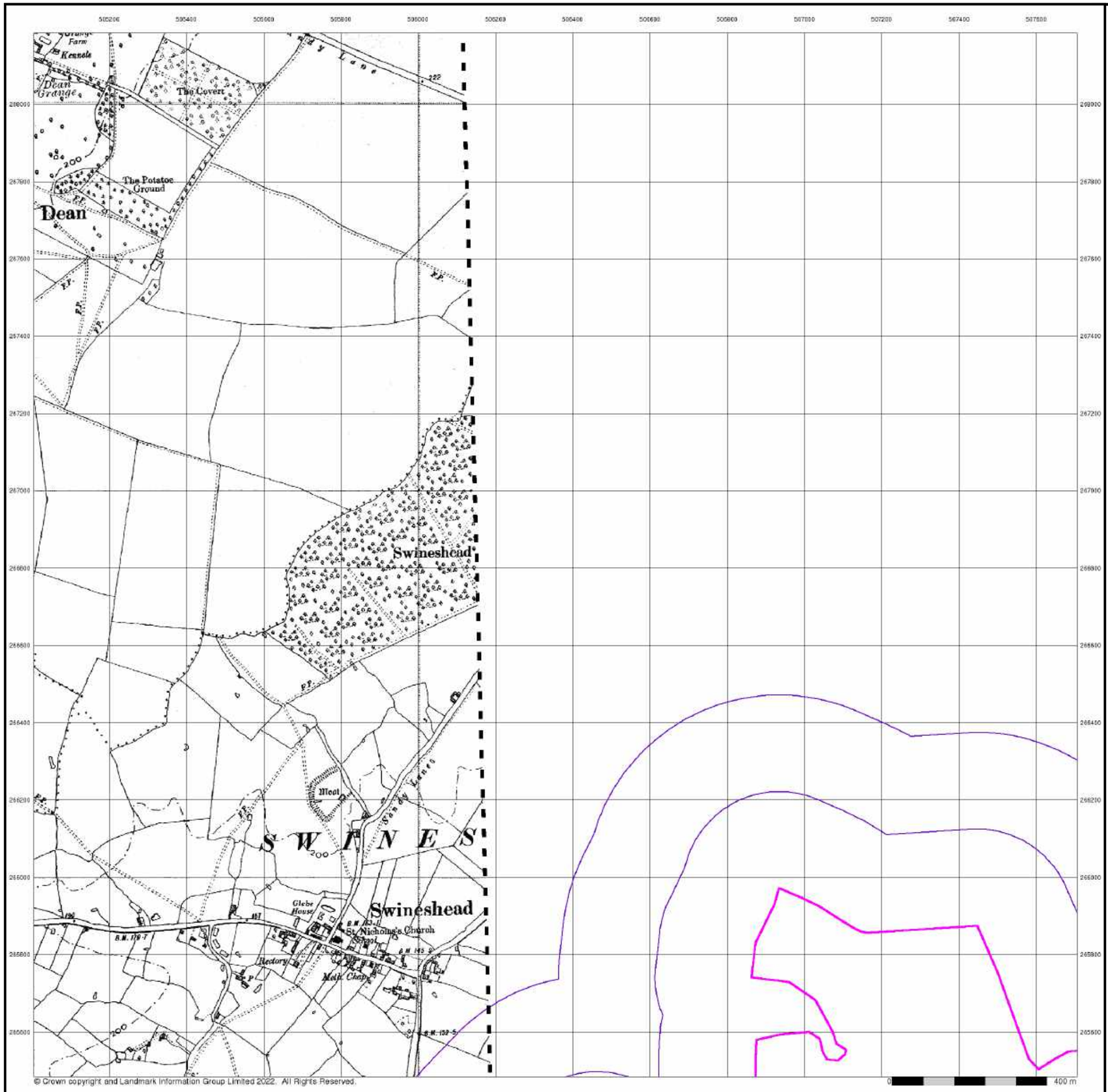

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Bedfordshire

Published 1951

Source map scale - 1:10,560

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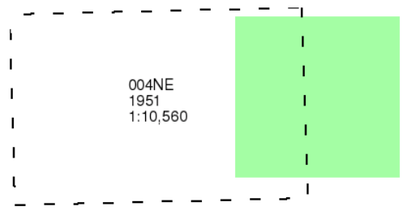

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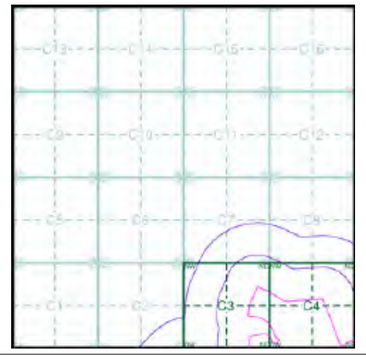

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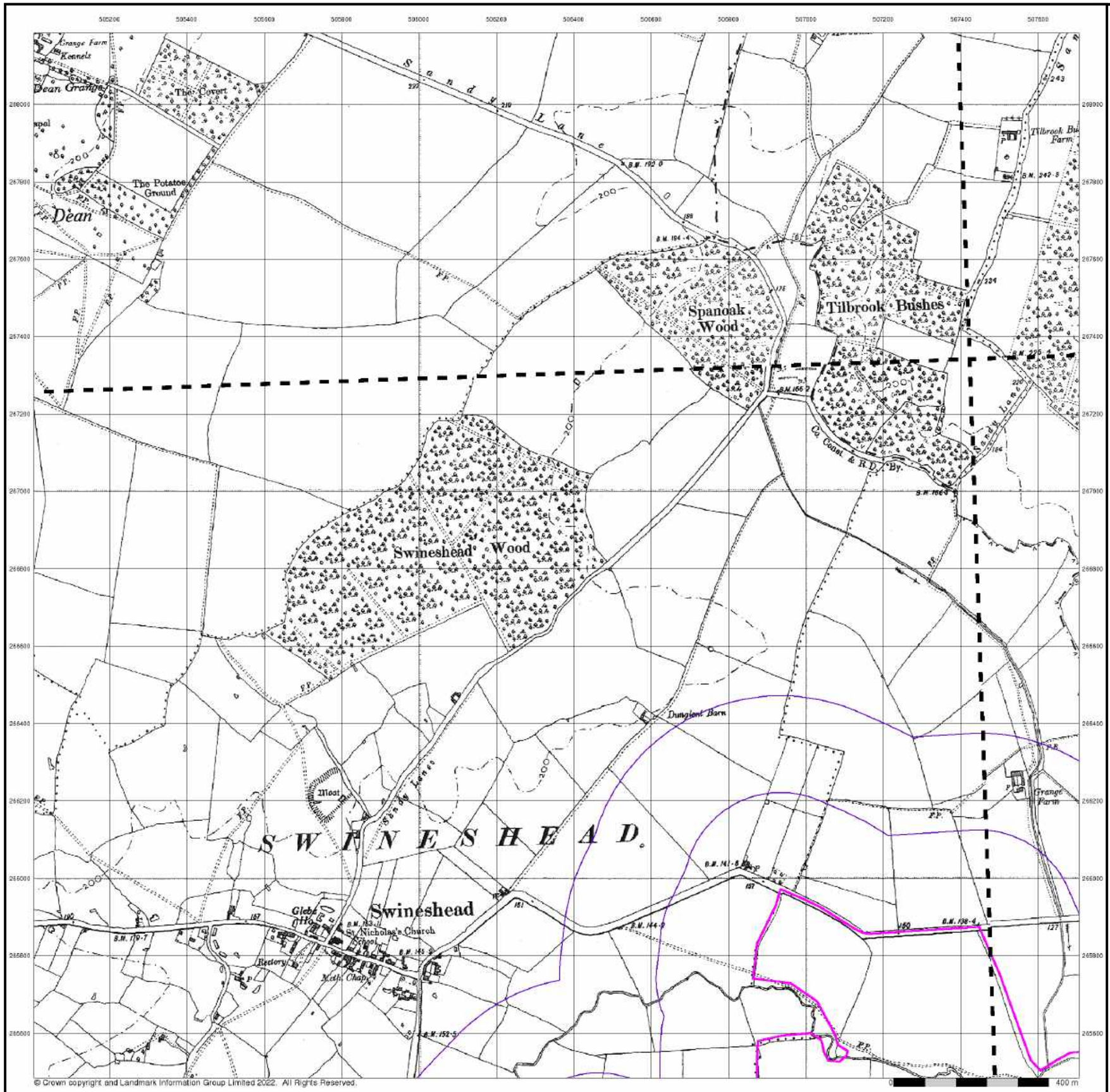

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Huntingdonshire

Published 1952

Source map scale - 1:10,560

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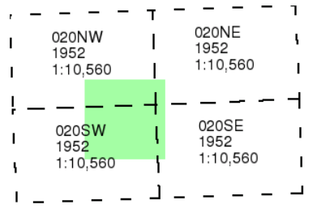

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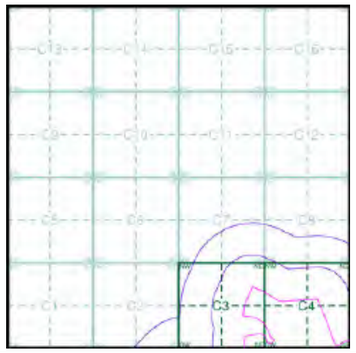

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Northamptonshire

Published 1952

Source map scale - 1:10,560

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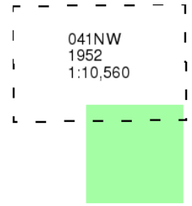

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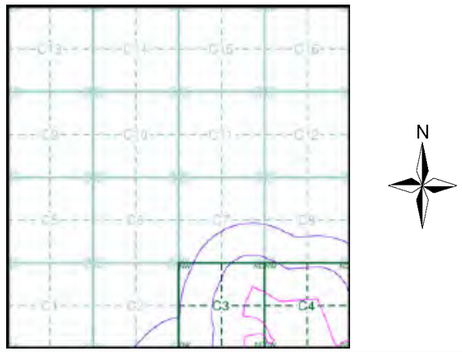

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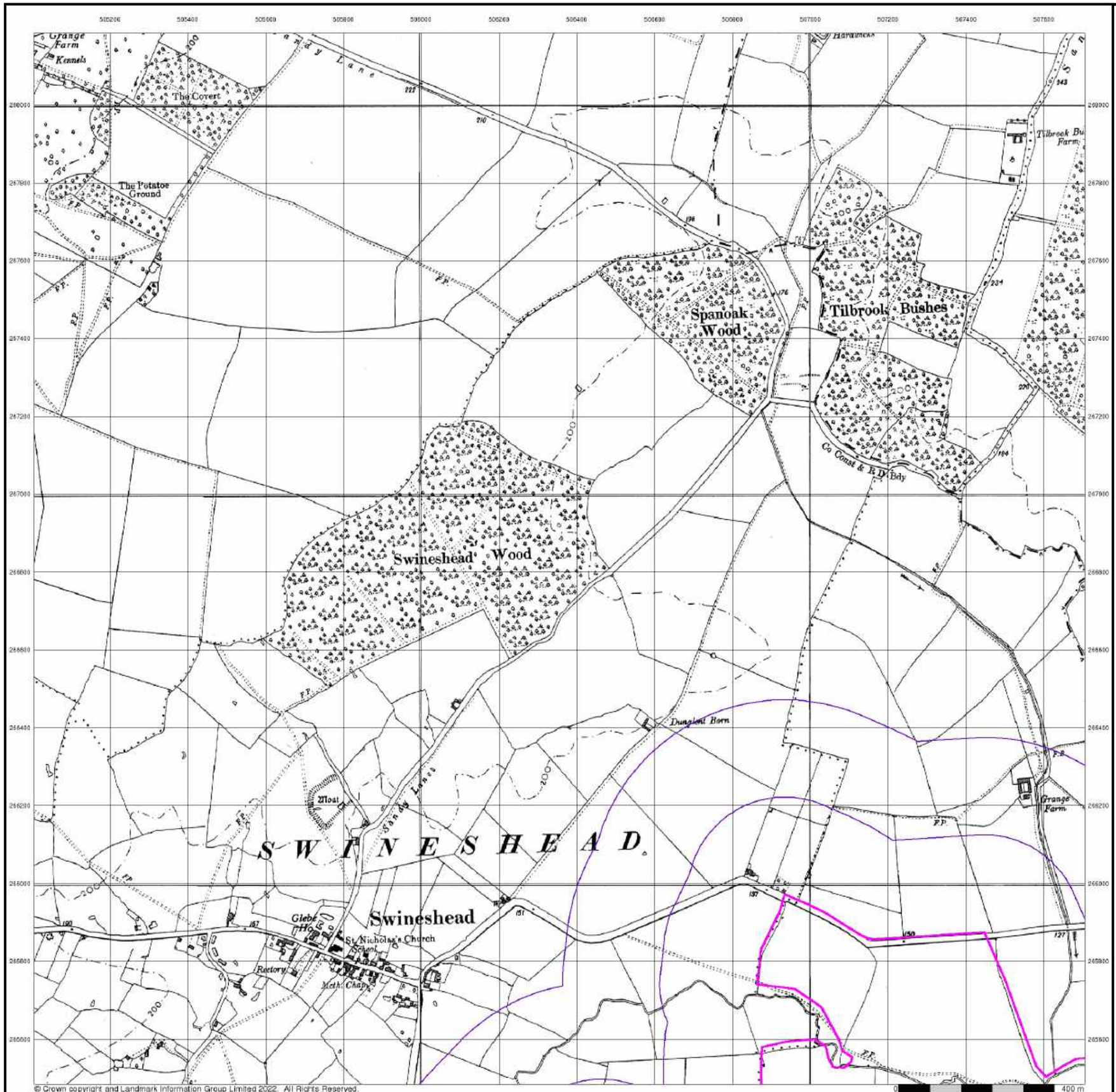

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Ordnance Survey Plan

Published 1958

Source map scale - 1:10,000

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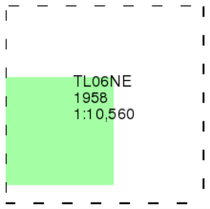

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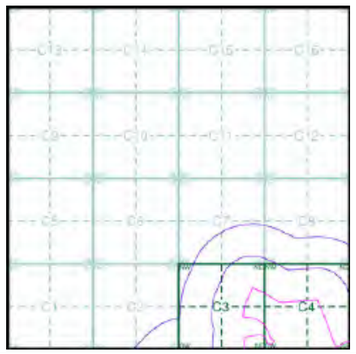


Order Details

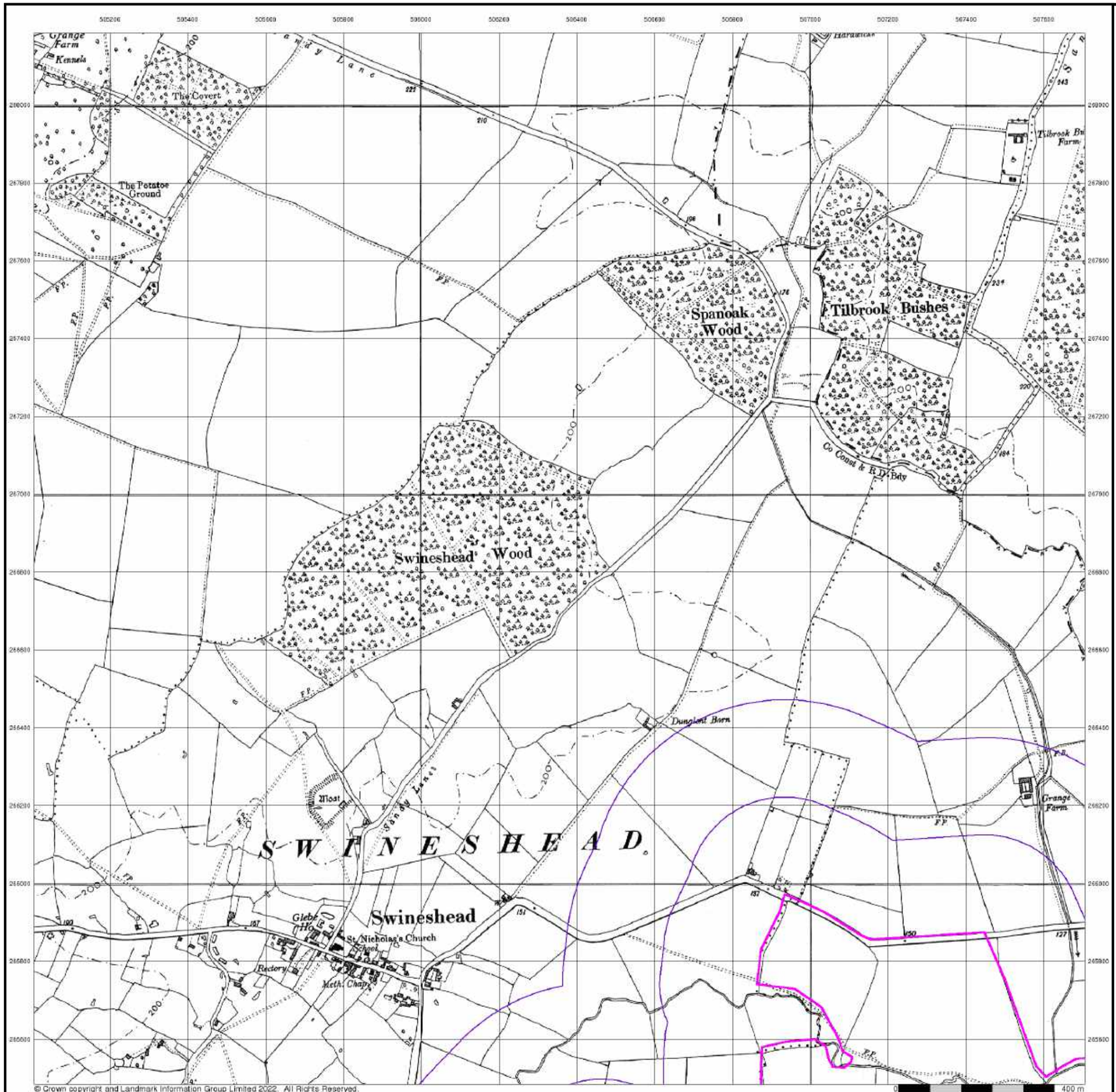
Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

Landmark INFORMATION GROUP

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



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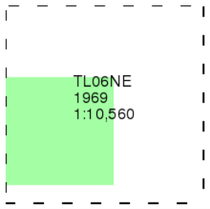
Ordnance Survey Plan

Published 1969

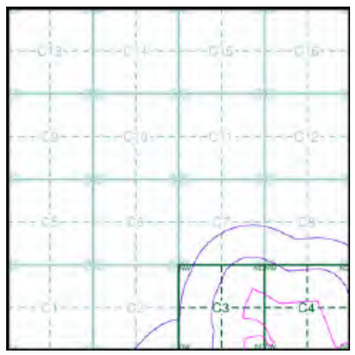
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

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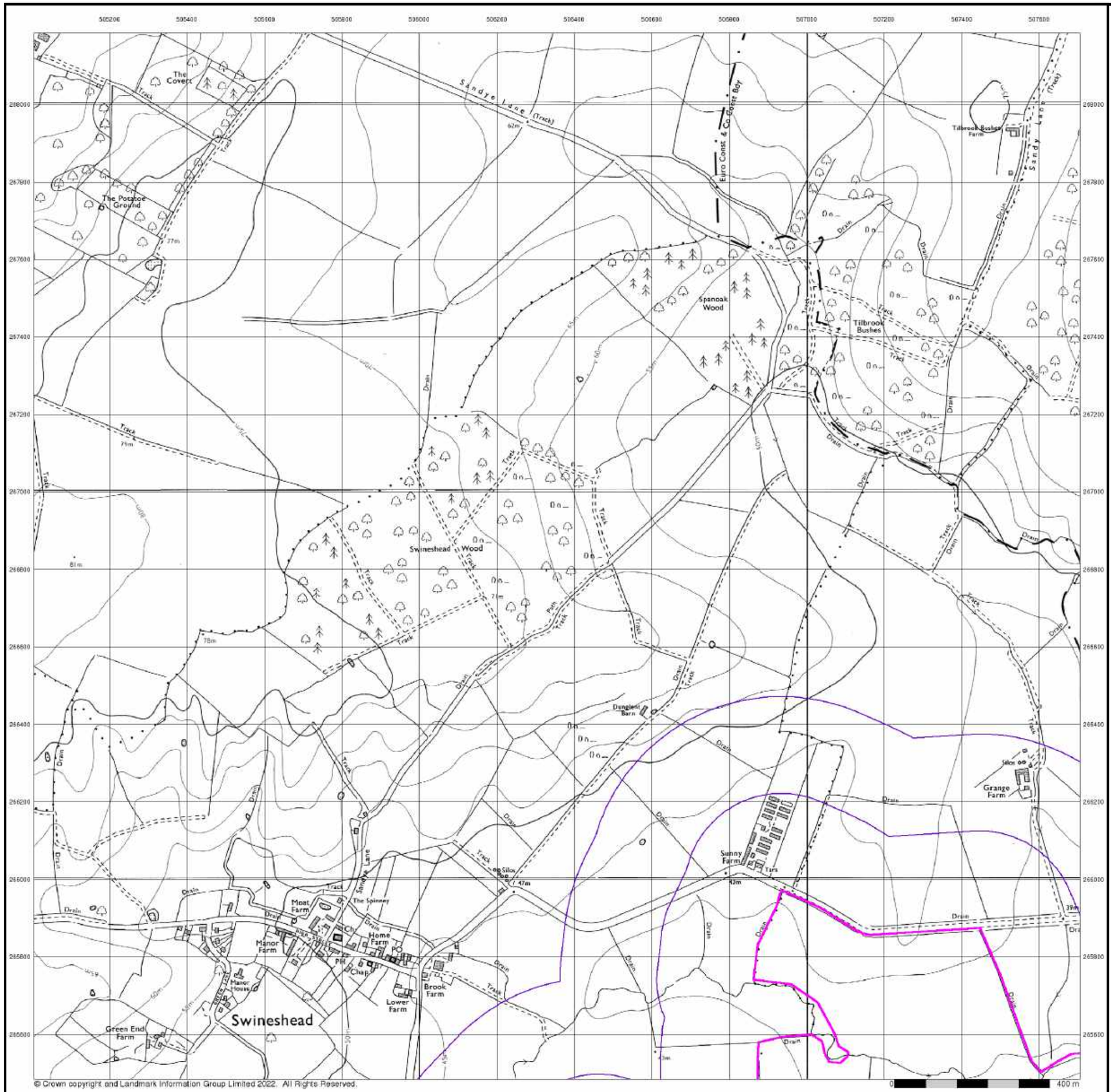

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Ordnance Survey Plan

Published 1983

Source map scale - 1:10,000

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

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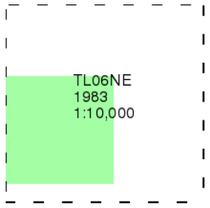
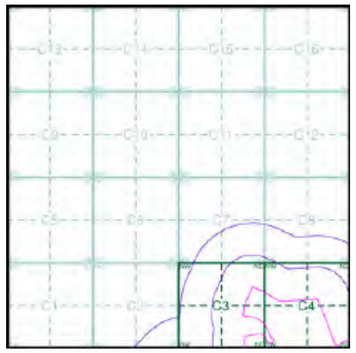


Historical Map - Slice C



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Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

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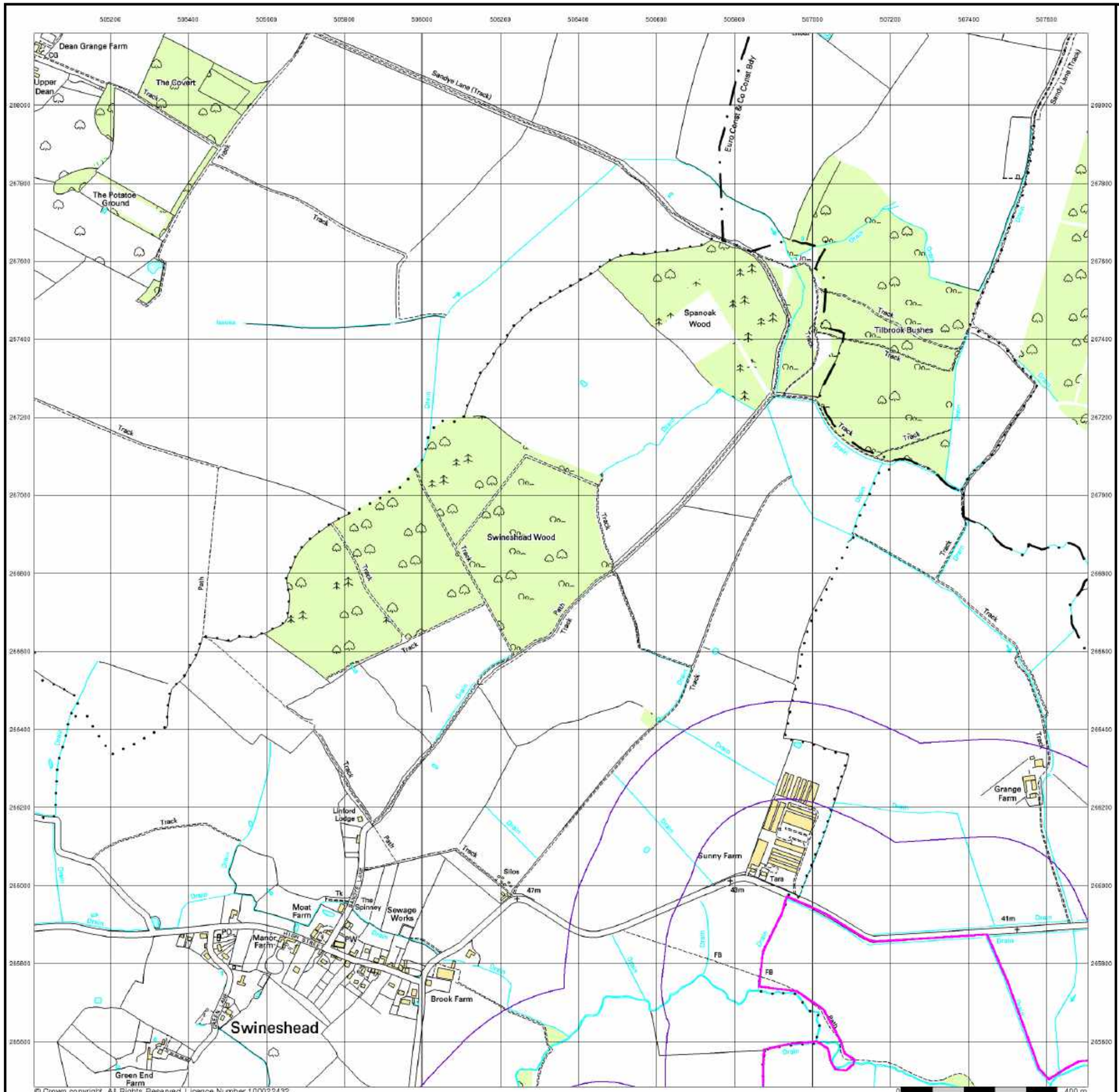

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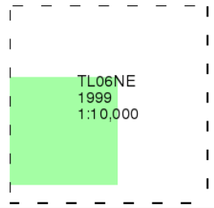
10k Raster Mapping

Published 1999

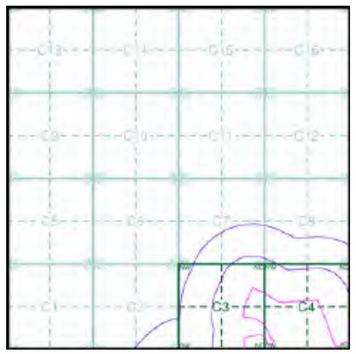
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

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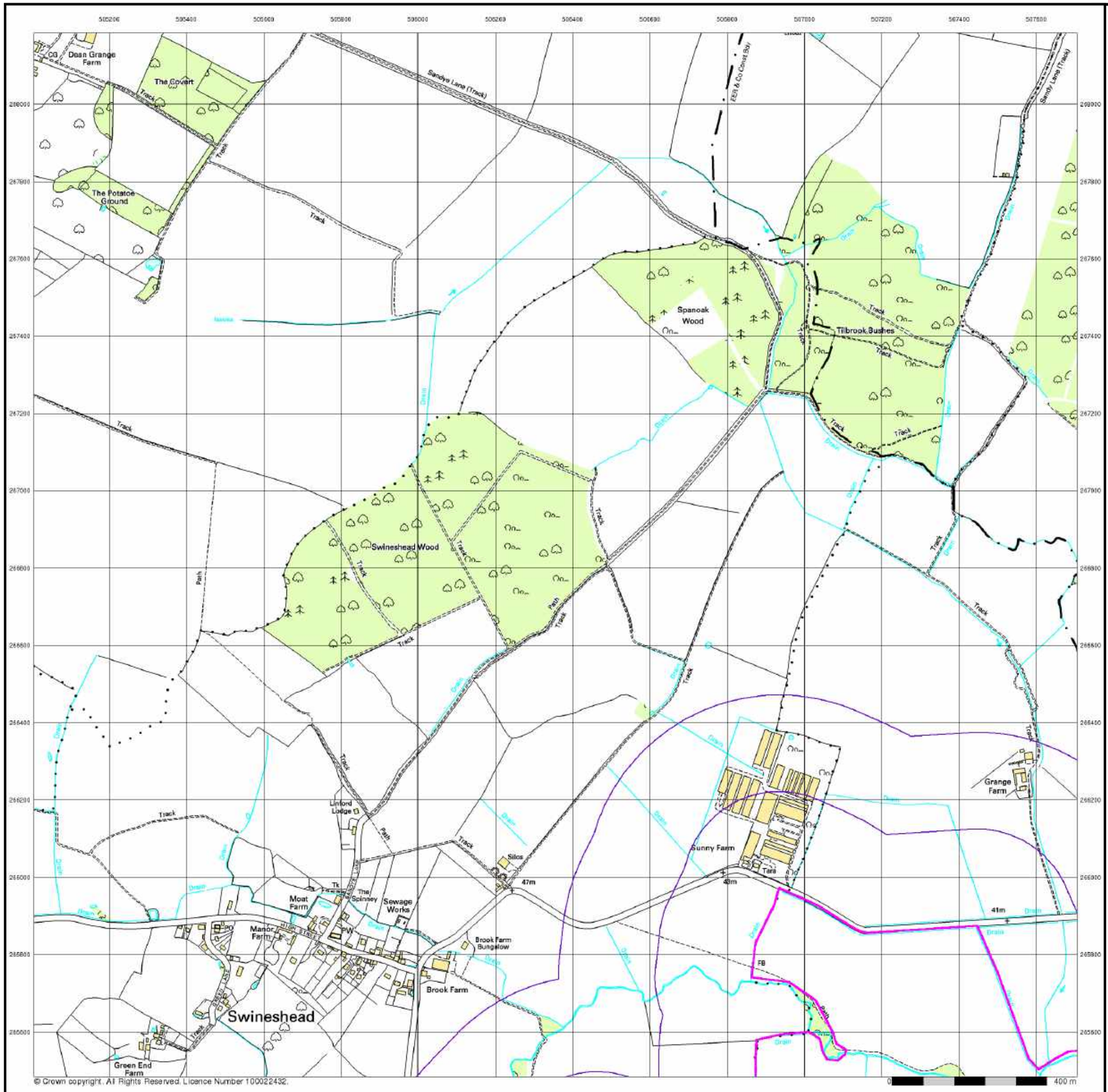

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10k Raster Mapping

Published 2006

Source map scale - 1:10,000

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

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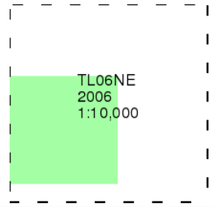
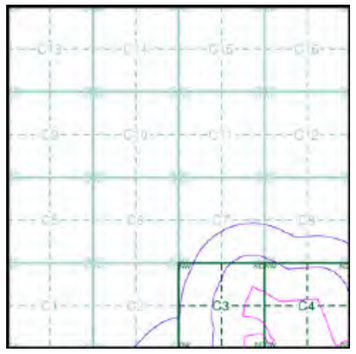


Historical Map - Slice C



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

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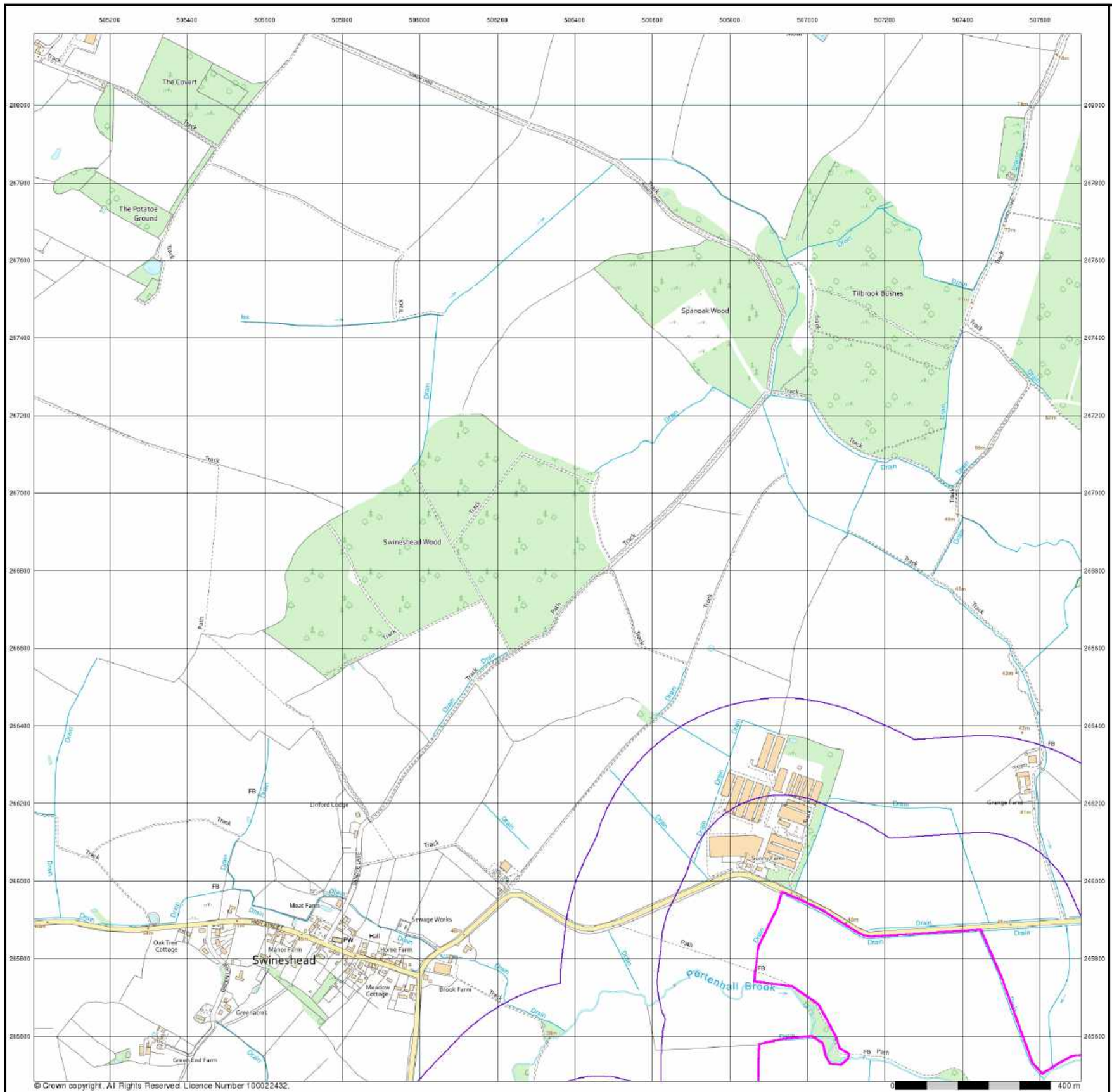

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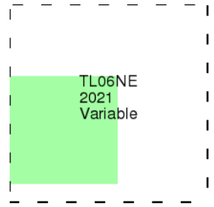
VectorMap Local

Published 2021

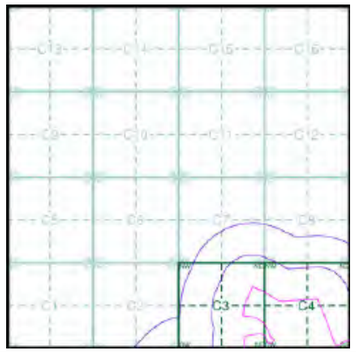
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice C



N

Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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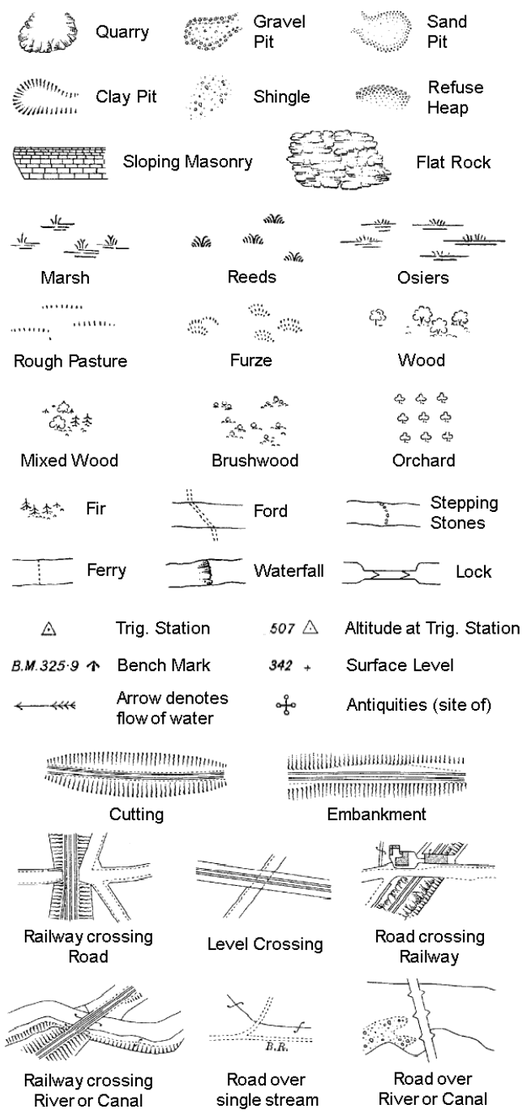
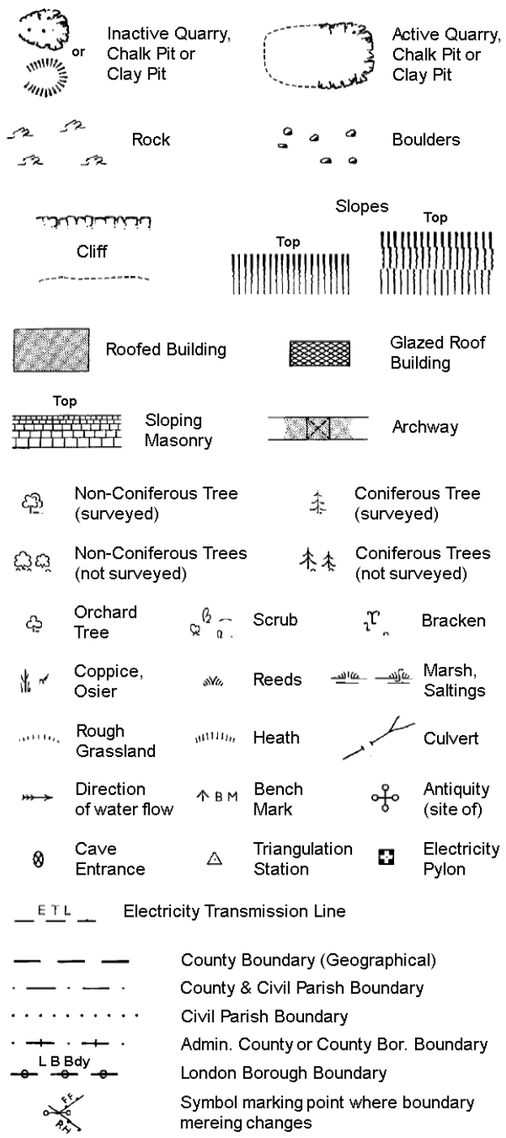
Historical Mapping Legends

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



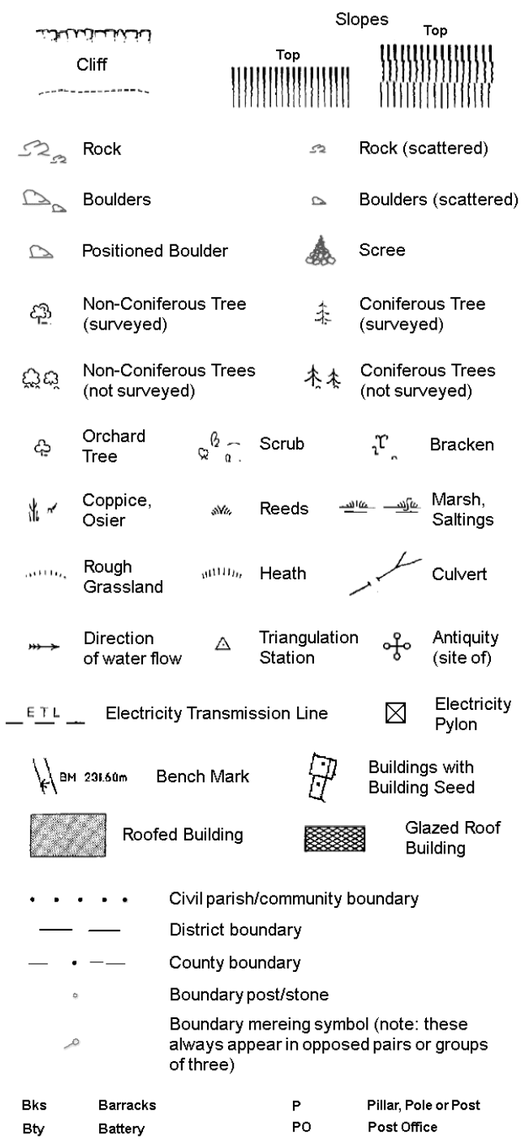
B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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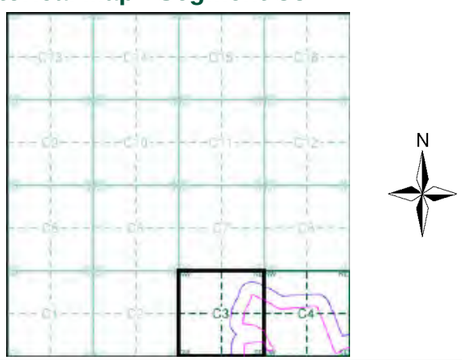
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:2,500	1884	2
Huntingdonshire	1:2,500	1887	3
Bedfordshire	1:2,500	1901	4
Huntingdonshire	1:2,500	1901	5
Ordnance Survey Plan	1:2,500	1980	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	1999	8

Historical Map - Segment C3



Order Details

Order Number: 299346790_1_1
Customer Ref: R3035
National Grid Reference: 507020, 265910
Slice: C
Site Area (Ha): 255.74
Search Buffer (m): 100

Site Details

Area A

Landmark INFORMATION GROUP
Tel: 0844 844 9952
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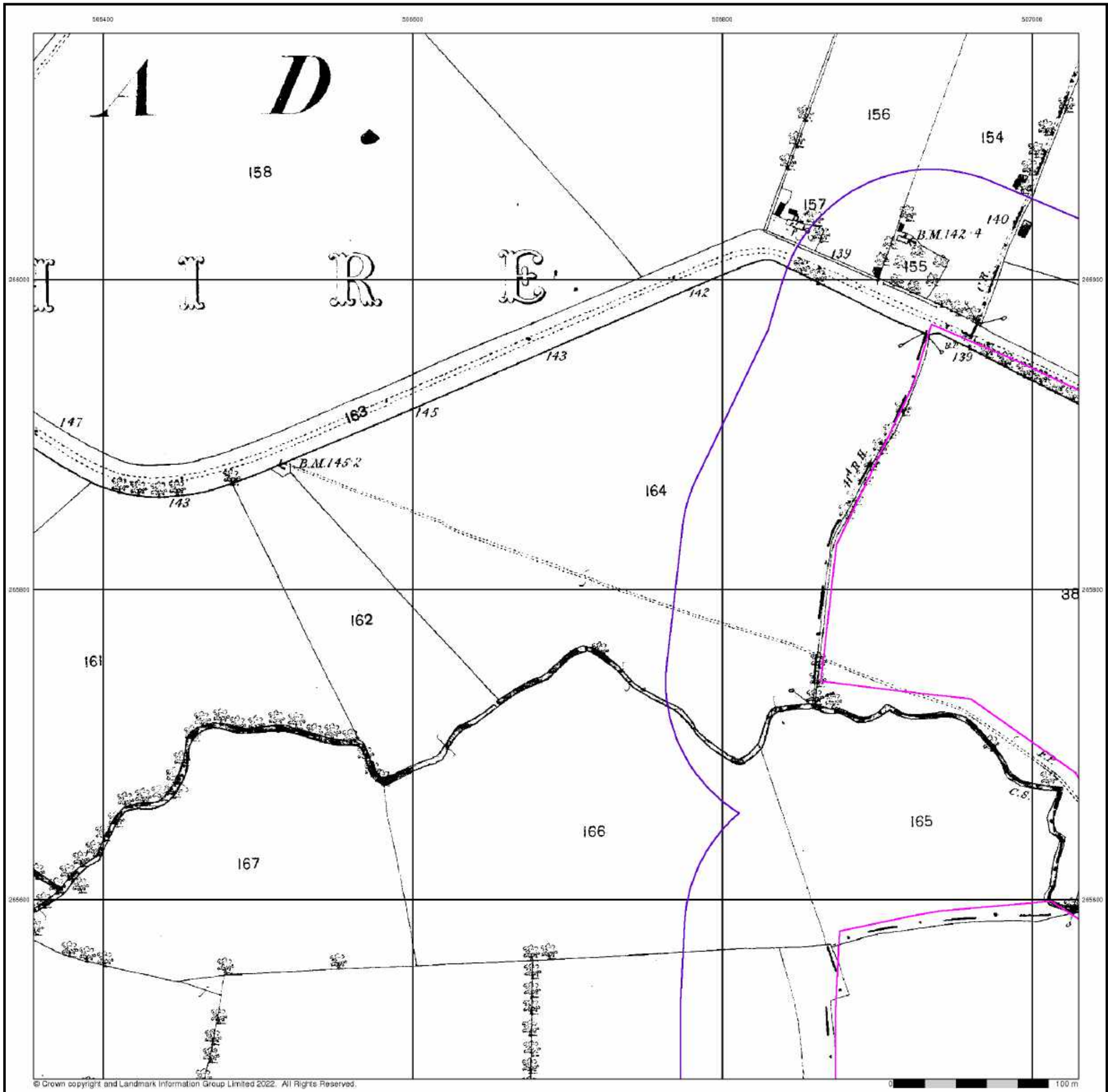

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Bedfordshire

Published 1884

Source map scale - 1:2,500

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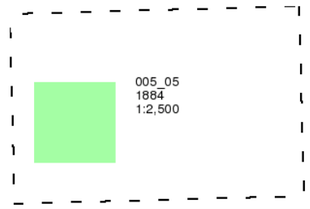
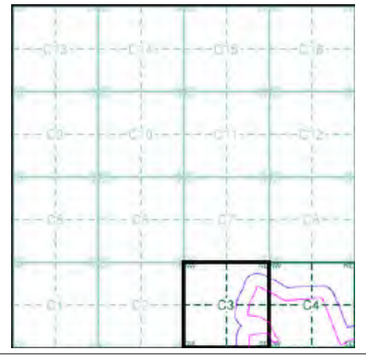
Map Name(s) and Date(s)



Historical Map - Segment C3



Order Details

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Site Area (Ha):	255.74
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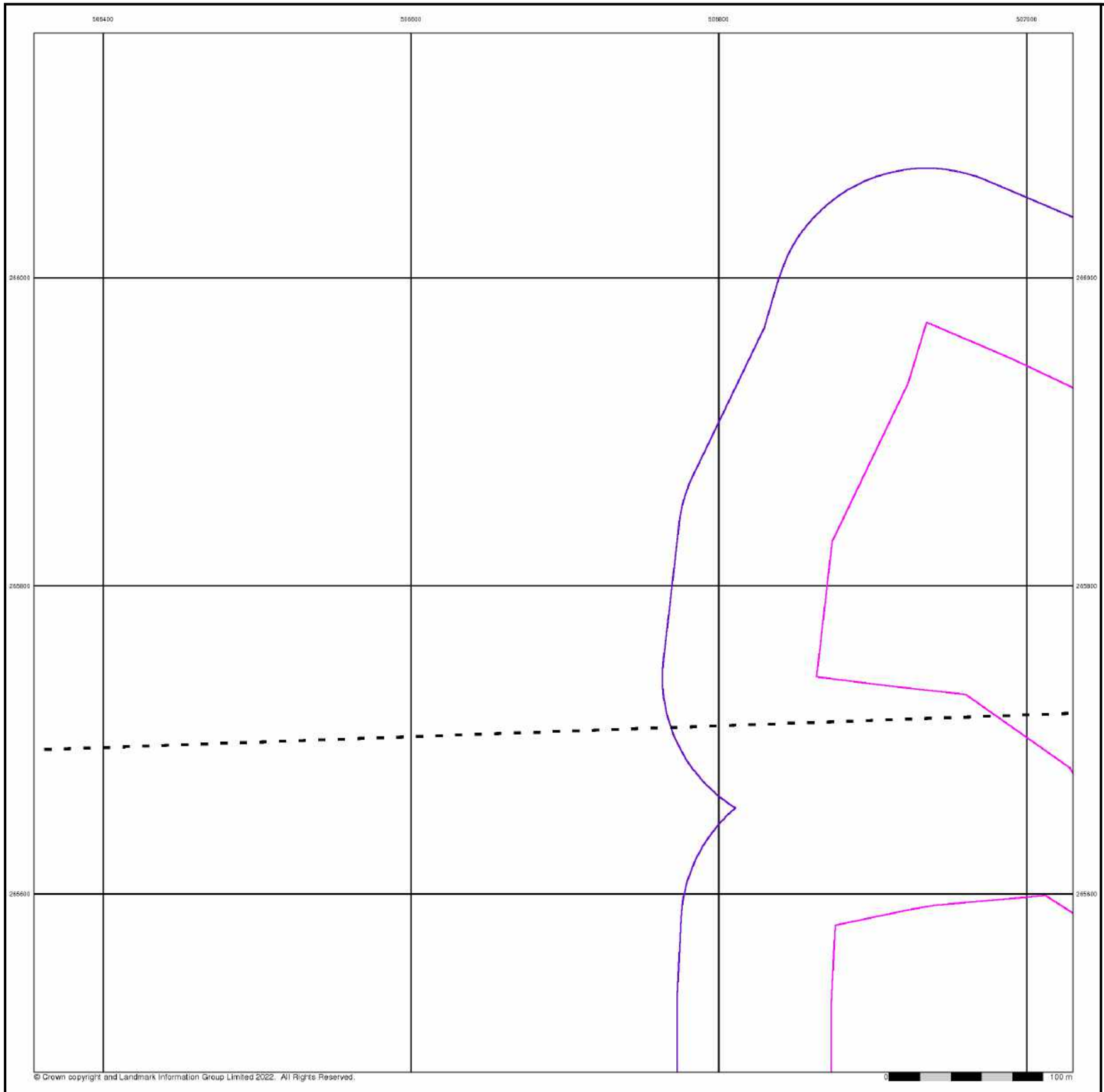

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Huntingdonshire

Published 1887

Source map scale - 1:2,500

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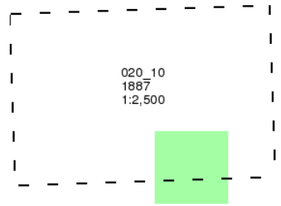
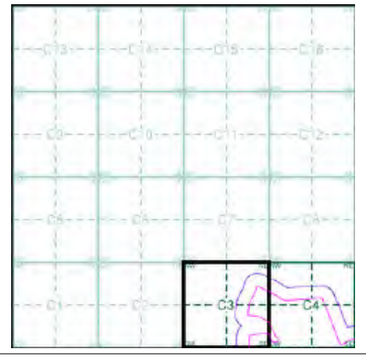


Historical Map - Segment C3



Order Details

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Slice:	C
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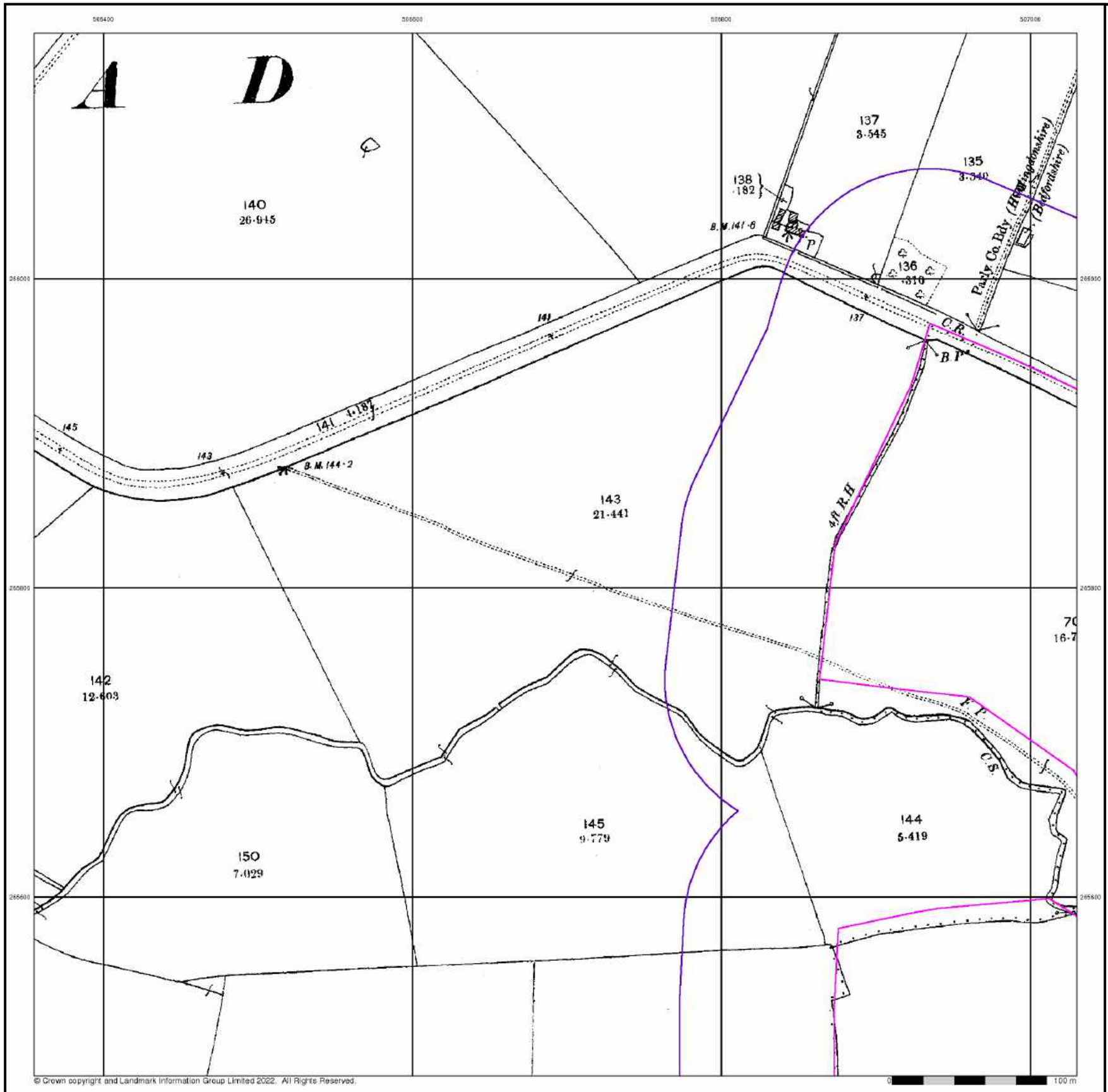

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Bedfordshire

Published 1901

Source map scale - 1:2,500

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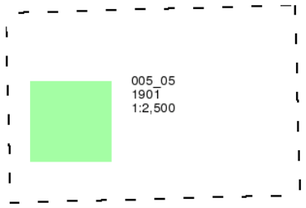
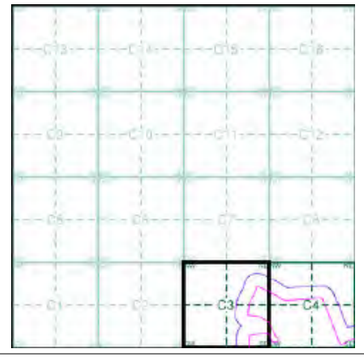


Historical Map - Segment C3



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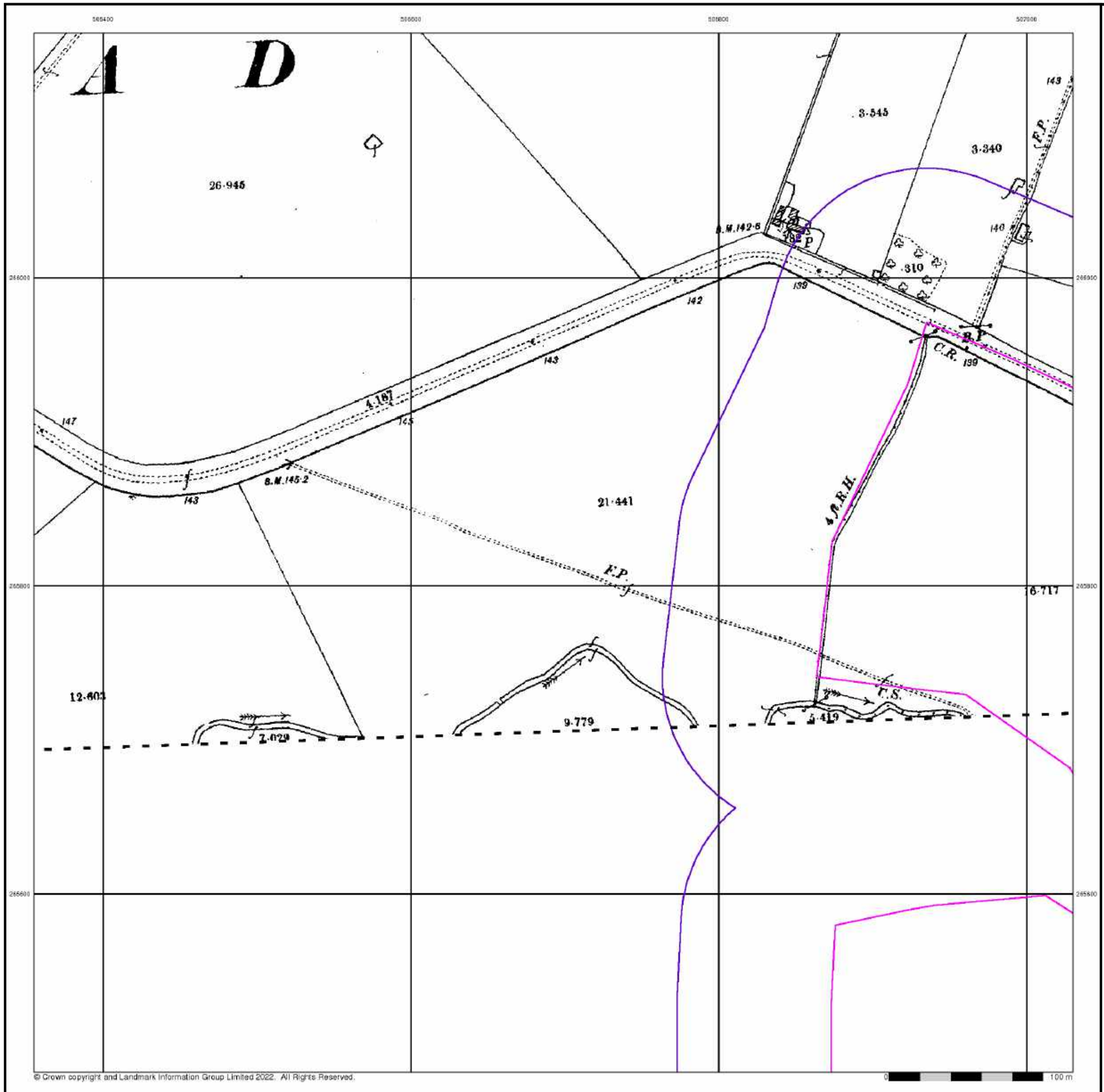

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Huntingdonshire

Published 1901

Source map scale - 1:2,500

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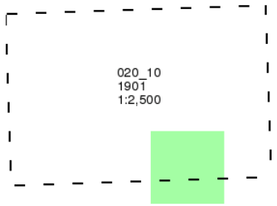
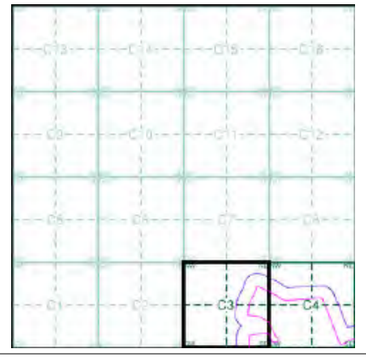


Historical Map - Segment C3



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	507020, 265910
Slice:	C
Site Area (Ha):	255.74
Search Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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

506400
506600
506800
507000
266000
265800
265600
Pond
Drain
Sunny Farm
Hopper
Water Tower
Tank
Tank
Hopper
Hopper
Hopper

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Large-Scale National Grid Data

Published 1994

Source map scale - 1:2,500

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

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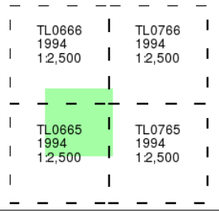
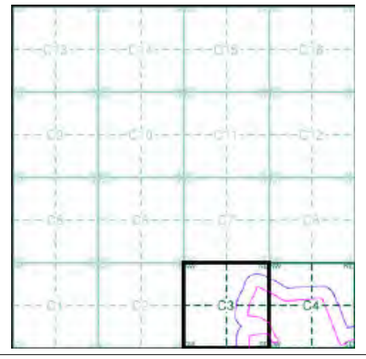


Historical Map - Segment C3



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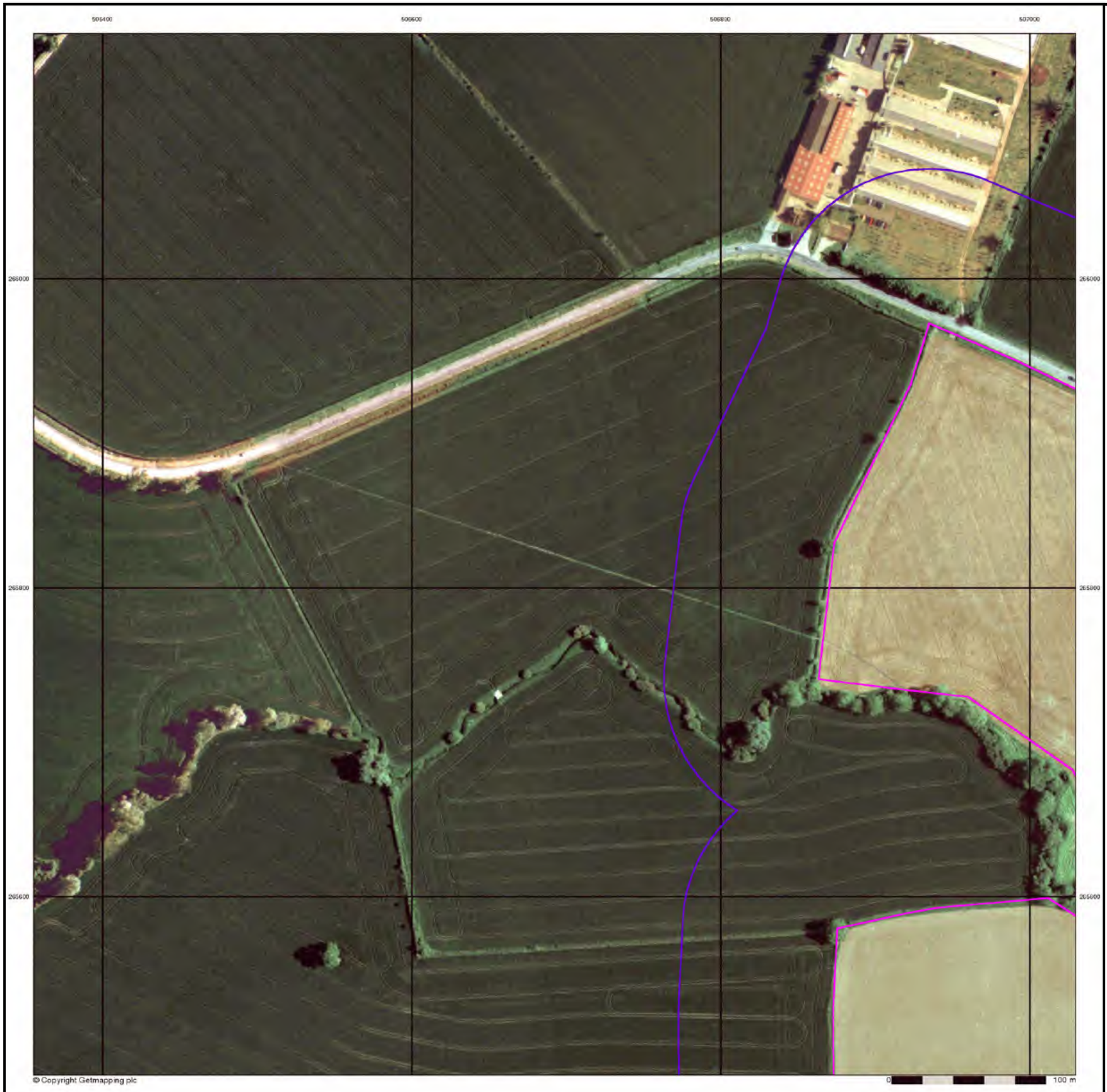

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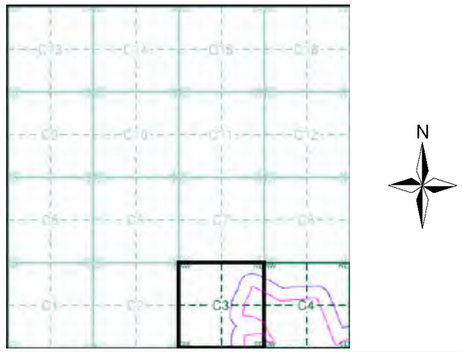
Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment C3



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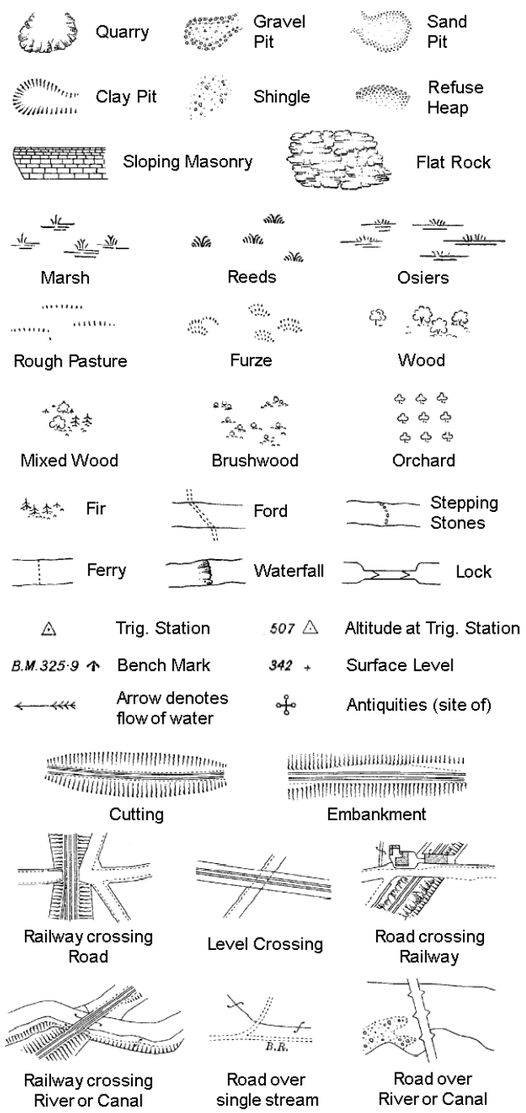
Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

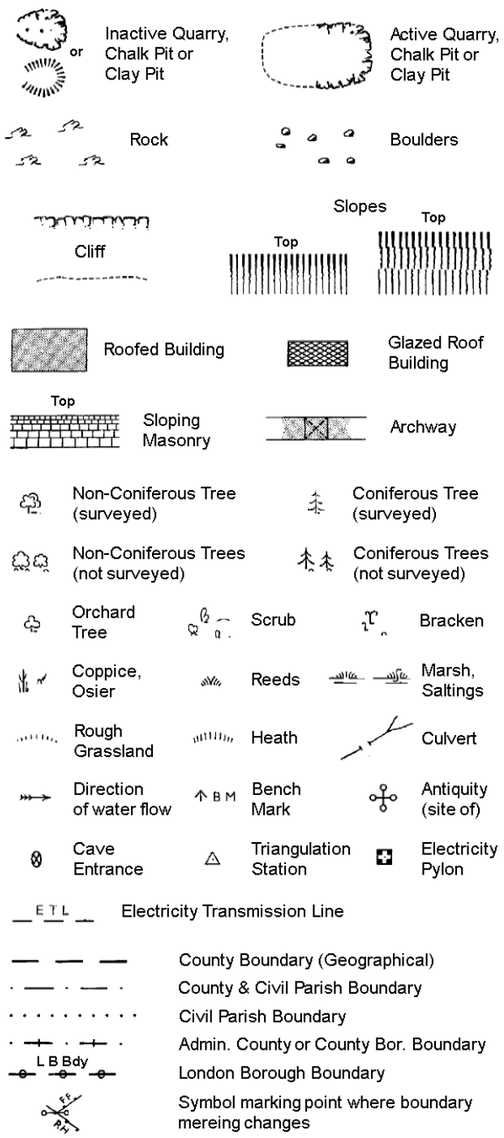
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

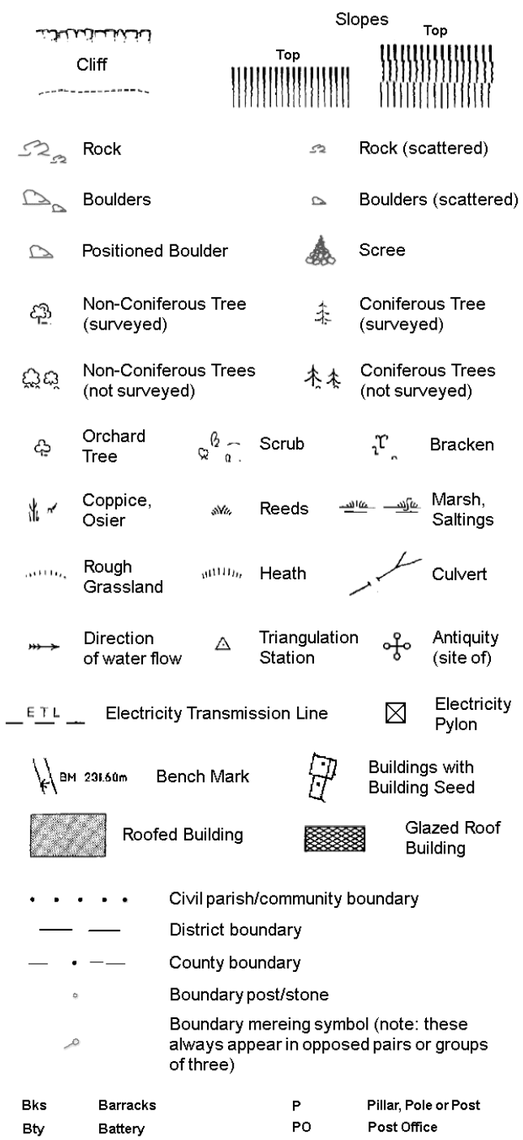
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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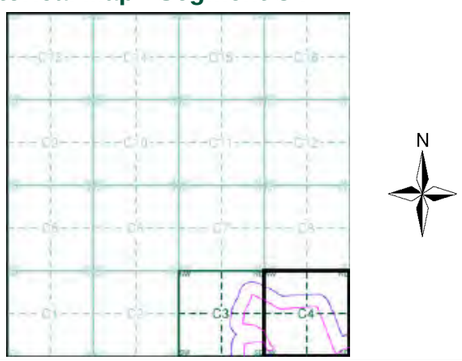
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:2,500	1884	2
Huntingdonshire	1:2,500	1887	3
Huntingdonshire	1:2,500	1901	4
Bedfordshire	1:2,500	1901	5
Ordnance Survey Plan	1:2,500	1980	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	1999	8

Historical Map - Segment C4



Order Details

Order Number: 299346790_1_1
Customer Ref: R3035
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Site Details

Area A

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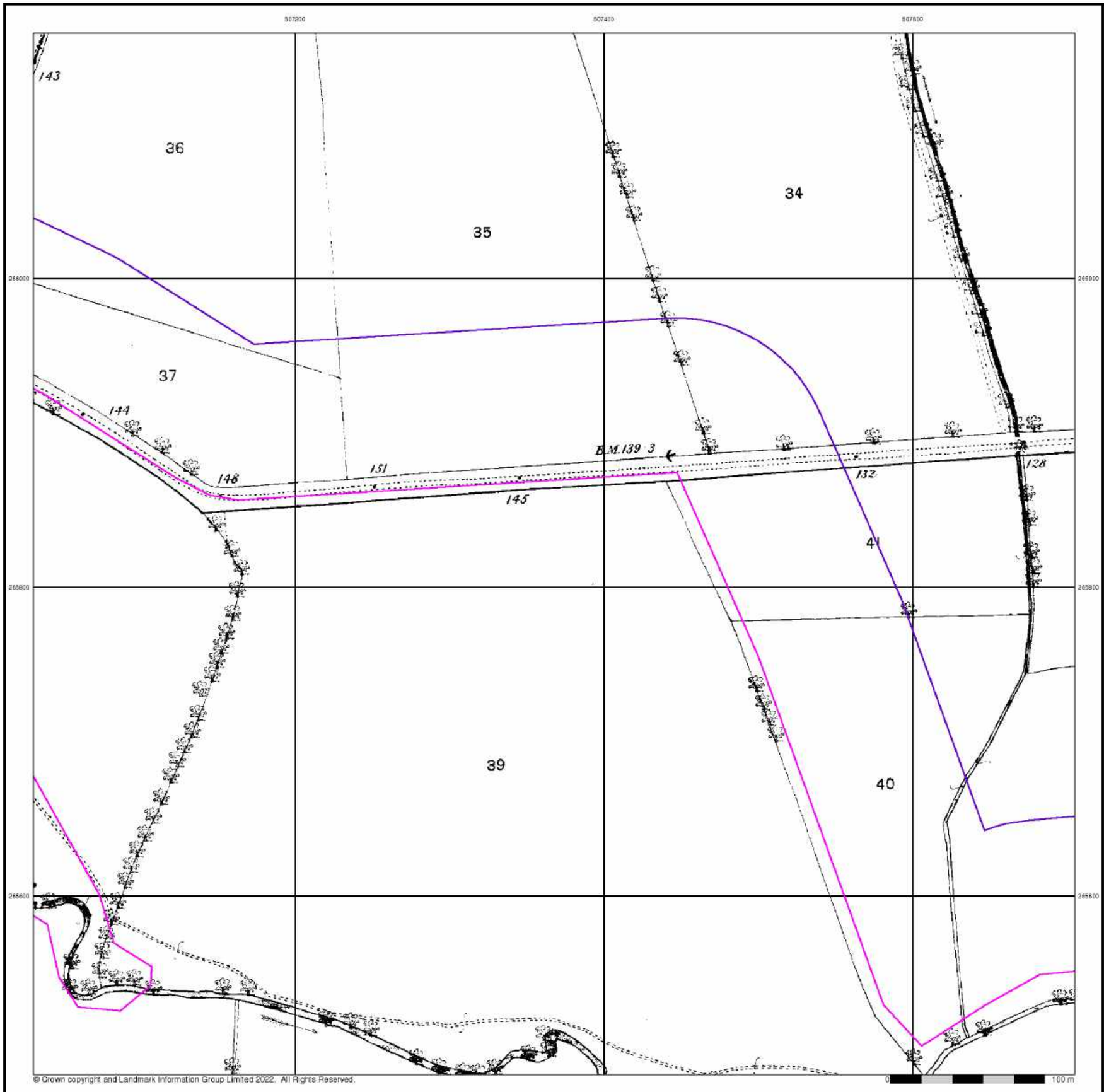

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Bedfordshire

Published 1884

Source map scale - 1:2,500

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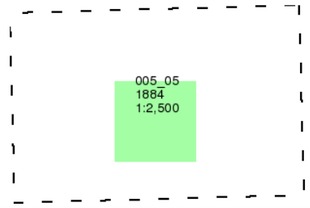
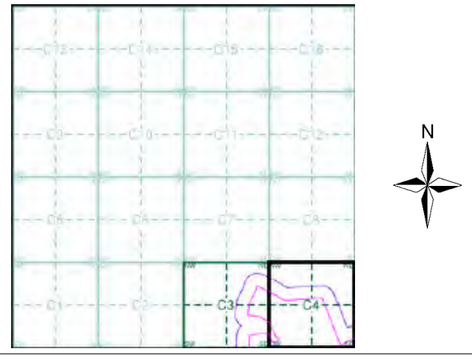


Historical Map - Segment C4



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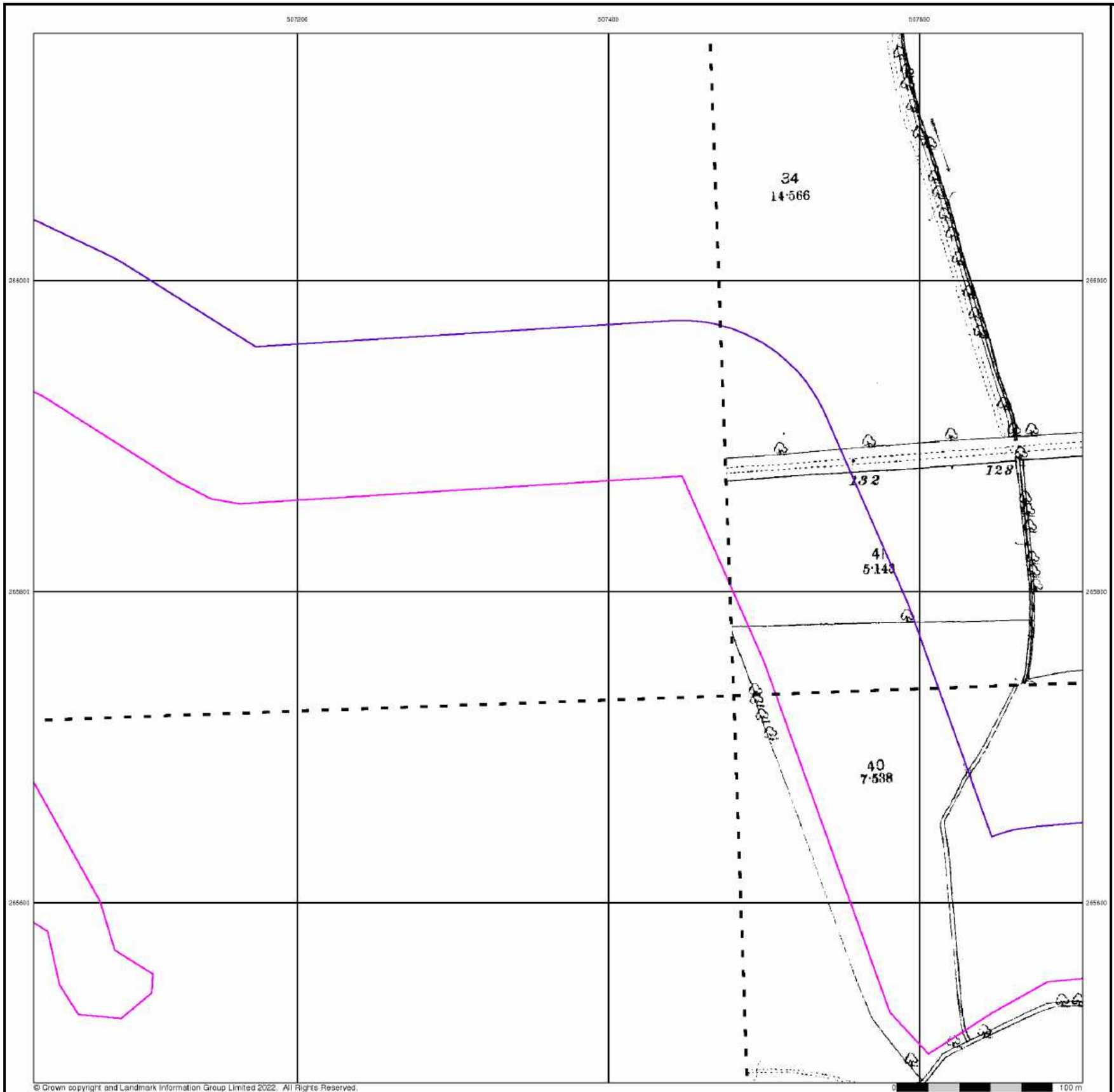

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Huntingdonshire

Published 1887

Source map scale - 1:2,500

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

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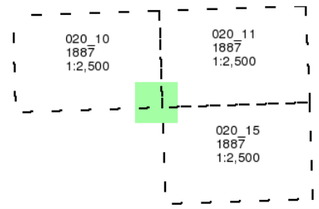
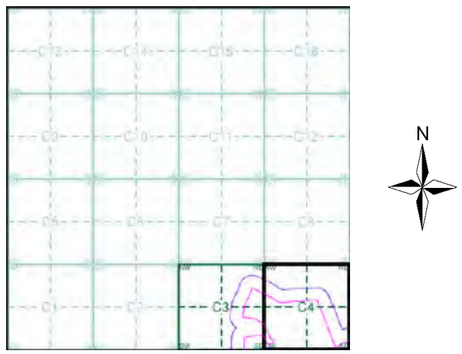


Historical Map - Segment C4



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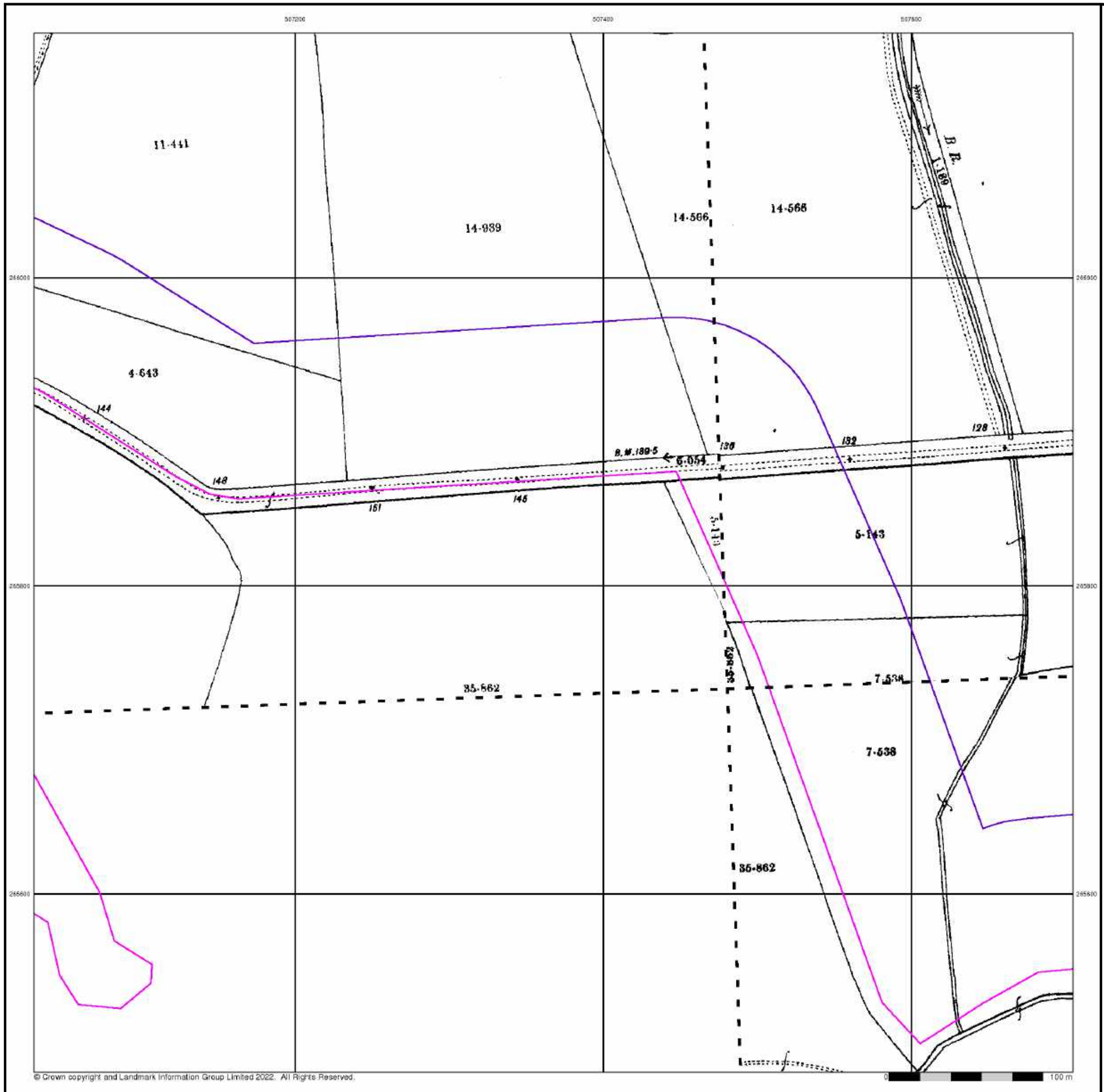

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Huntingdonshire

Published 1901

Source map scale - 1:2,500

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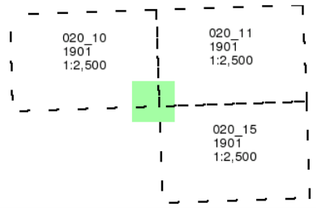
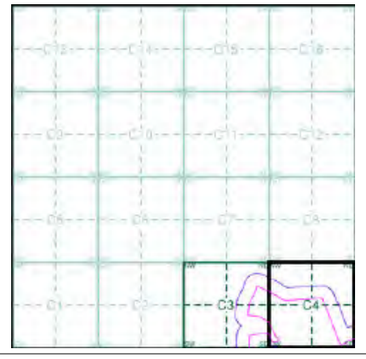


Historical Map - Segment C4



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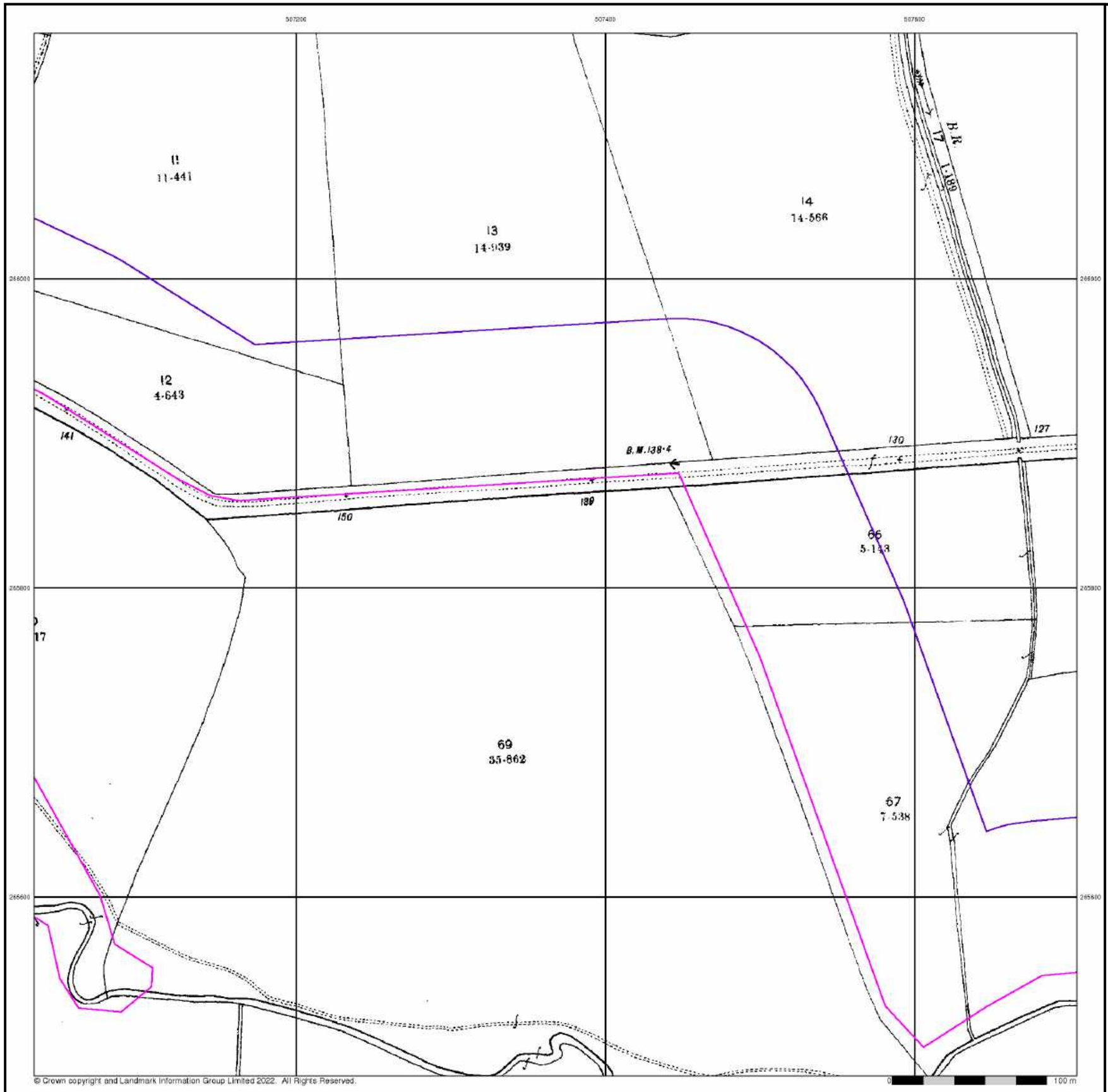

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Bedfordshire

Published 1901

Source map scale - 1:2,500

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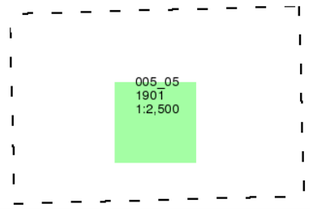
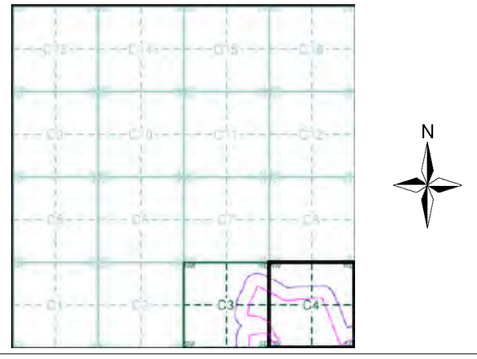


Historical Map - Segment C4



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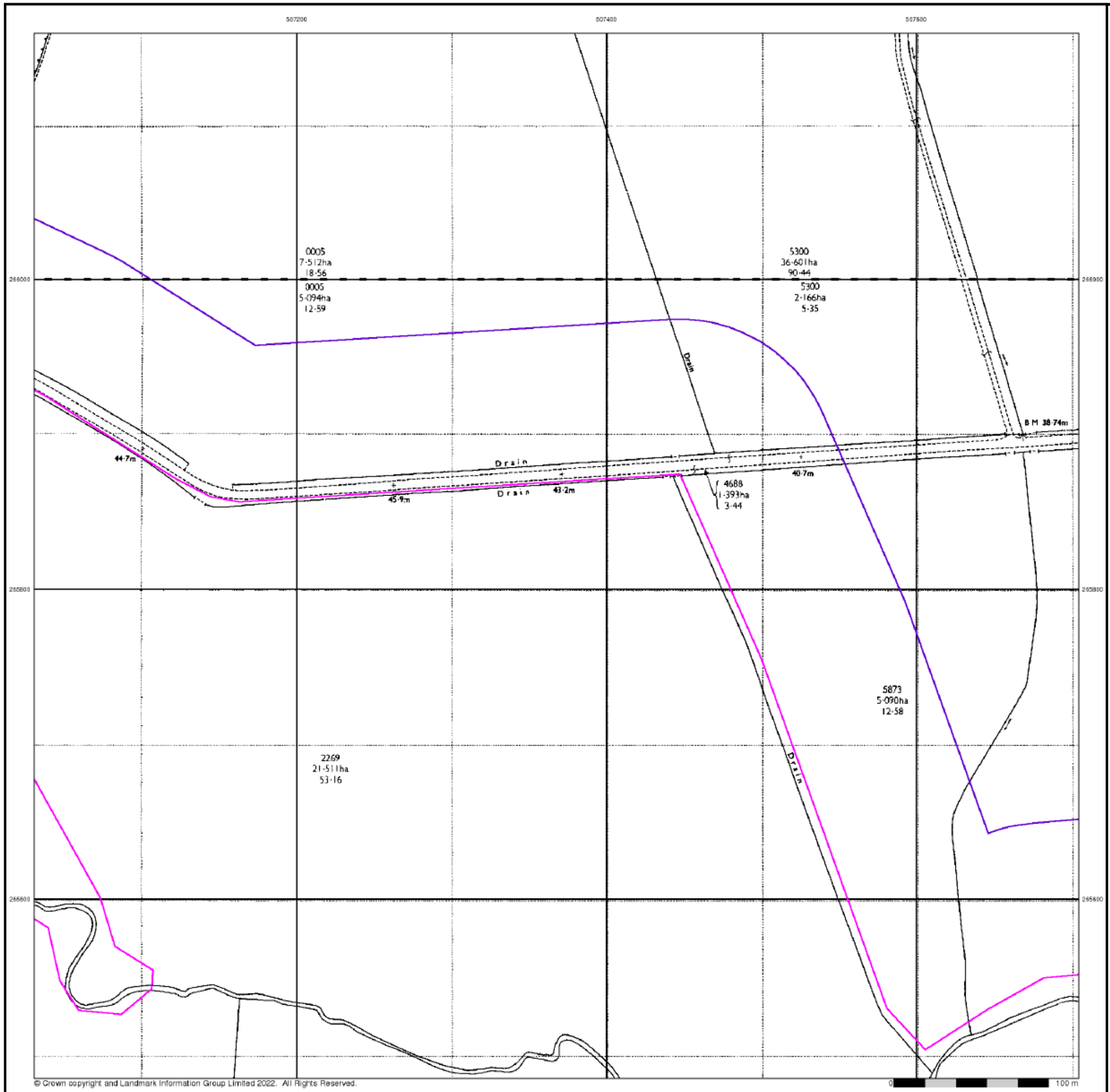

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Ordnance Survey Plan

Published 1980

Source map scale - 1:2,500

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

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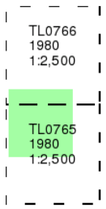
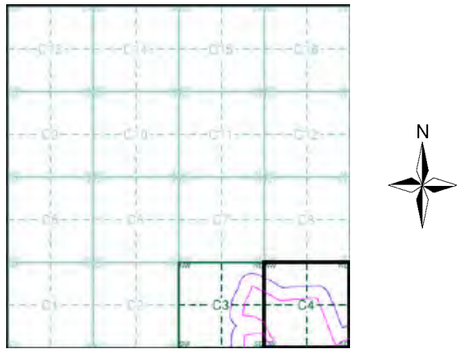


Historical Map - Segment C4



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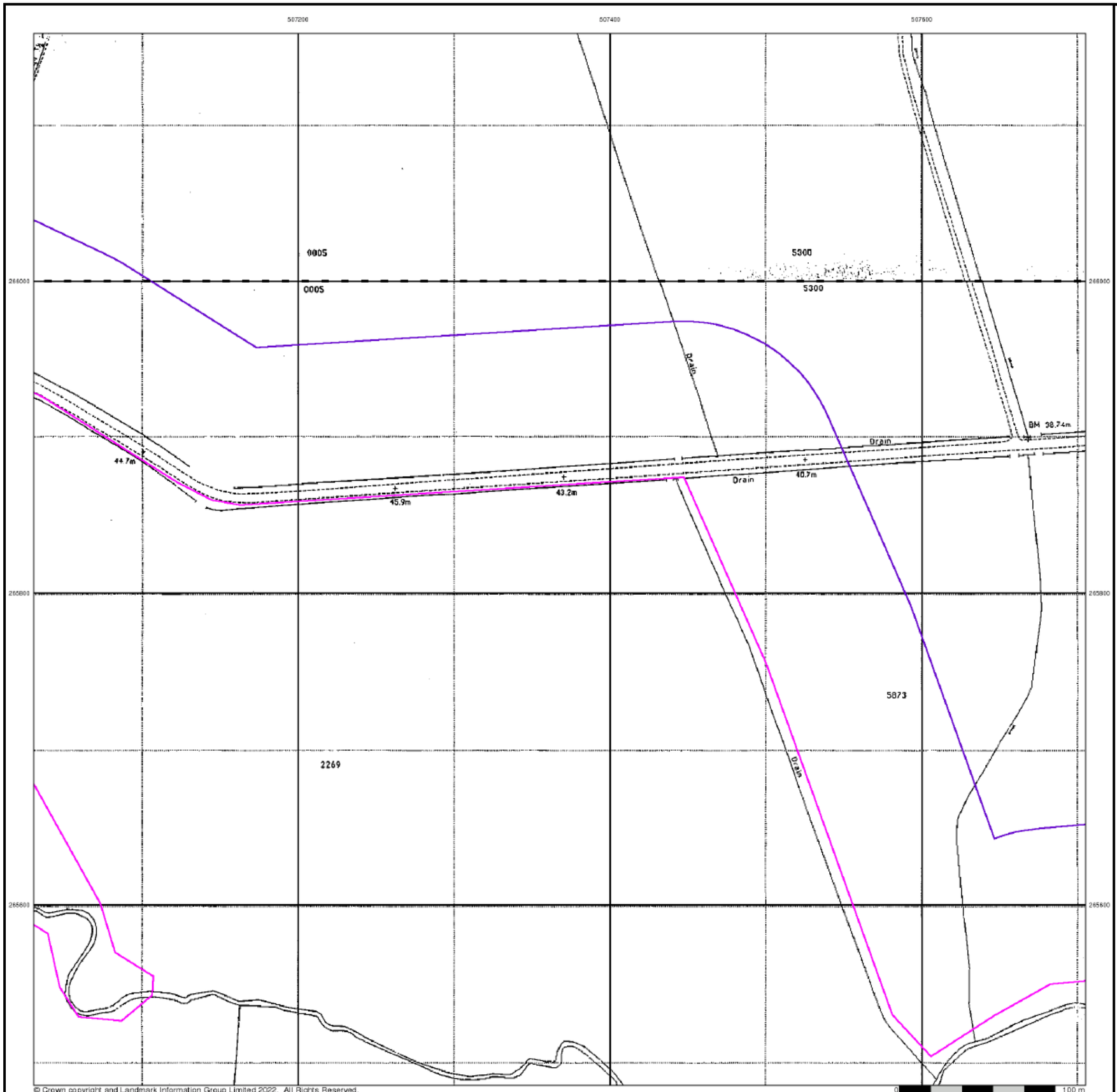

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Large-Scale National Grid Data

Published 1994

Source map scale - 1:2,500

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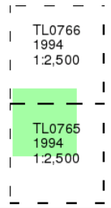
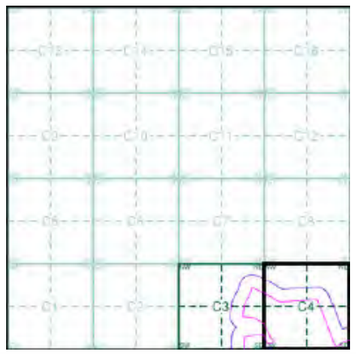


Historical Map - Segment C4



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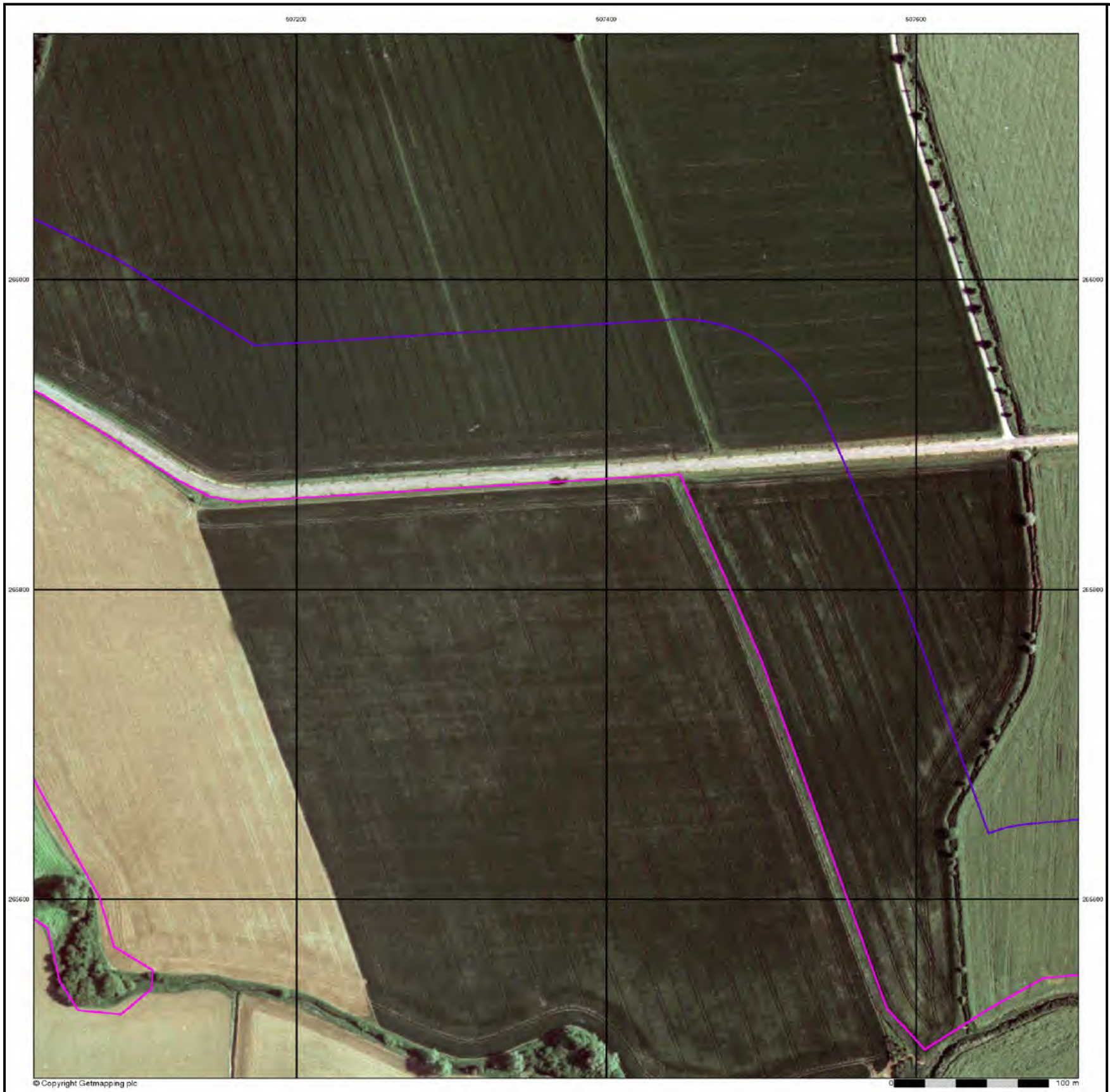

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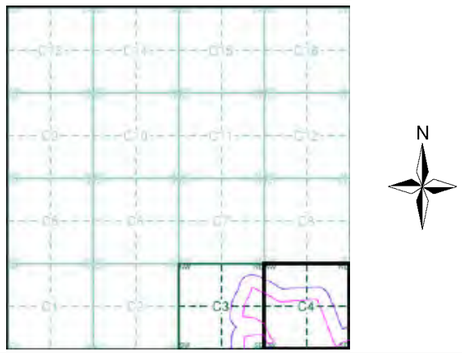
Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment C4



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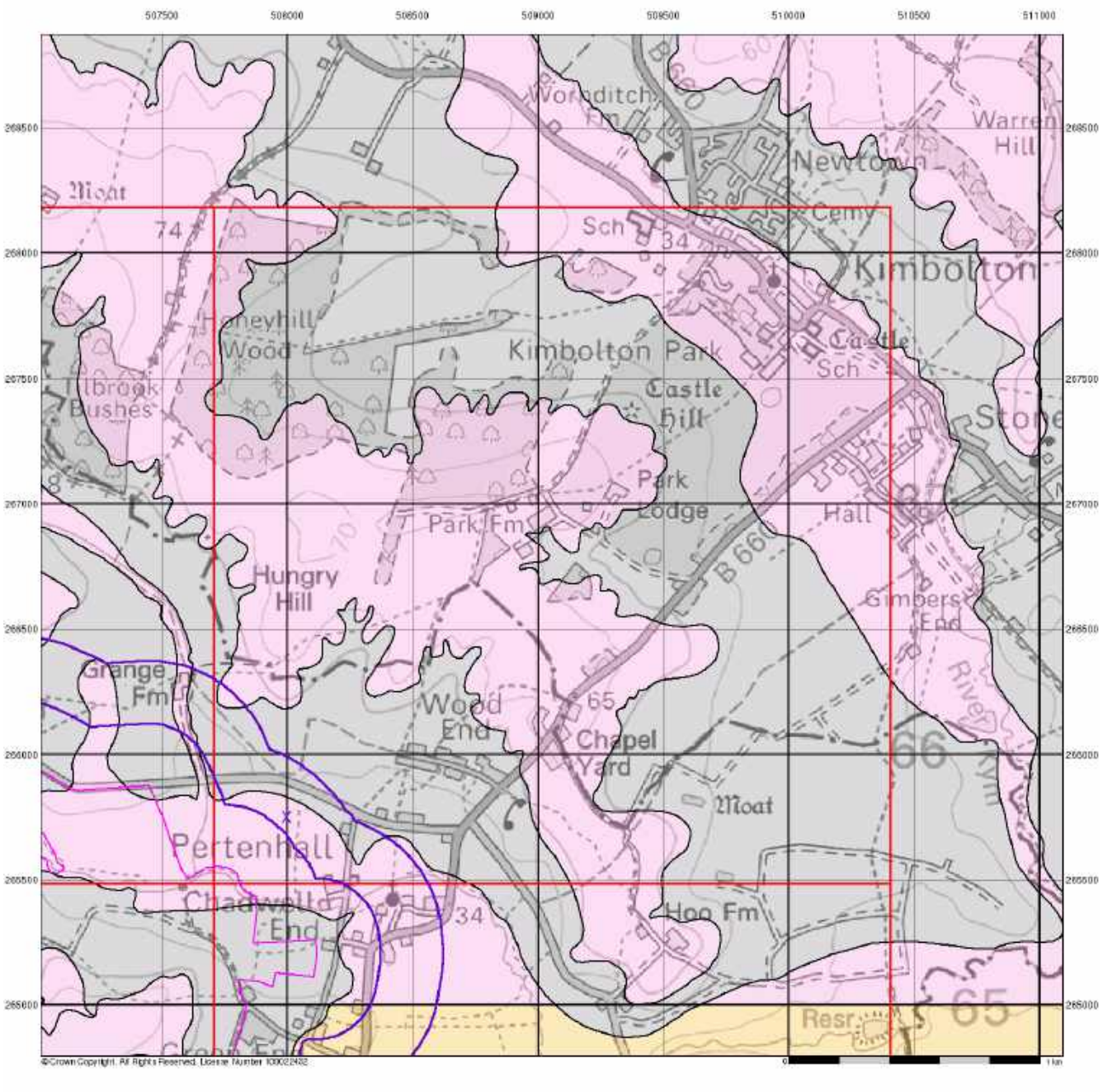
Site Details

Area A



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LANDMARK INFORMATION GROUP

Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice D

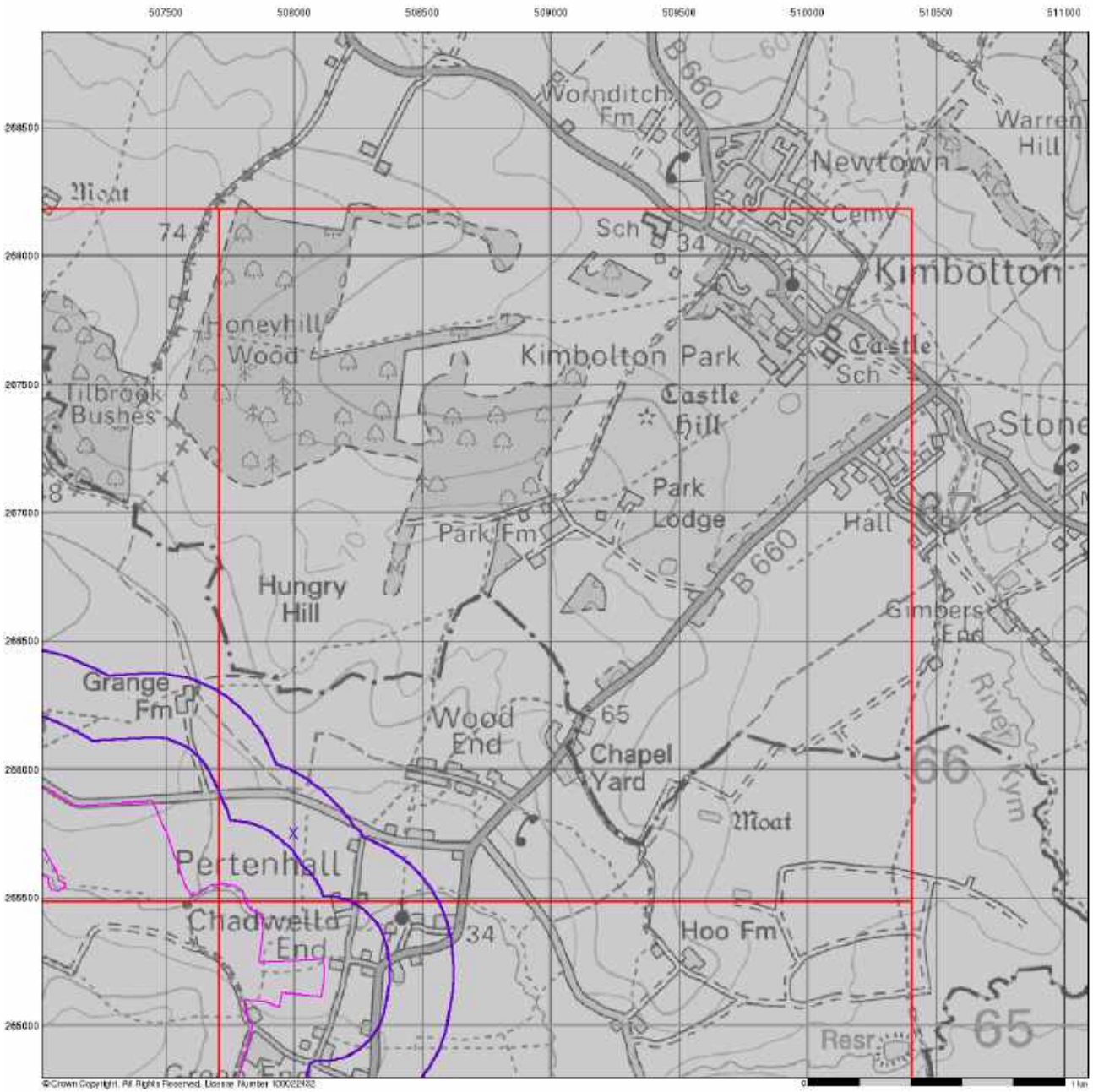
Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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



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LANDMARK INFORMATION GROUP

Bedrock Aquifer Designation

General

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

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice D

Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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Fax: 0844 844 9951
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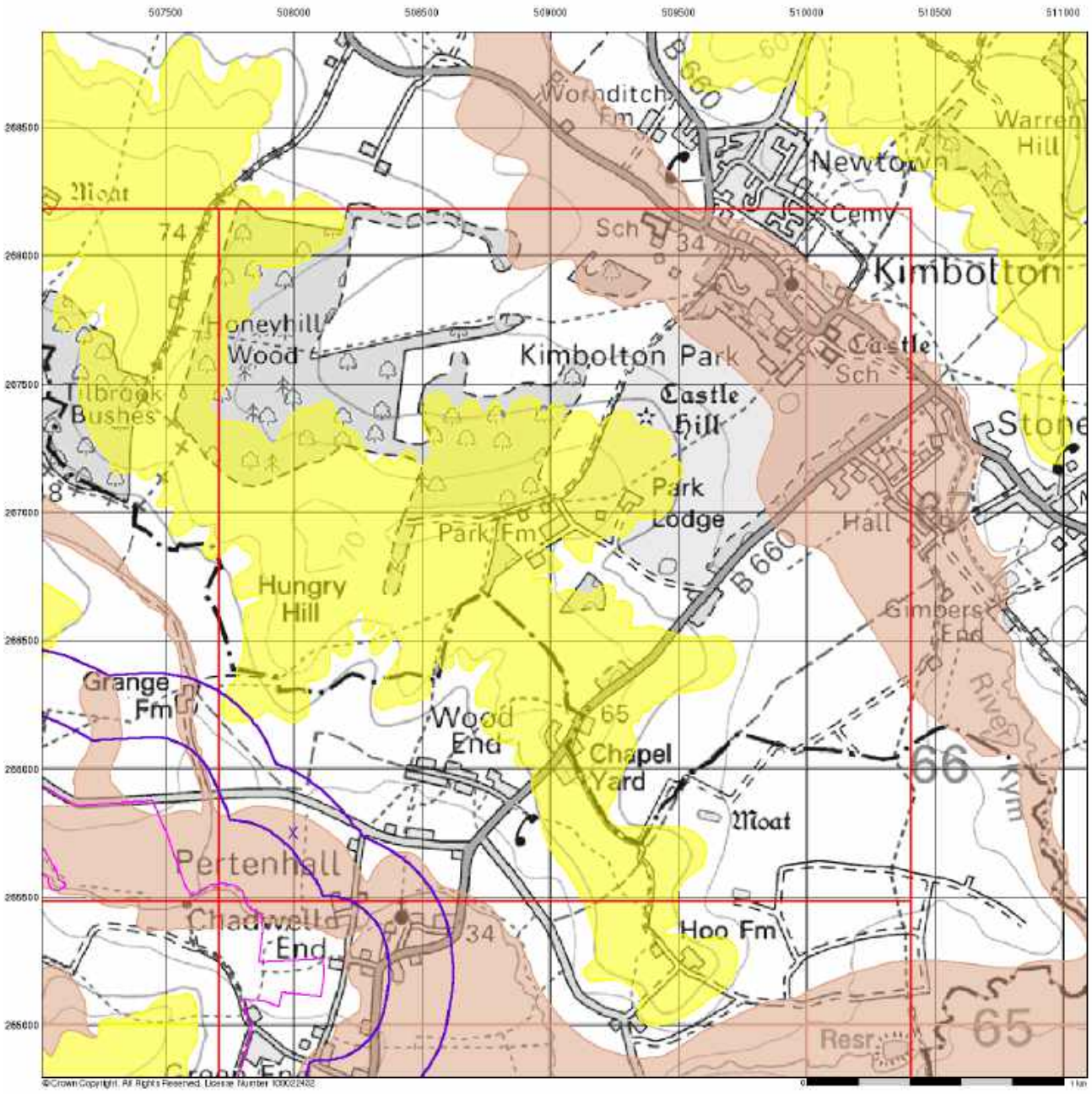

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LANDMARK INFORMATION GROUP

Superficial Aquifer Designation

General

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

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice D

Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

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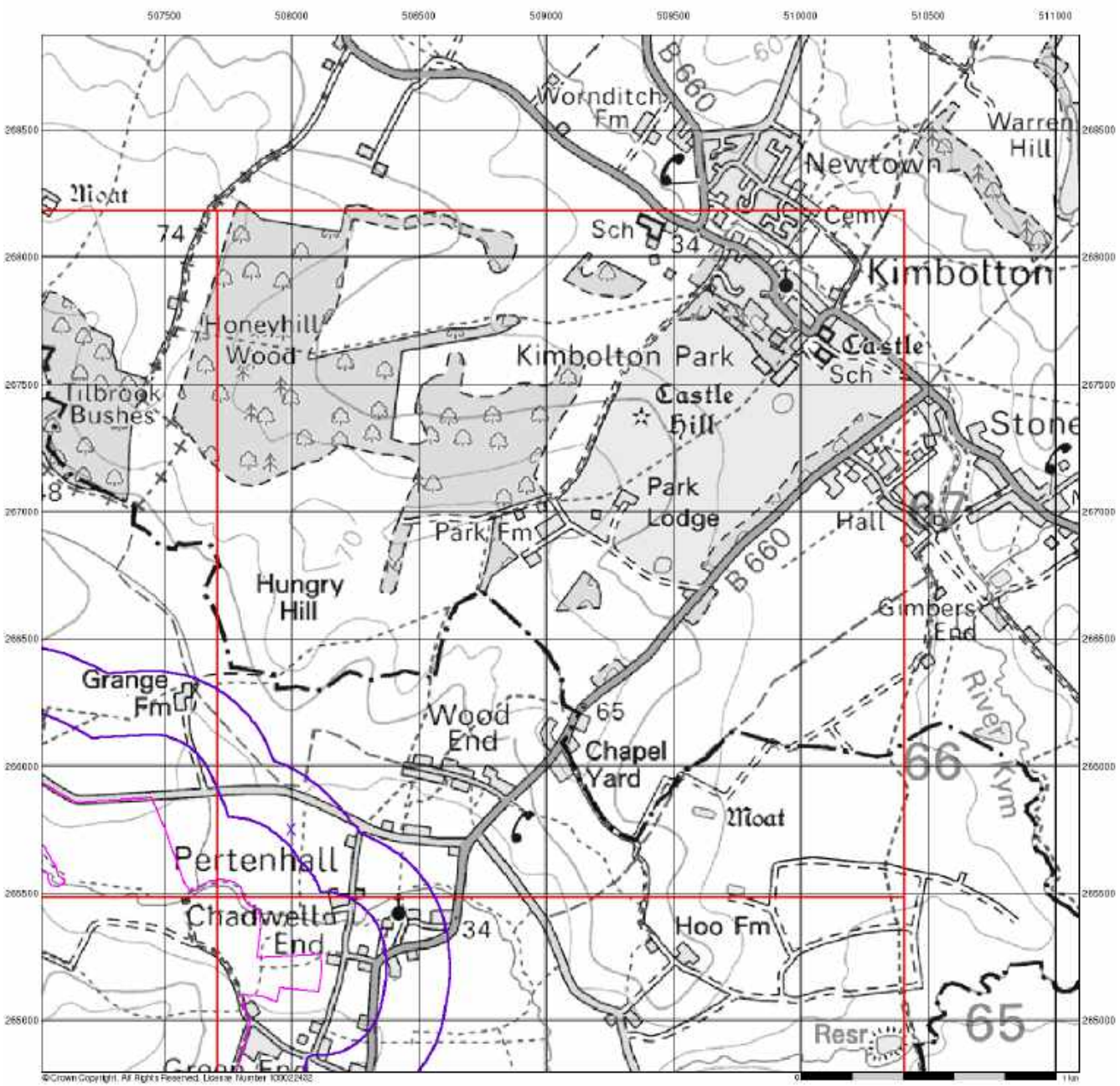

Envirocheck

LANDMARK INFORMATION GROUP

Source Protection Zones

General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice D

Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

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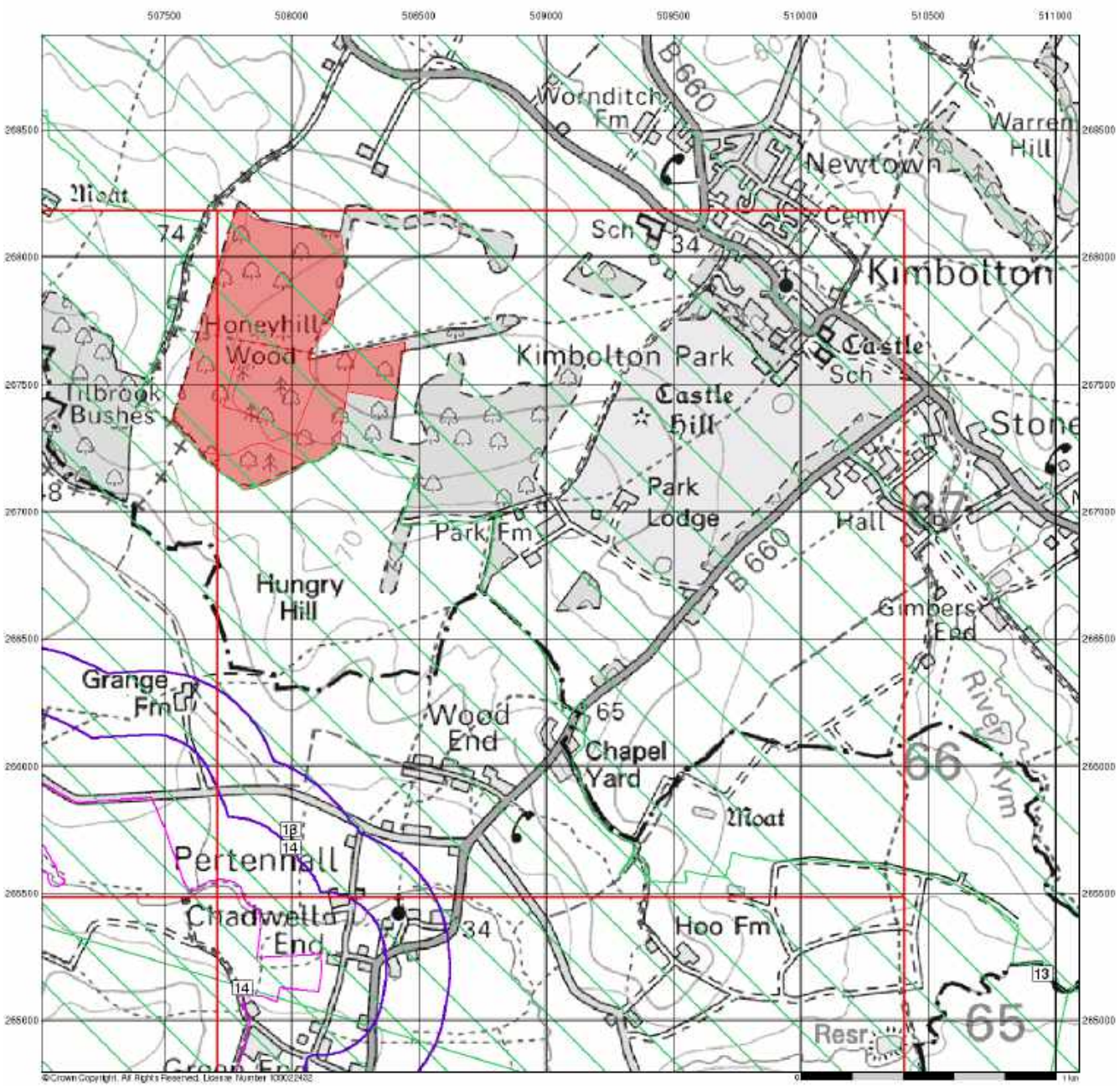

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LANDMARK INFORMATION GROUP

Sensitive Land Uses

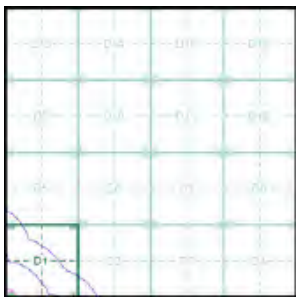
General

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

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice D



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
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Site Area (Ha):	255.74
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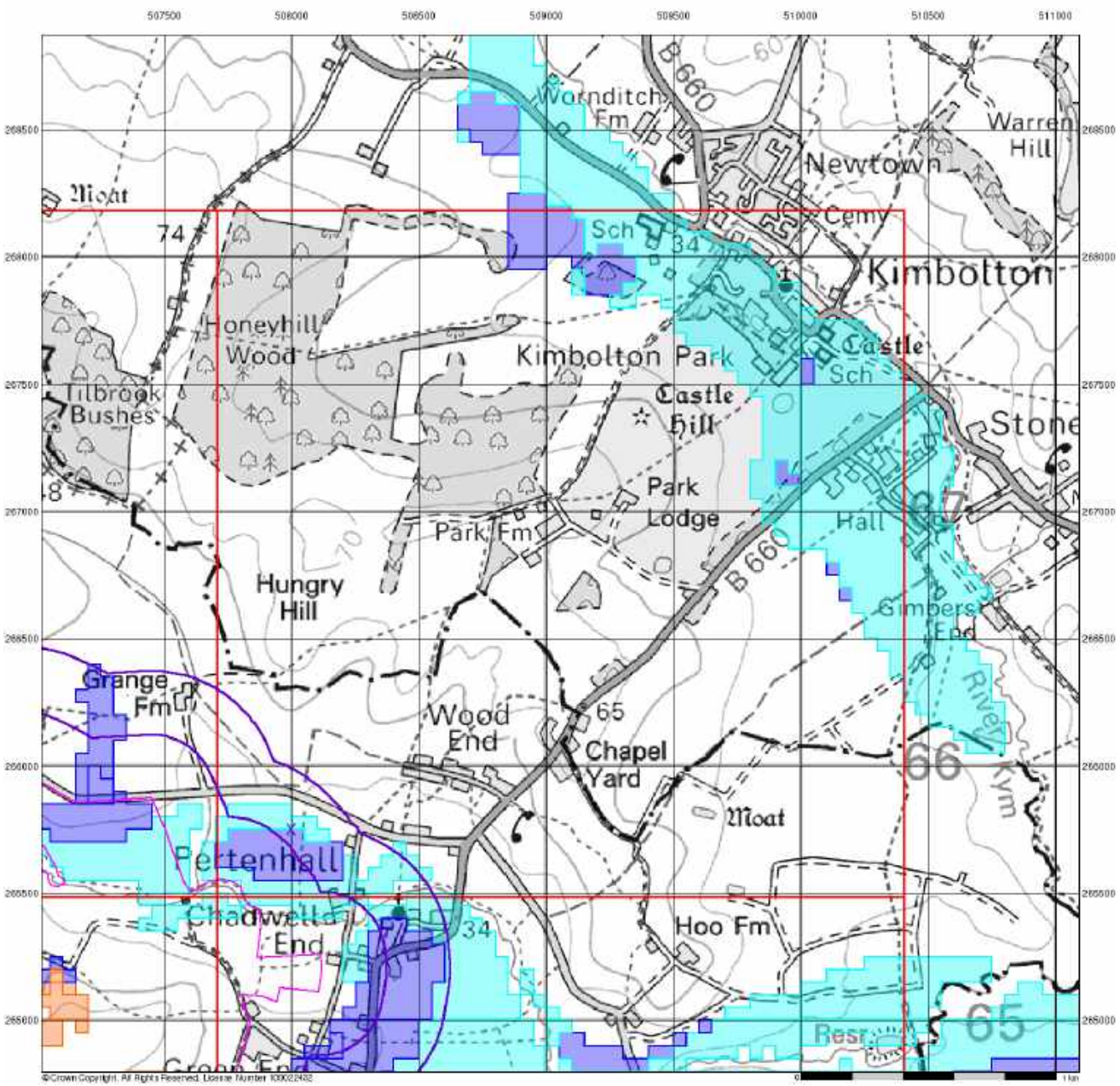

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BGS Flood GFS Data

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice D

Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

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Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay and Silt	Not Supplied - Holocene
	ODT	Oadby Member	Diamicton	Not Supplied - Anglian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	OXC	Oxford Clay Formation	Mudstone	Not Supplied - Callovian

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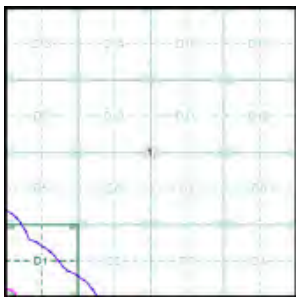
Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**186**
Map Name:	**Wellingborough**
Map Date:	**2007**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice D



Order Details:

Order Number:	299346790_1_1
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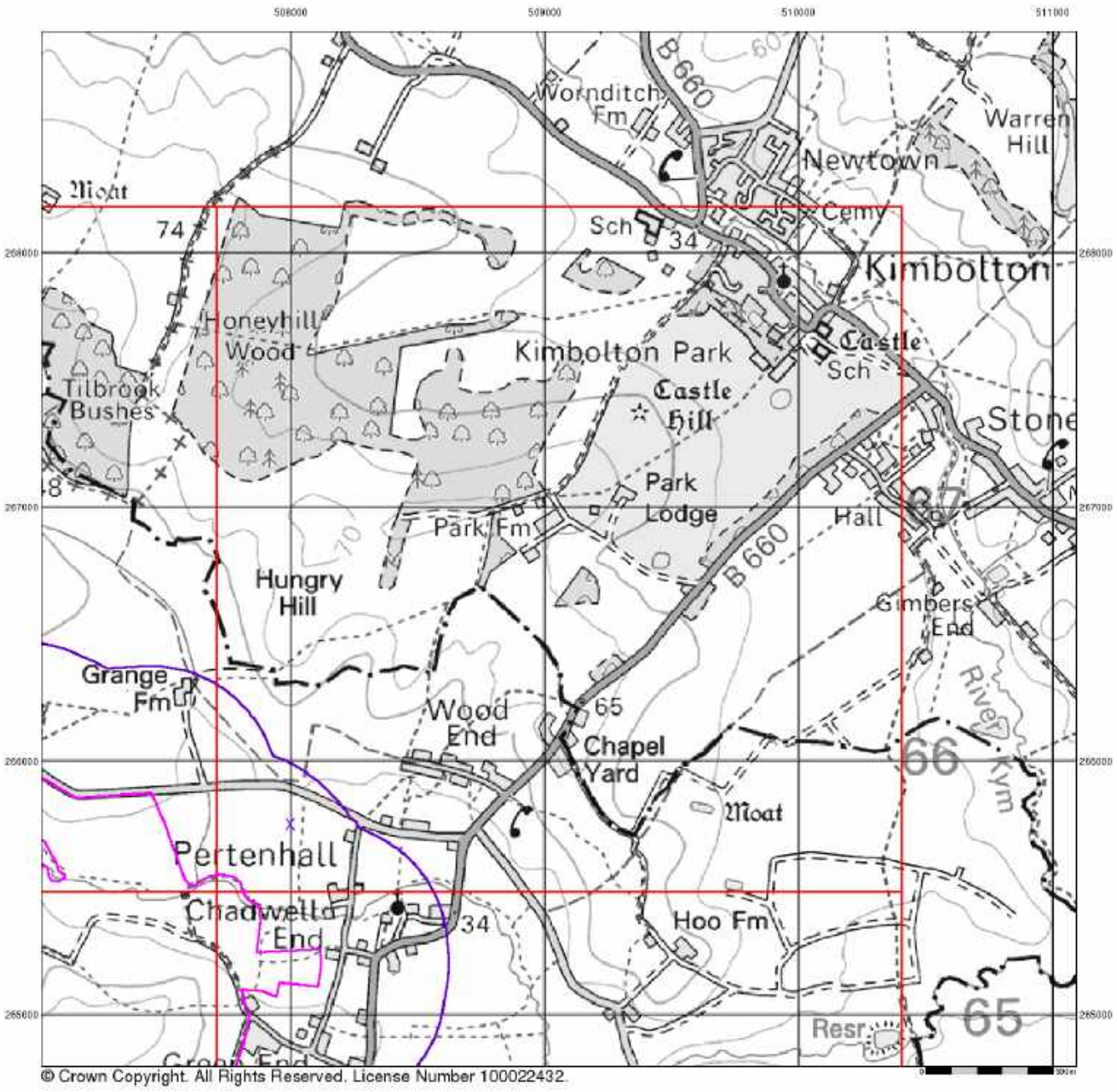
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details:

Area A



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Artificial Ground and Landslip

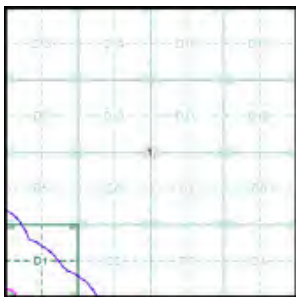
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice D



Order Details:

Order Number:	299346790_1_1
Customer Reference:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details:

Area A

Landmark INFORMATION GROUP

Tel: 0844 844 9952
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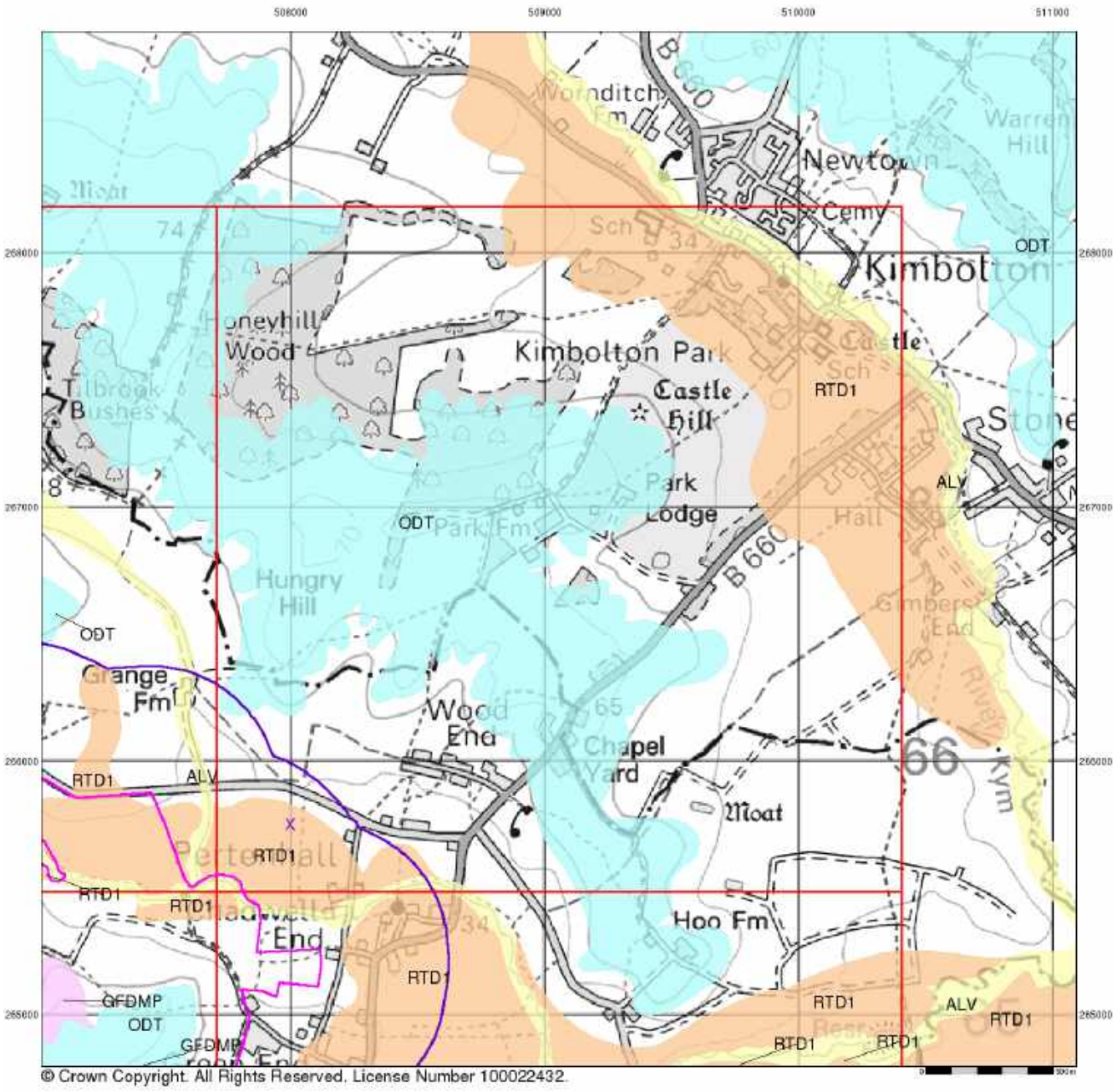

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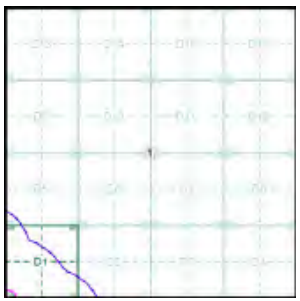
Superficial Geology

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

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

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

Superficial Geology Map - Slice D



Order Details:

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Customer Reference:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details:

Area A

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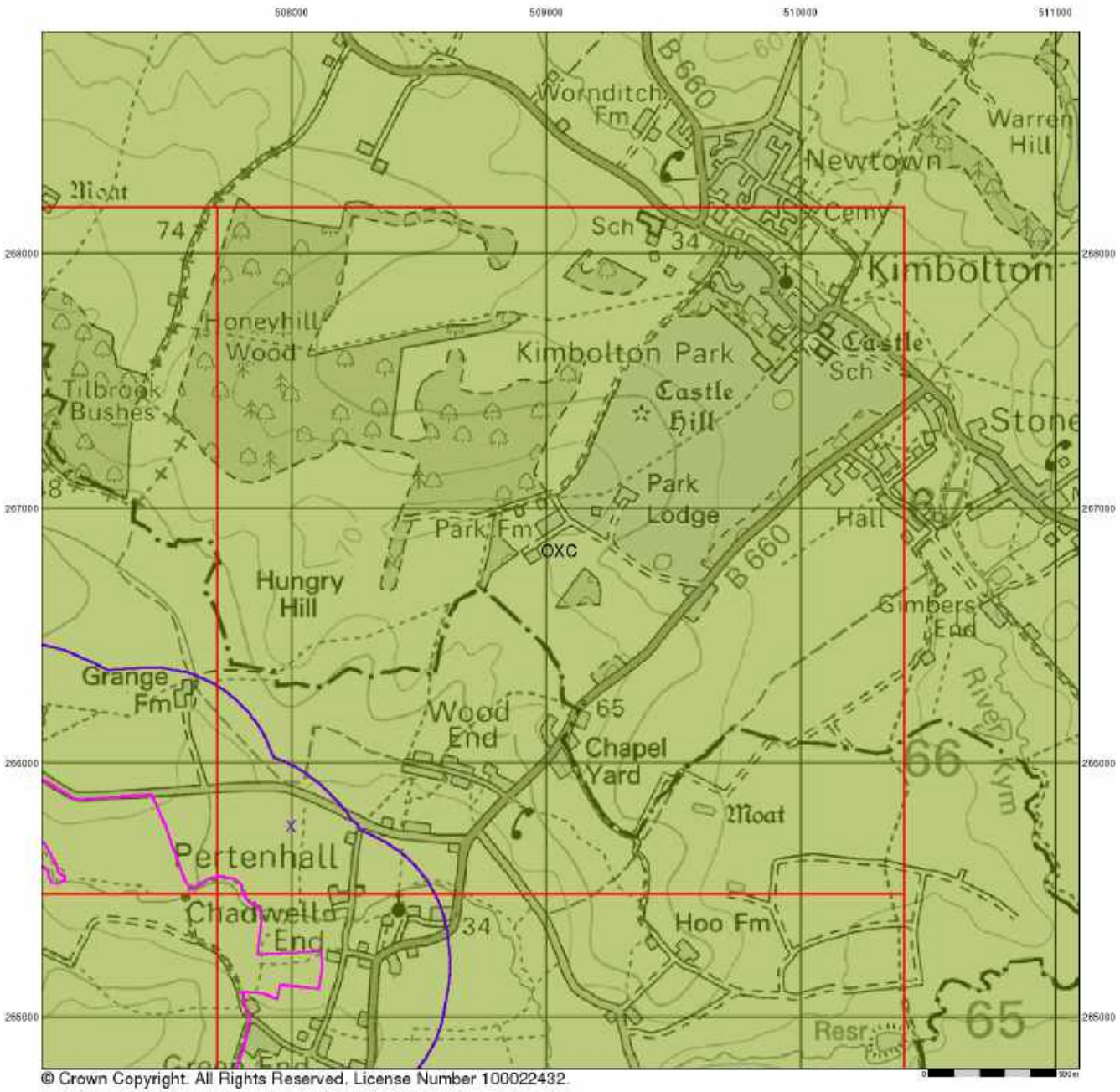
Web: www.envirocheck.co.uk



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Bedrock and Faults

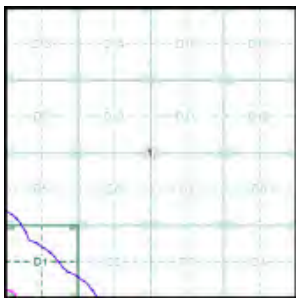
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice D



Order Details:

Order Number:	299346790_1_1
Customer Reference:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details:

Area A

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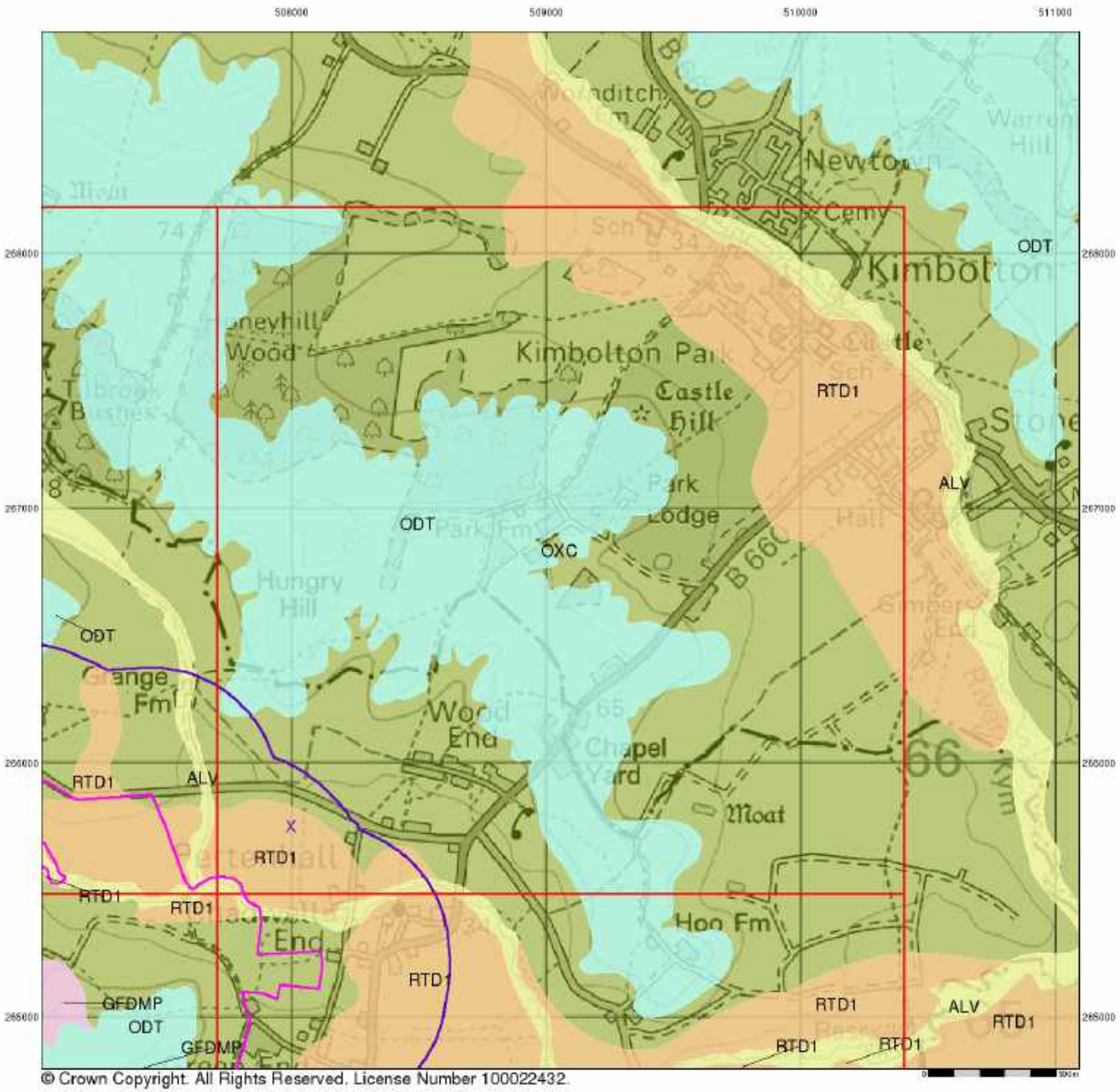

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Combined Surface Geology

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

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

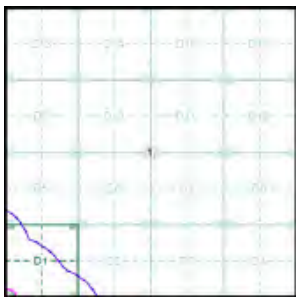
Additional Information

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

Contact

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

Combined Geology Map - Slice D

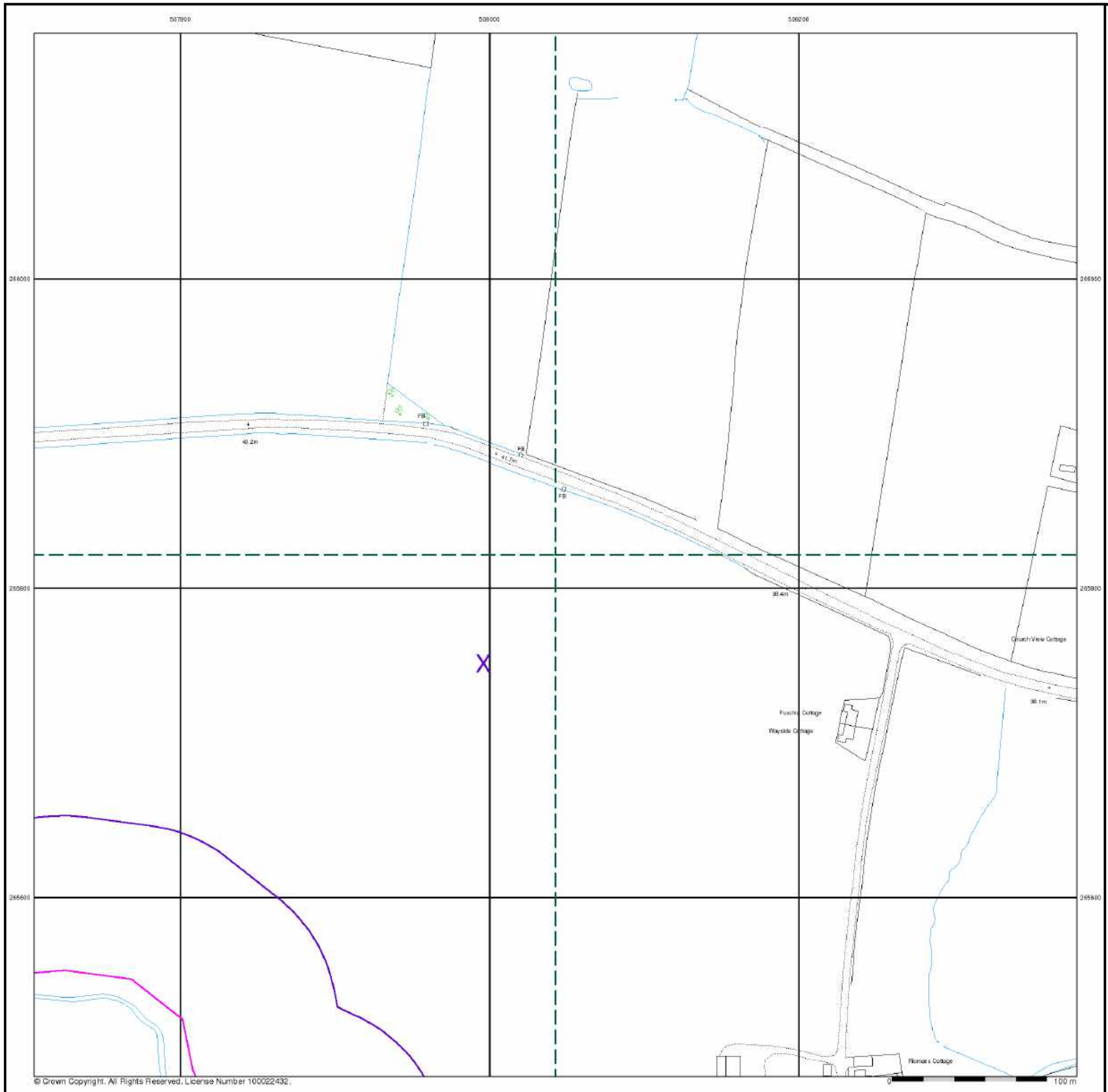


Order Details:

Order Number:	299346790_1_1
Customer Reference:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details:

Area A



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LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

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

Hazardous Substances

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

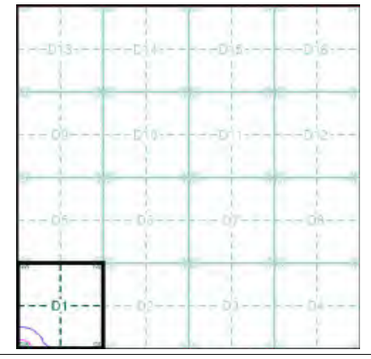
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment D1



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Plot Buffer (m):	100

Site Details

Area A

Landmark INFORMATION GROUP

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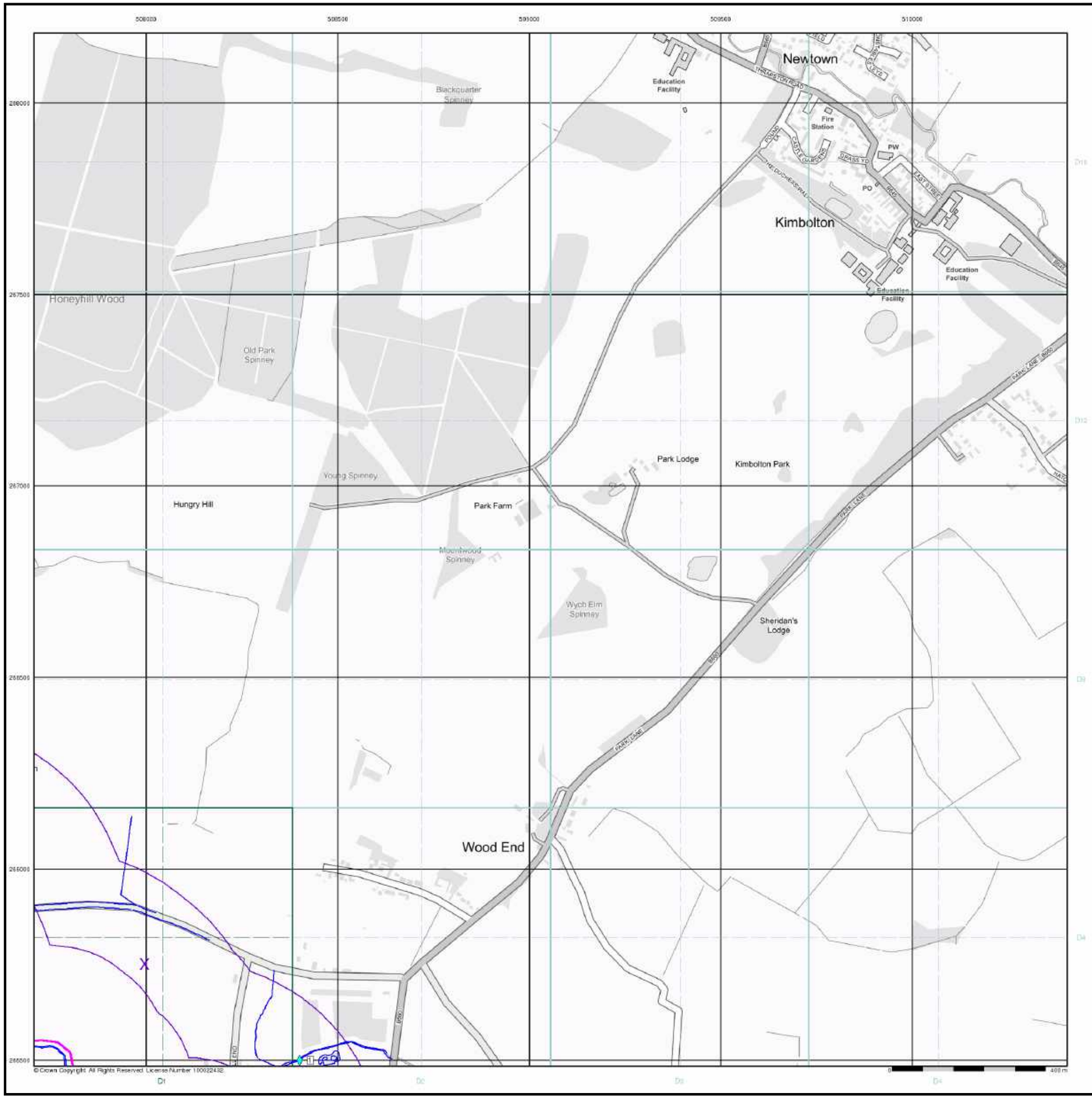

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LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
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- Prosecution Relating to Authorised Processes
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Hazardous Substances

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- Planning Hazardous Substance Consent
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Geological

- BGS Recorded Mineral Site

Waste

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- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice D

Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
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Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

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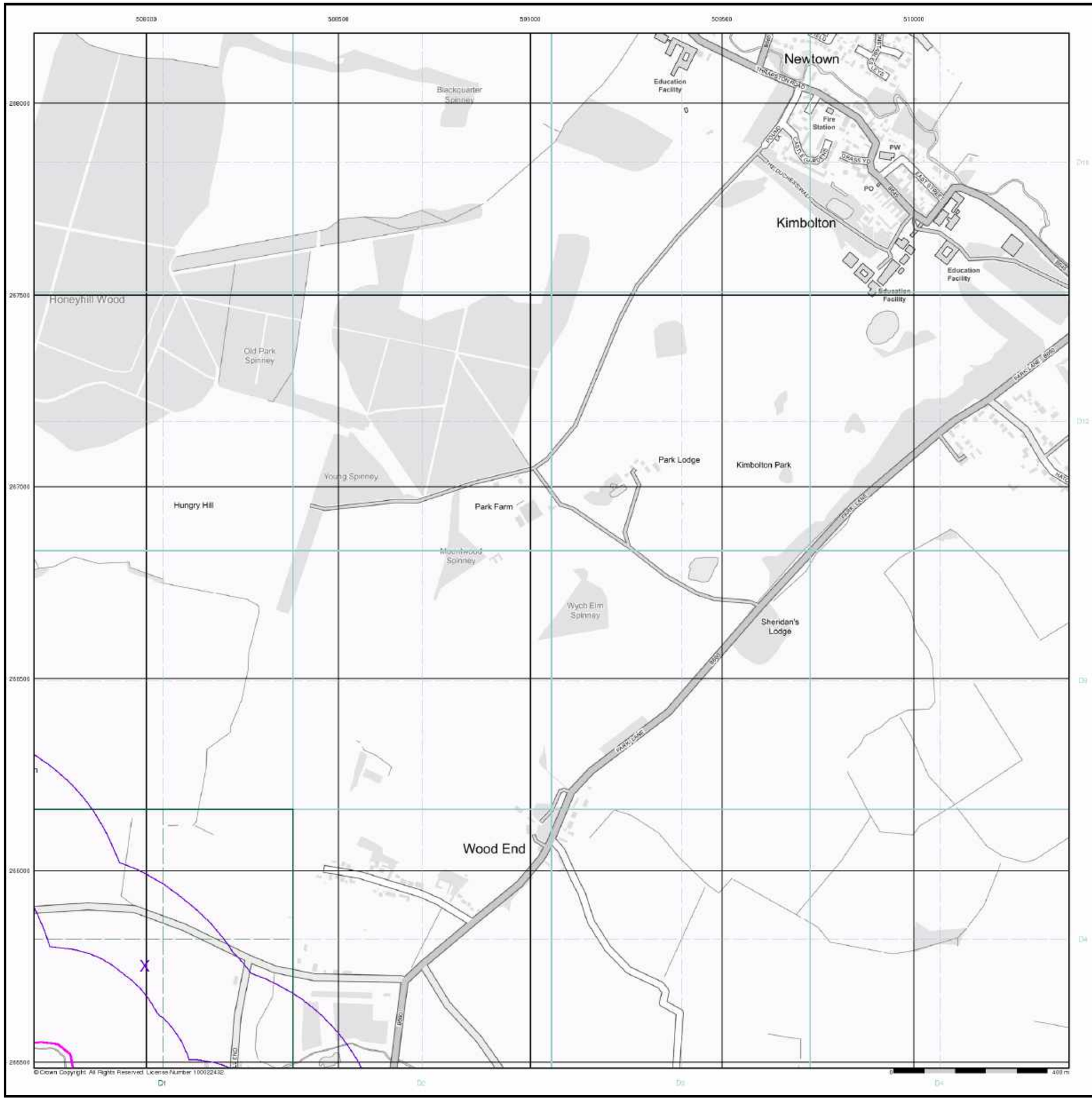

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Industrial Land Use Map

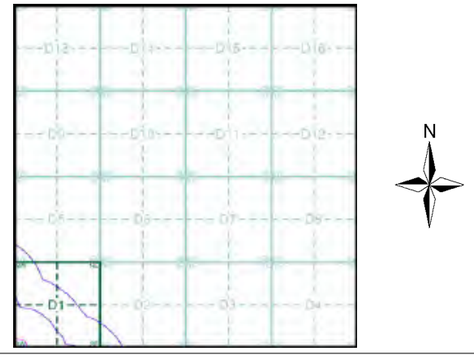
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice D



Order Details

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National Grid Reference:	508000, 265750
Slice:	D
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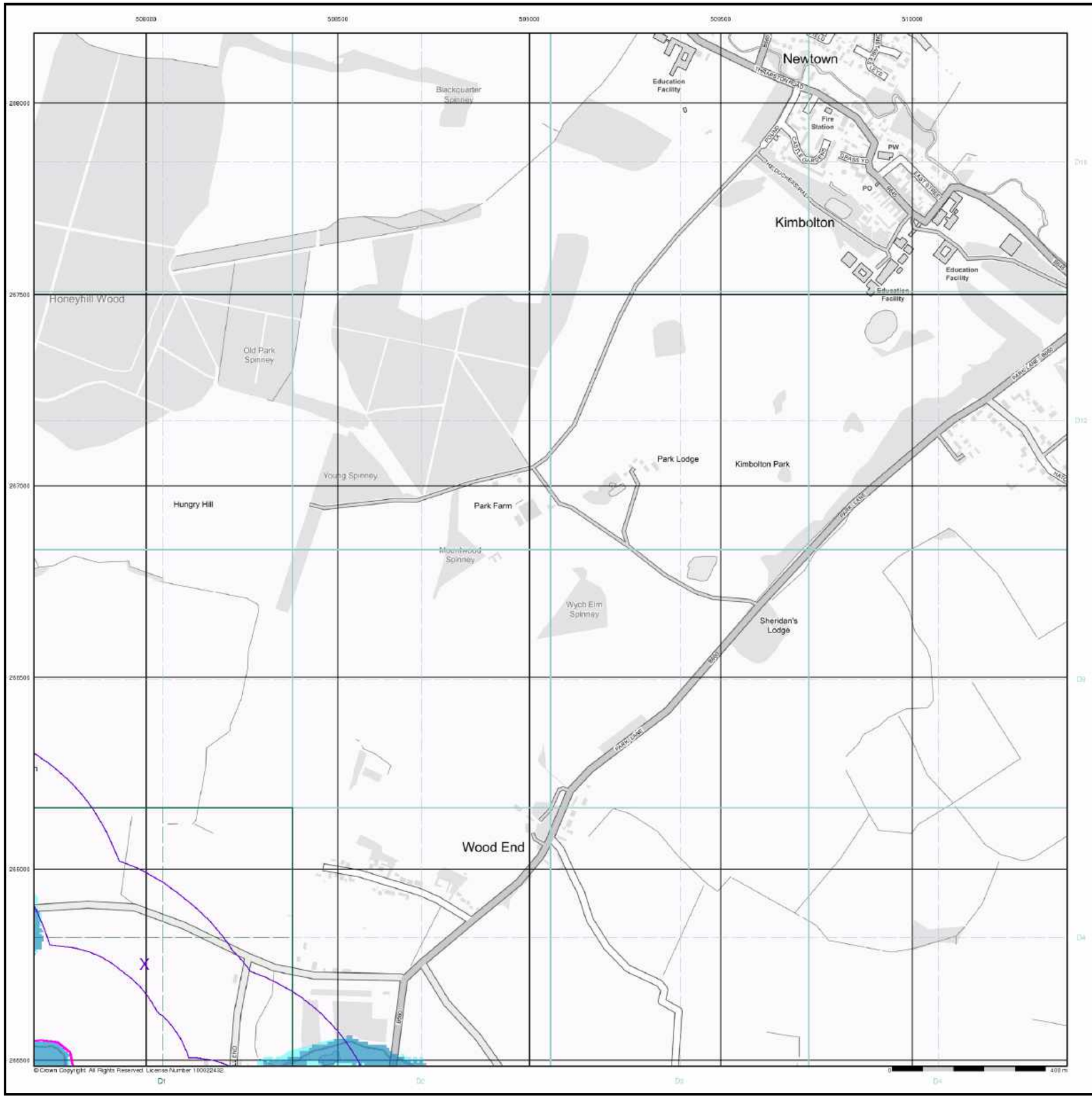
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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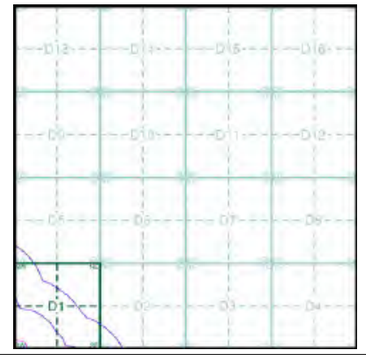
General

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

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice D



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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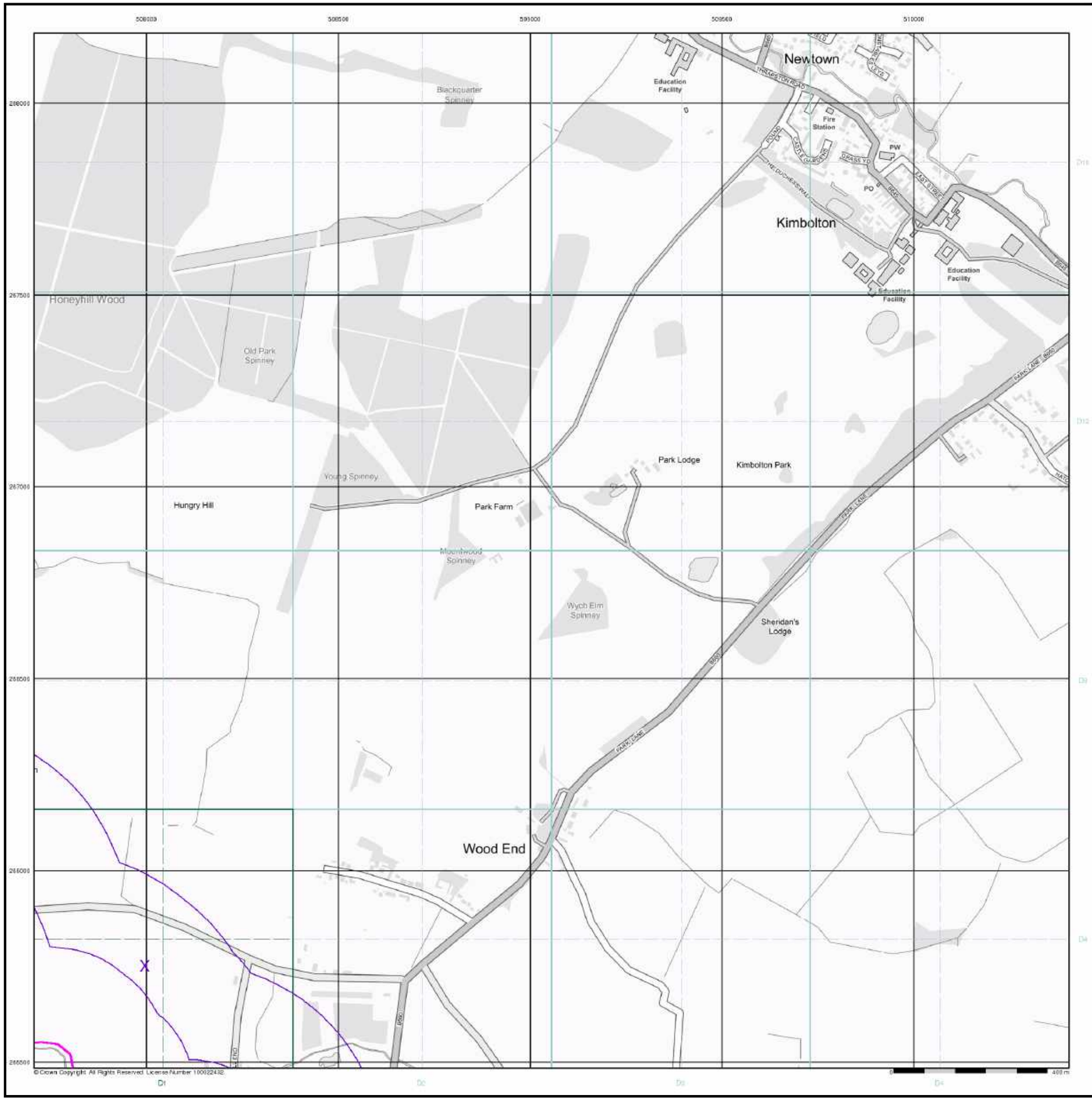
Web: www.envirocheck.co.uk



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General

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

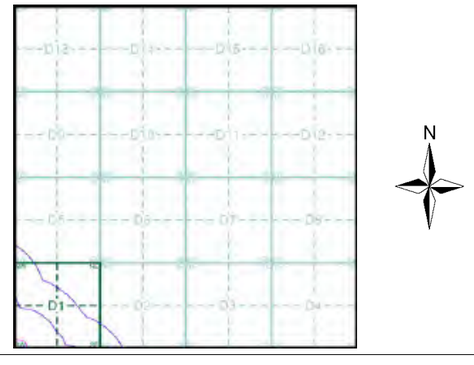
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice D



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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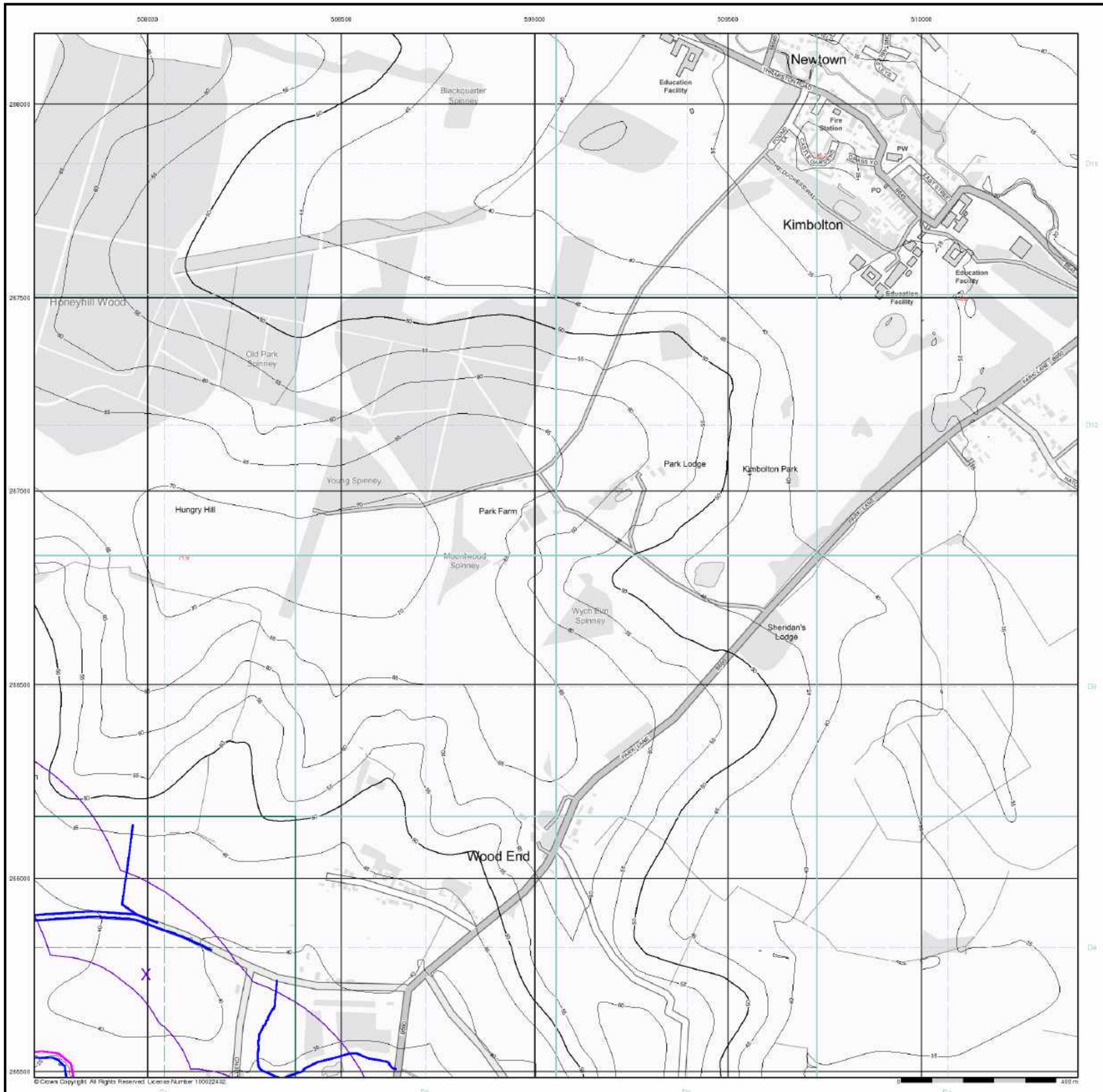

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General

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

OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

Contours (height in meters)

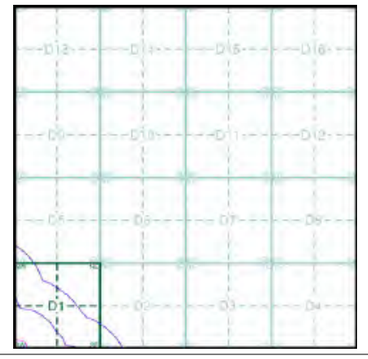
Standard Contour 105 100 95

Master Contour

Spot Height 167.3

- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice D



Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
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Slice:	D
Site Area (Ha):	255.74
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Site Details

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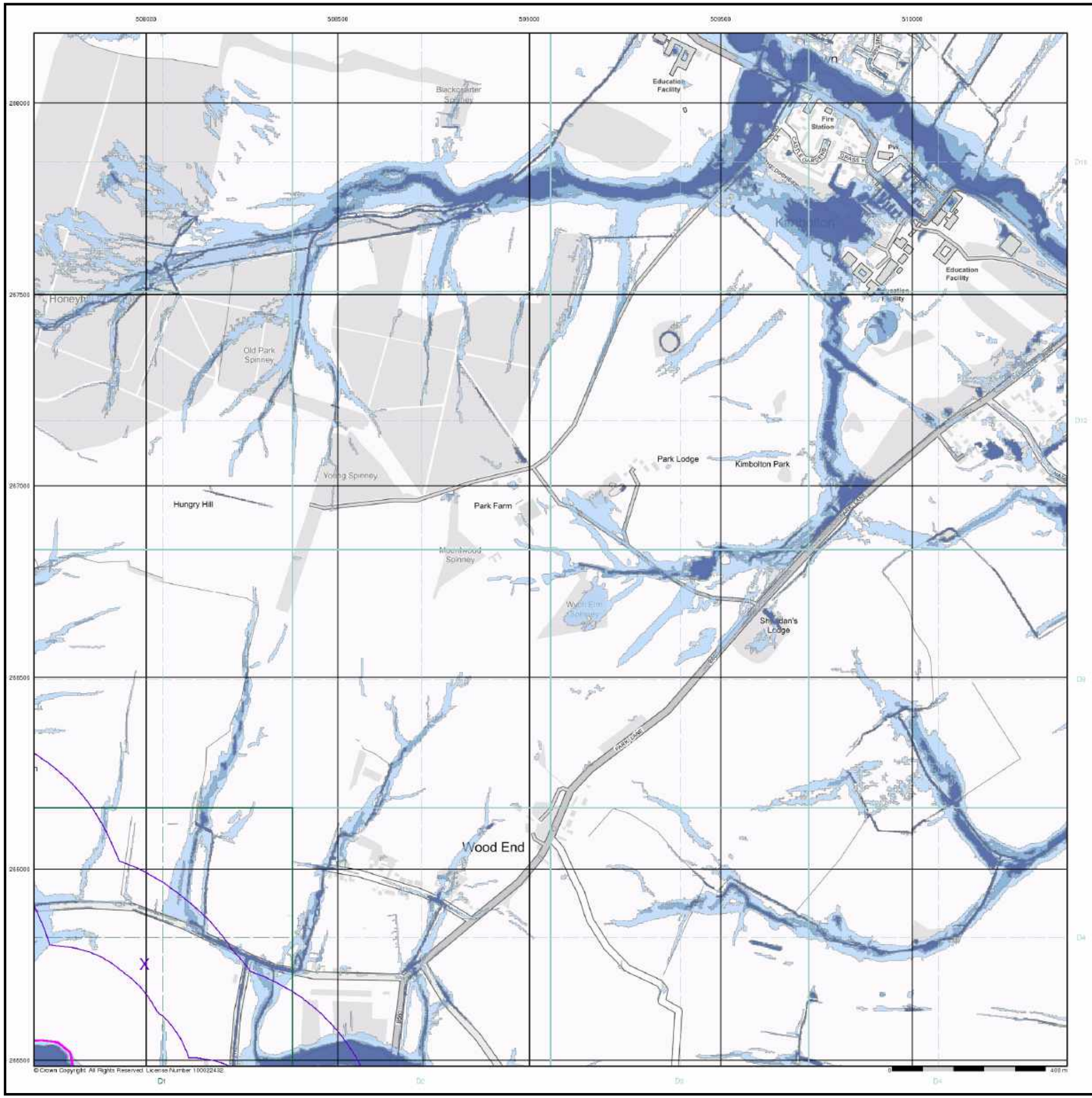

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General

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

Risk of Flooding from Surface Water

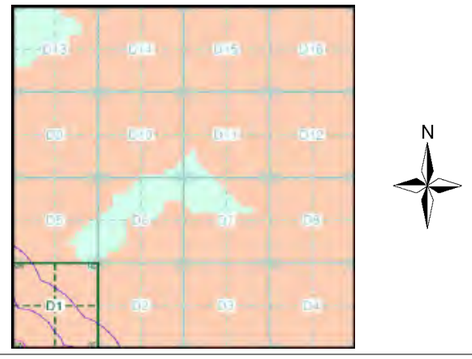
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice D



Order Details

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Site Details

Area A

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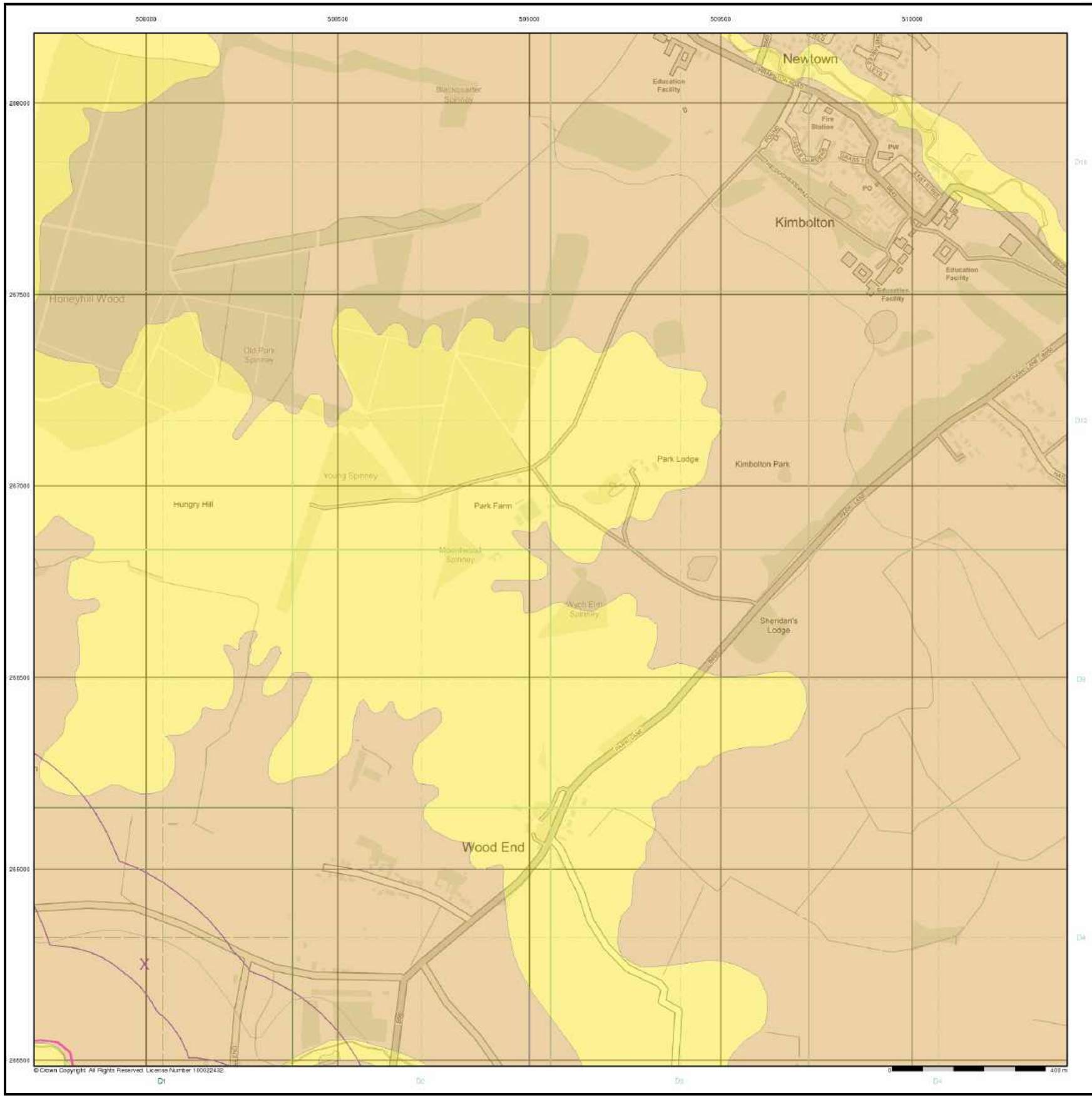

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General

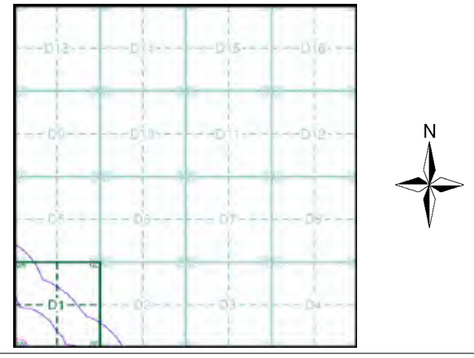
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 80 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice D



Order Details

Order Details:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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General

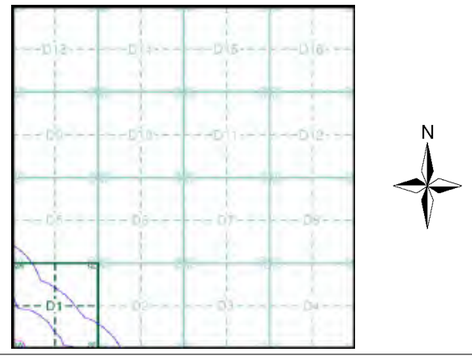
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice D



Order Details

Order Details:	299346790_1_1
Customer Ref:	R3035
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Site Area (Ha):	255.74
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Site Details

Area A

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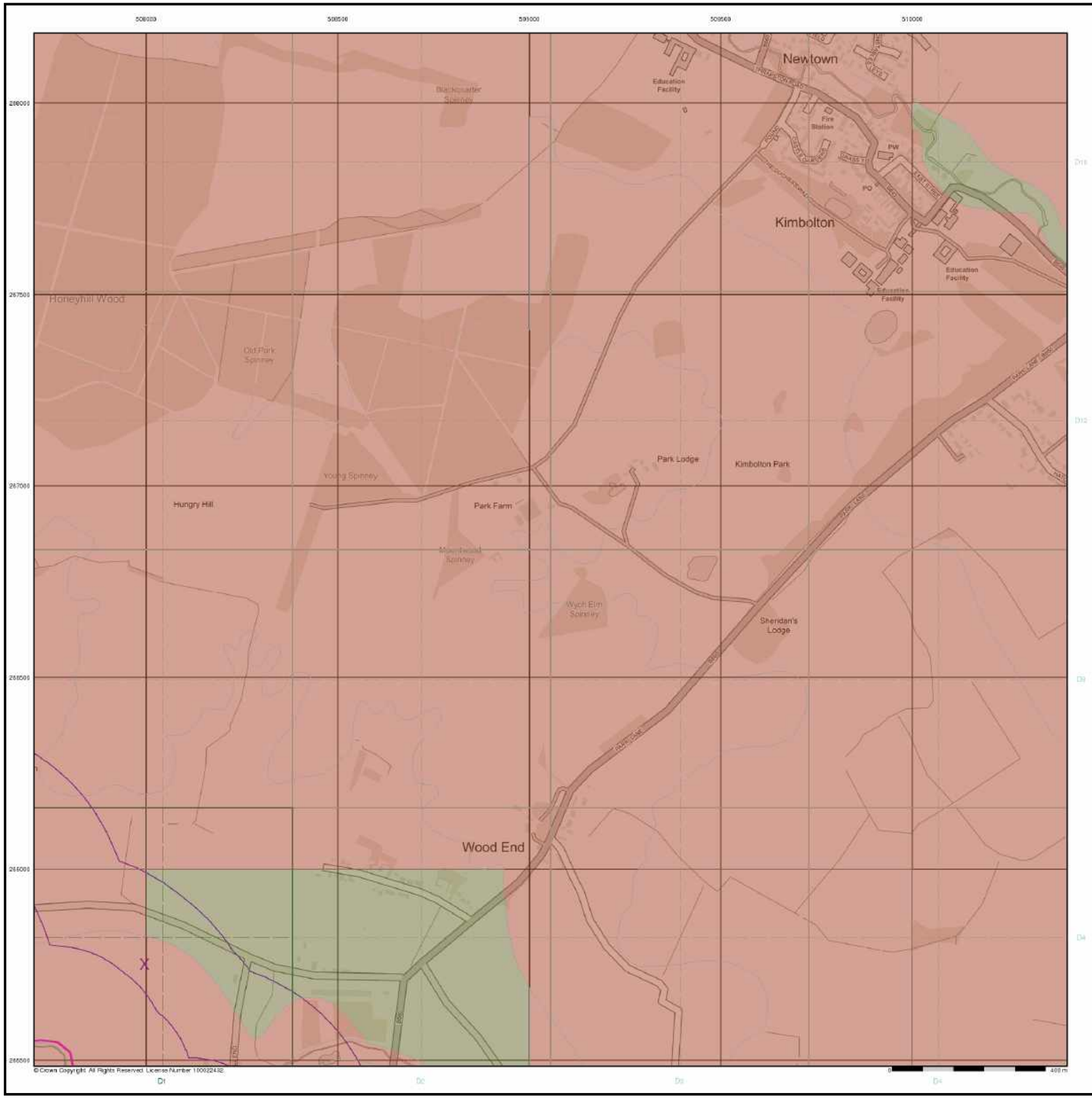

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General

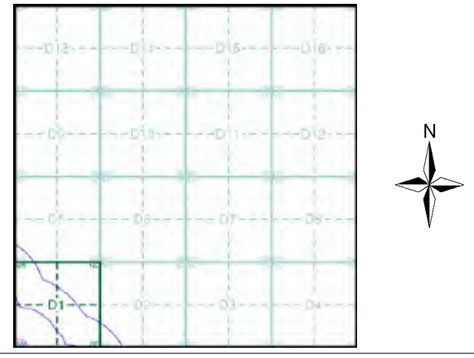
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice D



Order Details

Order Details:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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General

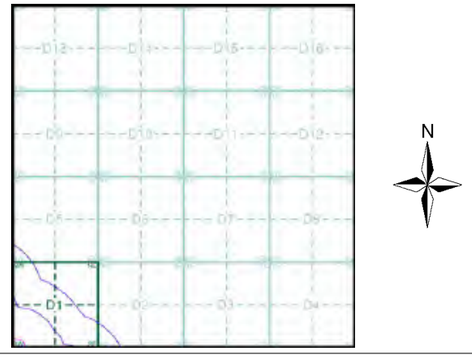
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice D



Order Details

Order Details:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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

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General

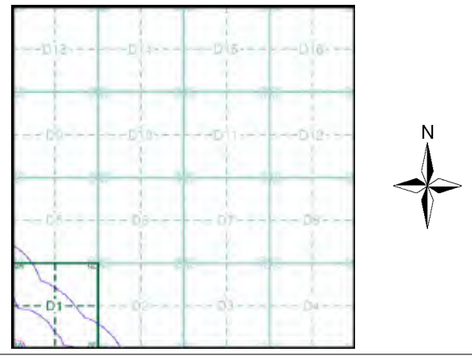
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice D



Order Details

Order Details:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
299346790_1_1

Customer Reference:
R3035

National Grid Reference:
508000, 265750

Slice:
D

Site Area (Ha):
255.74

Search Buffer (m):
500

Site Details:
Area A

Client Details:
[redacted]
Smith Grant Partnership
Bryn Estyn Business Centre (Suite 16)
Bryn Estyn Road
Wrexham
LL13 9TY

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Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	8
Hazardous Substances	-
Geological	9
Industrial Land Use	-
Sensitive Land Use	11
Data Currency	12
Data Suppliers	18
Useful Contacts	19

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

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes
Contaminated Land Register Entries and Notices				
Discharge Consents				
Prosecutions Relating to Controlled Waters			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 2	Yes		
Pollution Incidents to Controlled Waters				
Prosecutions Relating to Authorised Processes				
Registered Radioactive Substances				
River Quality				
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register				
Water Abstractions	pg 2			1
Water Industry Act Referrals				
Groundwater Vulnerability Map	pg 2	Yes	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a
Bedrock Aquifer Designations	pg 5	Yes	n/a	n/a
Superficial Aquifer Designations	pg 5	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences	pg 6	Yes	Yes	n/a
Flooding from Rivers or Sea without Defences	pg 6	Yes		n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
OS Water Network Lines	pg 6	1	2	8

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
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)				
Local Authority Landfill Coverage	pg 8	2	n/a	n/a
Local Authority Recorded Landfill Sites				
Potentially Infilled Land (Non-Water)				
Potentially Infilled Land (Water)				
Registered Landfill Sites				
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
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				

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Geological				
BGS 1:625,000 Solid Geology	pg 9	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 9	Yes	Yes	Yes
BGS Recorded Mineral Sites				
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
CBSCB Compensation District			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 10	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 10	Yes		n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 10	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 10	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 10	Yes		n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a
Industrial Land Use				
Contemporary Trade Directory Entries				
Fuel Station Entries				
Points of Interest - Commercial Services				
Points of Interest - Education and Health				
Points of Interest - Manufacturing and Production				
Points of Interest - Public Infrastructure				
Points of Interest - Recreational and Environmental				
Gas Pipelines				
Underground Electrical Cables				

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Sensitive Land Use				
Ancient Woodland				
Areas of Adopted Green Belt				
Areas of Unadopted Green Belt				
Areas of Outstanding Natural Beauty				
Environmentally Sensitive Areas				
Forest Parks				
Local Nature Reserves				
Marine Nature Reserves				
National Nature Reserves				
National Parks				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones	pg 11	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	(SW)	0	1	507450 264800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	507500 264800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	507050 265200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	507150 265200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	507100 265250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	507050 265150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	507150 265150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D1SW (S)	0	1	507996 265550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	507650 265751
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	1	508500 265000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	507200 265100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	507200 265000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	507100 265000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	507300 265850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	507450 265751
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	507100 265200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1SW (S)	48	1	507996 265750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	82	1	508250 265350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	114	1	508350 265400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	122	1	508150 265000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D1SW (W)	148	1	507996 265751
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	169	1	508150 264950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	208	1	508300 265450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	329	1	509050 264850
	Nearest Surface Water Feature	D1SW (SW)	0	-	507784 265517
1	**Water Abstractions** Operator: R L Banks & Son Licence Number: 6/33/21/*s/011 Permit Version: Not Supplied Location: Pertenhall Brook Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 2 Yearly Rate (m3): 318180 Details: Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	D2SW (SE)	375	2	508400 265500
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SW)	0	3	507594 265119
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SW)	0	3	507146 265165
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	D1SW (W)	0	3	507996 265751

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(SW)	0	3	507623 265000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(SW)	0	3	507456 264792
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(SW)	0	3	507191 265000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	(S)	0	3	508169 265000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(S)	0	3	507996 265000
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	(SW)	0	3	507242 265000
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive 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: <3m Superficial Recharge: High	(S)	0	3	508000 265000
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(W)	0	3	507643 265839

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(W)	0	3	507143 265887
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	507986 265398
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SW)	0	3	507024 265029
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	508000 265397
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	(S)	0	3	507996 265000
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	D1SW (W)	0	3	507996 265751
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(SW)	0	3	507623 265000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(SW)	0	3	507594 265119
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SW)	0	3	507456 264792
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SW)	0	3	507191 265000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SW)	0	3	507146 265165
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	D1SW (W)	0	3	507996 265751
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(S)	0	3	508169 265000
	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	D1SW (W)	0	2	507730 265810
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	(S)	88	2	507999 265424
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	(S)	165	2	508120 265428
	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	D1SW (W)	0	2	507730 265810
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
2	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 373.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	D1SW (SW)	0	4	507784 265516
3	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 281.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	D1NW (N)	218	4	507959 265894
4	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 295.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	D1NW (N)	222	4	507971 265905

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 307.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	D1SE (SE)	306	4	508298 265617
6	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 319.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pertenhall Brook Catchment Name: Cam Ely Ouse and South Level Primacy: 1	(SE)	323	4	508347 265480
7	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	D1NW (N)	396	4	507965 265893
8	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 215.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 2	D1NW (N)	398	4	508037 265868
9	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	D1NW (N)	412	4	507975 265904
10	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 252.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	D1NW (N)	412	4	507971 265905
11	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	D1NW (N)	413	4	507979 265903
12	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	D1NW (N)	414	4	508023 265886

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Bedford Borough Council - Has supplied landfill data		0	5	507996 265751
	Local Authority Landfill Coverage Name: Bedfordshire County Council - Has no landfill data to supply		0	6	507996 265751

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Kellaways Formation And Oxford Clay Formation (Undifferentiated)	D1SW (W)	0	1	507996 265751
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	D1SW (W)	0	1	507996 265751
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	D1NW (N)	0	1	507996 266000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	(W)	0	1	507688 265771
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	(SE)	68	1	508305 265422
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	D1NW (N)	200	1	508000 265824
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	D1SW (N)	343	1	508015 265820

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SW (W)	0	1	507996 265751
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	507986 265398
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(W)	0	1	507693 265764
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1SW (W)	0	1	507996 265751
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	507986 265398
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(W)	0	1	507693 265764
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1SW (W)	0	1	507996 265751
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SW (W)	0	1	507996 265751
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1SW (NE)	0	1	508030 265816
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SW (W)	0	1	507996 265751
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	507770 265472
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(W)	0	1	507693 265764
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SE)	86	1	508326 265432
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D1SW (W)	0	1	507996 265751
	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	D1SW (W)	0	1	507996 265751
	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	D1SW (W)	0	1	507996 265751

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	**Nitrate Vulnerable Zones** Name: Huntingdon River Gravels Description: Groundwater Source: Environment Agency, Head Office	D1SW (W)	0	3	507996 265751
14	**Nitrate Vulnerable Zones** Name: Great Ouse Nvz Description: Surface Water Source: Environment Agency, Head Office	(S)	0	3	507807 265129

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Bedford Borough Council - Environmental Health Department	December 2014	Annual Rolling Update
Environment Agency - Head Office	June 2020	Annually
Huntingdonshire District Council - Environmental Health Services	October 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2022	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Huntingdonshire District Council - Environmental Health Services	December 2014	Variable
Bedford Borough Council - Environmental Health Department	March 2015	Variable
Local Authority Pollution Prevention and Controls		
Huntingdonshire District Council - Environmental Health Services	December 2014	Annual Rolling Update
Bedford Borough Council - Environmental Health Department	March 2015	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Huntingdonshire District Council - Environmental Health Services	December 2014	Variable
Bedford Borough Council - Environmental Health Department	March 2015	Variable
Nearest Surface Water Feature		
Ordnance Survey	June 2022	
Pollution Incidents to Controlled Waters		
Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2016	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Central Area	April 2022	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	July 2022	Quarterly
Water Industry Act Referrals		
Environment Agency - Anglian Region	October 2017	
Groundwater Vulnerability Map		
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	July 2022	Bi-Annually

Data Currency

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

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Central Area	April 2022	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Central Area	April 2022	Quarterly
Local Authority Landfill Coverage		
Bedford Borough Council - Environmental Health Department	February 2003	Not Applicable
Bedfordshire County Council (now part of Central Bedfordshire Council)	February 2003	Not Applicable
Cambridgeshire County Council	February 2003	Not Applicable
Huntingdonshire District Council - Environmental Health Services	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Bedford Borough Council - Environmental Health Department	October 2018	
Bedfordshire County Council (now part of Central Bedfordshire Council)	October 2018	
Cambridgeshire County Council	October 2018	
Huntingdonshire District Council - Environmental Health Services	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - Anglian Region - Central Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Central Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Central Area	June 2015	
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Bedford Borough Council	February 2016	Variable
Cambridgeshire County Council	February 2016	Variable
Huntingdonshire District Council	February 2016	Variable
Bedfordshire County Council (now part of Central Bedfordshire Council)	July 2008	Annual Rolling Update
Planning Hazardous Substance Consents		
Bedford Borough Council	February 2016	Variable
Cambridgeshire County Council	February 2016	Variable
Huntingdonshire District Council	February 2016	Variable
Bedfordshire County Council (now part of Central Bedfordshire Council)	July 2008	Annual Rolling Update

Data Currency

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Data Currency

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2022	Quarterly
Points of Interest - Education and Health PointX	June 2022	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2022	Quarterly
Points of Interest - Public Infrastructure PointX	June 2022	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2022	Quarterly
Underground Electrical Cables National Grid	May 2021	Bi-Annually

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt		
Bedford Borough Council	October 2020	Quarterly
Huntingdonshire District Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
Bedford Borough Council	October 2020	Quarterly
Huntingdonshire District Council	October 2020	Quarterly
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	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	June 2017	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

Data Suppliers

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	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Useful Contacts

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	**Bedford Borough Council - Environmental Health Department** Town Hall, St Pauls Street, Bedford, Bedfordshire, MK40 1SJ	Telephone: 01234 267422 Fax: 01234 325671 Email: enquiries@bedford.gov.uk Website: www.bedford.gov.uk
6	**Bedfordshire County Council (now part of Central Bedfordshire Council)** Priory House, Monks Walk, Chicksands, Shefford, Bedfordshire, SG17 5TQ	Telephone: 0300 300 8301 Email: www.centralbedfordshire.gov.uk Website: www.centralbedfordshire.gov.uk
7	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Electricity Transmission Line
Pylon
Sloping Masonry
Pole
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m Bench mark (where shown)
Triangulation station
Point feature (e.g. Guide Post or Mile Stone)
Pylon, flare stack or lighting tower
Site of (antiquity)
Glasshouse
General Building
Important Building

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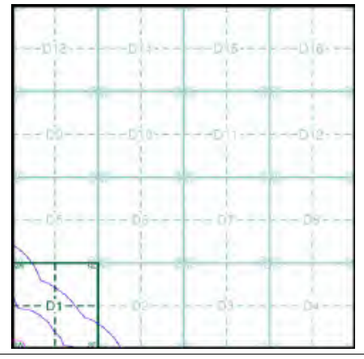
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Bedfordshire	1:10,560	1883	2
Northamptonshire	1:10,560	1885	3
Huntingdonshire	1:10,560	1886	4
Northamptonshire	1:10,560	1901	5
Bedfordshire	1:10,560	1902	6
Huntingdonshire	1:10,560	1902	7
Northamptonshire	1:10,560	1928	8
Huntingdonshire	1:10,560	1952	9
Northamptonshire	1:10,560	1952	10
Ordnance Survey Plan	1:10,000	1958 - 1959	11
Ordnance Survey Plan	1:10,000	1969	12
Ordnance Survey Plan	1:10,000	1970	13
Ordnance Survey Plan	1:10,000	1982 - 1983	14
10K Raster Mapping	1:10,000	1999	15
10K Raster Mapping	1:10,000	2006	16
VectorMap Local	1:10,000	2021	17

Historical Map - Slice D



Order Details

Order Number: 299346790_1_1
Customer Ref: R3035
National Grid Reference: 508000, 265750
Slice: D
Site Area (Ha): 255.74
Search Buffer (m): 500

Site Details

Area A

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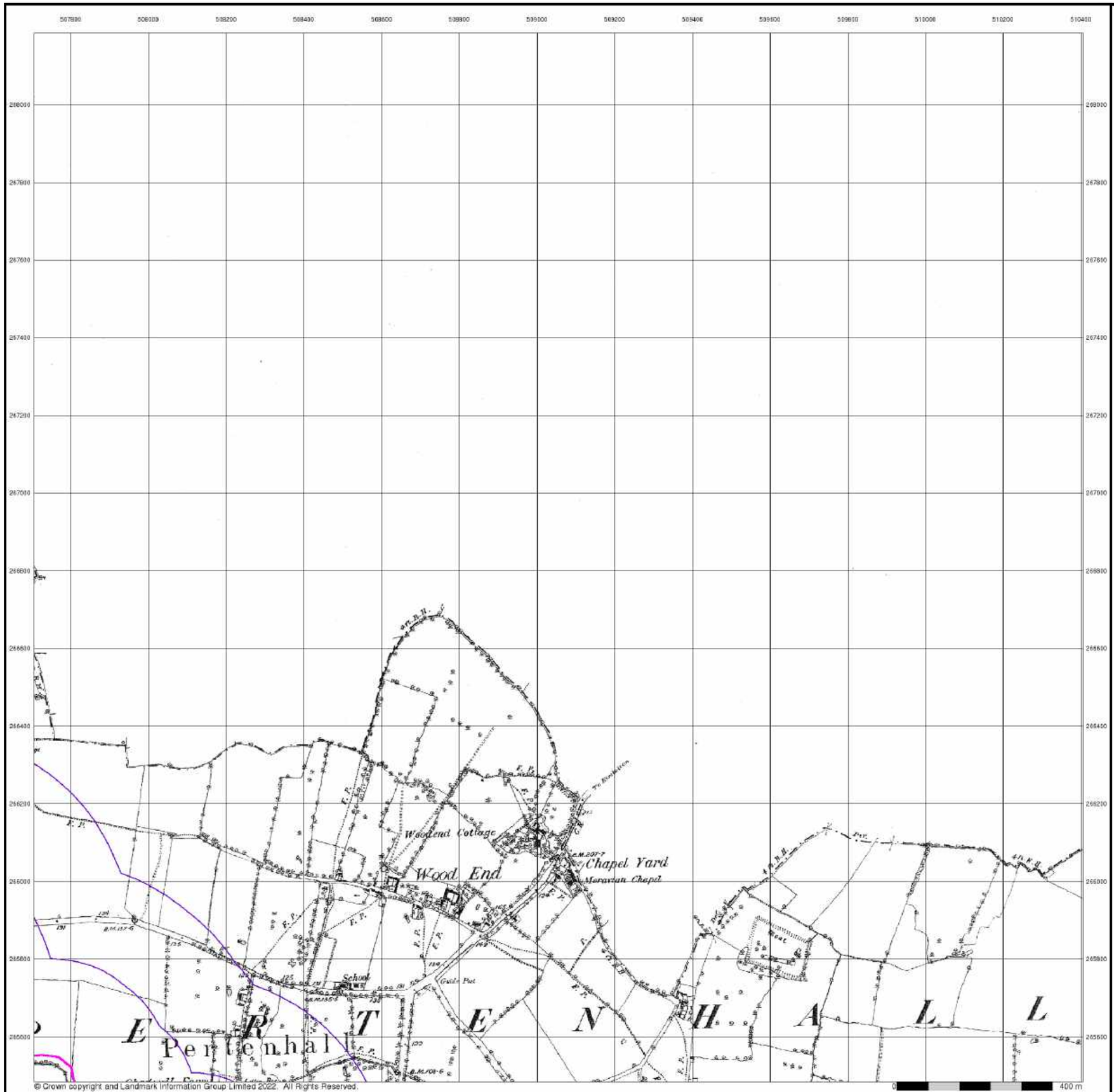
Web: www.envirocheck.co.uk



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Bedfordshire

Published 1883

Source map scale - 1:10,560

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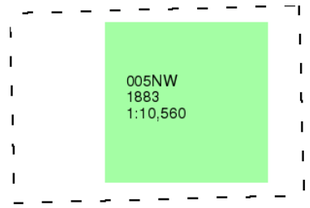
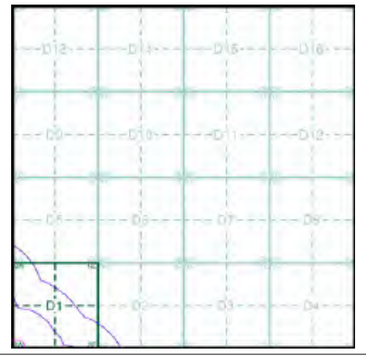


Historical Map - Slice D



Order Details

Order Number:	299346790_1_1
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National Grid Reference:	508000, 265750
Slice:	D
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Site Details

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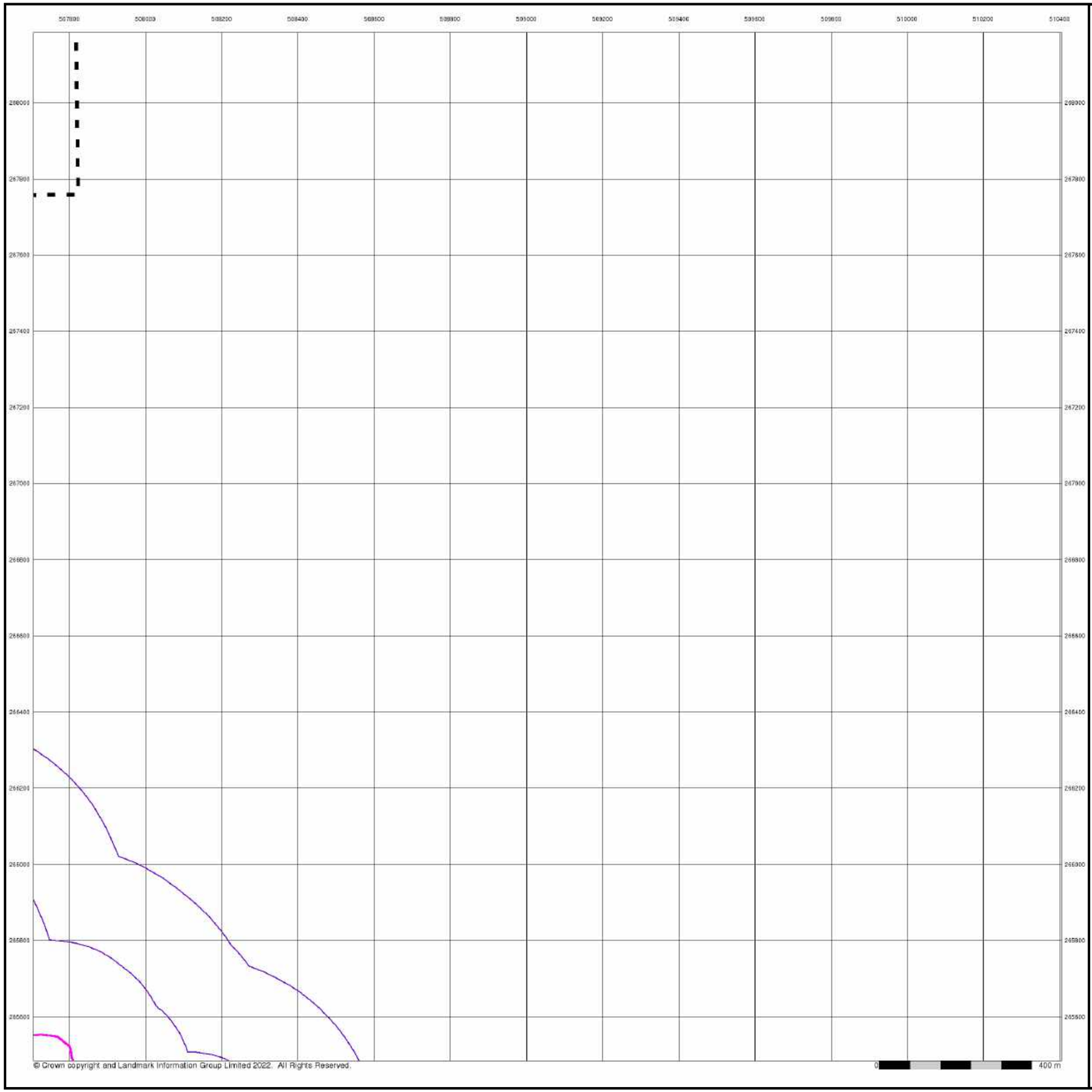

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Northamptonshire

Published 1885

Source map scale - 1:10,560

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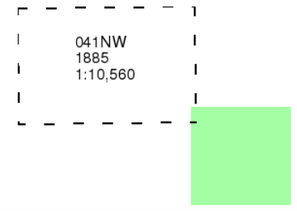
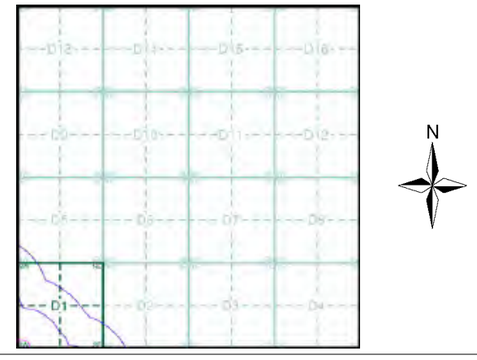


Historical Map - Slice D



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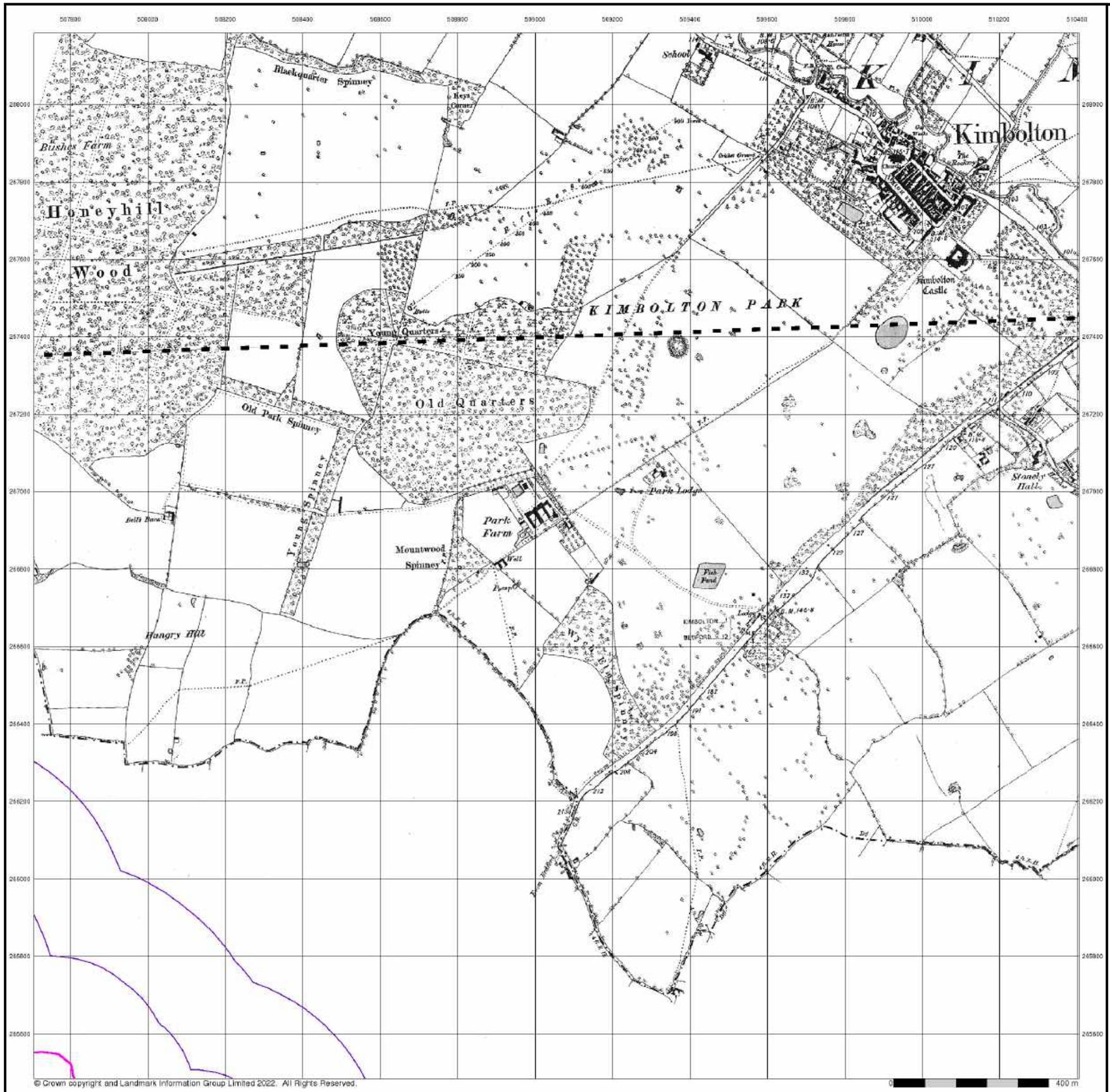

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Huntingdonshire

Published 1886

Source map scale - 1:10,560

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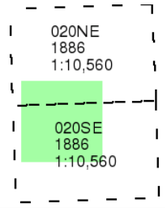
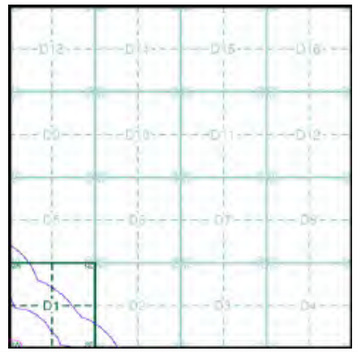


Historical Map - Slice D



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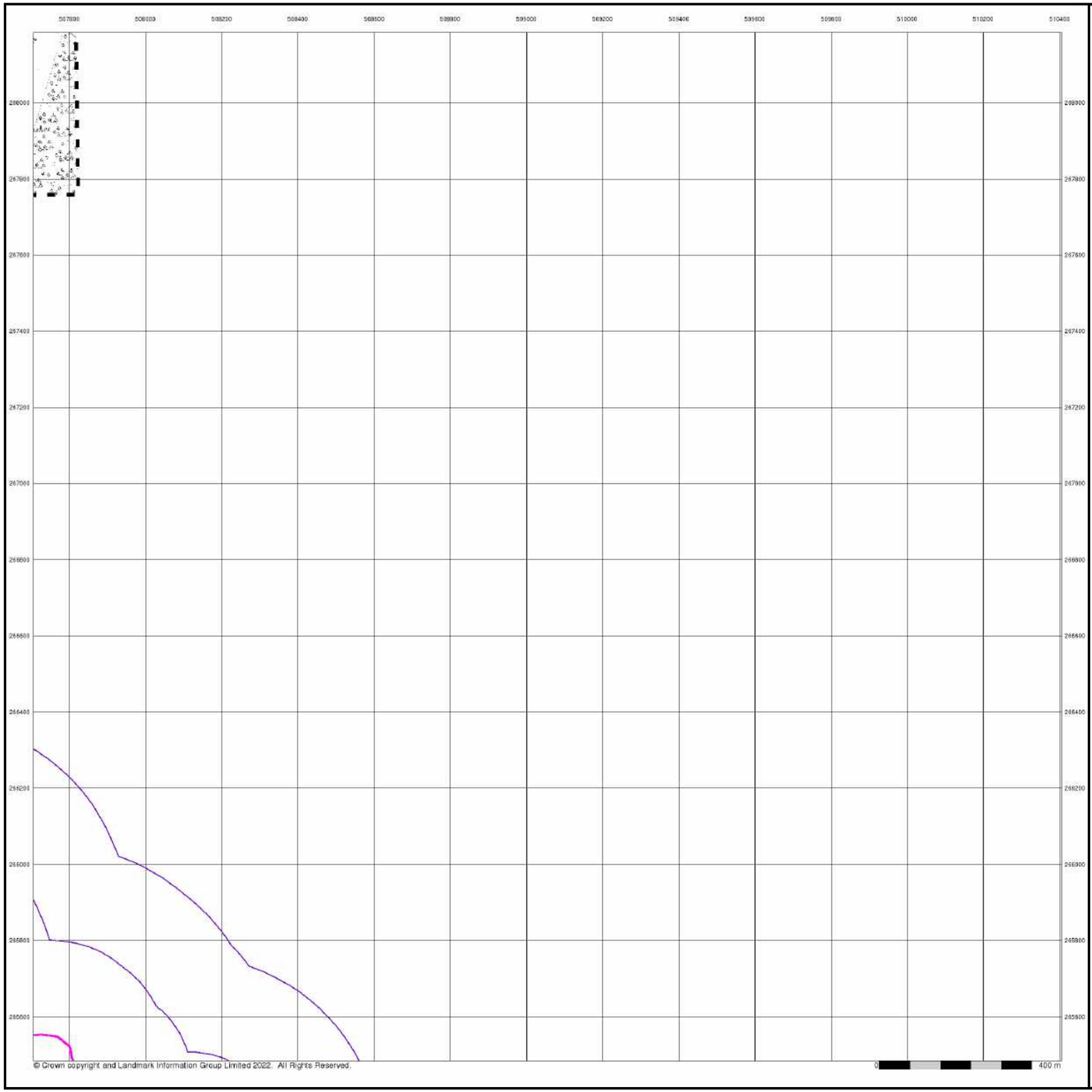

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Northamptonshire

Published 1901

Source map scale - 1:10,560

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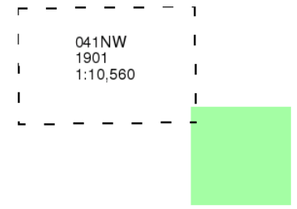

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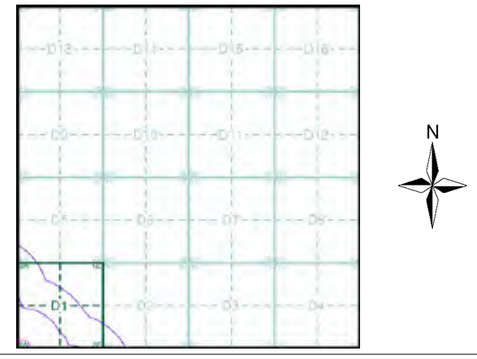

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Site Details

Area A

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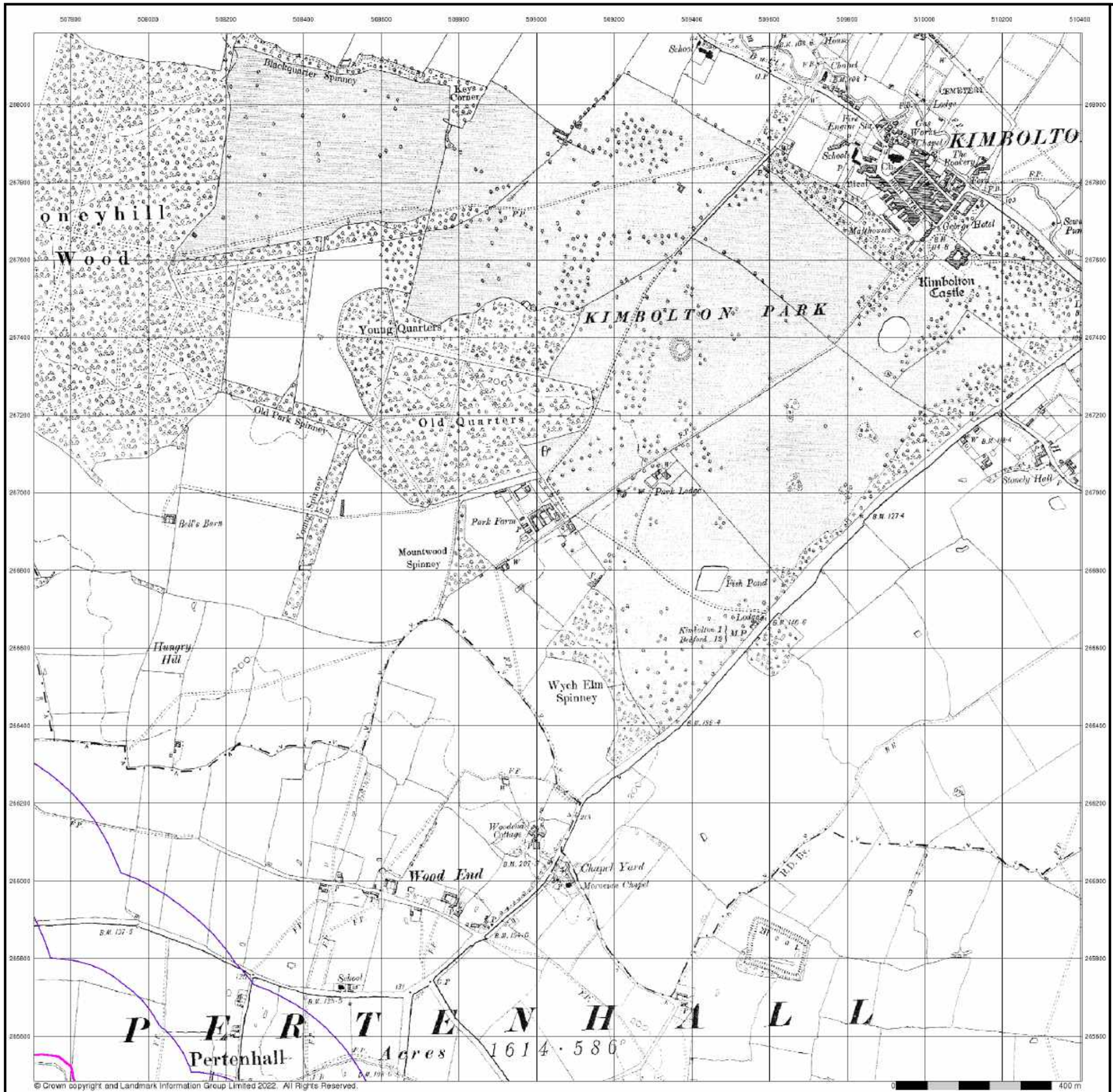

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Bedfordshire

Published 1902

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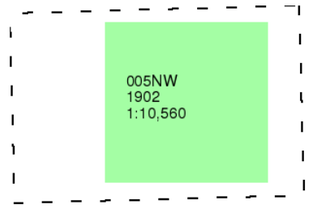


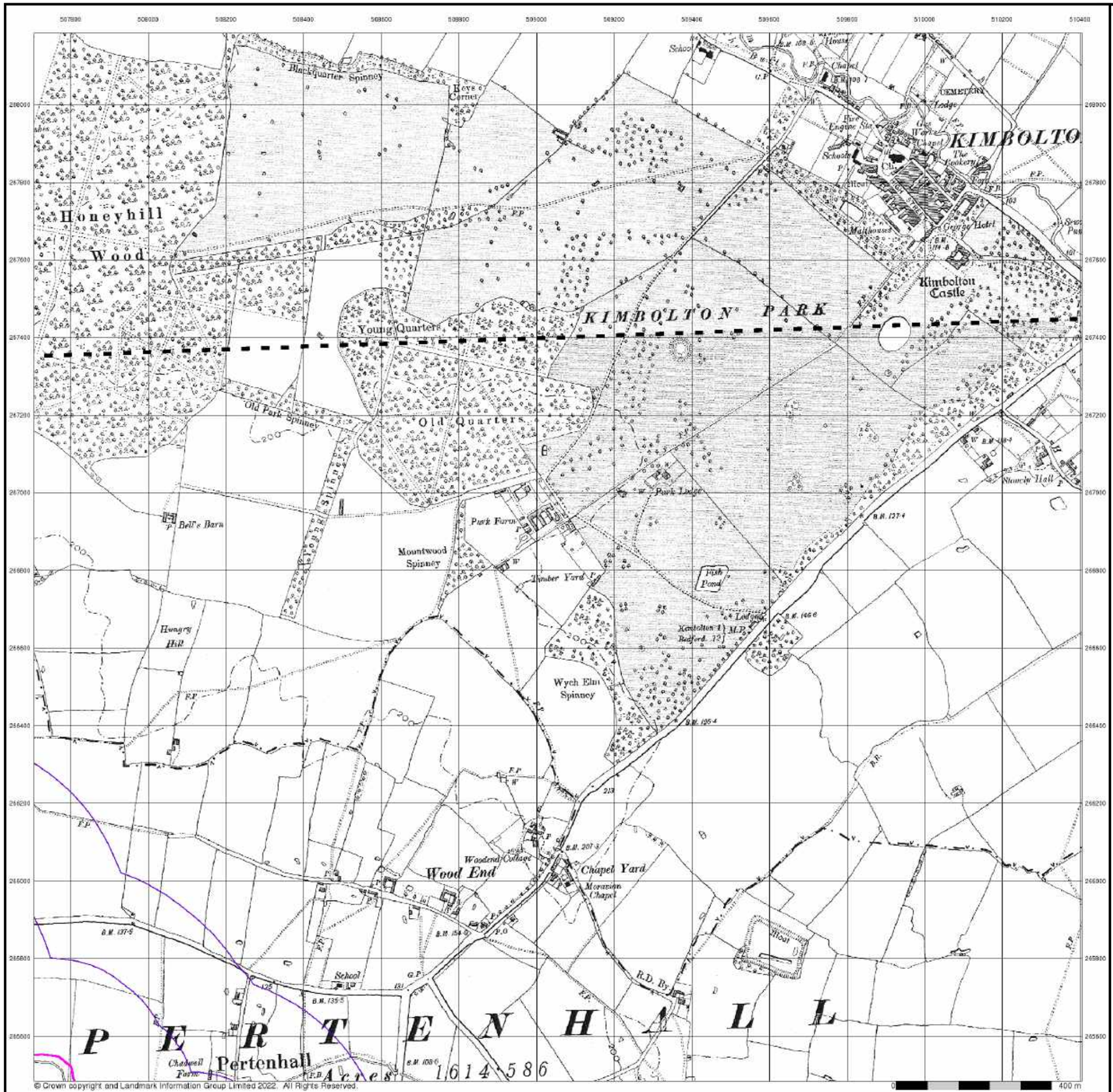
Historical Map - Slice D

Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A



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Huntingdonshire

Published 1902

Source map scale - 1:10,560

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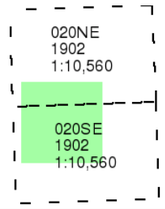

Historical Map - Slice D

Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

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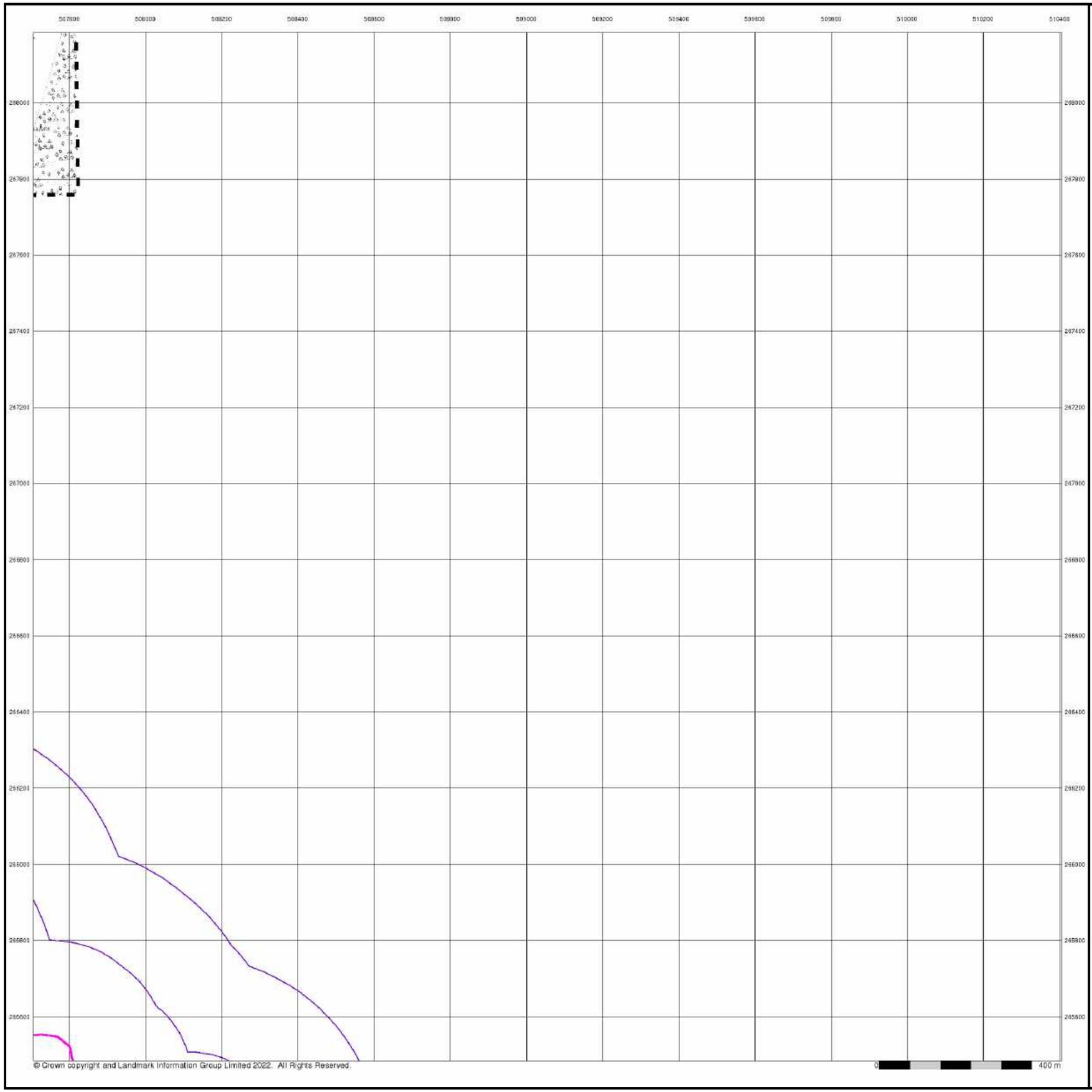
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Northamptonshire

Published 1928

Source map scale - 1:10,560

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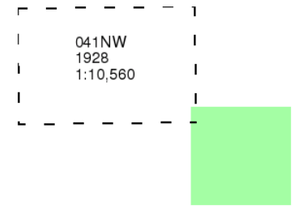
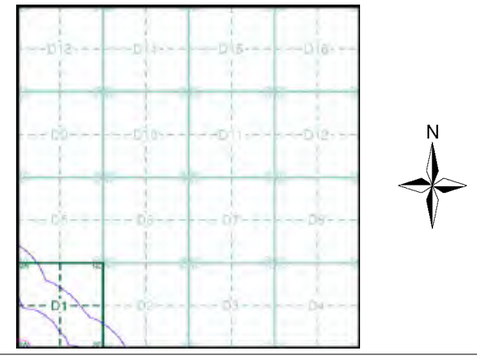


Historical Map - Slice D



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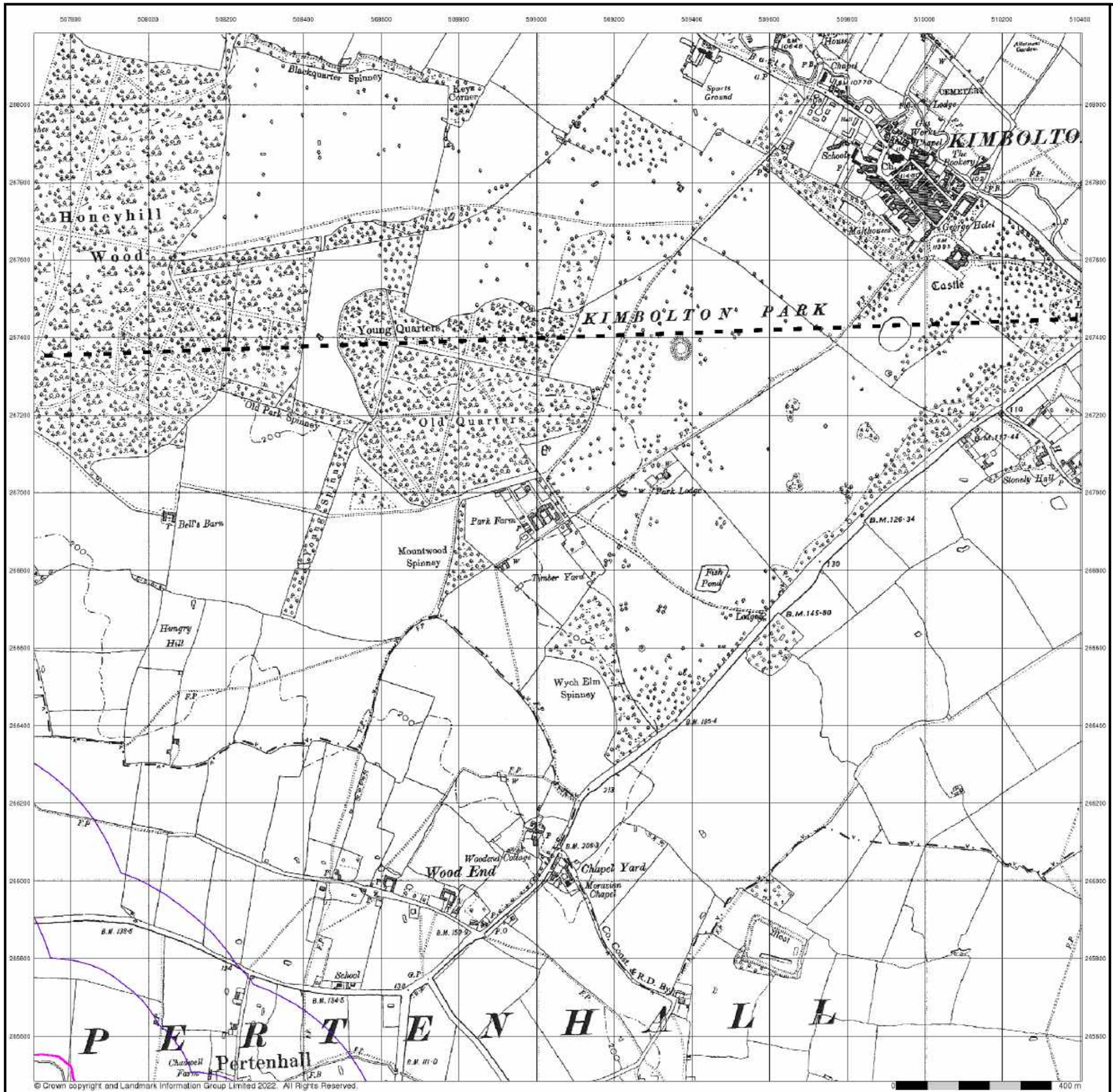

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Published 1952

Source map scale - 1:10,560

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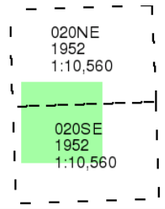

Historical Map - Slice D

Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
Site Area (Ha):	255.74
Search Buffer (m):	500

Site Details

Area A

Landmark INFORMATION GROUP

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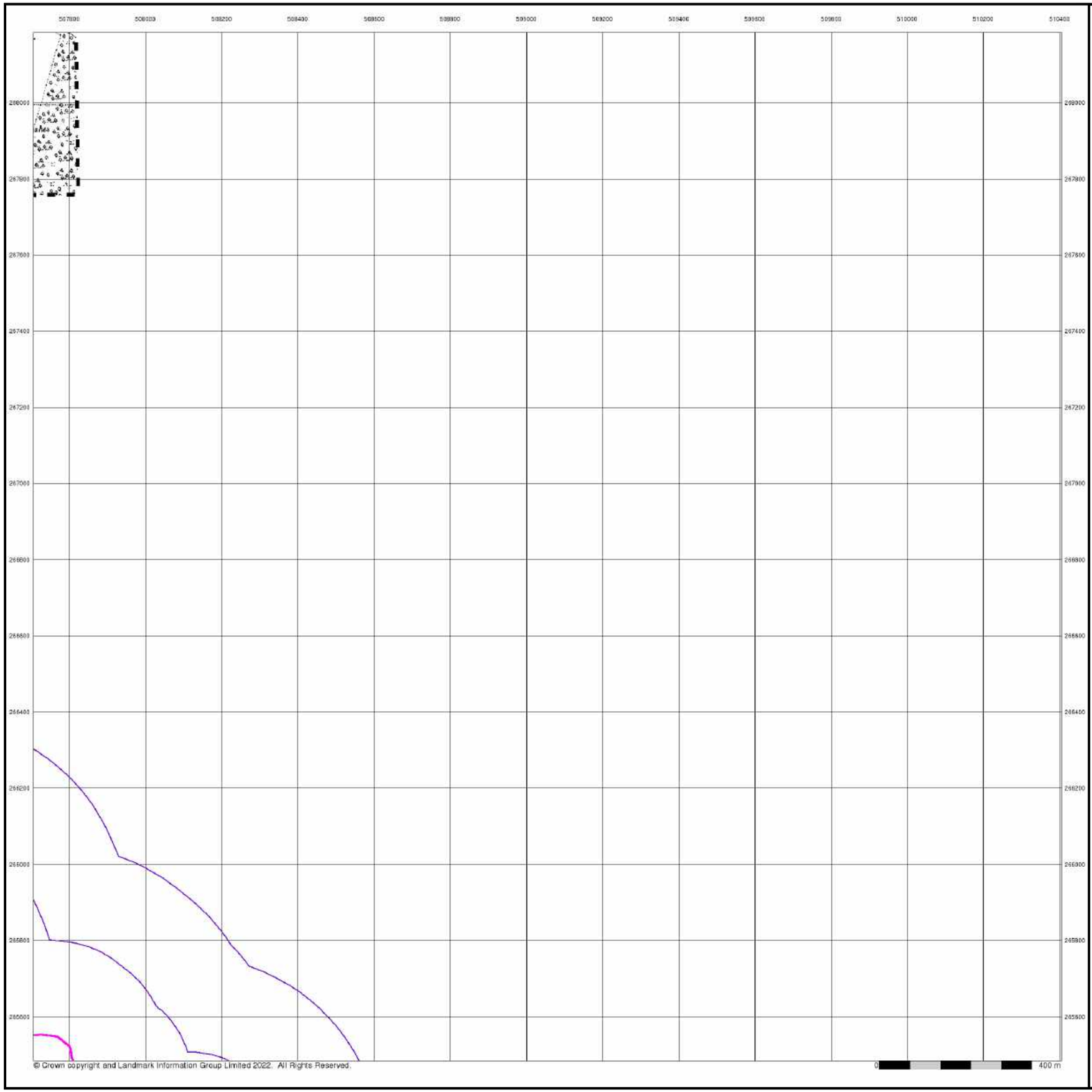
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Northamptonshire

Published 1952

Source map scale - 1:10,560

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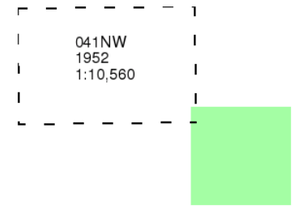
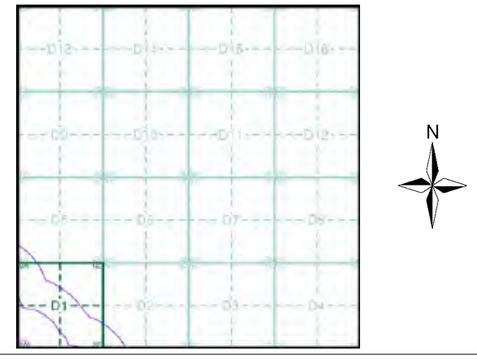


Historical Map - Slice D



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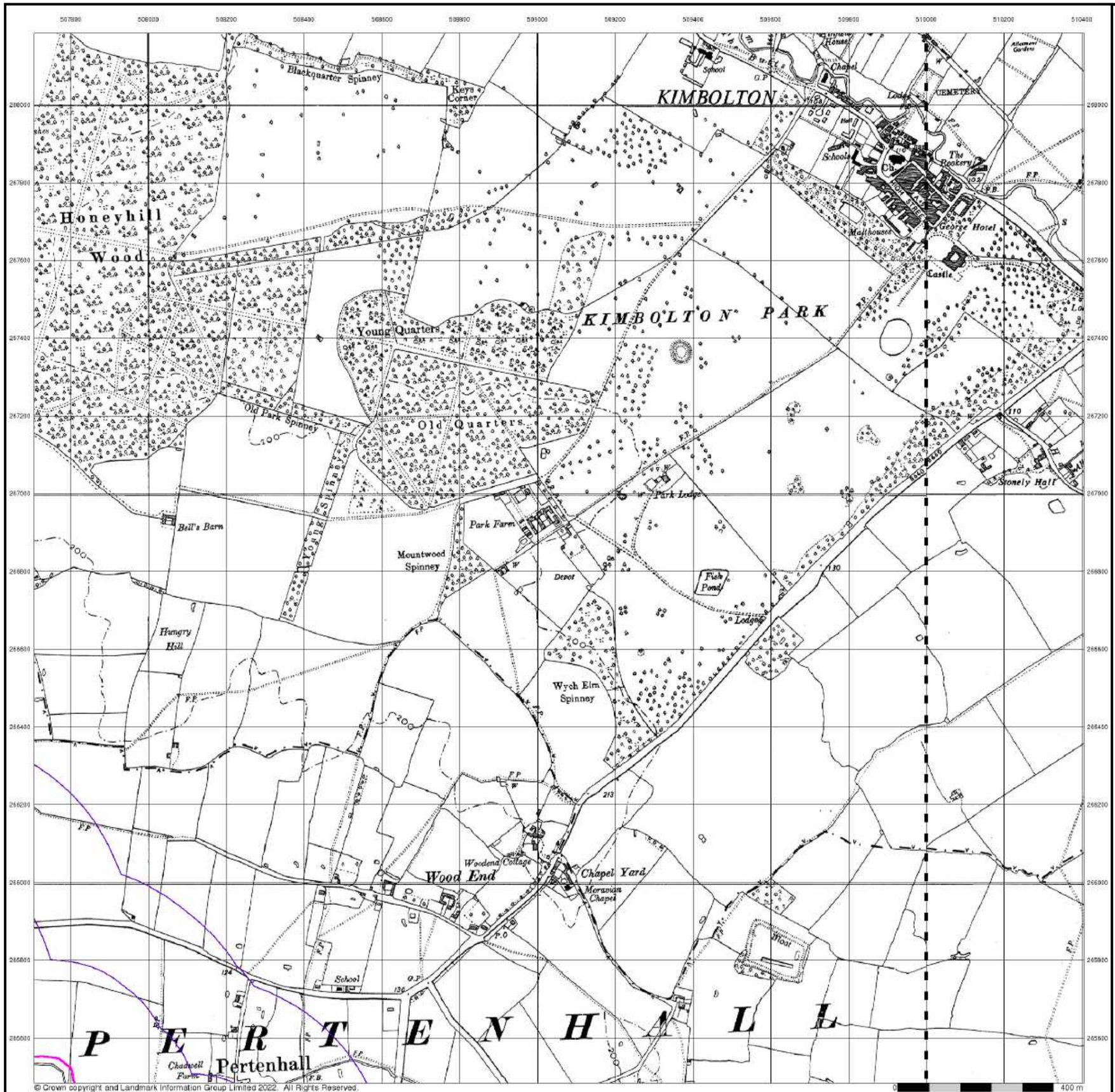

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Ordnance Survey Plan

Published 1958 - 1959

Source map scale - 1:10,000

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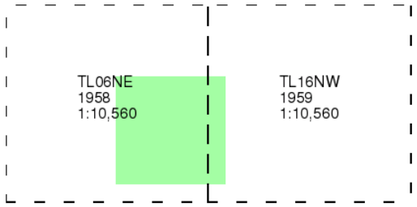

Historical Map - Slice D

Order Details

Order Number:	299346790_1_1
Customer Ref:	R3035
National Grid Reference:	508000, 265750
Slice:	D
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Site Details

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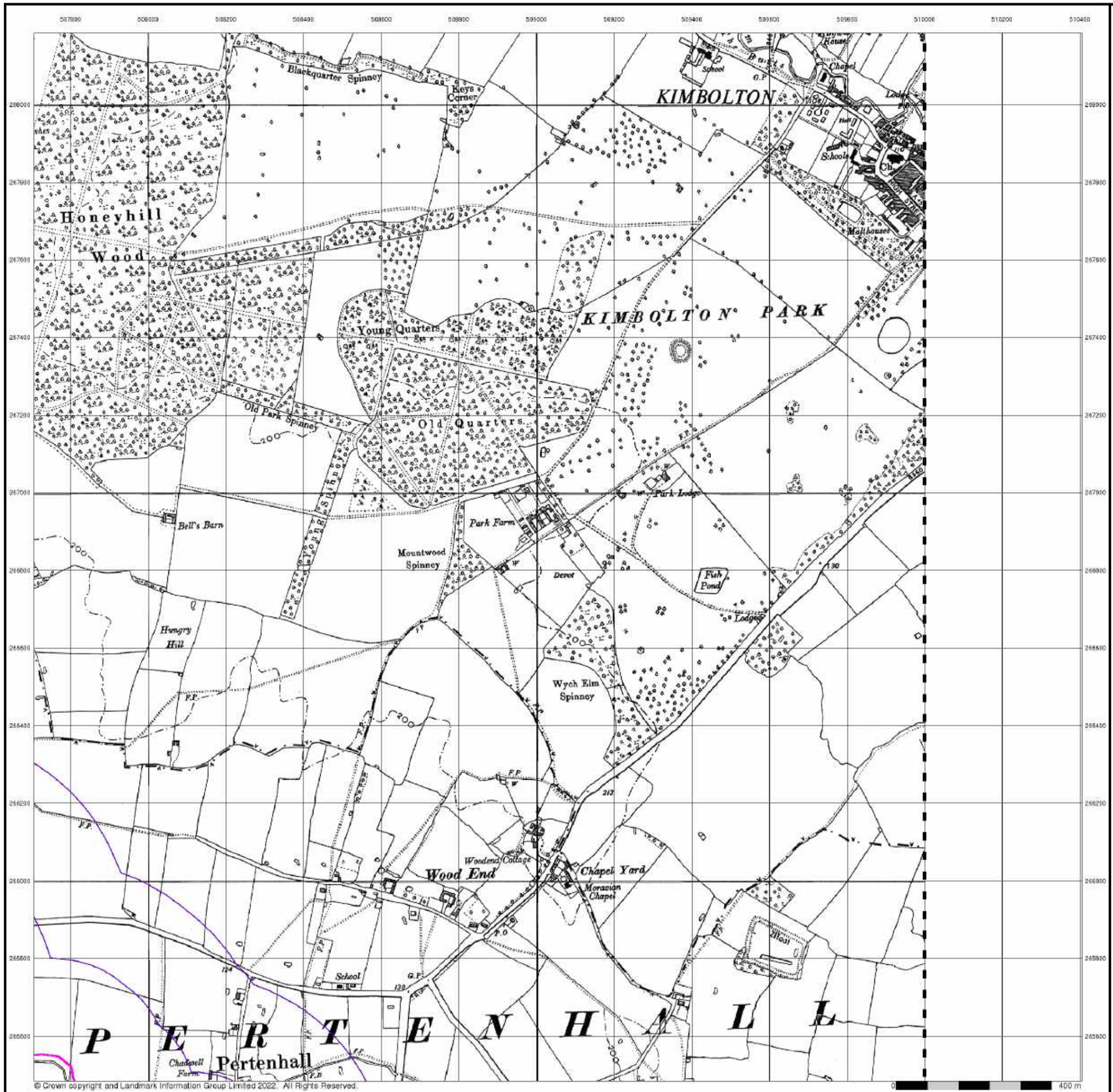

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Ordnance Survey Plan

Published 1969

Source map scale - 1:10,000

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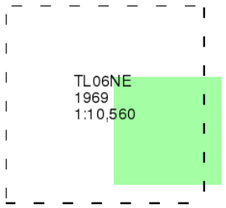

Historical Map - Slice D

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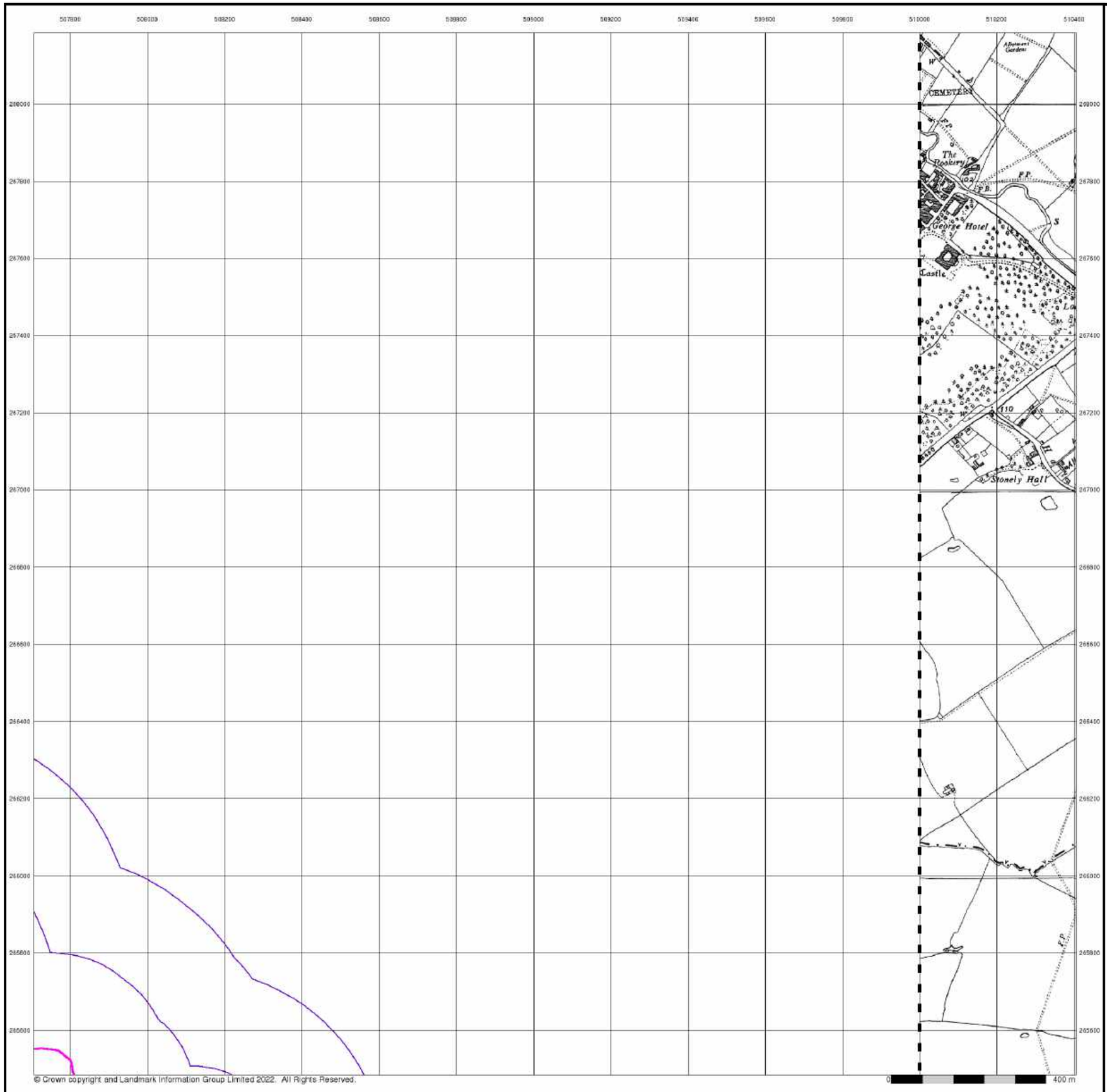

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Ordnance Survey Plan

Published 1970

Source map scale - 1:10,000

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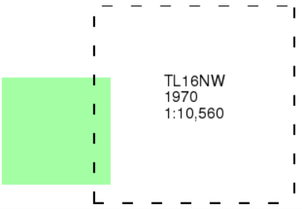
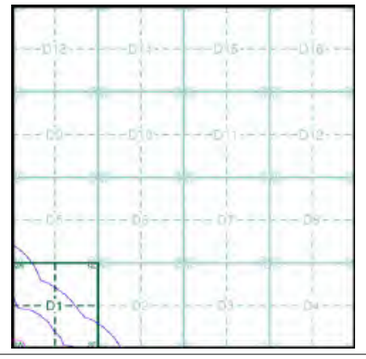


Historical Map - Slice D



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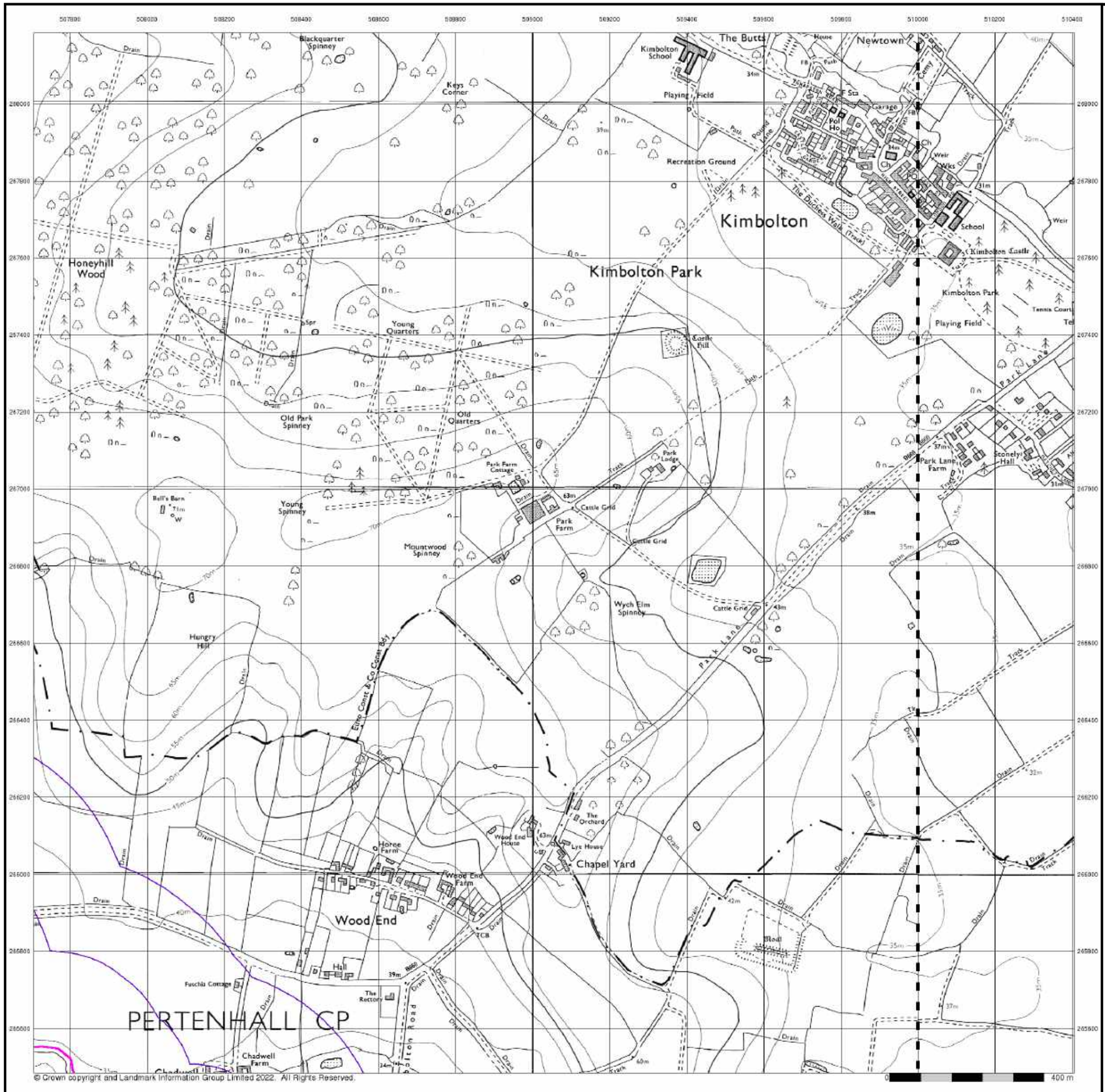

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Ordnance Survey Plan

Published 1982 - 1983

Source map scale - 1:10,000

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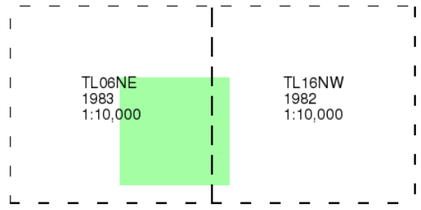
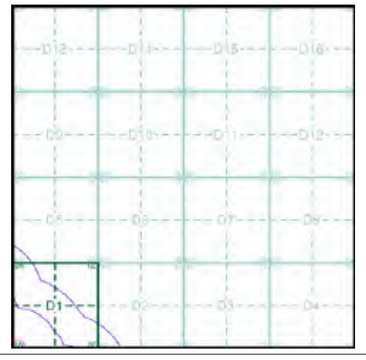


Historical Map - Slice D



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