

Windsock Solar Farm

Environmental Impact Assessment Scoping Report

Volume 2: Appendices (Part 2)

October 2026

PINS Ref: EN0110045

Windsock Solar Farm

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Windsock
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APPENDIX J:
PRELIMINARY RISK ASSESSMENT



Windsock Solar Farm

Preliminary Risk Assessment

October 2026
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Windsock
Solar Farm

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Prepared for:
Trio Windsock Solar Farm Ltd.

Prepared by:
RSK Environment Limited

EXECUTIVE SUMMARY

RSK Environment Ltd was commissioned by Trio Windsock Solar Farm Ltd to undertake a Phase 1 Desk Study for the proposed Windsock Solar and Battery Energy Storage System (BESS) Farm, located close to RAF Cranwell in Lincolnshire.

This assessment has been completed to support the Development Consent Order (DCO) application, and has been undertaken in accordance with current guidance, including Land Contamination Risk Management (LCRM) and BS 10175:2026.

The Site covers an area of approximately 255 hectares and is currently in agricultural use. A review of historical mapping, environmental records, geological and hydrogeological information, together with a Site reconnaissance survey, was undertaken to identify potential geo-environmental and geotechnical constraints associated with the proposed development.

The Site is underlain by limestone bedrock which is classified as a principal aquifer. Superficial deposits are limited, but where present they comprise head deposits classified as secondary undifferentiated aquifers. The Site is within a groundwater source protection zone 3 (SPZ3). There are no licensed groundwater abstractions inside the Site boundary, but there is one in the wider study area.

The assessment identified potential sources of contamination, including on-site historical and ongoing agricultural land use and the possible presence of localised areas of made ground. Potential off-site sources of contamination include historical and active mineral extraction and landfilling at Brauncewell Quarry, nearby sewage treatment works, RAF Cranwell and historical infilled pits.

The contamination risk assessment indicated that the majority of identified potentially complete pollutant linkages were low or very low risk in terms of hazards to human health, buildings/infrastructure or ecological receptors. However, further consideration is required in relation to a number of potentially complete linkages.

The identified potentially complete linkages with a moderate/low risk all relate to potential movement of contamination through groundwater, with the potential to affect Site users or groundwater resources.

The identified potentially complete linkages with a moderate risk relate to potential movement of contamination through groundwater, with the potential to affect potable groundwater abstraction sources.

No significant geotechnical constraints have been identified at the Site, although there may be limited constraints due to the presence of historical infilled ponds or infilled mineral workings, or isolated areas of potential natural geological hazards.

An intrusive site investigation is recommended, which should focus on confirming the presence and extent of made ground, assessing soil and groundwater quality, establishing groundwater conditions and assessing the potential risk to private water

supplies. Geotechnical testing could be undertaken alongside the environmental investigation works to inform the foundation and infrastructure design works.

1 INTRODUCTION

1.1 Commissioning

1.1.1 RSK were engaged by Trio Windsock Solar Farm Ltd (the Applicant) to undertake a Phase 1 Desk Study in relation to the Development Consent Order (DCO) application for the construction, operation (including maintenance), and decommissioning of Windsock Solar Farm (hereafter referred to as the 'Proposed Development').

1.1.2 The Site boundary is presented on Figure 1.

1.2 Objectives

1.2.1 The Site is being considered for development for use as a solar and Battery Energy Storage System (BESS) farm.

1.2.2 The objectives of the work are:

- to identify contamination and/or geotechnical constraints to the proposed development and, where relevant, to support discharge of planning conditions; and
- to identify, based on risk assessment, whether additional investigation or remediation works may be required to support safe development to make the Site suitable for use.

1.3 Scope of works

1.3.1 The scope of works has been developed in accordance with relevant British Standards and authoritative technical guidance as referenced through the report. The assessment of the contamination status of the Site is in line with the technical approach presented in Land Contamination Risk Management (LCRM) (Environment Agency, 2025) and in general accordance with BS 10175:2026 (BSI, 2026). It is also compliant with relevant planning policy and guidance, i.e. national planning frameworks and policies.

1.3.2 The scope of works for the assessment has included the following:

Desk study

- review the history of development on the Site and within 1km of the Site boundary;
- assess geology, hydrogeology and hydrology on the Site and within 1km of the Site boundary;
- review previous reports pertaining to the Site condition, if available;

- complete a Site reconnaissance survey to assess the visual condition of the Site;
- develop an initial conceptual site model (CSM) and preliminary risk assessment;
- undertake preliminary consideration of geotechnical constraints and hazards; and
- provide recommendations for further works should this be required.

1.4 Existing reports

1.4.1 No existing reports relevant to the Site assessment have been provided to RSK.

1.5 Sustainability considerations

1.5.1 One of RSK's guiding principles is 'promoting the concept of sustainability in all that we do'. The RSK Group Second Nature 2030 Sustainability Strategy (RSK, 2023) confirms RSK's commitment to embedding sustainability throughout the business and creating lasting positive impact for our planet and its people by delivering sustainability in all that we do.

1.5.2 This is supported by RSK Geosciences' Sustainability Policy, which sets our aspiration to provide industry-leading site assessment services to clients to achieve more sustainable and climate resilient development and to support circular economy, decarbonisation and nature-based solutions. RSK also recognise that it has a responsibility to reduce business-related emissions. In this way RSK business activities are aligned with and contribute to meeting several of the UN Sustainable Development Goals (SDGs), as well as supporting pathways to net zero and circular economy.

1.5.3 Sustainability considerations have therefore been taken into account during the design, planning and implementation stages of the work RSK have undertaken for this project, as described in this report. RSK's approach prioritises sustainability by integrating Sustainable Management Practices (SMPs) across the project lifecycle, to reduce project-related emissions and help clients achieve more sustainable outcomes for their projects. SMPs were originally published by CL:AIRE (CL:AIRE, 2021a) and these have been further developed by RSK as an in-house tool. Further detail is provided in Annex A.

1.5.4 Where applicable, consideration has been given throughout this report to align the recommendations with circular economy, sustainable development and climate resilience. The following specific aspects have been identified to be relevant for this report:

Desk study:

- Evaluation of impacts of projected future climate change and extreme weather effects on relevant environmental or geotechnical-based risks.

1.5.5 The following actions could be considered by the Applicant during any proposed site investigation works, or for the design of the Proposed Development:

- Effective and targeted site investigation to inform site-specific assessment and mitigation of environmental or geotechnical-based risks;
- Evaluation of impacts of projected future climate change and extreme weather effects on relevant environmental or geotechnical-based risks;
- Consideration of soil and excavated materials as a valuable resource and potential for retention and reuse on or off-site;
- Evaluation of relative embodied carbon for geotechnical design options, such as foundations; and
- Evaluation of soil conditions to support biodiversity enhancement.

1.5.6 These sustainability-related aspects are considered where appropriate throughout this report. In addition, RSK seek to reduce emissions by:

- Measuring, monitoring and reducing RSK carbon emissions;
- Applying the waste hierarchy to reduce waste generation and increase recycling;
- Optimising intrusive site investigation projects and associated emissions; and
- Engaging with RSK's supply chain on sustainability.

1.6 Limitations

1.6.1 This report is subject to limitations that may be described below and throughout this document.

1.6.2 This report was prepared in accordance with good practice guidance and available datasets at the time of issue. Consideration should be given to changes in legislation, statutory requirements, or industry practices after the date of issue.

1.6.3 The opinions expressed in this report, and the comments and recommendations given, are based on the information obtained from the desk assessment and the Site reconnaissance survey. No intrusive investigations have been undertaken to confirm the actual ground conditions or the contamination status of the Site.

1.6.4 The study aims to principally identify and assess the potential risks and liabilities associated with contamination of the ground, on and in the vicinity of the Site. While this includes consideration of current activities on the Site, the report does not constitute a comprehensive environmental audit of the Site, as covered under ISO 14001.

1.6.5 Although asbestos may not have been encountered as part of these works, asbestos could be present in soil in discrete areas and may be encountered in future ground investigation works.

1.6.6 A detailed survey of invasive plant species is outside the scope of this investigation therefore detailed comments with regards to such species have been omitted from this report.

1.6.7 The comments given in this report and the opinions expressed are primarily based on third party data. While RSK have undertaken a review of the information provided, RSK cannot be held liable for the quality of the data provided.

2 SITE DETAILS

2.1 Site location

2.1.1 Site location details are presented in Table 1 and the Site boundary is provided on Figure 1.

Table 2.1 Site location details

Site name	Windsock Solar and BESS Farm
Site location	Fields located between Long Lane, Brauncewell, and RAF Cranwell
National Grid reference (centre of Site)	501283, 351551

2.2 Site description

2.2.1 The Site boundary and current Site layout are shown on Figure 1, along with the field numbering system that has been used throughout this report. The Site covers an area of approximately 255 hectares. It is currently occupied by fields in agricultural land use, including an area used for farming pigs.

2.2.2 The fields are numbered from Field 1 (at the western side of the Site) to Field 8 (at the south-easterly extent), as indicated on Figure 1.

2.3 Surrounding land uses

2.3.1 The Site is located to the north-west of Cranwell village and north of RAF Cranwell airfield, within a predominantly rural setting. Immediate surrounding land uses are described in Table 2.2.

Table 2.2 Surrounding land uses

North	Long Lane present along northern side of Fields 2, 3 and 6, with agricultural land to the north. Small cluster of residential and agricultural buildings to north of Field 3.
East	Green Lane to east of Fields 7 and 8, with further agricultural land usage beyond. Residential properties of Cranwell Village present to east and south-east of Field 8.
South	Land occupied by RAF Cranwell to south of Fields 1, 2, 4, 5 and 6, including RAF College Cranwell, playing fields and buildings. To the south of Field 8 is Cranwell Avenue (the B1429), beyond which is the eastern end of the RAF Cranwell Airfield.

West	Reeve's Plantation (woodland) is located to the west of Field 1. To the west of Field 8 there are areas of fields and woodland, and area of what appears to be a wastewater treatment works, and a Scout headquarters.

2.4 Proposed development plans

2.4.1 The Proposed Development comprises the construction, operation (including maintenance), and decommissioning of solar photovoltaic ('PV') energy production and energy storage, together with associated infrastructure.

2.4.2 The proposed layout of the Site, at the time of preparing this report, is shown in Annex B.

3 DESK-BASED ASSESSMENT

3.1.1 The desk-based assessment was designed to generally meet the objectives of a preliminary or Phase 1 investigation, as defined by BS 10175:2026 (BSI, 2026) and BS 5930:2015, and is set in context of a Tier 1 preliminary risk assessment as defined in LCRM.

3.1.2 This assessment has considered the land within the Site boundary and a study area up to 1km from the Site boundary.

3.2 Site history

Historical development record

3.2.1 The development history of the Site and surrounding area (up to 1km from the Site boundary) based upon assessment of historical plans and records is detailed in Table 3.1 and Table 3.2.

3.2.2 The historical maps reviewed are shown within the environmental database report in Annex C.

Table 3.1 Summary of historical development on the Site

Date	Historical land use on the Site
1887	The land within the Site boundary is split into fields, with some tracks and small areas of woodland. A small pond is shown on the boundary of Field 1 and Field 2. A plantation crosses Field 4 and there are small pits shown within Field 3, Field 4 and Field 8.
1905	No significant changes.
1947	No significant changes.
1956	Pond on boundary of Fields 1 and 2 no longer shown. Pit in Field 8 no longer shown.
1984	Pits in Fields 3 and 4 no longer shown.
2000	Plantation in Field 4 no longer shown (except small area of western end remaining).
2026	Land remains predominantly in agricultural use with small areas of trees.

Table 3.2 Summary of historical development off-site (within 1km)

Date	Historical land use off-site (within 1km)
1887	A number of off-site pits ('stone pits' or 'gravel pits') are present, including one just east of Field 6, within the woodland labelled as 'Sandpit Plantation'. Cranwell Lodge is present south of the central part of the Site.
1905	Wells are shown in two locations, to the east of Field 7.
1947	Route of railway or tramway shown to south of Field 8, extending southwards and eastwards away from the Site.
1956	The airfield associated with RAF Cranwell is first shown on the mapping in 1956.
1974	RAF Cranwell College is present on mapping, around the area of Cranwell Lodge, including a school, playing fields, residential housing as well as college buildings.
1980	Buildings just off-site adjacent to Field 2 to the south first shown. Sewage works shown to west of Field 8 (grid reference 501600, 350350).
1984	Sewage works shown to east of Field 8 (grid reference 503420, 350661). Pit in area of Brauncewell Quarry is shown to have been significantly extended.
1999	Aerial photograph available showing the extent of extraction works at Brauncewell Quarry.
2006	Further extension of Brauncewell Quarry.
2026	Further extension of Brauncewell Quarry.

3.2.3 The key potential contaminative land uses identified from the available historical maps include:

- Potential contamination associated within infilled pits or ponds on the Site, or with made ground along farm tracks;
- Potential contamination associated with historical or current agricultural usage of the Site;
- Potential contamination associated with activities at the off-site Brauncewell Quarry, including mineral extraction and landfilling;
- Potential contamination associated with two off-site sewage works;
- Potential contamination associated with off-site RAF Cranwell buildings and operations; and
- Potential contamination associated with infilled pits off-site.

Unexploded ordnance

3.2.4 A review of publicly available unexploded ordnance (UXO) risk maps indicates that the Site is located in an area with low potential for wartime bombs to be present (Zetica, 2026, see Annex D).

3.2.5 Please note this assessment does not cover the potential risk of UXO for the Proposed Development construction works and the Applicant may need to obtain their own assessment.

3.3 Information from environmental database report

3.3.1 Relevant environmental permits and incidents detailed within the environmental database report (see Annex C) are summarised in Table 3.3.

Table 3.3 Summary of environmental information

Data type	Entries on the Site	Entries within 1km of Site	Details
Environmental Permitting Regulations (EPR) and/ or Integrated Pollution Prevention and Control (IPPC) permits	0	2	Brauncewell Quarry, IPPC relating to for waste landfilling, located 330m to the east of the Site, grid reference 502733, 351713. Brauncewell Quarries, LAPPC for quarry processes, 304m to east, 502772, 351689.
Former Integrated Pollution Controls (IPC)	0	0	N/A
Local Authority Pollution Control (LAPC)	0	0	N/A
Enforcement and prohibition notices	0	0	N/A
Pollution incidents to controlled waters	0	2	Both over 20 years ago, located 445m and 870m from Site.
Prosecutions relating to controlled waters	0	0	N/A
Substantiated pollution incident	0	0	N/A

Data type	Entries on the Site	Entries within 1km of Site	Details
register			
Water Industry Act referrals	0	0	N/A
Water abstractions	0	1	720m to the east for extraction from groundwater (Central Lincolnshire Limestone), 503340, 349850.
Discharge consents (NB revoked and lapsed consents are not listed)	0	4	Final effluent discharge to land, 101m to the south-east, domestic property, 502553, 351508. Final effluent discharge, 743m to the south, RAF Cranwell, 499630, 349710. Final effluent discharge, 868m to the north-east, Cranwell STW, 503500, 350900. Final effluent discharge, 975m to south, RAF Cranwell, 502230, 348870.
Registered radioactive substances	0	0	N/A
Potentially infilled land (pit, quarry, pond, marsh, river, stream, dock, etc)	2	15	On the Site: unknown filled land at 501261, 351665 and 501246, 351897. Numerous locations, as listed in 'Potentially infilled land' sections of environmental database datasheets (see Annex C).
Hazardous substances/ industrial land uses	0	0	N/A
Control of Major Accident Hazards (COMAH) sites	0	0	N/A
Explosives sites	0	0	N/A
Notification of	0	0	N/A

Data type	Entries on the Site	Entries within 1km of Site	Details
Installations Handling Hazardous Substances (NIHHS)			
Planning hazardous substance consents/ enforcements	0	0	N/A
Contaminated land Part 2A register entries and notices	0	0	N/A
Fuel station entries	0	0	N/A
Note: All distances given in this table are approximate			

3.3.2 It should be noted that the long-term agricultural use of the Site may have involved use of herbicides or pesticides that contained per-fluoroalkyl substances (PFAS).

3.4 Potentially contaminative land use

3.4.1 The Site has been used for agricultural purposes according to available historical mapping, so may be affected by contamination associated with the use of herbicides or pesticides (potentially containing PFAS), or the presence of isolated areas of made ground, or agricultural waste.

3.4.2 There are a number of reported historical mineral extraction locations, where later infilling may have occurred.

3.4.3 RAF Cranwell, associated MOD housing and Cranwell airfield are located within the study area, to the south of the Site, along with the village of Cranwell.

3.4.4 There is a sewage treatment works approximately 220m west of Field 8, and a smaller sewage treatment works to the east of the same field.

3.4.5 Some waste from the pig farm area was observed stockpiled along the boundary of Field 5 during the Site walkover.

3.5 Landfills and waste management facilities

Registered landfill sites

3.5.1 There are no registered landfill sites within the Site boundary, and there is only one site within the study area, although this has numerous licences associated with it. This is the registered landfill site at Brauncewell Quarries. Although this is listed as being 572m to the east of the Site at grid reference 502900, 351900, the closest point of the landfill to the Site is approximately 220m to the east. This site has been licensed since July 1986, with an updated licence issued in April 2001 (and this licence remains active). The accepted waste type is listed as inert waste. The Brauncewell Quarries site also has active licences associated with the transfer and treatment of inert and excavation waste.

Licensed waste management facilities

3.5.2 A licensed waste management facility is located at Brauncewell Quarry, assigned grid reference 502731, 351808. This site has been operational from January 2012 (and this remains an active licence) for the physical treatment of waste.

3.5.3 A further licensed waste management facility is recorded at 'Brauncewell Quarries', grid reference 502967, 352067. This is listed as having been operational from March 2007 (including various licence numbers, all of which have now expired) for operation as an 'inert landfill' or 'landfill taking non-biodegradable waste'.

3.6 Radon

3.6.1 Although the Proposed Development is not residential, the environmental database provides information relating to whether or not radon protection would be required for any new dwellings to be constructed. This information is presented here, as it is an indication of whether risks from radon are likely to require any further consideration.

3.6.2 Parts of the Site are within the following zones:

- Intermediate probability radon areas (1% to 3% of homes estimated to be at or above the Action Level);
- Lower probability radon areas (less than 1% of homes are estimated to be at or above the Action Level);
- Areas where no radon protective measures would be necessary in the construction of new dwellings or extensions.

3.7 Sensitive Sites

3.7.1 There is a site of special scientific interest (SSSI) located at High Dyke, 395m to the west of the Site (grid reference 499055, 350299). There are no other sensitive sites identified within the Site or in the study area.

3.8 Summary of previous reports

3.8.1 No previous reports for the Site have been made available for review.

3.9 Site geology

Anticipated geological sequence

3.9.1 The Site is underlain by bedrock geological units from the Lower and Upper Lincolnshire Limestone Members. These are characterised by limestone layers with occasional mudstone beds, specifically found along the northern parts of Fields 1, 2 and 3.

3.9.2 Superficial geological units are generally absent from the Site, with the exception of small areas of head deposits (clay, silt, sand and gravel) along the northern boundaries of Fields 1, 2 and 3 and a small area in the central part of Field 2.

3.9.3 Made ground deposits may be present in localised areas, but this is not indicated by the geological mapping. If present, such deposits would be expected to be associated with historical mineral extraction sites or farm tracks. There are no mapped areas of artificial ground shown on the BGS maps database.

Table 3.4 Geology of Site and study area

Strata	Description	Estimated thickness	Permeability
Lower Lincolnshire Limestone Member	Limestone layers including sandy or calcareous limestone units and may include substantial mudstone units	Up to approximately 20m	High
Upper Lincolnshire Limestone Member	Limestone units with high ooid* and shell fragment content	Up to approximately 15m	High

Strata	Description	Estimated thickness	Permeability
Head deposits	Clay, silt, sand and gravel	Not recorded and likely to be variable depending on the underlying bedrock	Variable depending on composition of head
Made ground	Backfill of an excavation with unknown material (potentially reworked natural soils, or waste material)	Not shown on BGS mapping	Variable depending on material present
Relevant information sources: BGS GeoIndex, BGS borehole logs * Ooids are spherical elements within the rock unit formed of concentric calcium carbonate layers			

3.9.4 A review of BGS borehole records from the surrounding area (as reproduced in Annex D) has been undertaken. These are in agreement with the geological succession that is detailed above, and typically demonstrate the presence of thin topsoil layers over weathered limestone, present in the form of gravel or cobbles. Where the boreholes extend deeper, the degree of weathering is lower at greater depths.

Designated geological sites

3.9.5 There are no geologically designated SSSIs within the Site or the study area.

3.9.6 There are no Local Geological Sites within the Site, and there is one Local Geological Site (LGS) within the study area, located approximately 200m from the Site at Brauncewell Quarry. Brauncewell Quarry is designated as an LGS due to the exposure of Lincolnshire Limestone, which displays the key rock layers and formations (as referenced in the memoir for the Geology of the Grantham District, 1999).

3.10 Mineral resources

Mineral extraction sites

3.10.1 The information that has been reviewed has not identified any operational mineral extraction sites within the Site. There is one operational mineral extraction site within the study area, located 654m to the east of the Site (Brauncewell Quarry). This operates for the extraction of limestone.

3.10.2 There are three recorded historical mineral extraction sites within the Site and 18 recorded historical sites within the study area. All on-site extraction sites involved excavation of limestone. Extraction sites in the study area were mainly for the excavation of limestone, although a minority involved sand, sand and gravel, or clay and shale. Opencast mineral extraction sites taken from BGS records are listed below, along with the distances/directions from the Site boundary, and the type of mineral that was excavated:

- On the Site, Brauncewell Grange Stone Pit, 501241, 351893. Limestone from the Upper Lincolnshire Limestone Member.
- On the Site: Green Lane Stone Pit, 502454, 350651. Limestone from Upper Lincolnshire Limestone Member.
- On the Site, Brauncewell Grange Stone Pit, 501251, 351653. Limestone from the Upper Lincolnshire Limestone Member.
- 19m to the north-east, 502665, 350673. Limestone from the Lower Lincolnshire Limestone Member.
- 20m to the south, 502156, 351500. Limestone from the Upper Lincolnshire Limestone Member.
- 32m to the north-east, 502676, 350696. Limestone from the Lower Lincolnshire Limestone Member.
- 106m to the east, 502647, 349899. Sand and gravel from the Upper Lincolnshire Limestone Member.
- 131m to the north of the Site, 499793, 350473. Lord Bristol's Plantation Stone Pit, limestone from Upper Lincolnshire Limestone Member, operation has ceased.
- 154m to the south-east, 502569, 349698. Limestone from the Upper Lincolnshire Limestone Member.
- 257m to the north-east, 500083, 350483. Limestone from Upper Lincolnshire Limestone Member, ceased.
- 321m to the east, 502707, 351713. Limestone from the Upper Lincolnshire Limestone Member.
- 359m to the east, 502814, 351703. Limestone from the Upper Lincolnshire Limestone Member.
- 373m to the west, 501461, 349818. Limestone from the Upper Lincolnshire Limestone Member.
- 383m to the north-west, 499115, 350811. Limestone from Upper Lincolnshire Limestone Member, ceased.
- 433m to the west, 499764, 351696. Sand and gravel from the Lower Lincolnshire Limestone Member.
- 437m to the south-east, 503037, 351083. Limestone from the Upper Lincolnshire Limestone Member.
- 486m to the south-west, 499158, 351089. Sand from Quaternary deposits.

- 654m to the east, Brauncewell Quarry, 502990, 351940. Limestone from the Upper Lincolnshire Limestone Member (NB, this site remains active).
- 789m to the north-east, 503434, 350706. Limestone from the Rutland Formation.
- 935m to the north-east, 500626, 352709. Clay and shale from the Upper Lincolnshire Limestone Member.
- 983m to the north, 500307, 352640. Sand and gravel from the Upper Lincolnshire Limestone Member.

Mineral safeguarding areas

3.10.3 Mineral safeguarding areas are present within the Site and the study area, as shown on Figure 2. There are no mineral safeguarding areas with respect to sand and gravel resources. However, a mineral safeguarding area that relates to limestone resources is present across the entire Site around, and in the majority of the study area with the exception of a zone to the south of Fields 4 and 5.

3.11 Natural geological hazards

3.11.1 According to the environmental database search report the hazard potential is predominantly low, very low or no hazard in relation to geological hazards, with isolated areas being indicated as potentially at moderate risk.

3.11.2 There is one location outside the Site, but within the study area, that is assigned a moderate hazard categorisation relating to the potential for a landslide hazard, two locations that are assigned moderate hazard categorisations for potentially compressible ground and one location considered to be potentially a moderate hazard from dissolution stability hazards, as detailed in the list below:

- Potential for collapsible ground stability hazards: either very low or no hazard across the entire Site and study area;
- Potential for compressible ground stability hazards: moderate in one location on the Site (grid reference given as 501826, 350207) and one location in the study area (74m to the south-east of the Site at grid reference 502539, 349773), otherwise very low or no hazard;
- Potential for ground dissolution stability hazards: moderate in one location (located 227m off-site to the south-east, grid reference 502673, 349671), otherwise low, very low or no hazard;
- Potential for landslide ground stability hazards: moderate in one location (approximately 20m off-site to the south-east), otherwise low or very low;
- Potential for running sand ground stability hazards: listed as very low or no hazard across the Site and study area; and

- Potential for shrinking or swelling clay ground stability hazards: recorded as very low or no hazard.

3.12 Hydrogeology

3.12.1 Details of the hydrogeology of the units beneath the Site are presented in Table 3.5.

Table 3.5 Summary of hydrogeological setting

Condition	Description
Aquifer characteristics	The limestone bedrock deposits underlying the Site are classified as a principal aquifer. Superficial geological units (head deposits), where present, are defined as secondary (undifferentiated) aquifers. A principal aquifer is defined as a layer of rock with high permeability and high water storage capacity. Secondary undifferentiated aquifers are aquifers where it is not possible to apply either a Secondary A or B definition because of the variable characteristics of the rock type. These have only a minor value.
Groundwater vulnerability	The bedrock aquifers are defined as having high groundwater vulnerability. The superficial geological units are defined as having medium to high vulnerability.
Groundwater dependent terrestrial ecosystems	The Site and study area are not within a location that is defined as being part of a groundwater dependent terrestrial ecosystem.
Depth to groundwater and flow	There is no information from previous site investigations, so the depth of groundwater on the Site and within the study area is not known. The majority of BGS borehole records from the surrounding area were only for shallow excavations and did not encounter groundwater. However, the record for BGS borehole SK94NE17 did encounter groundwater at 5.6m, although this is located over 1km from the Site boundary, so is outside the study area.
Groundwater flooding	The Site walkover did not identify any areas of waterlogged ground or areas where high groundwater was evident.
Groundwater recharge/ attenuation	Most of the Site is currently unsurfaced and will therefore drain to ground.
Historical	There is no information on historical plans to suggest

Condition	Description
implications for hydrogeology	hydrogeology at the Site would be affected by historical features. Historical wells were shown in two locations on historical mapping, to the east of Field 7.
Licensed groundwater abstractions	There are no active licences for groundwater abstraction (or surface water abstraction) within the Site. There is one active licensed groundwater abstraction (for agricultural and domestic use) within the study area, located approximately 720m east of the Site.
Private groundwater abstractions	The locations of any private water abstractions (licensed or unlicensed) have not been reviewed at this stage, but typically any private domestic water supplies would be assumed to have a 50m radius groundwater SPZ.
Source protection zones	The aquifer in the limestone bedrock is classified as being a groundwater Source Protection Zones 3 (SPZ3: total catchment zone). Details of the SPZ designation are contained in Annex F.
Water Framework Directive groundwater bodies	The Site and the majority of the study area are within a Water Framework Directive groundwater body known as Witham Limestone Unit A. This is categorised as having an overall 'poor' status.
Protections associated with drinking water	The Site and study area are not within a Drinking Water Protected Area relating to surface water, a Drinking Water Safeguard Zone relating to surface water, or a Drinking Water Safeguard Zone relating to groundwater.

3.13 Hydrology

3.13.1 A summary of the hydrology on the Site and in the study area is summarised in Table 3.6.

Table 3.6 Summary of hydrological setting

Condition	Description
Surface watercourses / features	There are no ponds on the Site, although there is one pond located just off-site close to the south-west boundary of Field 8, with associated pumping infrastructure.
Surface water abstractions	There are no surface water abstractions identified by the environmental database on the Site or within a 1km radius of the Site.
Site drainage	Surface drainage from the Site appears to be discharged to land and via agricultural land drains.

Condition	Description
Preliminary flood risk data	The Site and study area does not lie within any flood zones according to the EA Flood Map for Planning data. A flood risk assessment is outside the scope of this report.

3.14 Future climate change impacts

3.14.1 In accordance with planning policies and guidance for undertaking assessments of ground conditions (e.g. LCRM), there is a need to consider the effects of future climate change and associated extreme weather events (EWE) on the CSM and identified potential contaminant linkages, along with the implications for risk assessment and remediation. Further background details are provided in Annex A.

3.14.2 Table 3.7 contains a preliminary assessment of projected climate change impacts that may be relevant to the Site. As all parts of the UK are projected to experience temperature rises, this is not included in the table. Cascading effects of temperature rise are considered via changes in precipitation, flood, heatwaves and drought. This assessment is based on Met Office UK Climate Projections (UKCP18) Representative Concentration Pathway (RCP) 8.5 data for the far future, i.e. 2080s (Met Office, 2018 and 2021) and other relevant datasets. This is based on a 'reasonable worse case' scenario. Where considered necessary, qualitative consideration of climate change is provided for specific linkages in the risk assessment and as an uncertainty in the CSM.

3.14.3 Extreme weather can include extremes of precipitation, heat, drought and cold. As a result of climate change, extreme events are anticipated to become more intense and frequent across the UK.

Table 3.7 Potentially relevant future projected climate change and extreme weather event Site impacts

Climate impact risk factors	Relevant to the Site or study area	Discussion
Projected significant changes in annual infiltration rates	Yes, potential reduction in rainfall of approximately 12%	Potentially mitigating factors which may reduce the significance include the presence of mainly soft standing across the Site, the potential for designing the drainage for the Site to account for this issue, and the highly transmissible properties of the limestone bedrock.
Future flood risk areas due to flooding	Not considered to be relevant	Due to low current flood risk for the Site, this is not considered to pose a significant risk.

Climate impact risk factors	Relevant to the Site or study area	Discussion
Future surface water flood risk (i.e. due to inundation of drainage systems)	No	The overall long term flood risk is anticipated to stay the same and is therefore not considered to be at risk of increasing as a result of climate change.
Coastal erosion as a result of sea level rise	No	The Site is not in a coastal area

3.14.4 Further details on climate risk screening are provided in Annex A.

4 SITE RECONNAISSANCE FINDINGS

4.1.1 A Site reconnaissance survey was completed on 7 July 2026 by RSK.

4.1.2 The key findings from the Site reconnaissance survey were as follows:

- The Site is in agricultural use, with Fields 1 and 2 planted with a root vegetable crop, Fields 3, 4, 7 to 8 planted with grain crops and Fields 5 and 6 used for pig farming.
- The surrounding area is also partially in agricultural use, including some farm buildings, with other land usage including the village of Brauncewell, Brauncewell Quarry, RAF Cranwell (college, housing and other associated infrastructure), sewage works, etc.
- The Site was broadly level with some marked undulations across Fields 1 and 2, and an elevation range from 48m to 65m AOD.
- Field boundaries were generally present as trees, shrubs and hedges and there were several small woodland areas.

4.1.3 The notes and photographs recorded during the reconnaissance survey are provided in Annex E.

5 PRELIMINARY GEOTECHNICAL CONSTRAINTS

5.1 Design class

5.1.1 British Standard BS EN 1997-1 defines three different Geotechnical Categories that structures may fall into, which are summarised as follows:

- Category 1: Small and relatively simple structures for which it is possible to ensure that the fundamental requirements will be satisfied on the basis of experience and qualitative geotechnical investigations; with negligible risk;
- Category 2: Conventional types of structure and foundation with no exceptional risk or difficult ground or loading conditions;
- Category 3: Structures or part of structures, which fall outside limits of Geotechnical Categories 1 and 2. Examples include very large or unusual structures; structures involving abnormal risks, or unusual or exceptionally difficult ground or loading conditions; structures in highly seismic areas; structures in areas of probable site instability or persistent ground movements that require separate investigation or special measures.

5.1.2 Based on the information provided above on the Proposed Development and in view of the anticipated ground conditions, a Geotechnical Category of 2 has been assumed for the purposes of designing the geotechnical investigation. This should be reviewed at all stages of the investigation and revised where necessary.

5.2 Preliminary geotechnical hazards assessment

5.2.1 A summary of commonly occurring geotechnical hazards is given in Table 5.1, together with an assessment of whether the Site may be affected by each of the stated hazards.

Table 5.1 Summary of preliminary geotechnical risks that may affect the Site or study area

Hazard category	Hazard status based on desk study findings and Proposed Development		Engineering considerations if hazard affects Site
	Could be present and/or affect Site	Unlikely to be present and/or affect Site	
Sudden lateral changes in ground conditions		x	Not expected to be present, due to consistent geological units
Shrinkable clay soils *		x	Very low risk or no risk of hazard
Highly compressible and low bearing capacity soils, (including peat and soft clay)	x		Moderate risk in one location on the Site (grid reference 501826, 350207) and one location in the study area (74m to the south-east, 502539, 349773). Elsewhere very low or no hazard.
Silt-rich soils susceptible to rapid loss of strength in wet conditions *		x	Not expected to occur
Running sand at and below water table		x	Very low risk or no risk of hazard
Ground dissolution stability hazards		x	Moderate risk of hazard in one location (located 227m off-site to the south-east, 502673, 349671). Within Site, low, very low or no hazard.
Collapsible ground stability hazards		x	Very low or no hazard across the entire Site and study area.
Evaporite dissolution features and/or subsidence *		x	Not reported or shown on historical mapping
Ground subject to or at risk from landslides *	x		Low or very low risk on the Site, potentially moderate in isolated location 20m off-site to the south-east.

Hazard category	Hazard status based on desk study findings and Proposed Development		Engineering considerations if hazard affects Site
	Could be present and/or affect Site	Unlikely to be present and/or affect Site	
Ground subject to peri-glacial valley cambering with gulls possibly present		x	Not expected to occur
Ground subject to or at risk from coastal or river erosion *		x	Not expected to occur
High groundwater table (including waterlogged ground) *		x	Not expected to occur
Rising groundwater table due to diminishing abstraction in urban areas *		x	Not expected to occur
Geological faults, fissures and break lines		x	Not reported to be present
Underground mining including shafts and adits (e.g. coal, mineral)		x	Not reported to be present
Effects of extreme temperature (e.g. cold stores or brick kilns/furnaces)		x	Not expected to occur
Existing sub-structures (e.g. tunnels, foundations, basements, and adjacent sub-structures)		x	Not expected to be present based on Site history

Hazard category	Hazard status based on desk study findings and Proposed Development		Engineering considerations if hazard affects Site
	Could be present and/or affect Site	Unlikely to be present and/or affect Site	
Filled and made ground (including embankments, infilled ponds and quarries)	x		Evidence of filled pond, and potential areas of infilled mineral excavations
Adverse ground chemistry (including expansive slags and weathering of sulphides to sulphates)		x	Not expected to be present
Site topography, including presence of steep slopes		x	Not noted to affect the Site
Note: Seismicity is not included in the above table as this is not normally a design consideration in the UK. * The potential for these geohazards to impact the Site may be exacerbated by climate change related fluctuations in temperature and precipitation.			

6 INITIAL CONCEPTUAL SITE MODEL

6.1.1 In the UK, land contamination is assessed using a risk-based approach taking account of the magnitude (severity of the hazard) and likelihood (probability) of occurrence. A 'receptor' is something that could be adversely affected by contamination (e.g. people, an ecological system, property or a water body). A 'pathway' is a route or means by which a receptor is or could be exposed to or affected by a contaminant. A 'contaminant source' is a hazard but it can only pose a risk to a receptor where a pathway is present.

6.1.2 The relationship between sources, pathways and receptors are referred to as a conceptual site model (CSM). A risk can only be realised where a contaminant source, pathway and receptor are all in place, referred to as a 'contaminant linkage'.

6.1.3 In line with LCRM (Environment Agency, 2025) and BS 10175:2026 (BSI, 2026), RSK has used information in the preceding sections to identify hazards (sources of contaminants), receptors that may be impacted and plausible linking pathways. Where all three are present this is termed a potentially complete contaminant linkage and a qualitative risk estimation is made.

6.1.4 The CSM has been considered in context of the Proposed Development as understood at the time of writing this report. Should the Site development proposals change, the CSM and the associated contaminant linkages identified may need to be revised.

6.2 Potential contamination linkages

Potential sources of contamination

6.2.1 Potential sources of contamination identified from current activities and the history of the Site and surrounding area are presented in Table 6.1.

Table 6.1 Potential sources of contamination

Potential sources	Contaminants of concern
On the Site	
S1. Made ground (i.e. fill material) in ponds or excavations, or associated with farm tracks	Unknown fill material may be present in infilled ponds or mineral excavations. Potentially including brick, ash and clinker and containing toxic and phytotoxic metals, inorganics, polycyclic aromatic hydrocarbons (PAHs), asbestos, possible ground gases.

Potential sources	Contaminants of concern
S2. Historical and ongoing Site use for agricultural purposes	Herbicides and pesticides (potentially containing PFAS).
Off-site, within the study area	
S3. Contamination associated with mineral extraction or landfilling activities at Brauncewell Quarry	Inert/ commercial/ industrial/ municipal waste. Landfill leachate including ammoniacal nitrogen, chloride, inorganic and organic contaminants, PFAS and other POPs, possible landfill gases.
S4. Sewage works	Two facilities, off-site to the west and east of Field 8. Ammoniacal nitrogen, inorganic and organic contaminants and PFAS.
S5. Potential contamination associated with off-site RAF Cranwell buildings and operations (including railway/tramway)	Possible storage and use of firefighting chemicals containing PFAS and other potential persistent organic pollutants, petroleum hydrocarbons, toxic and phytotoxic metals, inorganics, PAHs, asbestos, herbicides.
S6. Infilled former pits	Inert/ commercial/ industrial/ municipal waste. Landfill leachate including ammoniacal nitrogen, chloride, inorganic and organic contaminants, PFAS and other POPs.

6.3 Sensitive receptors

6.3.1 Sensitive receptors identified on the Site or within the study area that could be affected by the potential sources identified above include:

- R1 Current / future Site users (current agricultural workers, future Site workers)
- R2 Adjacent site users (residents, agricultural workers)
- R3 Proposed buildings and services (i.e. foundations and potable water pipes)
- R4 Vegetation
- R5 Groundwater in principal aquifer within bedrock units
- R6 Groundwater in secondary undifferentiated aquifer in superficial geological units (where present)
- R7 Groundwater abstraction points.

6.4 Potential contaminant pathways

6.4.1 Exposure pathways that should be considered with respect to human health receptors include:

P1 Direct ingestion, inhalation and dermal contact with soil and soil-derived dust, and consumption of Site-grown produce
P2 Vapour migration followed by indoor and/or outdoor inhalation
P3 Soil-derived dust migration followed by deposition and subsequent ingestion, inhalation, and dermal contact
P4 Asbestos fibre release followed by inhalation.

6.4.2 Pathways that may be applicable with respect to other receptors include:

P5 Direct contact of foundations/services with contamination in soil and/or groundwater
P6 Leaching from soil followed by migration in groundwater
P7 Migration of contamination in groundwater
P8 Migration of contamination via run-off through drainage
P9 Discharge of contaminants to surface water
P10 Root uptake of contaminants by vegetation, leading to phytotoxicity.

6.4.3 Of the potential pathways identified above, it is possible that climate change could affect the movement of contamination through groundwater, if changes in rainfall, overland flow or groundwater levels over time affect the existing groundwater regime.

6.4.4 Construction workers and future maintenance workers have not been identified in the CSM as receptors, because risks are considered to be managed through health and safety procedures according to the Health & Safety at Work Act 1974 and associated regulations and guidance.

6.5 Preliminary risk assessment

6.5.1 The preliminary risk assessment findings and potentially complete contaminant linkages are shown in Table 6.2.

6.5.2 The risk classification is based on the combination of hazard consequence and probability using a risk matrix from CIRIA C552 (Rudland et al, 2001). The requirement for a preliminary qualitative risk assessment is in accordance with LCRM (Environment Agency, 2025). A summary of the risk assessment process is in Annex F.

6.5.3 The initial CSM is shown schematically in Figure 3.

Table 6.2: Risk estimation for potentially complete linkages

SPR No.	Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
1	S1 On-site made ground (i.e. fill material) in ponds or excavations, or associated with farm tracks	R1 Current/future site users	P1 Direct ingestion, inhalation and dermal contact with soil and soil-derived dust, and consumption of site-grown produce	Unlikely	Medium	Low	If present, any on-site made ground is expected to be highly localised, so direct contact with currrent or future site users is unlikely, which results in low risk.
2			P2 Vapour migration followed by indoor and/or outdoor inhalation	Highly unlikely	Severe	Low	Generation of significant quantities of vapours from existing made ground is highly unlikely, therefore even though there is a potential for an event with a severe outcome to occur (eg asphyxiation or explosion), the highly unlikely potential for this means that the potential risk can be categorised as low.
3			P4 Asbestos fibre release followed by inhalation	Unlikely	Medium	Low	Release of abstestos fibres is considered to be unlikely, even if some made ground deposits are present on-site.
4			P6 Leaching from soil followed by migration in groundwater	Low likelihood	Medium	Moderate/ low	If contamination is present in made ground, there is a low likelihood of this leaching into groundwater in sufficent quantities to adversely affect the health of human receptors
5			P7 Migration of contamination in groundwater	Low likelihood	Medium	Moderate/ low	If contamination is present in groundwater as a result of contaminants present within made ground, there is a low likelihood of this being present in sufficent quantities to adversely affect the health of human receptors
6		R2 Adjacent site users	P2 Vapour migration followed by indoor and/or outdoor inhalation	Highly unlikely	Severe	Low	Adjacent site users are considered to be highly unlikely to be adversely affected by the build up of vapours in indoor or outdoor air as a result of such vapours being generated by contamination present within made ground
7			P3 Soil-derived dust migration followed by deposition and subsequent ingestion, inhalation, and dermal contact	Unlikely	Medium	Low	It is considered unlikely that dust from on-site made ground will migrate off-site as dust in sufficient quantities to adversely affect the health of adjacent site users
8			P4 Asbestos fibre release followed by inhalation	Unlikely	Medium	Low	Release of abstestos fibres to off-site areas is considered to be unlikely, even if some made ground deposits are present on-site.
9		R3 Proposed buildings and services	P5 Direct contact of foundations/services with contamination in soil and/or groundwater	Unlikely	Minor	Very low	Even if buildings and services are in direct contact with isolated areas of made ground, the potential risk from this linkage is very low
10		R4 Vegetation	P10 Root uptake of contaminants by vegetation, leading to phytotoxicity	Low likelihood	Minor	Very low	On-site vegetation may be affected by on-site contamination within made ground, but this would be a low sensitivity receptor, with a low likelihood of the linkage being complete, resulting in a very low risk
11		R5 Groundwater in principal aquifer within bedrock units	P7 Migration of contamination in groundwater	Low likelihood	Medium	Moderate/ low	There is a moderate/low risk of this linkage being complete if there are contaminants present within on-site made ground deposits
12		R6 Groundwater in secondary undifferentiated aquifer in superficial geological units	P7 Migration of contamination in groundwater	Low likelihood	Mild	Low	As groundwater within superficial units is of lower sensitivity than groundwater in bedrock, if this linkage existed the risk would be categorised as low
13		R7 Groundwater abstraction points	P7 Migration of contamination in groundwater	Low likelihood	Severe	Moderate	If contamination is present within isolated areas of made ground on-site, there is a potentially moderate risk to groundwater abstraction points that are used for domestic supply (or agricultural supplies with a food consumption end use)
14	S2 On-site historical and ongoing land use for agricultural purposes	R1 Current/future site users	P1 Direct ingestion, inhalation and dermal contact with soil and soil-derived dust, and consumption of site-grown produce	Unlikely	Medium	Low	If present, any on-site agriculturally-derived contamination is expected to be highly diffuse, so direct contact of signigficant concentrations with currrent or future site users is unlikely, which results in low risk.
15			P2 Vapour migration followed by indoor and/or outdoor inhalation	Highly unlikely	Severe	Low	Generation of vapours from diffuse agricultural contamination sources is highly unlikely, therefore even though there is a potential for an event with a severe outcome to occur (eg asphyxiation or explosion), the highly unlikely potential for this means that the potential risk can be categorised as low.
16			P4 Asbestos fibre release followed by inhalation	Unlikely	Medium	Low	Release of abstestos fibres is considered to be unlikely, even if some asbestos-containing materials are present on-site as a result of agricultural site usage.
17			P6 Leaching from soil followed by migration in groundwater	Low likelihood	Medium	Moderate/ low	If contamination is present across the site from agricultural sources, there is a low likelihood of this leaching into groundwater in sufficent quantities to adversely affect the health of human receptors
18			P7 Migration of contamination in groundwater	Low likelihood	Medium	Moderate/ low	If contamination is present in groundwater as a result of contaminants present within soils from agricultural site usage, there is a low likelihood of this being present in sufficent quantities to adversely affect the health of human receptors due to the likely diffuse nature of the use of pesticides and herbicides, and the likely localised presence of other compounds of concern (for example fuel in discrete storage areas)
19		R2 Adjacent site users	P2 Vapour migration followed by indoor and/or outdoor inhalation	Highly unlikely	Severe	Low	Vapour is highly unlikely to be generated from contamination from agricultural sources
20			P3 Soil-derived dust migration followed by deposition and subsequent ingestion, inhalation, and dermal contact	Unlikely	Medium	Low	It is considered unlikely that dust from across the site will migrate off-site in sufficient quantities to adversely affect the health of adjacent site users

Table 6.2: Risk estimation for potentially complete linkages

SPR No.	Potential source	Potential receptor	Possible pathway	Likelihood	Severity	Potential risk	Justification
21			P4 Asbestos fibre release followed by inhalation	Unlikely	Medium	Low	Release of abstestos fibres to off-site areas is considered to be unlikely, even if some areas of farm tracks or surface made ground are present on-site due to agricultural site usage
22		R3 Proposed buildings and services	P5 Direct contact of foundations/services with contamination in soil and/or groundwater	Unlikely	Minor	Very low	Even if buildings and services are in direct contact with soil affected by contamination from agricultural land usage, the potential risk from this linkage is very low
23		R4 Vegetation	P10 Root uptake of contaminants by vegetation, leading to phytotoxicity	Low likelihood	Minor	Very low	On-site vegetation may be affected by on-site contamination within shallow soils or groundwater, but this is a low sensitivity receptor, with a low likelihood of the linkage being complete, resulting in a very low risk
24		R5 Groundwater in principal aquifer within bedrock units	P7 Migration of contamination in groundwater	Low likelihood	Medium	Moderate/ low	There is a moderate/low risk of this linkage being complete if there are contaminants present within shallow soils or groundwater across the Site
25		R6 Groundwater in secondary undifferentiated aquifer in superficial geological units	P7 Migration of contamination in groundwater	Low likelihood	Mild	Low	As groundwater within superficial units is of lower sensitivity than groundwater in bedrock, if this linkage existed the risk would be categorised as low
26		R7 Groundwater abstraction points	P7 Migration of contamination in groundwater	Low likelihood	Severe	Moderate	If contamination is present within shallow soils or groundwater on-site, there is a potentially moderate risk to groundwater abstraction points that are used for domestic supply (or agricultural supplies with a food consumption end use)
27	S3, S4, S5 and S6: Off-site sources associated with mineral extraction, landfilling, sewage works, RAF Cranwell or infilled former pits	R1 Current/future site users	P2 Vapour migration followed by indoor and/or outdoor inhalation	Highly unlikely	Severe	Low	Vapour is highly unlikely to be generated from contamination from any off-site sources in sufficient quantities to travel to beneath the Site
28			P3 Soil-derived dust migration followed by deposition and subsequent ingestion, inhalation, and dermal contact	Unlikely	Medium	Low	It is considered unlikely dust from off-site will migrate onto the Site in sufficient quantities to adversely affect the health of Site users
29			P4 Asbestos fibre release followed by inhalation	Unlikely	Medium	Low	Movement of abstestos fibres from off-site sources onto the Site is considered to be unlikely, even if some areas of waste containing asbestos are present
30			P6 Leaching from soil followed by migration in groundwater	Unlikely	Medium	Low	If contamination is present in off-site locations, it is considered unlikely that this will leach into groundwater in sufficent quantities to migrate beneath the Site and then adversely affect the health of human receptors
31			P7 Migration of contamination in groundwater	Unlikely	Medium	Low	If contamination is present in groundwater as a result of contaminants present off-site, it is unlikely that these would be present in sufficent quantities to adversely affect the health of human receptors once it had migrated to beneath the Site
32		R3 Proposed buildings and services	P5 Direct contact of foundations/services with contamination in soil and/or groundwater	Unlikely	Minor	Very low	Buildings and services on the Site are unlikely to be in direct contact with soil affected by contamination from off-site sources, therefore the potential risk from this linkage is very low
33		R4 Vegetation	P10 Root uptake of contaminants by vegetation, leading to phytotoxicity	Unlikely	Minor	Very low	On-site vegetation is unlikely to be affected by off-site contamination and this is a low sensitivity receptor, resulting in a very low risk
34		R5 Groundwater in principal aquifer within bedrock units	P7 Migration of contamination in groundwater	Low likelihood	Medium	Moderate/ low	There is a moderate/low risk of this linkage being complete if there are contaminants present within off-site shallow soils or groundwater that have the potential to migrate beneath the Site
35		R6 Groundwater in secondary undifferentiated aquifer in superficial geological units	P7 Migration of contamination in groundwater	Unlikely	Mild	Very low	As groundwater within superficial units is of lower sensitivity than groundwater in bedrock, if this linkage existed the risk would be categorised as very low in relation to potential off-site sources
36		R7 Groundwater abstraction points	P7 Migration of contamination in groundwater	Low likelihood	Severe	Moderate	If contamination is present within shallow soils or groundwater off-site, there is a potentially moderate risk to groundwater abstraction points that are used for domestic supply (or agricultural supplies with a food consumption end use)

Risk matrix		Consequences			
		Severe	Medium	Mild	Minor
Probability	Highly likely	Very high	High	Moderate	Moderate/ low
	Likely	High	Moderate	Moderate/ low	Low
	Low likelihood	Moderate	low	Low	Very low
	Unlikely	low	Low	Very low	Very low
	Highly unlikely (This category can only be applied to linkages relating to vapour or ground gas)	Low	Very low	Very low	Very low

6.5.4 Potentially complete contaminant linkages with a potential risk of moderate to low or higher comprise:

- Potential for contamination associated with on-site made ground to affect current or future Site users by leaching from soil, followed by migration through groundwater, assessed as being of moderate/low risk;
- Potential for contamination associated with on-site made ground to affect current or future Site users by migration through groundwater, assessed as being of moderate/low risk;
- Potential for contamination associated with on-site made ground to affect groundwater in the principal aquifer by migration through groundwater, assessed as being of moderate/low risk;
- Potential for contamination associated with on-site made ground to affect groundwater abstraction points by migration through groundwater, assessed as being of moderate risk;
- Potential for contamination associated with on-site agricultural land usage to affect current or future Site users by leaching from soil, followed by migration through groundwater, assessed as being of moderate/low risk;
- Potential for contamination associated with on-site agricultural land usage to affect current or future Site users by migration through groundwater, assessed as being of moderate/low risk;
- Potential for contamination associated with on-site agricultural land usage to affect groundwater in the principal aquifer by migration through groundwater, assessed as being of moderate/low risk;
- Potential for contamination associated with on-site agricultural land usage to affect groundwater abstraction points by migration through groundwater, assessed as being of moderate risk;
- Potential for contamination associated with off-site contamination sources to affect groundwater in the principal aquifer by migration through groundwater, assessed as being of moderate/low risk;
- Potential for contamination associated with off-site contamination sources to affect groundwater abstraction points by migration through groundwater, assessed as being of moderate risk.

6.5.5 In line with LCRM, these potentially complete contaminant linkages need to be assessed further through an appropriate scope of site investigation and/or mitigation incorporated into the development as may be appropriate.

6.6 Data gaps and uncertainties

6.6.1 Key data gaps and uncertainties identified in the CSM at desk study stage include:

- On some occasions information may be missed due to gaps between available historical OS maps. However, for the area of the Site and study area for this Proposed Development, there are few changes to field boundaries between the subsequent map editions, and it is considered unlikely that significant features have been missed;
- There are no existing ground investigations available for the Site, therefore information on concentrations of potential contaminants in soil and groundwater is not available;
- As there are no existing ground investigations, there is no current Site-specific information on groundwater depths and flow directions; and
- Potential uncertainties exist relating to climate change impacts, including predicted increases in extreme weather events and/or predicted long term impacts, for example from rising groundwater levels.

7 CONCLUSIONS AND RECOMMENDATIONS

7.1 Geo-environmental assessment conclusions

7.1.1 Based on the results of the Preliminary Risk Assessment the contaminant linkages that have been identified to be potentially complete (relevant contaminant linkages) and to require further action are:

- Potential moderate/low risk due to contamination associated with on-site made ground or agricultural land use affecting current or future Site users;
- Potential moderate/low risk from contamination associated with on-site made ground or agricultural land use affecting groundwater in the principal aquifer;
- Potential moderate risk from contamination associated with on-site made ground or agricultural land use affecting groundwater abstraction points;
- Potential moderate/low risk from contamination associated with off-site contamination sources affecting groundwater in the principal aquifer;
- Potential moderate risk from contamination associated with off-site contamination sources affecting groundwater abstraction points.

7.1.2 Should unforeseen contamination be encountered during construction works then specialist advice should be sought to determine the appropriate course of action.

7.2 Geotechnical assessment conclusions

7.2.1 The key findings of the geotechnical assessment are as follows:

- Geotechnical Category 2 has been assigned to the Site for the purposes of designing the geotechnical investigation (this should be reviewed and revised as the project progresses);
- Highly compressible and low bearing capacity soils (including peat and soft clay) could be present, with a moderate risk in one location on the Site, and one location within the study area;
- The ground is potentially subject to risks from shallow soil instability, with a low or very low risk for landslides identified on the Site, and a potential moderate risk in an isolated location 20m from the Site boundary, within the study area; and
- Filled and made ground are expected to be present in isolated locations, including in the location of one infilled pond and infilled mineral excavations.

7.3 Recommendations

Geo-environmental Assessment

7.3.1 The following recommendations are made for further assessment of the Site to investigate the risks identified above:

- A Phase 2 intrusive ground investigation should be completed to include, but not necessarily be limited to, the following:
  - Investigation of shallow soils to include laboratory analysis relevant to on-site historical/current agricultural land use and potential for presence of made ground in areas of on-site fill;
  - Confirmation of locations of any private water supplies (groundwater abstraction points), including consultation with the local planning authority;
  - Investigation of groundwater to determine depth of groundwater and presence of contamination from on-site or off-site sources, with consideration of the location of private water supplies (if present within the Site).

Geotechnical Assessment

7.3.2 With respect to issues that could affect geotechnical aspects of the Proposed Development, additional work is recommended to provide Site-specific information.

7.3.3 As part of intrusive ground investigation works for the Proposed Development, geotechnical in situ and laboratory testing should be incorporated, in order to inform infrastructure and foundation design. This should include an assessment of soil and bedrock types and depths, with additional focus on areas where the ground will be more heavily loaded. The geotechnical investigation should be developed in consultation with the project design team to ensure that all necessary areas are assessed for the intended end-use.

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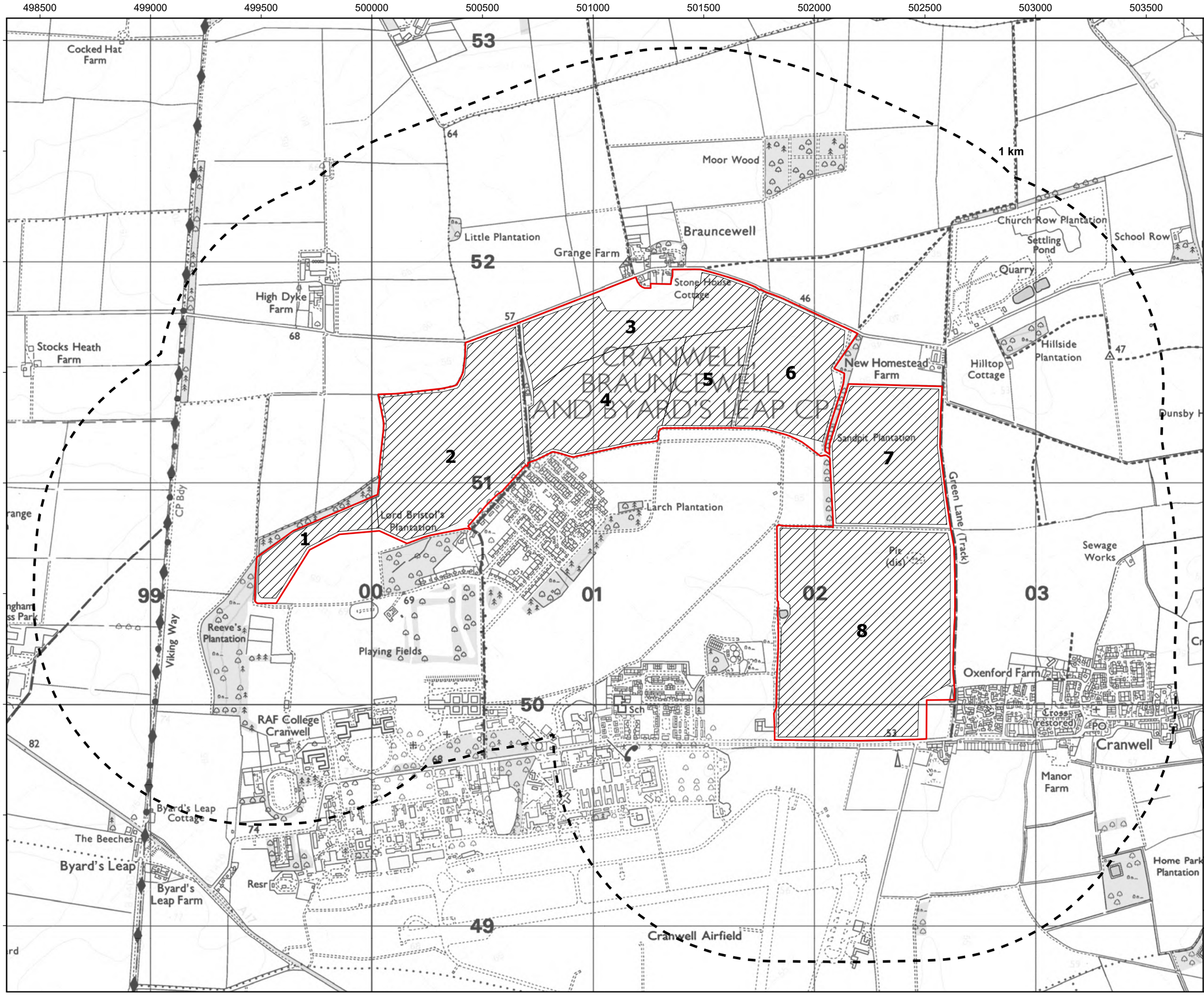
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Figures

Windsock
Solar Farm



Legend:

- Site boundary
- Field
- Land and Groundwater study area

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter

Rev	Date	Description	Drn	Chk	App
03	09/10/2026	Updated Title	DL	DL	HH
02	30/09/2026	Updated Title	FA	FA	HH
01	28/09/2026	Updated RLB	FA	FA	HH

Windsock Solar Farm

TITLE: Appendix J:
Figure 1: Site Boundary

ID: P323777_App_J_Site_Boundary_A3L

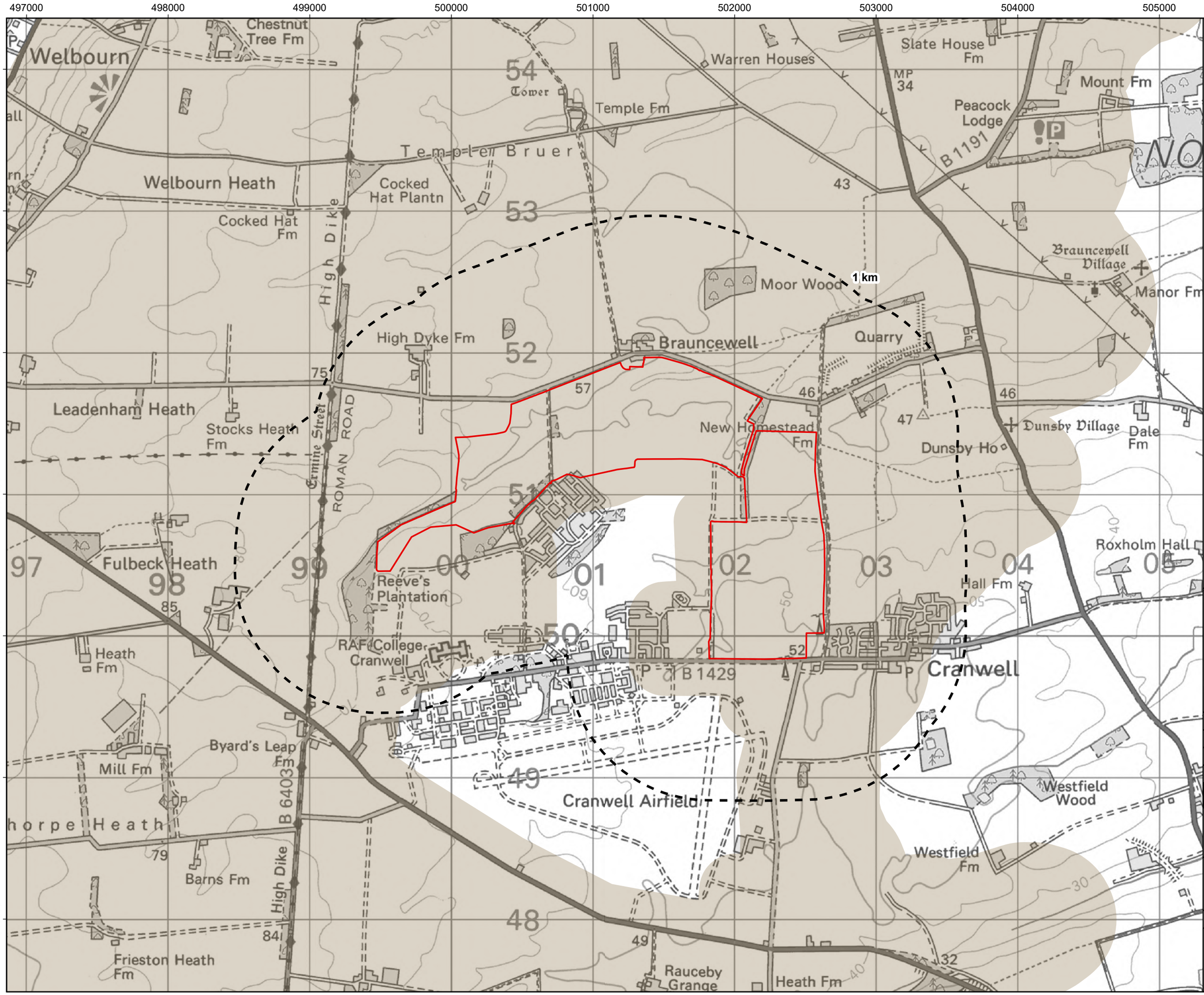
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Path: RSK Group\RSK Environment GIS Projects - 665151 - Windsock\01GIS

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Legend:

- Site boundary
- Land and Groundwater study area
- Limestone Mineral Safeguarding Area

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



Rev	Date	Description	Drn	Chk	App
03	09/10/2026	Updated Title	DL	DL	HH
02	30/09/2026	Updated Title	FA	FA	HH
01	28/09/2026	Updated RLB	FA	FA	HH

Windsock Solar Farm

TITLE: Appendix J:
Figure 2: Limestone Mineral Safeguarding Area

ID: P323777_App_J_Mineral_Safeuarding_Area_A3L

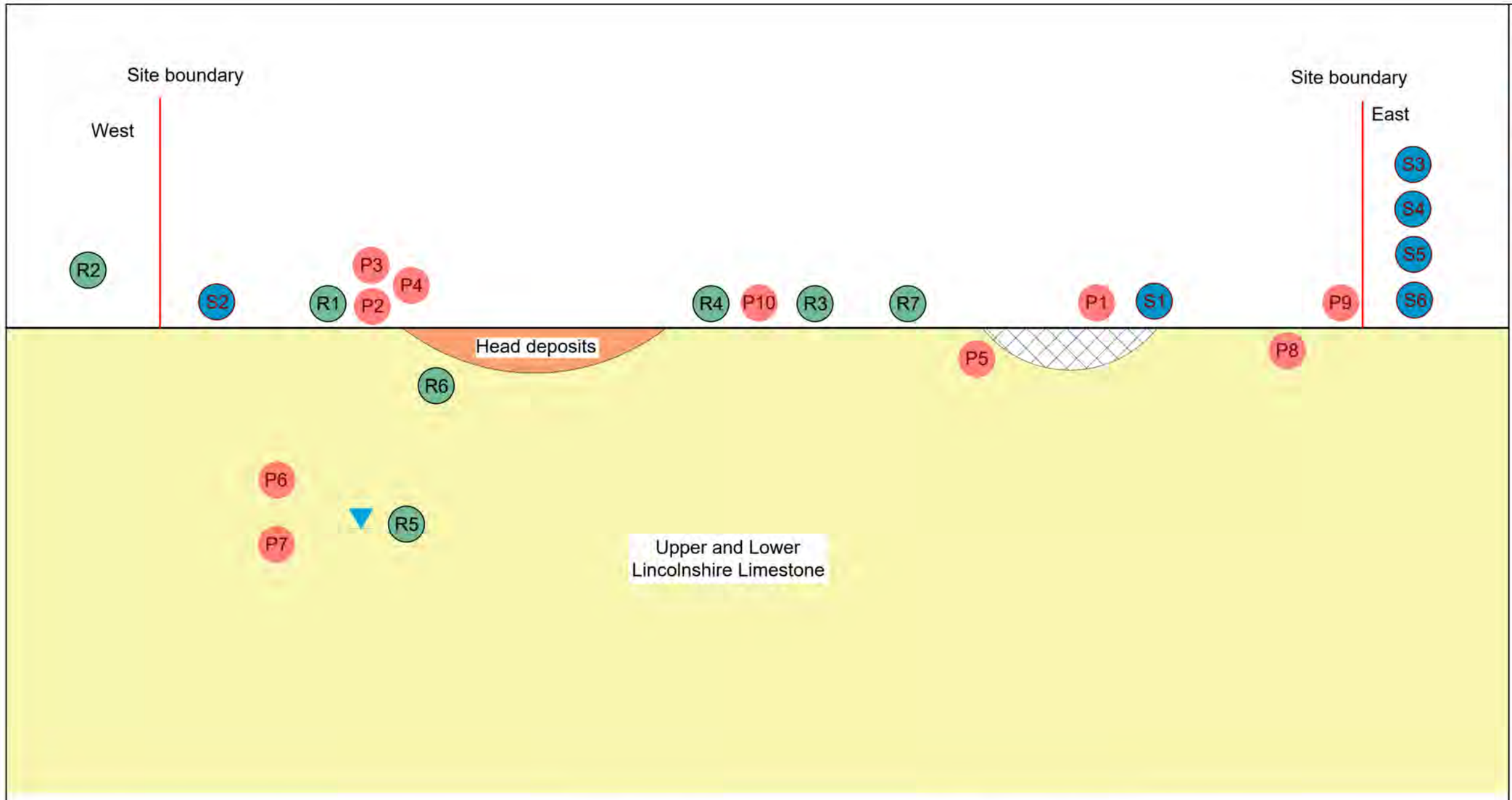
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REV 03

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Legend:

- Site boundary
- P1 Potential contamination pathway
- R1 Sensitive receptor
- S1 Potential source of contamination
- Head deposits
- Limestone bedrock
- Made ground
- Groundwater level

Potential sources of contamination

S1 On-site made ground (i.e. fill material) in ponds or excavations, or associated with farm tracks

S2 On-site historical and ongoing land use for agricultural purposes

S3 Off-site contamination associated with mineral extraction or landfilling activities at Brauncewell Quarry

S4 Off-site sewage works

S5 Off-site potential contamination associated with off-site RAF Cranwell buildings and operations (including railway/tramway)

S6 Off-site infilled former pits

Sensitive receptors

R1 Current / future site users (current agricultural workers, future site workers)

R2 Adjacent site users (residents, agricultural workers)

R3 Proposed buildings and services (i.e. foundations and potable water pipes)

R4 Vegetation

R5 Groundwater in principal aquifer within bedrock units

R6 Groundwater in secondary undifferentiated aquifer in superficial geological units (where present)

R7 Groundwater abstraction points.

Potential contaminant pathways

P1 Direct ingestion, inhalation and dermal contact with soil and soil-derived dust, and consumption of site-grown produce

P2 Vapour migration followed by indoor and/or outdoor inhalation

P3 Soil-derived dust migration followed by deposition and subsequent ingestion, inhalation, and dermal contact

P4 Asbestos fibre release followed by inhalation.

P5 Direct contact of foundations/services with contamination in soil and/or groundwater

P6 Leaching from soil followed by migration in groundwater

P7 Migration of contamination in groundwater

P8 Migration of contamination via run-off through drainage

P9 Discharge of contaminants to surface water

Rev	Date	Amendment	Drn	Chk	App
01	05.10.26	First Issue	RT	FC	FC

Windsock Solar Farm

RSK Windsock Solar Farm

TITLE:
Figure 3:
Initial Conceptual Site Model

ID:323777-HE-151-XX-D-G-15101-C01

REV 00

Annexes

Windsock
Solar Farm

ANNEX A
PROJECT-RELATED SUSTAINABILITY CONSIDERATIONS

Sustainability-related considerations relevant to the project

The following sustainability-related considerations may be relevant during later stages of this project.

Reuse and disposal of excavated materials

Reuse and disposal of excavated materials is a key issue on many development or construction projects. In accordance with the definition provided in the Waste Framework Directive (WFD), materials are only considered waste if 'they are discarded, intended to be discarded or required to be discarded, by the holder'. Naturally occurring soils are not considered waste if reused on the site of origin for the purposes of development.

Excavated materials that are not of 'clean and natural origin' (irrespective of whether they are contaminated or not), such as made ground and other anthropogenic materials, may be considered waste after excavation. This means that they cannot be reused unless 'recovered' through use of waste licensing controls, such as exemptions, or a waste recovery permit. Alternatively, in limited circumstances, the CL:AIRE Definition of Waste Code of Practice (DoWCoP; CL:AIRE, 2011)) can be applied, in specific scenarios, to support suitable reuse on or off-site using materials management plans (MMPs). Otherwise, disposal is required, typically off-site, under an appropriate landfill permit. This has important implications for the assessment, excavation, temporary storage, reuse and disposal of excavated materials.

In accordance with the waste hierarchy (Ref. Defra, 2011) and circular economy principles, there are a range of approaches to reduce the volume of waste materials created from development projects with the following order of preference:

- prevention – designing out the need for excavation and identifying during the development planning phase the potential for surplus soils to be generated during construction
- minimisation – implementing effective segregation, stockpile and materials management during construction
- reuse – assessing potential for reuse without treatment, either on or off-site
- recycling/ recovery – processing of materials to allow reuse and support waste recovery

- disposal – the last resort, either on or off-site.

The potential for the generation of waste materials through land redevelopment must therefore be considered as part of any construction activity. Reuse of excavated materials, including topsoil, subsoil, aggregates and rock, generated through the works may also offer opportunities to reduce the amount of waste created, diverting it away from landfill, resulting in a more sustainable development. The materials may have reuse potential on the site of origin or at other development sites. In some instances, generated waste materials have the potential for beneficial reuse, with some non-waste materials needing to be disposed of to landfill.

Early consideration, planning and effective implementation are all needed to maximise the reuse of materials. As well as reducing cost for off-site disposal, sustainability-related benefits include reducing the volumes of materials for transport and disposal, quality and import of virgin materials and associated carbon emissions.

Assessment of the potential for reuse materials is essential, with information on the soil quality being collected and understood as part of the intrusive investigation phases where relevant.

Soil as a resource

Soil forms an important sub-category of excavated material. Soil contains approximately three times as much carbon as the atmosphere. As well as avoiding the generation of waste, minimising the disturbance of soils on site minimises the loss of carbon during soil handling and storage. Retaining as much soil as possible without damage also reduces flooding, dust and silt management risks, nutrient retention, and supports biodiversity net gain. Soil is therefore a valuable resource in its own right, requiring careful planning at an early stage in the project lifetime to ensure that it can be successfully retained or reused. Defra has published a Code of Practice for the sustainable use of soil on construction sites (Defra, 2009). This is intended to be a practical guide to assist anyone involved in the construction industry to protect the soil resources with which they work, with a focus on England.

Site-won topsoil should, where possible, be left in situ or handled carefully to prevent damage to the soil structure. Where topsoil is to be stripped, stockpiled and re-used such activities should be undertaken during dry weather (generally June to September). Once stockpiled, topsoil should be kept dry. Significant working of topsoil whilst wet can damage the soil structure, reducing the soils' ability to drain and resulting in anaerobic rather an aerobic soil conditions.

Anaerobic soil conditions can have a negative impact on plants and their roots, which will impact the ability of plants to take root once the soil has been placed for its proposed end use. Machinery tracking over recently placed topsoil should be avoided. Should prolonged poor storage result in degradation of the soil some

treatment is likely to be required. This may include sand amelioration to improve the soil structure or the addition of composts to reduce nutrient deficiency.

Where site-won topsoil cannot be reused on site, it may then be classed as a waste and consideration should be given to the donation of this material to another construction site where a deficit of topsoil material has been calculated. This would need to be carried out under an MMP. Alternatively, to prevent a valuable resource from going to landfill, consideration could be given to donating topsoil to a Soil Treatment Facility (STF) where it can be treated, processed and reused on other sites, assuming the STF has an appropriate Environmental Permit.

Where relevant, the presence of topsoil and subsoil is considered in site investigation interpretative reports, and how it may be valuable to retain this within the development. By assessing the quality of soils at the investigation phase, together with the anticipated volumes generated from the project, the potential for reuse of excavated soils can also be considered. This may include identifying opportunities for the reuse of surplus soils and minimising the generation of materials classified as waste. Where improvements in soil quality are needed or possible, recommendations can be given to assist in the reuse of this valuable resource.

DoWCoP and MMPs

DoWCoP was developed in consultation with the Environment Agency and the development industry to enable the reuse of materials under certain scenarios subject to demonstrating that specific criteria are met. The current re-use scenarios covered by DoWCoP comprise:

- reuse on the site of origin (with or without treatment)
- direct transfer of clean and natural soils between sites
- use in the development of land other than the site of origin following treatment at an authorised Hub site (including a fixed Soil Treatment Facility).

The importation of made ground soils (irrespective of contamination status) or crushed demolition materials is not permitted under the CoP and requires either a standard rules environmental permit or a U1 waste exemption.

In the context of excavated materials used on sites undergoing development, four factors are considered to be of particular relevance in determining if the material is a waste or when it ceases to be waste:

- the aim of the Waste Framework Directive is not undermined, i.e. if the use of the material will create an unacceptable risk of pollution of the environment or harm to human health it is likely to be waste
- the material is certain to be used
- the material is suitable for use both chemically and geotechnically
- only the required quantity of material will be used.

DoWCoP requires the preparation of a MMP that confirms the above factors will be met. This plan needs to be reviewed by a 'Qualified Person' (QP) who will then issue a declaration form to the EA. As the project progresses, data must be collated and on completion a verification report produced that shows the MMP was followed and describes any changes. The MMP establishes whether specific materials are classified as waste and how excavated materials will be treated and/or re-used in line with the CoP. The MMP is likely to form part of the site waste management plan (SWMP), where applicable.

Future climate change considerations

Future global climate change has been numerically modelled by the Intergovernmental Panel on Climate Change (IPCC) to the year 2100 based on potential anthropogenic greenhouse gas emissions scenarios. The modelling output results in projections, which the Met Office has used to determine the potential impacts of climatic change for the UK. 'UKCP18' is the most up to date set of climate projections for the UK and are based on Representative Concentration Pathways (RCP) greenhouse gas emission scenarios. All scenarios project warming with RCP 8.5 being the most extreme scenario with global temperatures increasing by 4.3°C. Typically projections indicate changes will increase in magnitude with time. It is noted that RCPs have been superseded by Shared Socioeconomic Pathways (SSP) which were published by the IPCC in 2021, although the Met Office has yet to publish updated projections based on SSP data.

The Met Office defines climate change as the large-scale, long-term shift in average weather patterns and average temperatures and is assessed by averaging data over a 30-year period. The most recent reference period is 1991-2020. The UKCP18 data indicate that the UK climate is changing resulting in hotter drier summers and warmer wetter winters, with an increase in the frequency and intensity of extreme weather and significant weather events with a higher likelihood of heat waves, flash floods and droughts. Sea level is also rising.

The key pieces of legislation associated with climate change are the Climate Change Act (2008) and the Climate Change (Scotland) Act 2009. They established the Committee on Climate Change (CCC) and require a UK Climate Change Risk Assessment (CCRA) to be published every five years to assess 'the risks for the UK from the current and predicted impacts of climate change', combined with a National Adaptation Programme. The adaptation programmes place requirements on the planning regime to incorporate the effects of climate change within their decision making. This is implemented through national planning frameworks and planning policy.

The need to incorporate the predicted effects of future climate change and associated extreme weather events (EWE) into qualitative and quantitative land contamination risk assessments is set out within Land Contamination Risk

Management (LCRM) LCRM Stage 1 risk assessment (Environment Agency, 2025). BS 21365:2020 'Soil Quality: Conceptual site models for potentially contaminated sites' (BSI, 2020) includes the requirement to identify possible foreseeable events that could affect contaminant impacts or create new exposure pathways including potential for flooding (rivers, sea, groundwater), rising groundwater or seawater levels, extreme weather conditions and change of use. While there is currently no statutory guidance detailing how the effects of future climate change should be considered within land contamination assessments, several industry-led publications have been produced which provide details on how this can be incorporated, including:

- CIRIA, April 2026. Good practice guide for managing climate change and extreme weather–related impacts on geo-based risks and liabilities for land developments.
- SoBRA, February 2026. Guidance on Assessing Risk to Controlled Waters from UK Land Contamination Under Conditions of Future Climate Change" version 2.0.
- NHBC, 2023. NF94: Hazardous ground gas – an essential guide for housebuilders.
- CL:AIRE, October 2021. Good Practice for Risk Assessment for Coal Mine Gas Emissions (CL:AIRE, 2021a)
- CL:AIRE, March 2007. Climate Change, Pollutant Linkage and Brownfield Regeneration.

Climate change-related impacts on the CSM and land contamination risk assessment are considered at each stage of the site assessment as per LCRM.

Climate change and EWE also have substantial implications for future geotechnical ground conditions, influencing the stability and durability of geotechnical structures, such as foundations, retaining walls, slopes and pavements to mention but a few. Therefore climate change will significantly impact the design of land development projects going forward over their lifecycle and beyond. Furthermore, climate change will significantly impact the future performance of existing land development projects that have not been designed taking into account these issues. Relevant standards and guidance are referred to in the relevant sections of the report.

ANNEX B
PROPOSED DEVELOPMENT LAYOUT

Legend :

- Site boundary
- Solar fence
- Existing roads
- Potential area for Solar PV development and/or mitigation and enhancement
- Potential area for Solar PV development, Substation and/or BESS and/or mitigation and enhancement
- Potential area for mitigation and enhancement

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Royal Air Force College Cranwell

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CRS: EPSG:27700
Projection: Transverse Mercator
Ellipsoid: OSGB 1936
Units: meters

Location Plan: Not to scale

Rev	Date	Description	Drn	Chk	App
08	13/10/2026	RLB Update	IR	HH	HH

Windsock Solar Farm

SLR Windsock Solar Farm

TITLE:

Appendix B:
Figure 1: Proposed Development concept masterplan

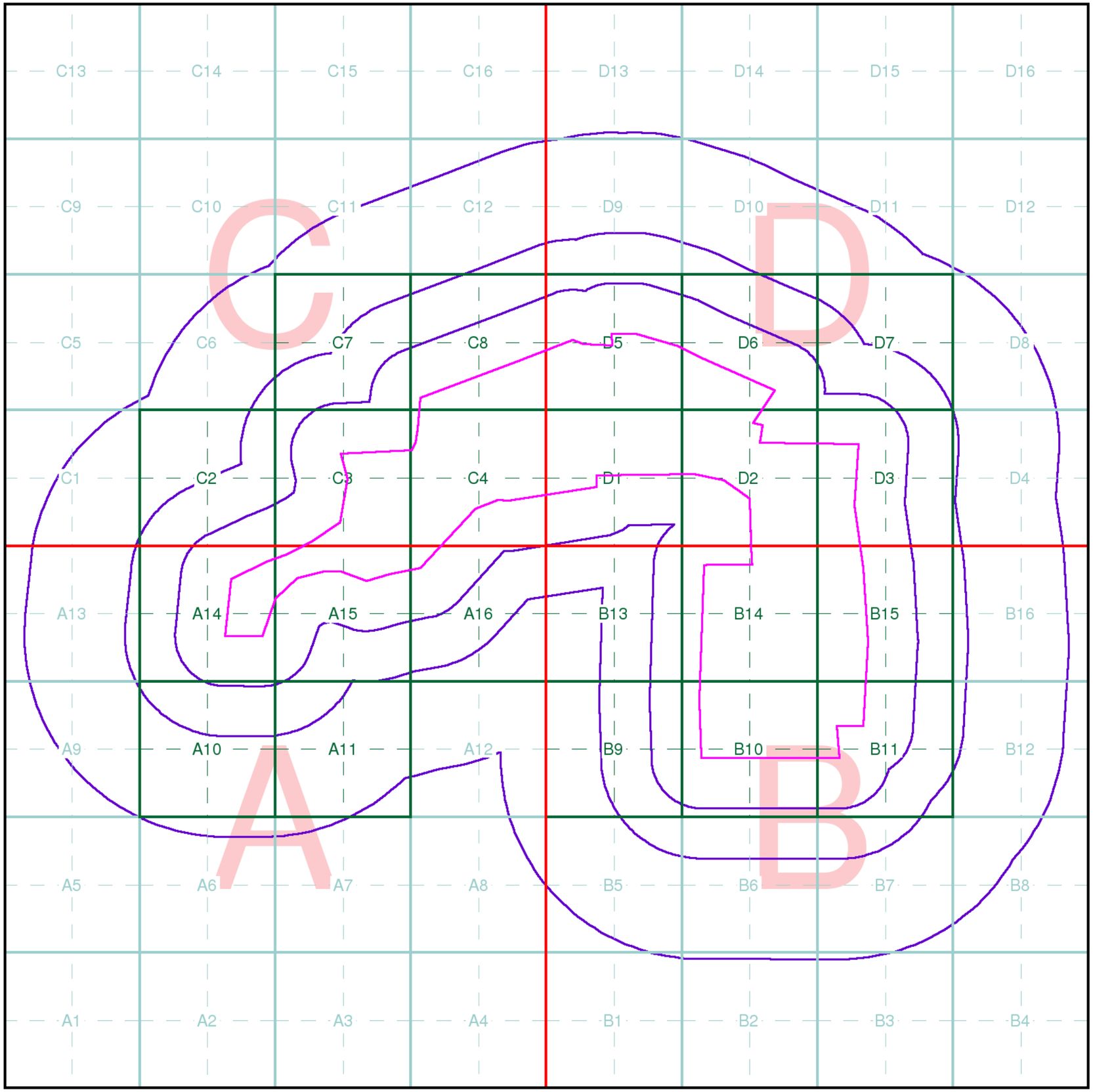
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ANNEX C
ENVIRONMENTAL DATABASE SEARCH REPORT



Envirocheck®

LANDMARK INFORMATION GROUP®

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

Mr E Gray-Stephens, RSK Environment Ltd, 9 Mountain View, Helsby, Chesire, WA6 0BD

Order Details

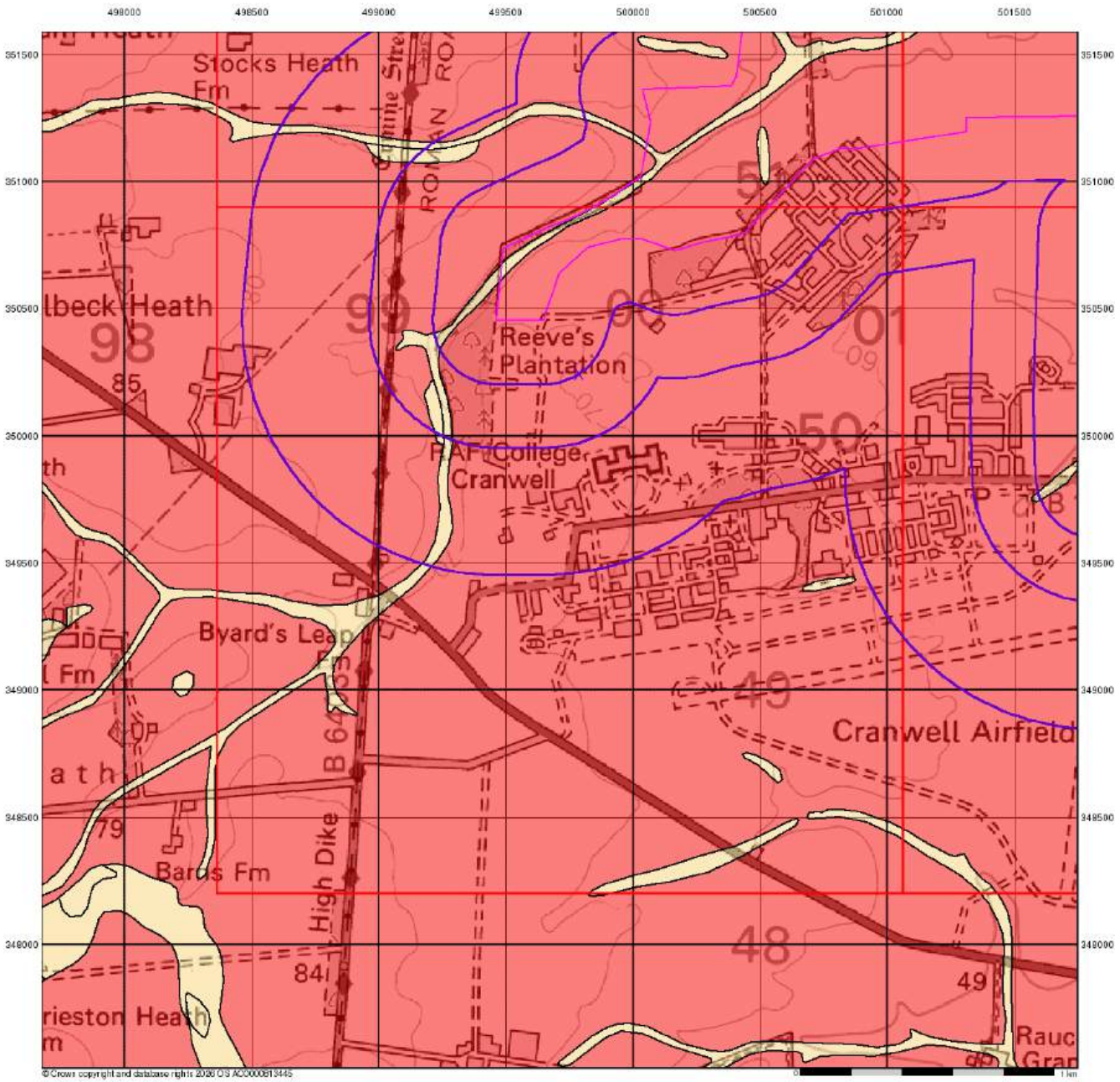
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	501500, 351020
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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

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Groundwater Vulnerability

General

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

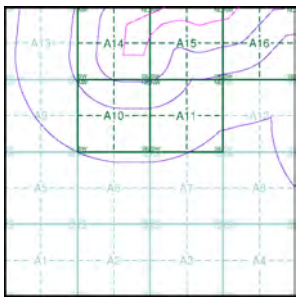
Agency and Hydrological

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

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice A



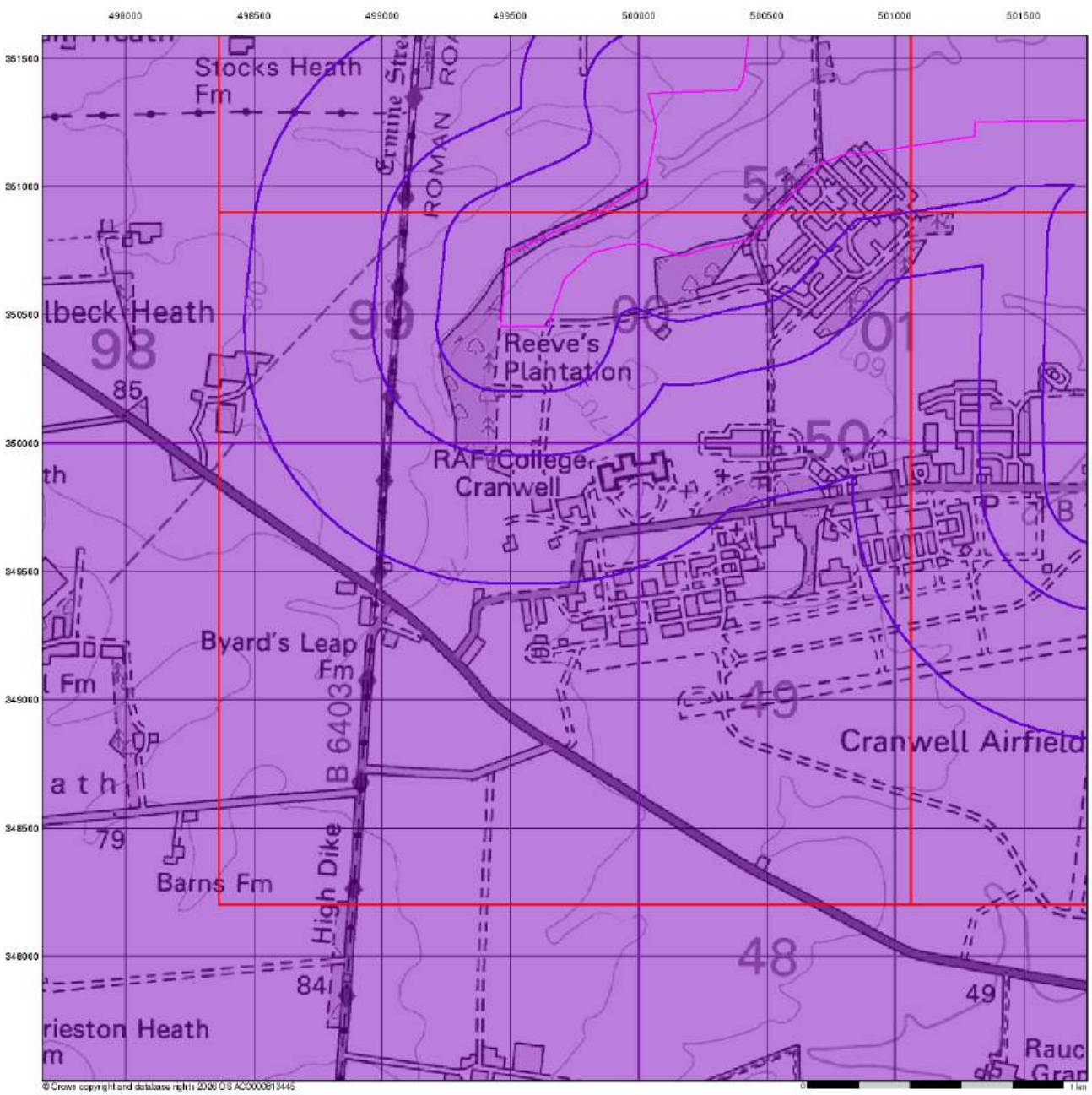
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Bedrock Aquifer Designation

General

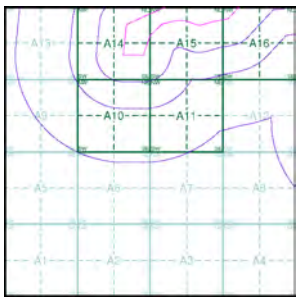
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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



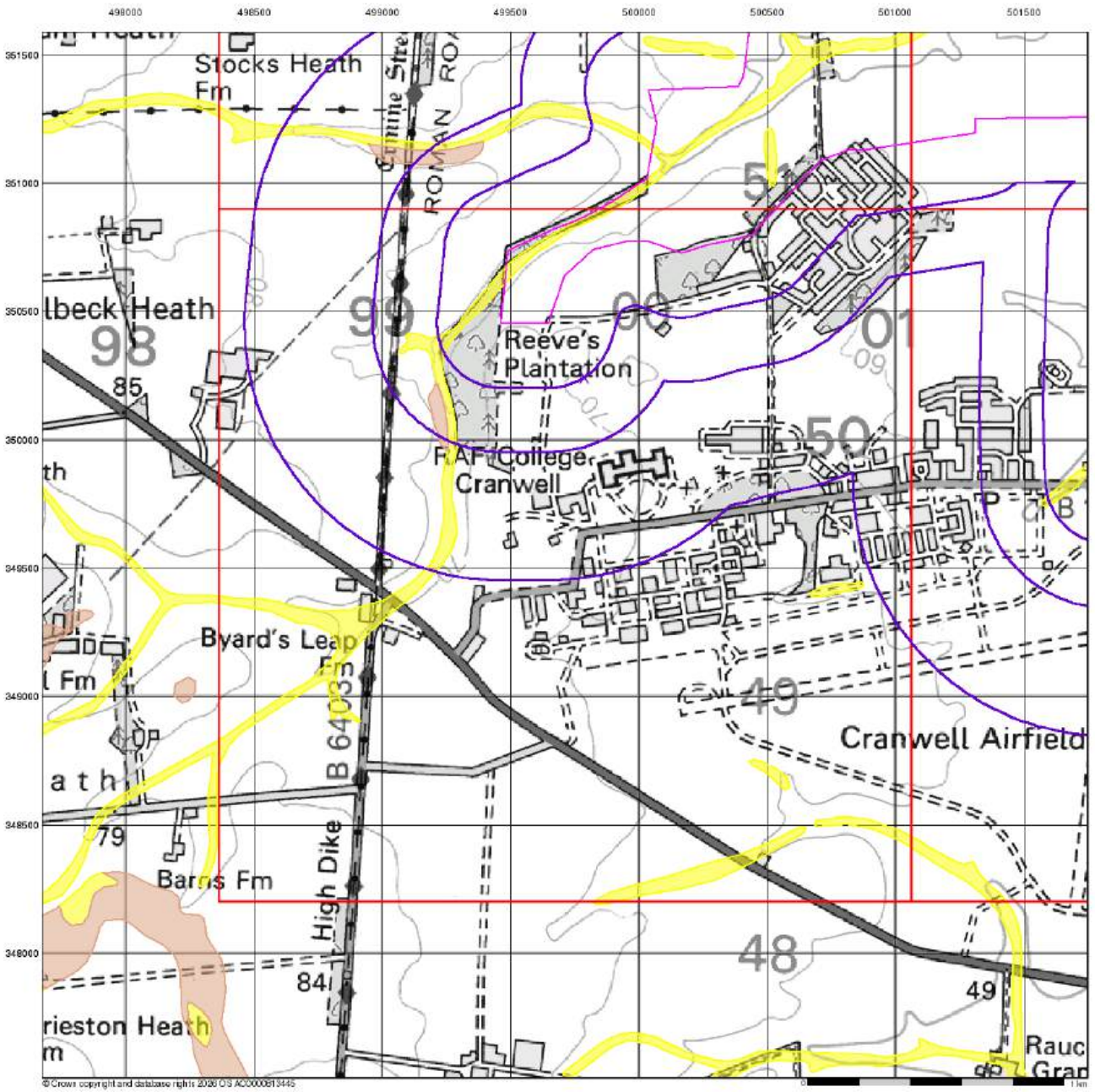
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Superficial Aquifer Designation

General

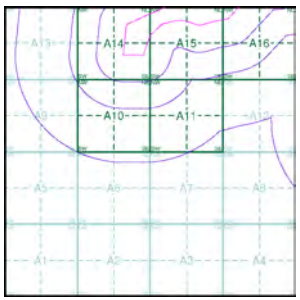
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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

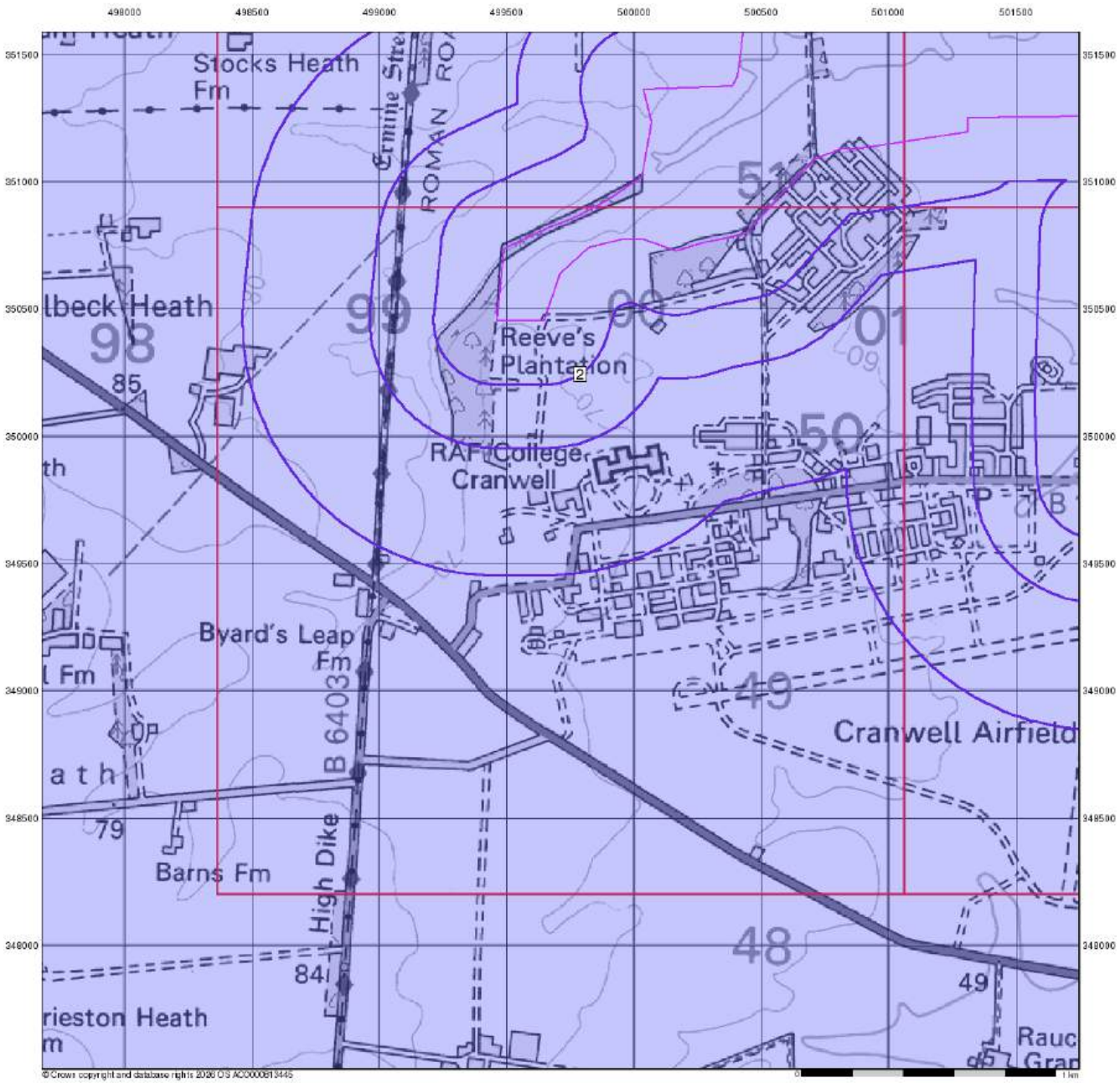


Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Source Protection Zones

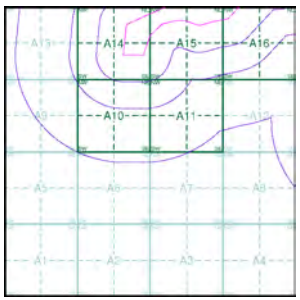
General

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 A



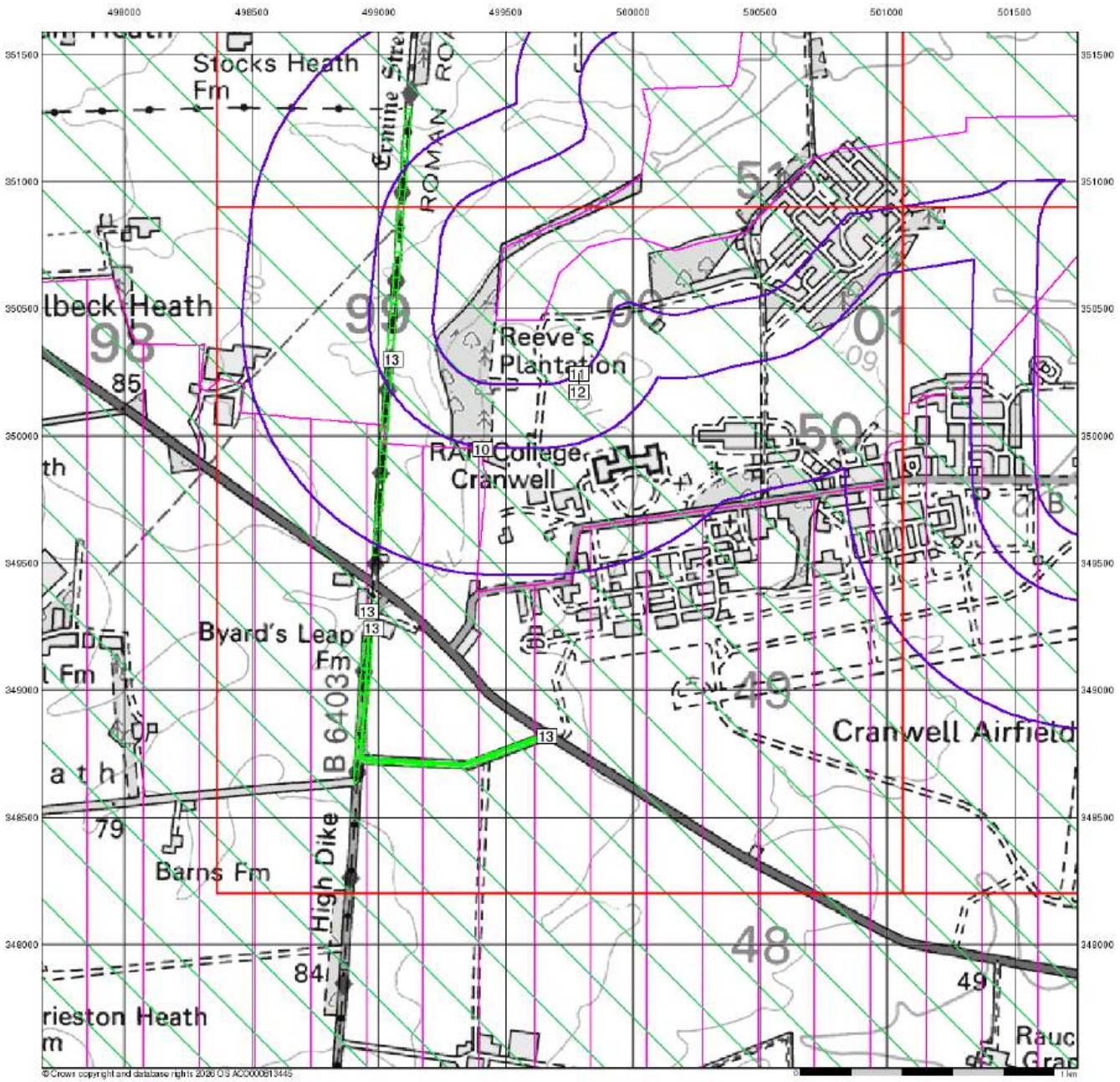
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Sensitive Land Uses

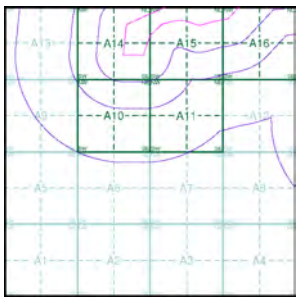
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A

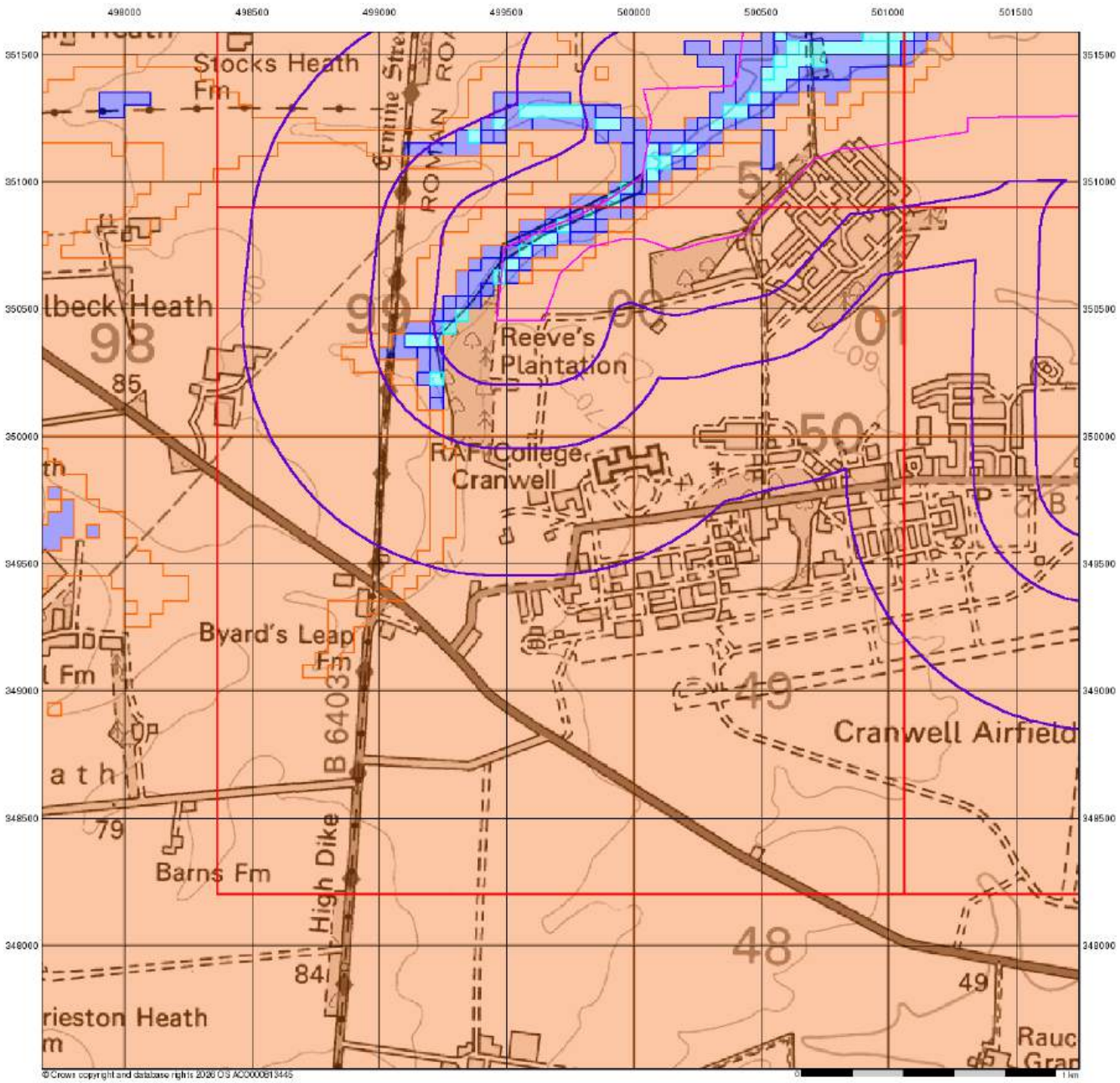


Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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BGS Flood GFS Data

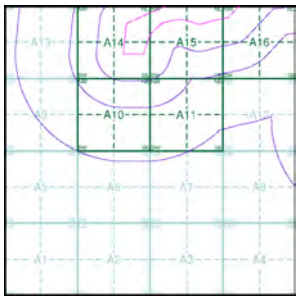
General

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:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
406246422_1_1

Customer Reference:
323777

National Grid Reference:
499790, 350240

Slice:
A

Site Area (Ha):
259.07

Search Buffer (m):
1000

Site Details:

1, Laburnum Road
Cranwell
Sleaford
NG34 8EH

Client Details:

[redacted]
RSK Environment Ltd
9 Mountain View
Helsby
Chesire
WA6 0BD

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Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	14
Hazardous Substances	-
Geological	15
Industrial Land Use	19
Sensitive Land Use	20
Data Currency	21
Data Suppliers	27
Useful Contacts	28

Introduction

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

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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England. The probability result is only valid for properties above ground. All basement and cellar areas are considered to be at additional risk from high radon levels. If an underground room such as a cellar or basement makes up part of the living or working accommodation, the property should be tested regardless of Radon Affected Area status.

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 7				2
Prosecutions					
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					
Pollution Incidents to Controlled Waters					
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register					
Water Abstractions	pg 8				(*2)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 8	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 12	6	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 13	Yes	n/a	n/a	n/a
Source Protection Zones	pg 13	1			
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS NGD Water Network Links					
Water Framework Directive - Catchment	pg 13	Yes			
Water Framework Directive - Groundwater	pg 13	Yes			
Water Framework Directive - Surface Waters					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage		2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 14		1	2	
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Waste Exemption Permits					
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	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 15	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 15	Yes		Yes	
BGS Recorded Mineral Sites	pg 15		1	2	
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 16	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 16	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 17	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 17	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 17	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 17	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	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	pg 19			2	
Pollution Inventory					
Underground Electrical Cables					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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	pg 20	1			
Nitrate Vulnerable Zones	pg 20	2			
Ramsar Sites					
Sites of Special Scientific Interest	pg 20			1	
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	A11NW (SE)	0	1	500000 350000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	500500 351350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500600 351350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	500500 351400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500650 351400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500850 351400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500400 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	500450 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500500 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500550 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500650 351350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	500550 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500600 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	500900 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	501000 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	501100 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	501150 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500550 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	500600 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	501000 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	501050 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	501100 351500

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	(NE)	0	1	500550 351450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (NW)	0	1	499788 350245
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (E)	0	1	500000 350245
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	500700 351450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	501050 351450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	0	1	499750 350850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15NW (N)	0	1	499800 350850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	0	1	499850 350850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	0	1	499950 350850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	0	1	500000 350850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	500050 351000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	500100 351000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (NW)	0	1	499450 350600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	500150 351000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500200 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	500300 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500350 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500400 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	500500 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	499900 350950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	499950 350950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	500000 350950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	500050 350950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (NW)	0	1	499550 350750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (N)	0	1	499600 350750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NE (N)	0	1	499700 350750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	0	1	499750 350750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	0	1	499788 350750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	0	1	499850 350750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NE (NW)	0	1	499550 350650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	0	1	499788 350900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15NW (N)	0	1	499900 350900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	0	1	499950 350900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	0	1	500000 350900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NE (N)	0	1	500050 350900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	500200 351100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500250 351100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	500300 351100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	500050 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (NW)	0	1	499500 350700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (NW)	0	1	499550 350700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NE (N)	0	1	499600 350700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (N)	0	1	499650 350700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (N)	0	1	499700 350700

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	(N)	0	1	500050 351100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	500100 351100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	500150 351100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NE (NW)	0	1	499500 350600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (NW)	0	1	499550 350600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NE (NW)	0	1	499600 350600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (NW)	0	1	499600 350650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	0	1	499788 350650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (N)	0	1	499650 350800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (N)	0	1	499700 350800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15NW (N)	0	1	499750 350800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	0	1	499788 350800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	0	1	499850 350800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	0	1	499900 350800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500200 351050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	500250 351050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500500 351050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500300 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	500350 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500450 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500500 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	500050 351050

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	(N)	0	1	500100 351050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500150 351050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	500050 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	500200 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	500350 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	500100 350950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	3	1	499950 351000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (NW)	10	1	499300 350550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	14	1	500000 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (NW)	22	1	499450 350550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	38	1	499950 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	55	1	499900 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (NW)	67	1	499400 350500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (NW)	82	1	499400 350650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	101	1	499850 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (NW)	112	1	499350 350450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	113	1	499850 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (NW)	116	1	499350 350500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (NW)	121	1	499350 350550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	144	1	499850 351400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10NW (W)	145	1	499200 350100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	153	1	499850 351150

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	A14SW (W)	162	1	499300 350400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (NW)	162	1	499300 350450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (NW)	166	1	499300 350500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	198	1	499800 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (W)	212	1	499250 350400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (W)	212	1	499250 350450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (W)	219	1	499250 350350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (W)	236	1	499250 350250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	246	1	499788 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	258	1	499788 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (W)	262	1	499200 350400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (W)	268	1	499200 350350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (W)	282	1	499200 350250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	289	1	499500 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (W)	294	1	499250 350245
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	323	1	499400 351050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (W)	329	1	499150 350300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NW (W)	331	1	499250 350200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (W)	332	1	499200 350245
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10NW (W)	365	1	499200 350200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	369	1	499400 351100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NW (W)	370	1	499250 350150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	371	1	499500 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	379	1	499600 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	392	1	499450 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10NW (W)	412	1	499250 350100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	412	1	499300 351100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	414	1	499400 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	416	1	499500 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	438	1	499450 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NW (S)	453	1	499788 350000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	466	1	499200 351100
1	**Discharge Consents** Operator: Severn Trent Services Defence Limited Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Raf Cranwell, Cranwell, Sleaford, Ng34 8hb Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Cdnlf 001 Permit Version: 2 Effective Date: 14th December 2011 Issued Date: 14th December 2011 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	A10SE (S)	743	2	499630 349710
1	**Discharge Consents** Operator: Dws(Usf) Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Raf Cranwell, Cranwell, Sleaford, Ng34 8hb Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Cdnlf 001 Permit Version: 1 Effective Date: 27th February 1990 Issued Date: 27th February 1990 Revocation Date: 13th December 2011 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	A10SE (S)	743	2	499630 349710
	Nearest Surface Water Feature None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: W S Sharpe & Son Licence Number: 4/30/11/*G/0029 Permit Version: 100 Location: Byards Leap Farm Well Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Central Lincolnshire Limestone; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NW (SW)	1272	2	499050 349250
	Water Abstractions Operator: Irelands Farms Limited Licence Number: 4/30/11/*g/080 Permit Version: Not Supplied Location: Rylands Grange Bore, FULBECK Authority: Environment Agency, Anglian Region Abstraction: Domestic & Agriculture Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 3 Yearly Rate (m3): 13640 Details: Central Lincolnshire Limestone; 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	(W)	1325	2	498150 350650
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A14NE (NW)	0	2	499440 350566
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NE)	0	2	500513 350993

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: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(N)	0	2	500000 350960
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NE)	0	2	500511 351000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(N)	0	2	500009 351000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NE)	0	2	501000 351532

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A14NE (NW)	0	2	499388 350564
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A15SW (NW)	0	2	499788 350245
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A15SW (E)	0	2	500000 350245
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(N)	0	2	500000 350994

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A16SE (E)	0	2	501000 350245
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(N)	0	2	500097 351114
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(N)	0	2	500057 351000
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(N)	0	2	500000 351000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NE)	0	2	501000 351571
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NE)	0	2	501000 351000
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A12NE (E)	0	2	501000 350000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	A15SW (NW)	0	2	499788 350245
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	A15SW (E)	0	2	500000 350245
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	A16SE (E)	0	2	501000 350245
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	(N)	0	2	500000 351000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	(NE)	0	2	501000 351000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	A12NE (E)	0	2	501000 350000
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A15SW (E)	0	2	500000 350245
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A11NW (SE)	0	2	500000 350000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A15SW (NW)	0	2	499788 350245
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NE)	0	2	500513 350993
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A14NE (NW)	0	2	499440 350566
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(N)	0	2	500000 350960
2	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A15SW (NW)	0	2	499788 350245
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
	OS NGD Water Network Links None				
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Ruskington Beck WaterBody ID: GB105030056700 Operational Catchment: Witham Lower Management Catchment: Witham Catchment Name: Witham	A15SW (NW)	0	2	499788 350245
	Water Framework Directive - Groundwater Waterbody Name: Witham Limestone Unit A Waterbody ID: GB40501G444800 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40501G444800 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Poor Year: 2019	A15SW (NW)	0	2	499788 350245

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: North Kesteven District Council - Had landfill data but passed it to the relevant environment agency		0	3	499788 350245
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	4	499788 350245
	Local Authority Landfill Coverage Name: South Kesteven District Council - Has supplied landfill data		408	5	499042 350303
3	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A15SW (N)	121	-	499785 350480
4	**Potentially Infilled Land (Non-Water)** Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	A15SE (NE)	253	-	500078 350489
5	**Potentially Infilled Land (Non-Water)** Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A14NW (NW)	350	-	499133 350775

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Inferior Oolite Group	A15SW (NW)	0	1	499788 350245
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A16SE (E)	0	1	501000 350245
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A15SW (NW)	0	1	499788 350245
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NW (SW)	486	1	499289 350000
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NW (SW)	499	1	499255 350000
6	**BGS Recorded Mineral Sites** Site Name: Lord Bristol'S Plantation Stone Pit Location: Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136057 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A15SW (N)	131	1	499793 350473
7	**BGS Recorded Mineral Sites** Site Name: Lord Bristol'S Plantation Stone Pit Location: Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136058 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	257	1	500083 350483

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**BGS Recorded Mineral Sites** Site Name: Lord Bristol'S Plantation Stone Pit Location: Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136056 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A14NW (NW)	383	1	499115 350811
	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	A15SW (NW)	0	1	499788 350245
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	500000 350000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15SW (E)	0	1	500000 350245
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	500000 350000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15SW (E)	0	1	500000 350245
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15SW (NW)	0	1	499788 350245
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15NW (N)	0	1	499811 350603
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15SW (E)	0	1	500000 350245
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	500000 350000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15SW (NW)	0	1	499788 350245
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14NE (NW)	0	1	499440 350566
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15NW (NE)	0	1	500000 350712
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NW (W)	87	1	499184 350173
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10NW (W)	136	1	499271 350143

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A14NE (NW)	0	1	499469 350597
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15SW (NW)	0	1	499788 350245
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	500000 350000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15SW (E)	0	1	500000 350245
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15SW (NW)	0	1	499788 350245
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14NE (NW)	0	1	499388 350564
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14NE (NW)	0	1	499440 350566
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15SW (E)	0	1	500000 350245
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	500000 350000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15SW (NW)	0	1	499788 350245
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15SW (E)	0	1	500000 350245
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	500000 350000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14NE (NW)	0	1	499440 350566
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14SW (NW)	5	1	499315 350537
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A15SW (NW)	0	1	499788 350245
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A15SW (E)	0	1	500000 350245
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	500025 350000
	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	A16SE (E)	0	1	501025 350245
	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	A15SW (NW)	0	1	499788 350245

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A15SW (E)	0	1	500000 350245
	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	A11NW (SE)	0	1	500025 350000
	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	A16SE (E)	0	1	501025 350245

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A16NW (NE)	268	6	500669 350651
9	**Points of Interest - Recreational and Environmental** Name: Playground Location: Nr York Road, NG34 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A16NW (NE)	268	6	500669 350651

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**Nitrate Sensitive Areas** Name: Sleaford Multiple Area: N Area (m2): 50999746.49 Source: Natural England	A10NE (SW)	0	7	499410 349947
11	**Nitrate Vulnerable Zones** Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	A15SW (NW)	0	2	499788 350245
12	**Nitrate Vulnerable Zones** Name: Lincolnshire Limestone Description: Groundwater Source: Environment Agency, Head Office	A15SW (NW)	0	2	499788 350245
13	**Sites of Special Scientific Interest** Name: High Dyke Multiple Areas: Y Total Area (m2): 67679.08 Source: Natural England Reference: 1003812 Designation Details: Site Of Special Scientific Interest Designation Date: 1st May 1986 Date Type: Notified	A14SW (W)	395	7	499055 350299

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
South Kesteven District Council - Environmental Health	December 2025	Annual Rolling Update
Environment Agency - Head Office	November 2023	Annually
North Kesteven District Council - Environmental Health Department	October 2025	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2026	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 2026	Bi-Annually
Local Authority Integrated Pollution Prevention And Control		
North Kesteven District Council - Environmental Health Department	April 2025	Variable
South Kesteven District Council - Environmental Health	January 2025	Variable
Local Authority Pollution Prevention and Controls		
North Kesteven District Council - Environmental Health Department	April 2025	Annual Rolling Update
South Kesteven District Council - Environmental Health	January 2025	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
South Kesteven District Council - Environmental Health	January 2025	Variable
North Kesteven District Council - Environmental Health Department	June 2025	Variable
Nearest Surface Water Feature		
Ordnance Survey	April 2026	
Pollution Incidents to Controlled Waters		
Environment Agency - Anglian Region	September 1999	
Historical Prosecutions		
Environment Agency, Anglian Region	March 2013	Not Applicable
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2026	Quarterly
Environment Agency - Head Office	May 2023	
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	April 2026	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	April 2026	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	As notified
Superficial Aquifer Designations		
Environment Agency - Head Office	January 2018	As notified
Source Protection Zones		
Environment Agency - Head Office	August 2025	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	December 2023	As notified
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	December 2023	As notified

Data Currency

Agency & Hydrological	Version	Update Cycle
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	April 2026	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS NGD Water Network Links Ordnance Survey	April 2026	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
Water Framework Directive - Catchment Environment Agency - Head Office	July 2025	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2025	Annually

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	November 2025	Bi-Annually
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	November 2025	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2026	Bi-Annually
Local Authority Landfill Coverage		
Lincolnshire County Council	February 2003	Not Applicable
North Kesteven District Council - Environmental Health Department	February 2003	Not Applicable
South Kesteven District Council - Environmental Health	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Lincolnshire County Council	October 2018	
North Kesteven District Council - Environmental Health Department	October 2018	
South Kesteven District Council - Environmental Health	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	June 2015	
Waste Exemption Permits		
Natural Resources Wales	June 2026	Quarterly
Environment Agency - Head Office	May 2025	Quarterly
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	March 2026	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
South Kesteven District Council	August 2023	Variable
Lincolnshire County Council - Highways and Planning Department	January 2023	Variable
North Kesteven District Council - Planning Department	May 2023	Variable
Planning Hazardous Substance Consents		
North Kesteven District Council - Planning Department	August 2022	Variable
Lincolnshire County Council - Highways and Planning Department	January 2023	Variable
South Kesteven District Council	October 2022	Variable

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	February 2026	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	February 2023	
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	June 2021	As notified
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	November 2025	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2025	Annually

Data Currency

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2026	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	May 2026	Quarterly
Points of Interest - Commercial Services PointX	June 2026	Quarterly
Points of Interest - Education and Health PointX	June 2026	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2026	Quarterly
Points of Interest - Public Infrastructure PointX	June 2026	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2026	Quarterly
Pollution Inventory Environment Agency - Head Office	February 2026	Annually
Underground Electrical Cables National Grid	January 2024	

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	March 2026	Bi-Annually
Areas of Adopted Green Belt		
North Kesteven District Council	March 2026	Quarterly
South Kesteven District Council	March 2026	Quarterly
Areas of Unadopted Green Belt		
North Kesteven District Council	March 2026	Quarterly
South Kesteven District Council	March 2026	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	April 2026	Bi-Annually
Environmentally Sensitive Areas		
Natural England	August 2023	
Forest Parks		
Forestry Commission	May 2023	Not Applicable
Local Nature Reserves		
Natural England	January 2026	Bi-Annually
Marine Nature Reserves		
Natural England	February 2026	Bi-Annually
National Nature Reserves		
Natural England	June 2026	Bi-Annually
National Parks		
Natural England	September 2025	Annually
Nitrate Sensitive Areas		
Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	February 2026	Annually
Ramsar Sites		
Natural England	February 2026	Bi-Annually
Sites of Special Scientific Interest		
Natural England	April 2026	Bi-Annually
Special Areas of Conservation		
Natural England	June 2026	Bi-Annually
Special Protection Areas		
Natural England	May 2026	Bi-Annually

Data Suppliers

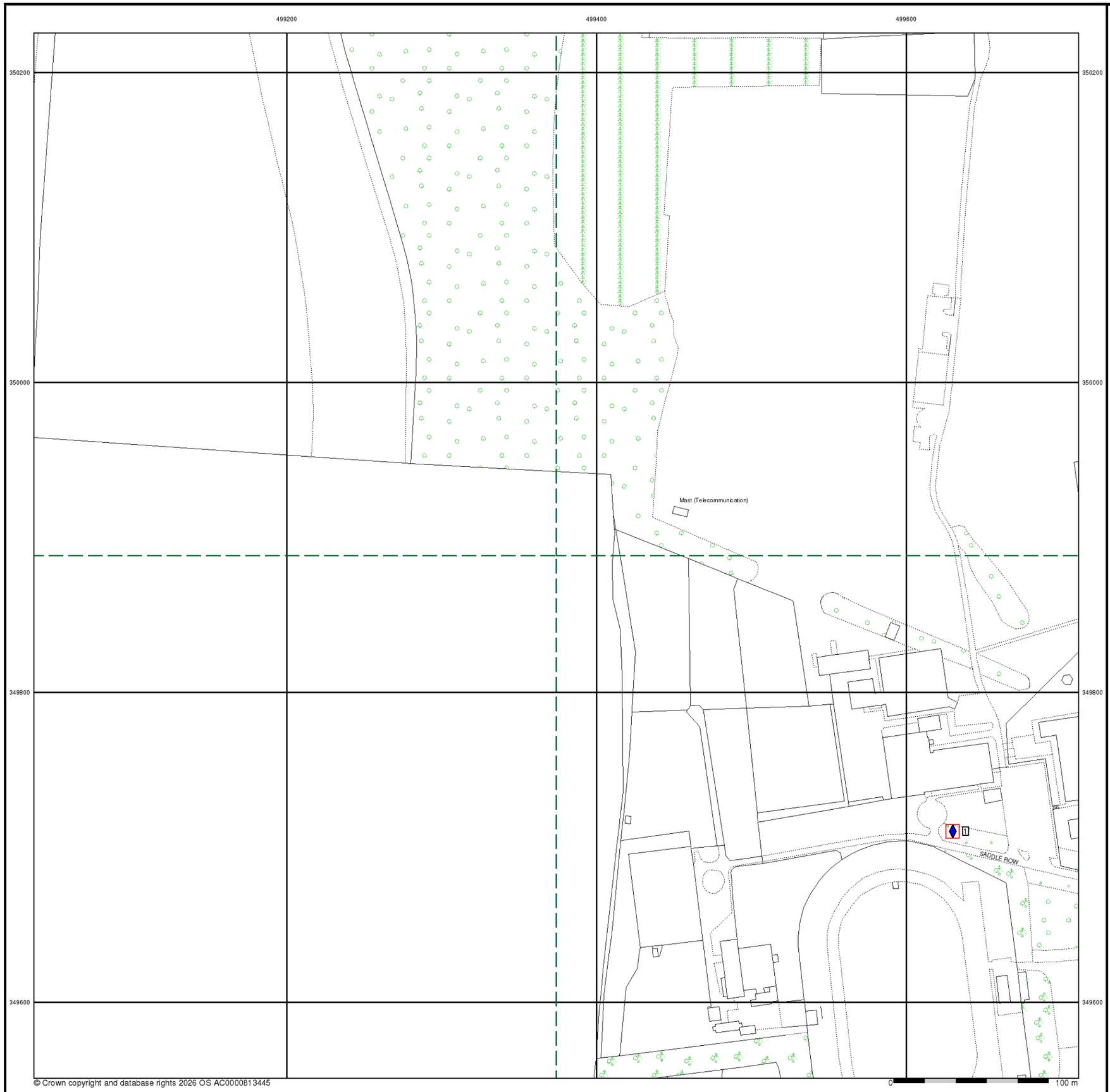
A selection of organisations who provide data within this report

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	**North Kesteven District Council - Environmental Health Department** District Council Offices, Kesteven Street, Sleaford, Lincolnshire, NG34 7EF	Telephone: 01529 414155 Fax: 01529 413956 Website: www.n-kesteven.gov.uk
4	**Lincolnshire County Council** 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
5	**South Kesteven District Council - Environmental Health** Council Offices, St Peters Hill, Grantham, Lincolnshire, NG31 6PZ	Website: www.southkesteven.gov.uk
6	**PointX** 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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



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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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

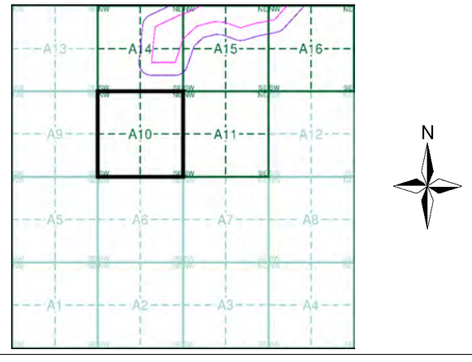
Geological

- 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
- Licenced Waste Management Facility (Landfill Boundary)
- Licenced 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
- Waste Exemption Permits

Site Sensitivity Map - Segment A10



Order Details

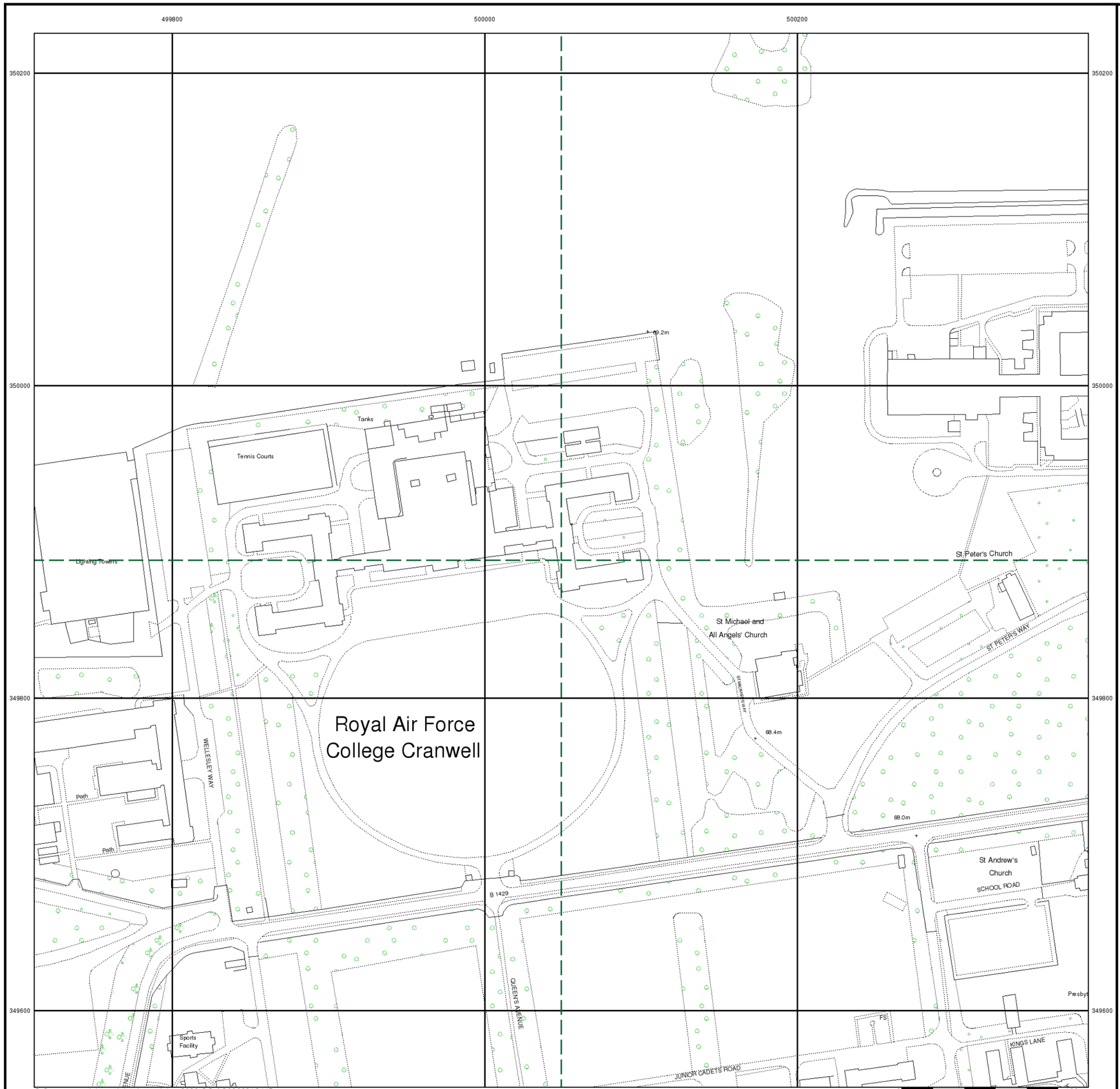
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

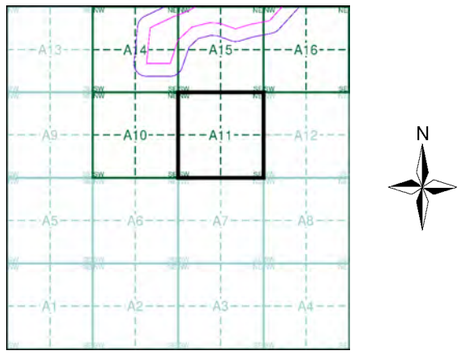
Geological

- 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
- Licenced Waste Management Facility (Landfill Boundary)
- Licenced 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
- Waste Exemption Permits

Site Sensitivity Map - Segment A11



Order Details

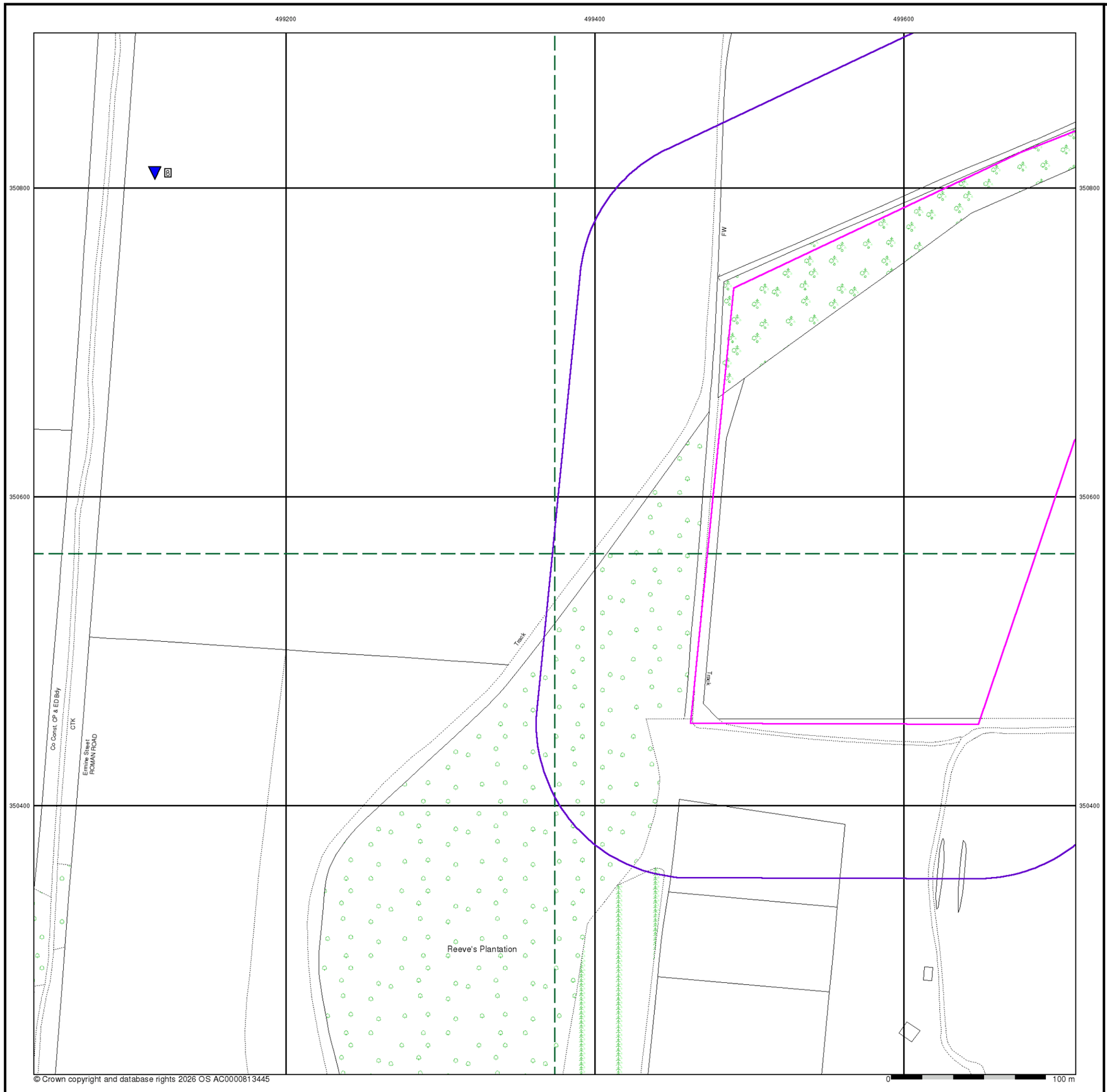
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

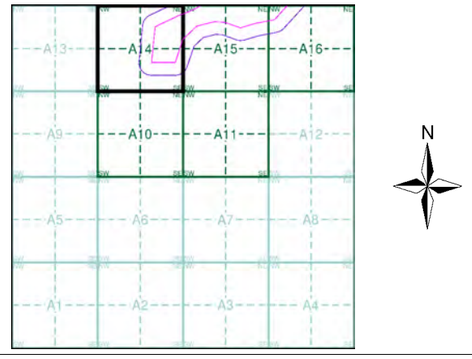
Geological

- 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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- Licenced Waste Management Facility (Landfill Boundary)
- Licenced 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
- Waste Exemption Permits

Site Sensitivity Map - Segment A14



Order Details

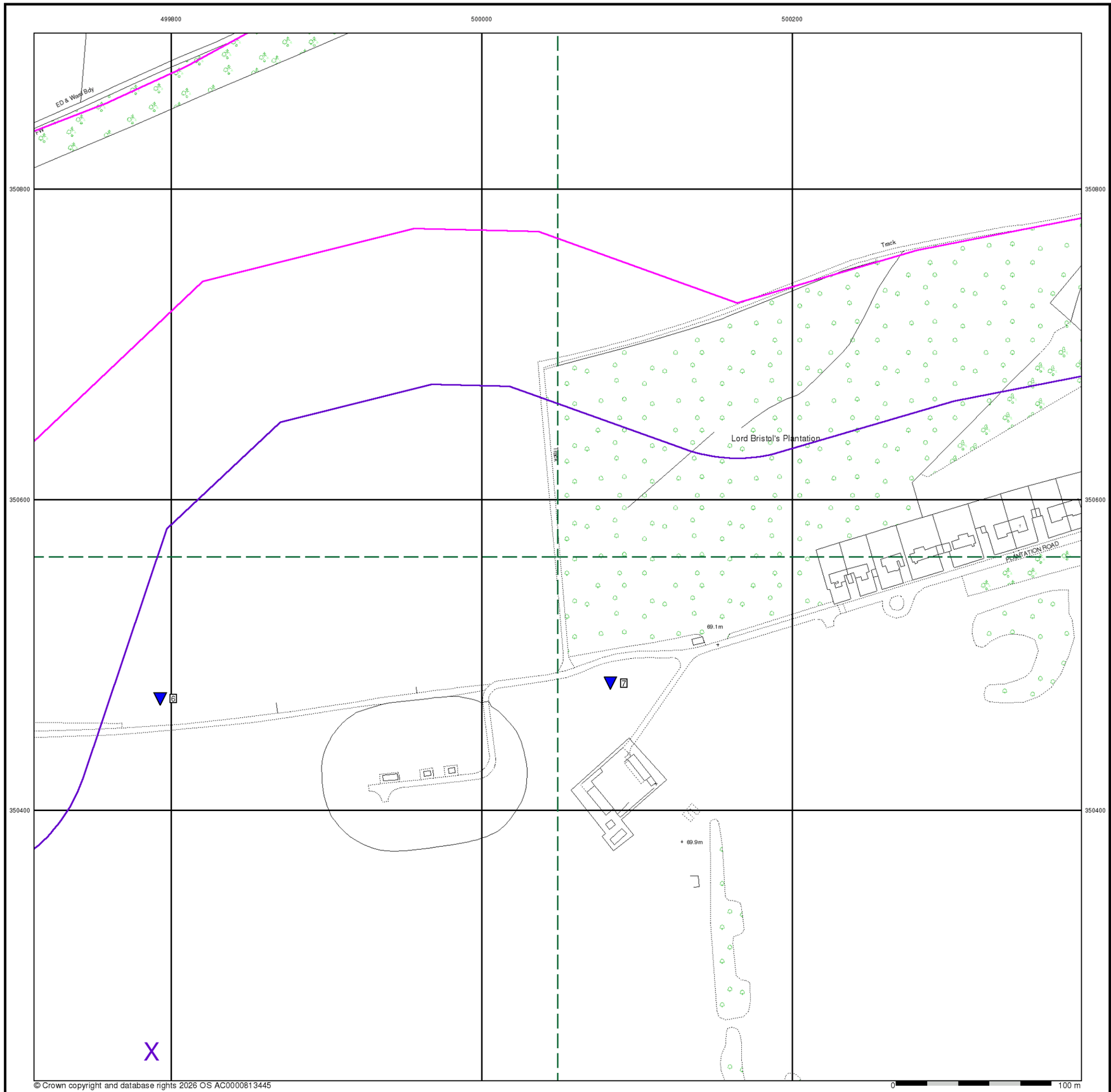
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

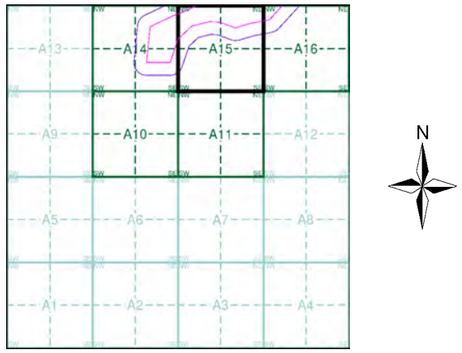
Geological

- 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
- Licenced Waste Management Facility (Landfill Boundary)
- Licenced 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
- Waste Exemption Permits

Site Sensitivity Map - Segment A15



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

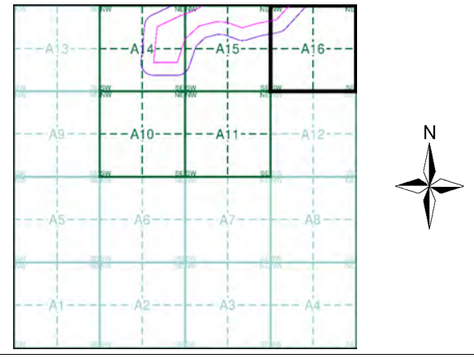
Geological

- 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
- Licenced Waste Management Facility (Landfill Boundary)
- Licenced Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- 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
- Waste Exemption Permits

Site Sensitivity Map - Segment A16



Order Details

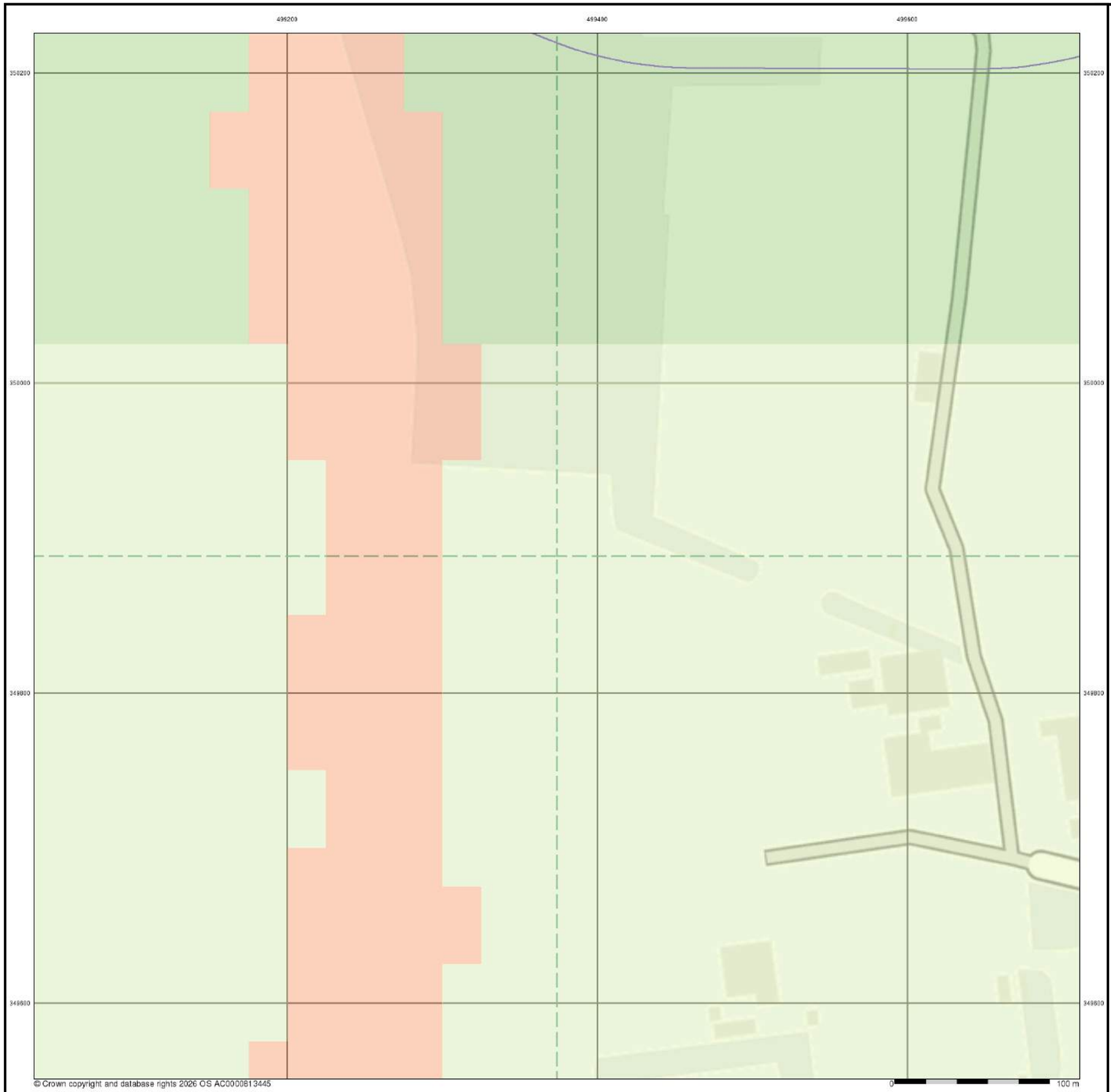
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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Radon Affected Areas and Protection Measures

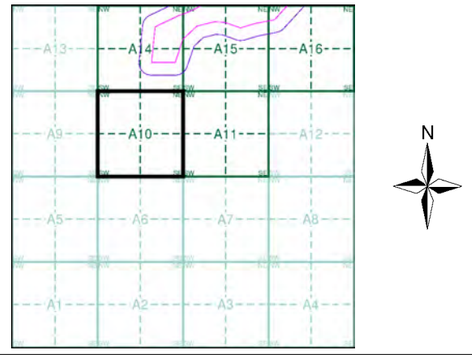
General

Specified Site Specified Buffer(s) X Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment A10



Order Details

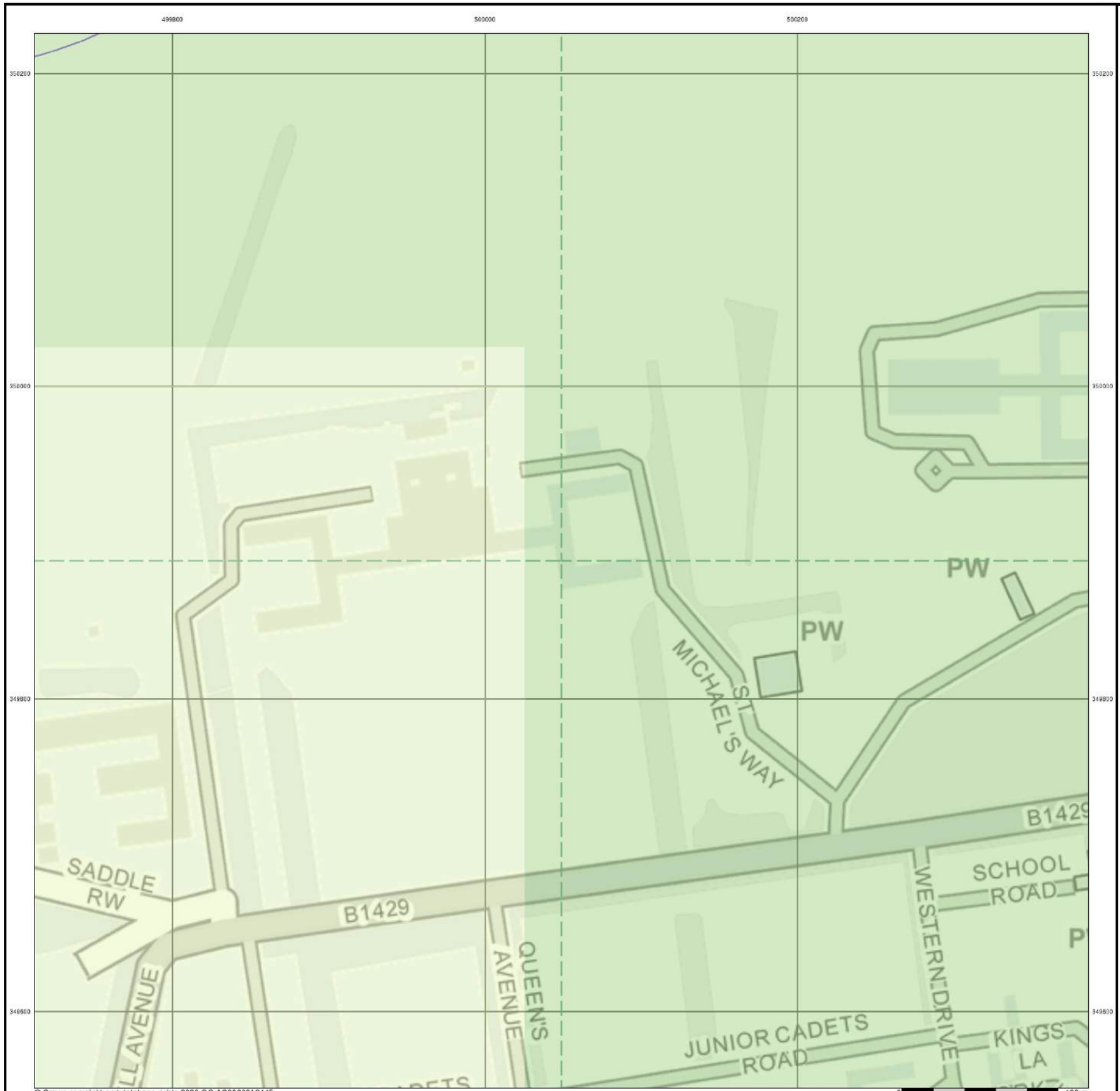
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

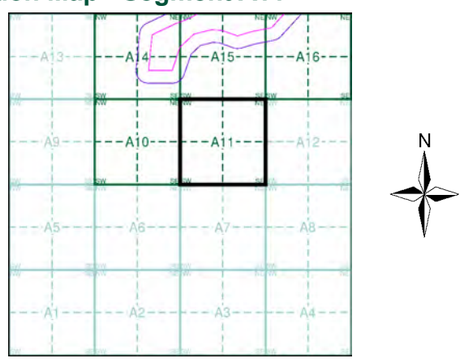
General

Specified Site Specified Buffer(s) X Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment A11



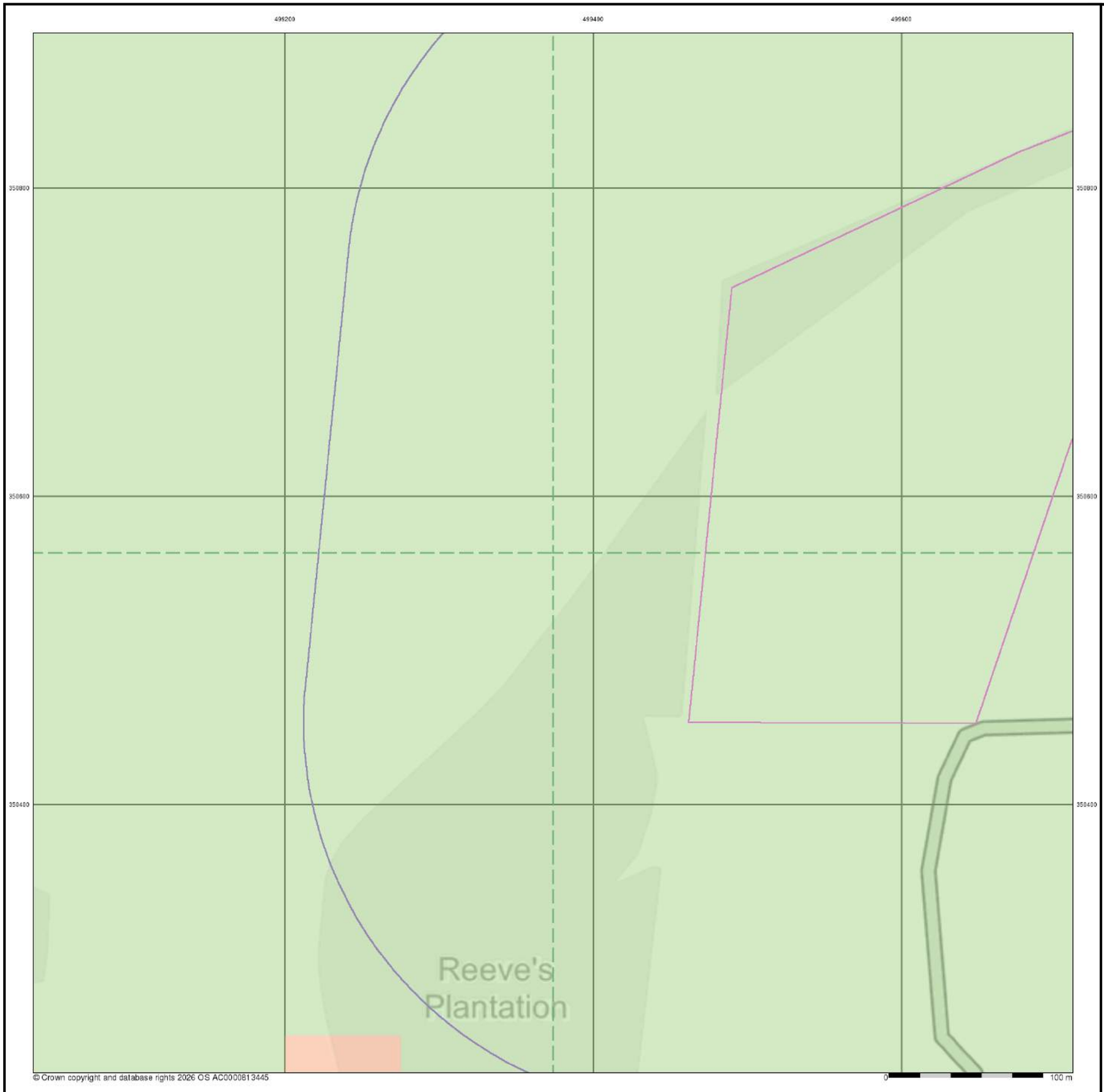
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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Radon Affected Areas and Protection Measures

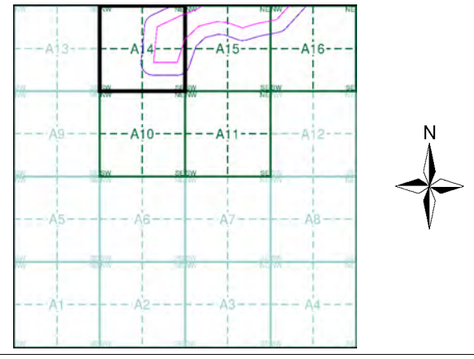
General

Specified Site Specified Buffer(s) X Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment A14



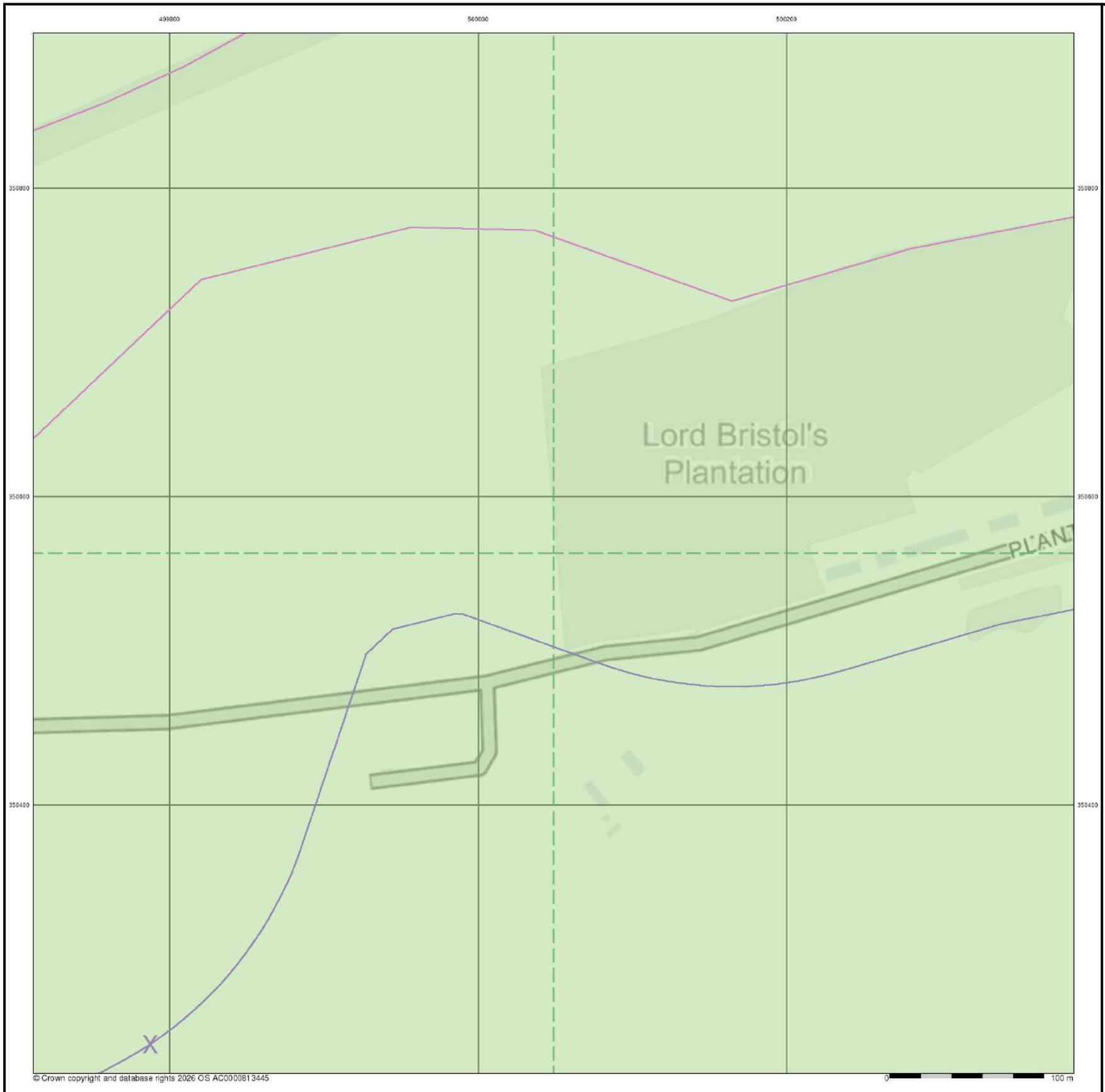
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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Web: www.envirocheck.co.uk



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Radon Affected Areas and Protection Measures

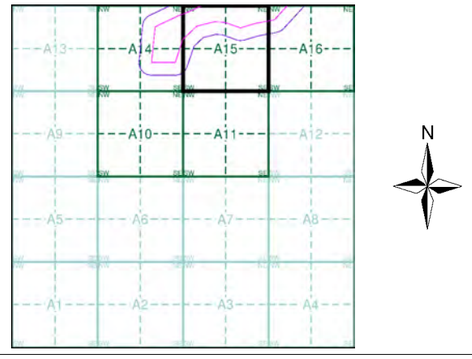
General

Specified Site Specified Buffer(s) X Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment A15

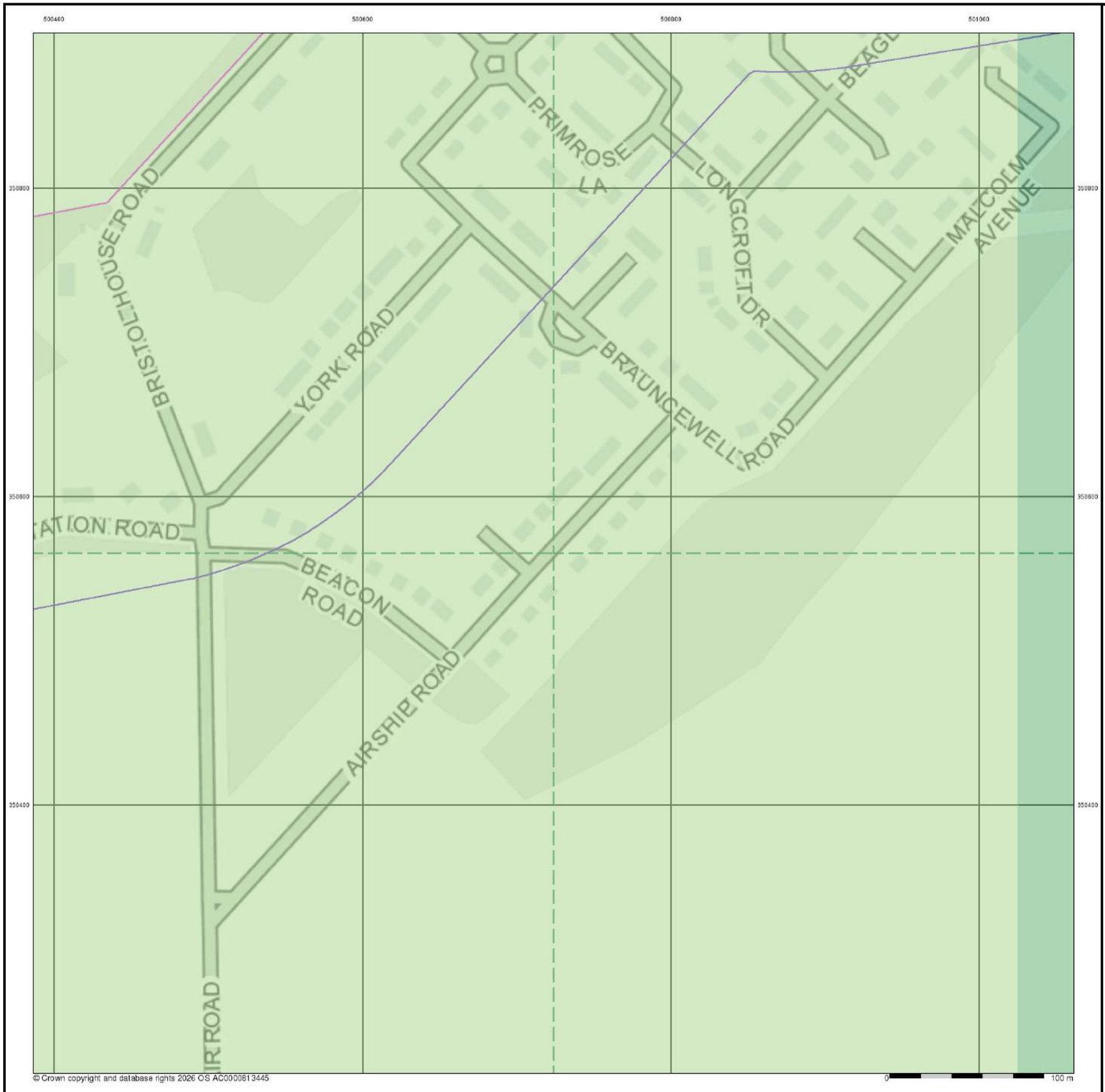


Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH



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Radon Affected Areas and Protection Measures

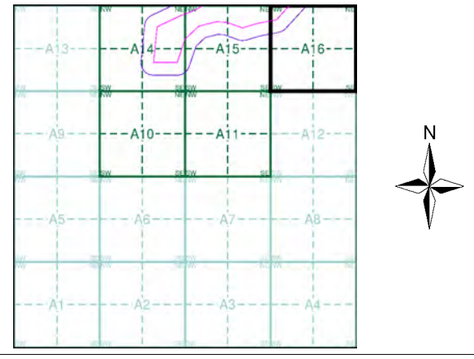
General

Specified Site Specified Buffer(s) X Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment A16



Order Details

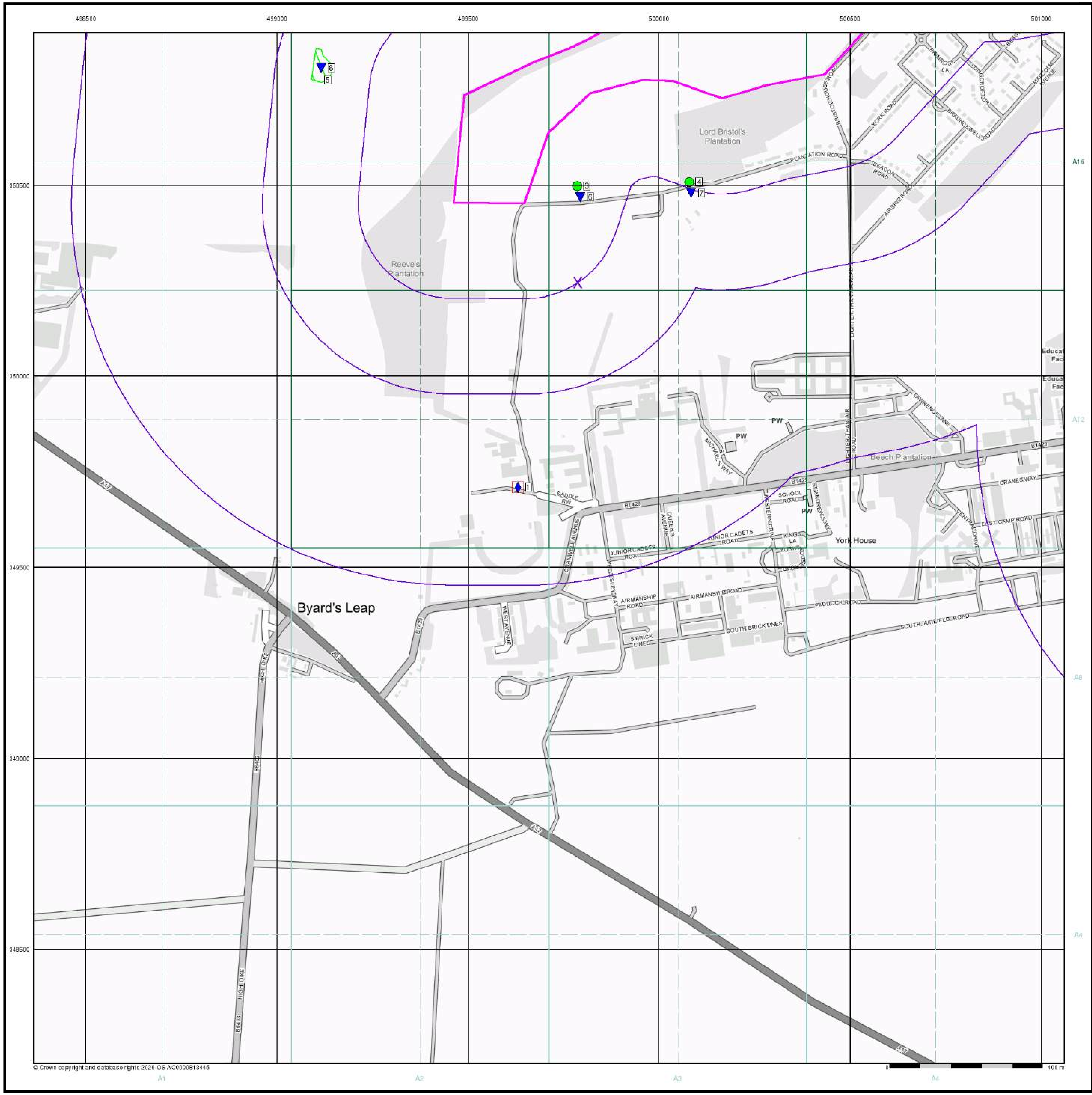
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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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

- 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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

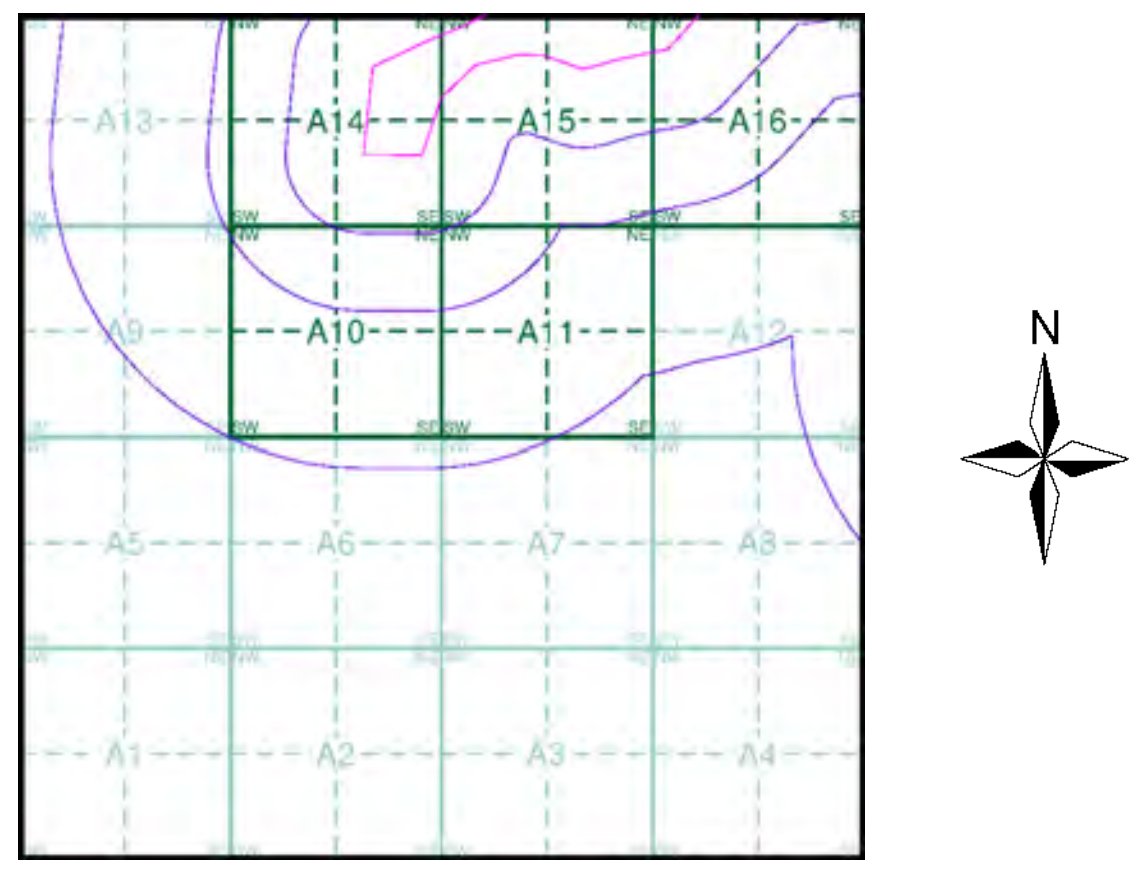
Geological

- 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
- Licenced Waste Management Facility (Landfill Boundary)
- Licenced 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
- Waste Exemption Permits

Site Sensitivity Map - Slice A



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH



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Industrial Land Use Map

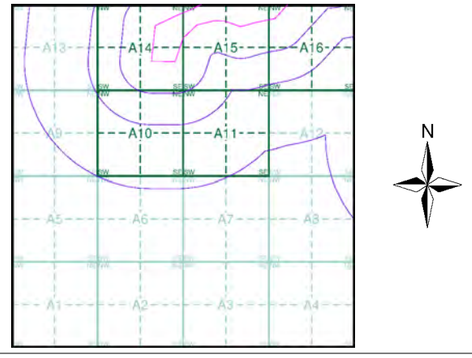
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- 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
- Pollution Inventory - Substances
- Pollution Inventory - Waste Transfers
- Pollution Inventory - Radioactive Waste
- Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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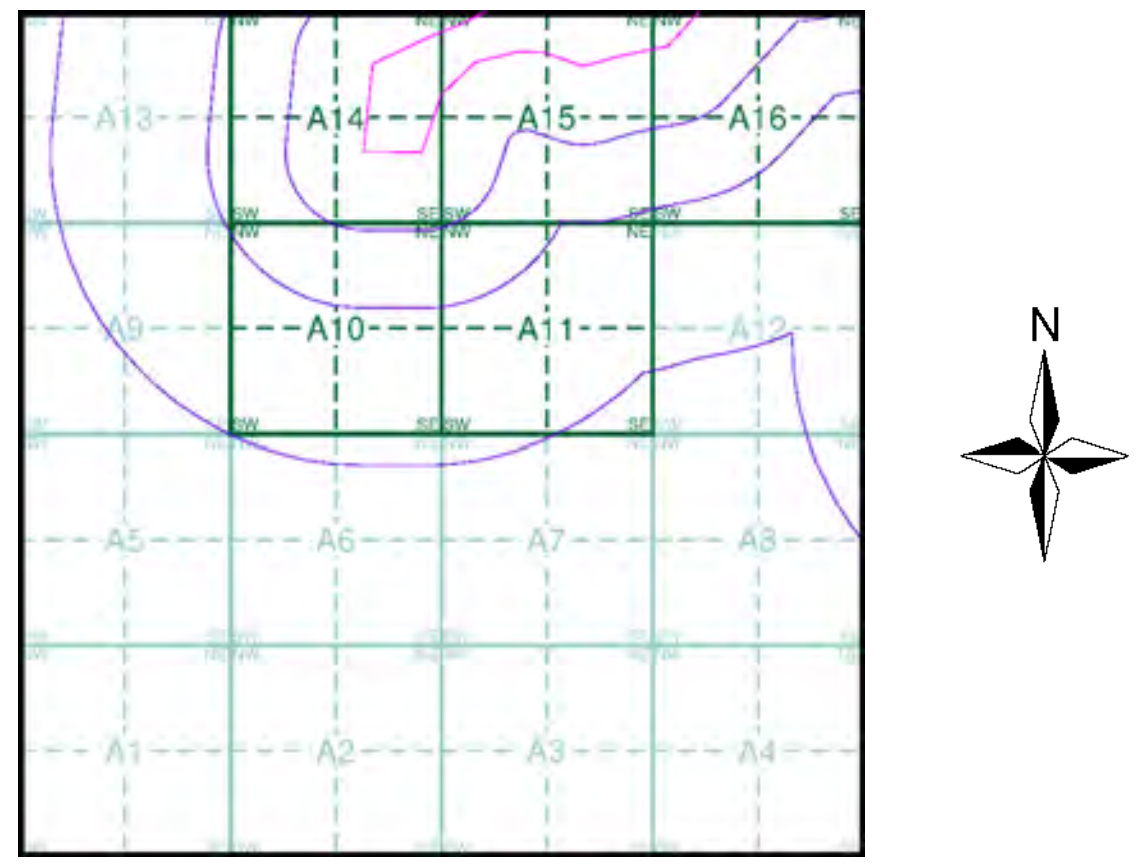
General

- 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 A



Order Details

Order Number: 406246422_1_1
Customer Ref: 323777
National Grid Reference: 499790, 350240
Slice: A
Site Area (Ha): 259.07
Search Buffer (m): 1000

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH



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General

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

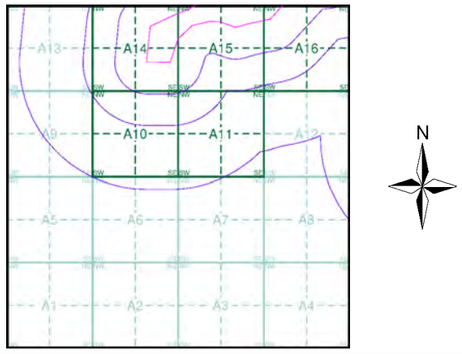
Agency and Hydrological (Boreholes)

- 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 A



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH



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General

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

OS NGD Water Network Links Data

- Canal
- Canal Feeder
- Reservoir
- Foreshore
- Marsh
- Watercourse
- Overflow
- Drain
- Other
- Still Water
- Leat
- Lock
- Sea

Contours (height in metres)

Standard Contour 105 100 95

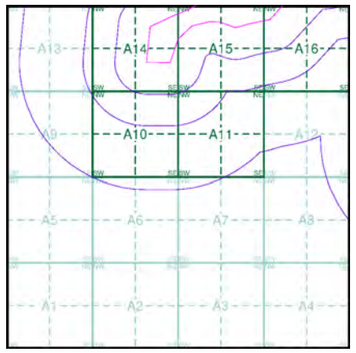
Master Contour

Spot Height 167.3

MLW Mean Low Water

MHW Mean High Water

OS NGD Water Network Map - Slice A



Order Details

Order Number:	406246422_1_1
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General

Specified Site

Specified Buffer(s)

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

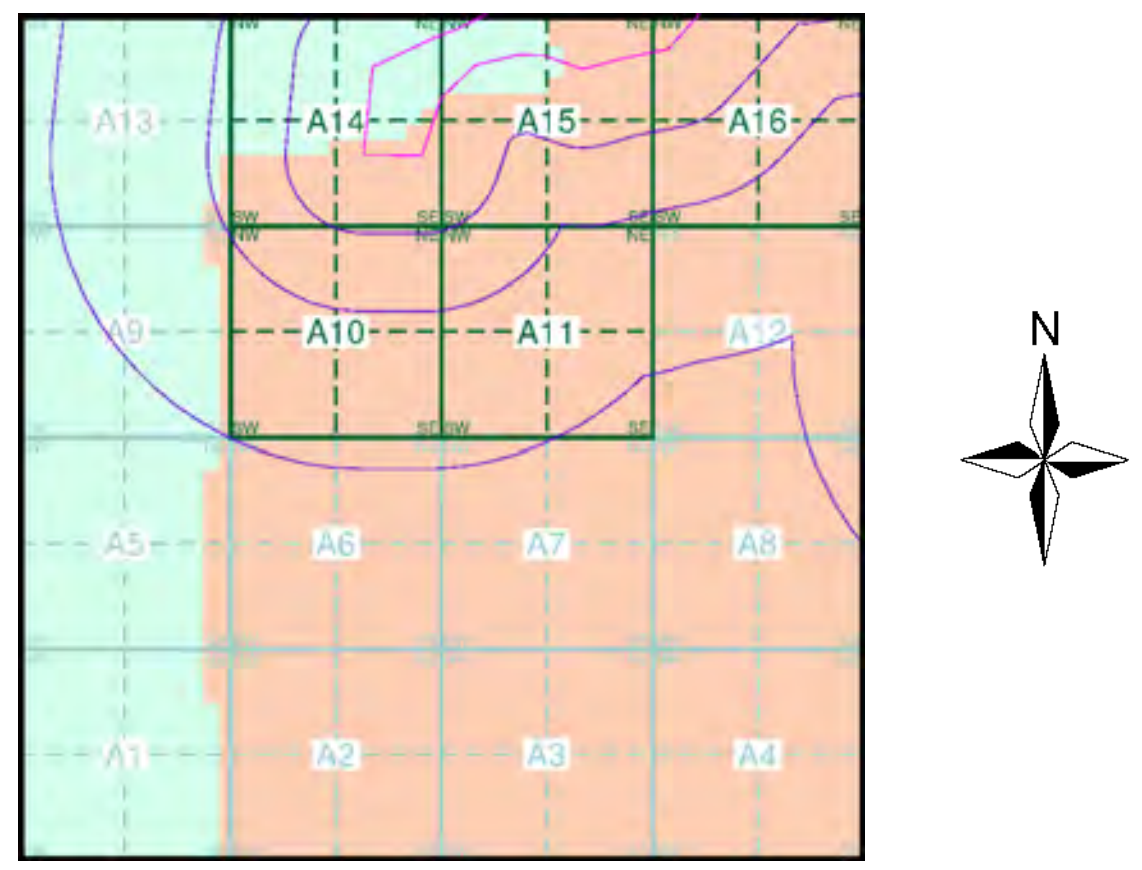
County to town

Town to street

Street to parcels of land

Property

EA/NRW Suitability Map - Slice A



Order Details

Order Number: 406246422_1_1
Customer Ref: 323777
National Grid Reference: 499790, 350240
Slice: A
Site Area (Ha): 259.07
Search Buffer (m): 1000

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WFD Surface Waters Map

General

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

Slice | Map ID

Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

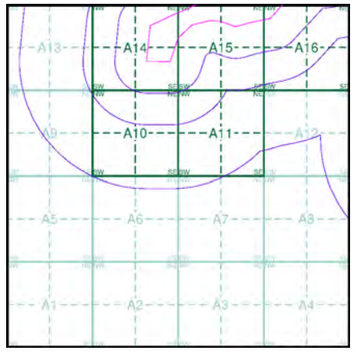
Contours (height in meters)

Standard Contour 105 100 95 — MLW Mean Low Water

Master Contour — MHW Mean High Water

Spot Height *167.3

WFD Surface Waters Map - Slice A



Order Details

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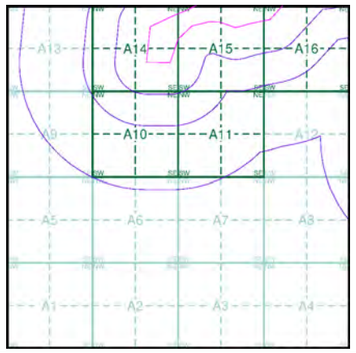
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

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

Estimated Soil Chemistry Arsenic - Slice A



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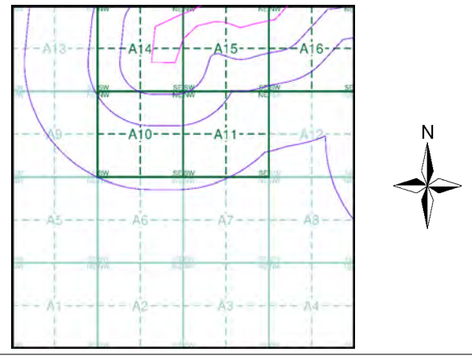
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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



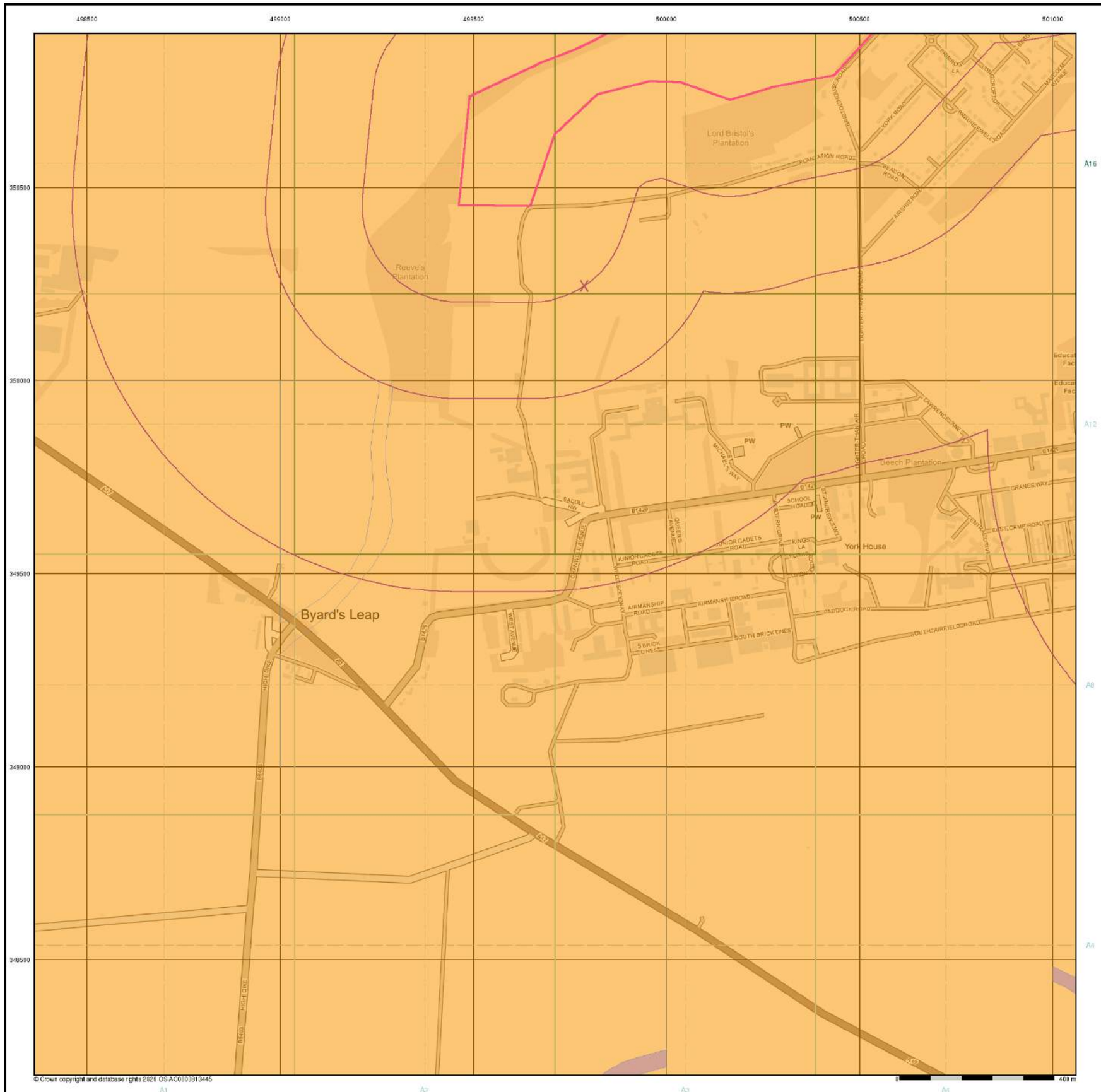
Order Details

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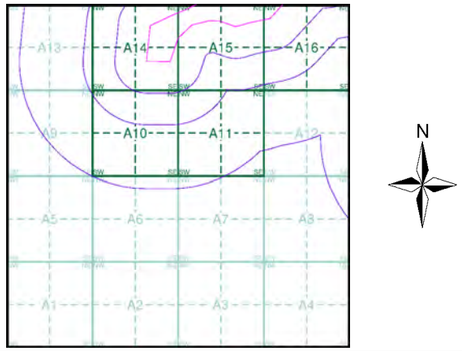
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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

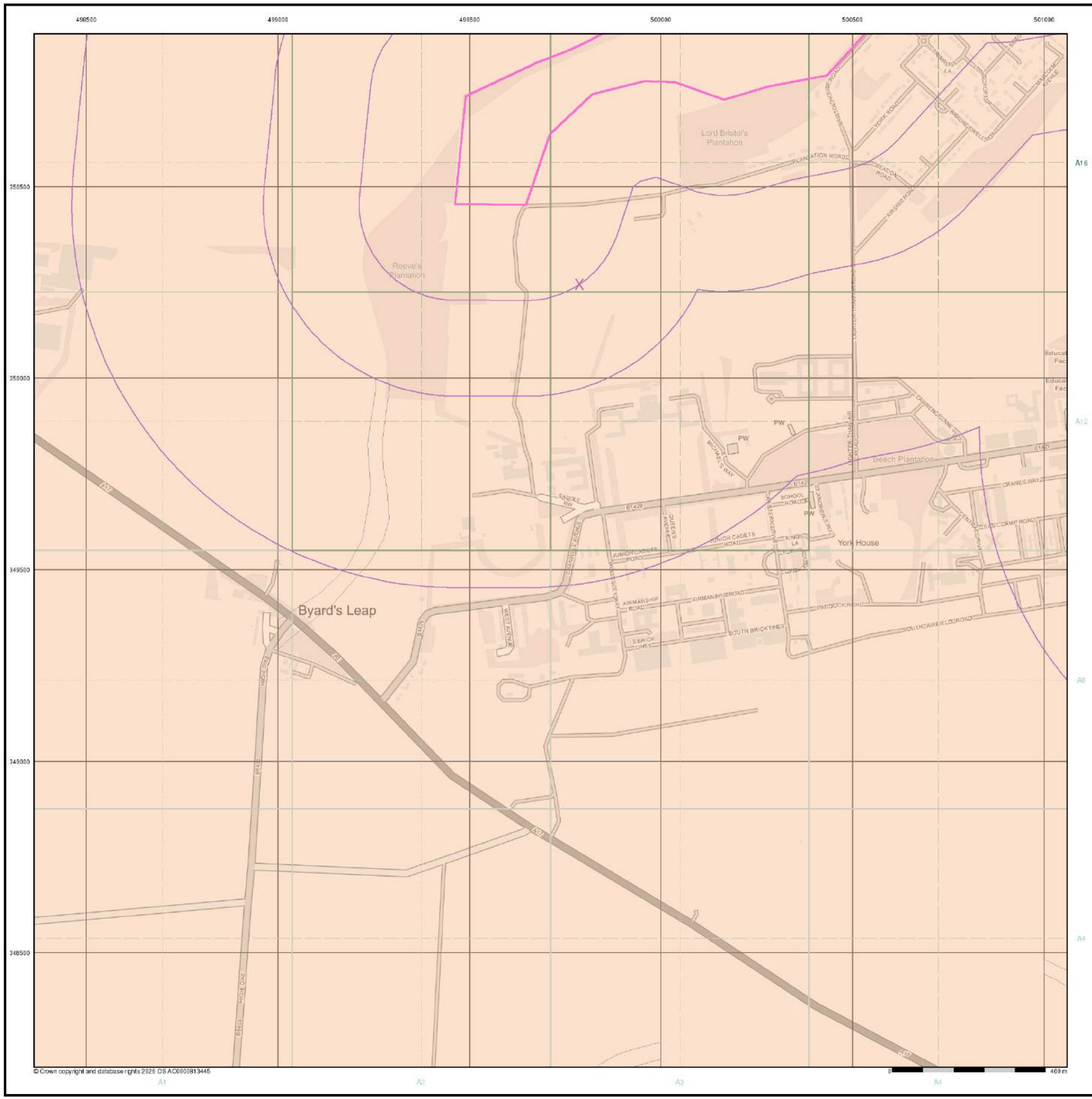
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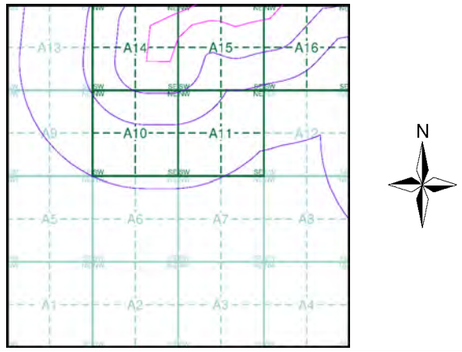
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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



Order Details

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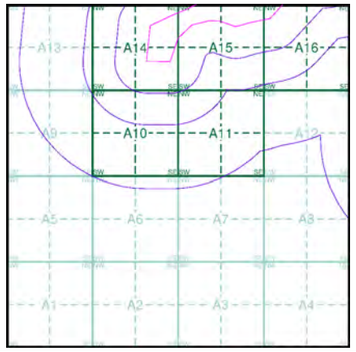
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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



Order Details

Order Details:	406246422_1_1
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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
Electricity Transmission Line
Pole
Sloping Masonry
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

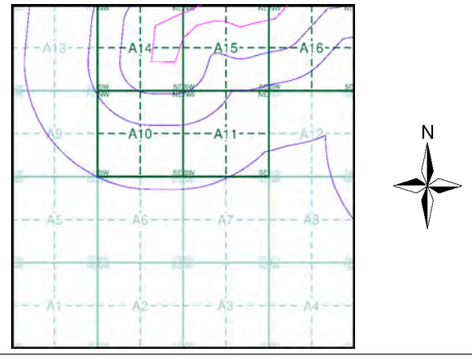
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community 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
Lincolnshire	1:10,560	1887	2
Lincolnshire	1:10,560	1905	3
Lincolnshire	1:10,560	1947	4
Ordnance Survey Plan	1:10,000	1956	5
Ordnance Survey Plan	1:10,000	1970 - 1974	6
Ordnance Survey Plan	1:10,000	1984 - 1985	7
Ordnance Survey Plan	1:10,000	1996	8
10K Raster Mapping	1:10,000	2000	9
10K Raster Mapping	1:10,000	2006	10
VectorMap Local	1:10,000	2026	11

Historical Map - Slice A



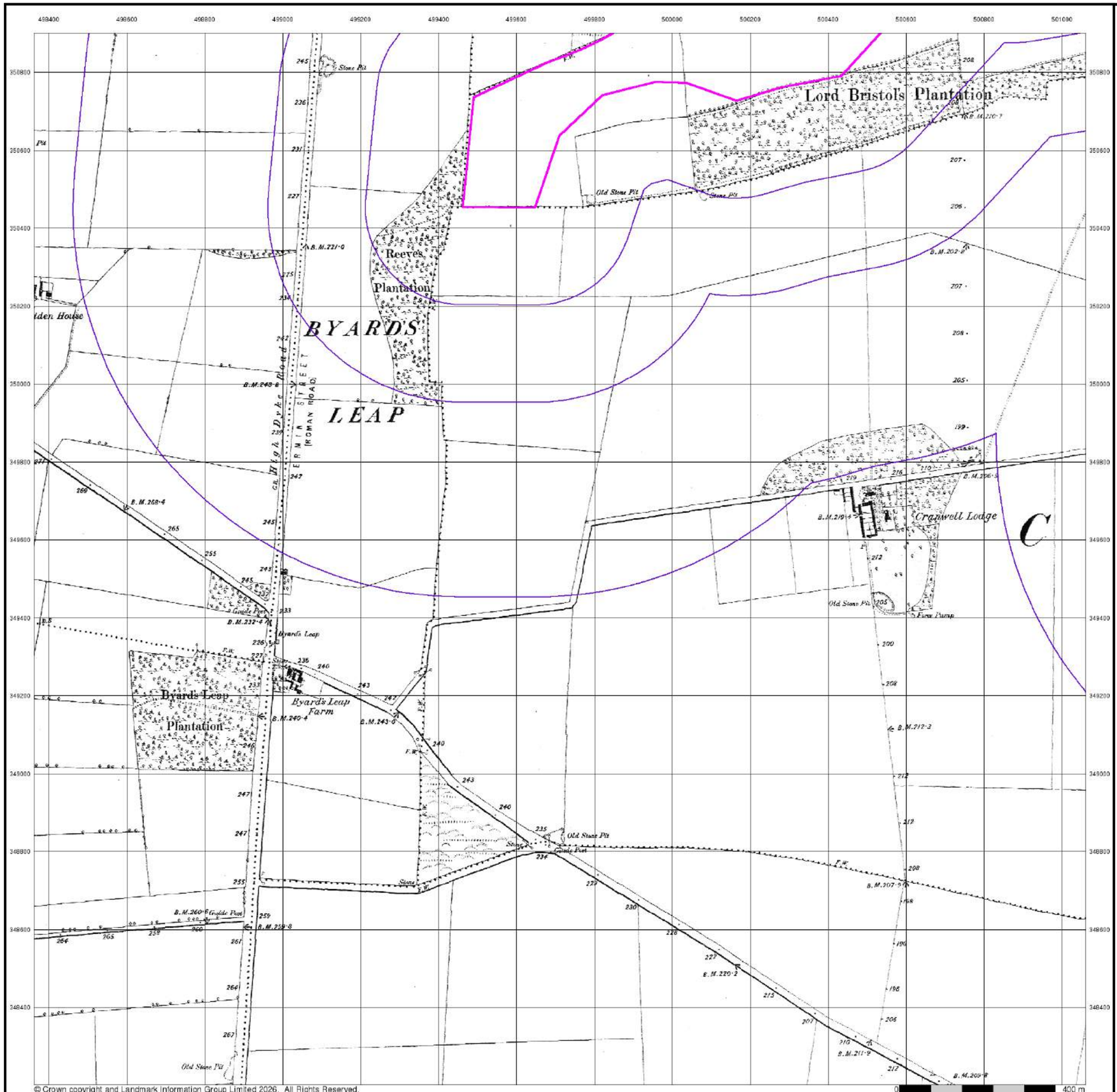
Order Details

Order Number: 406246422_1_1
Customer Ref: 323777
National Grid Reference: 499790, 350240
Slice: A
Site Area (Ha): 259.07
Search Buffer (m): 1000

Site Details

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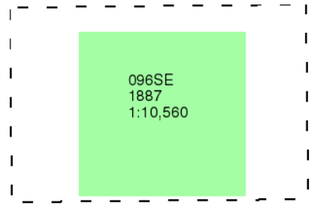
Lincolnshire

Published 1887

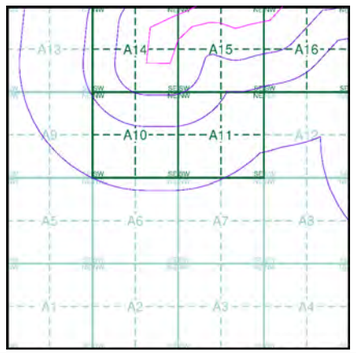
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

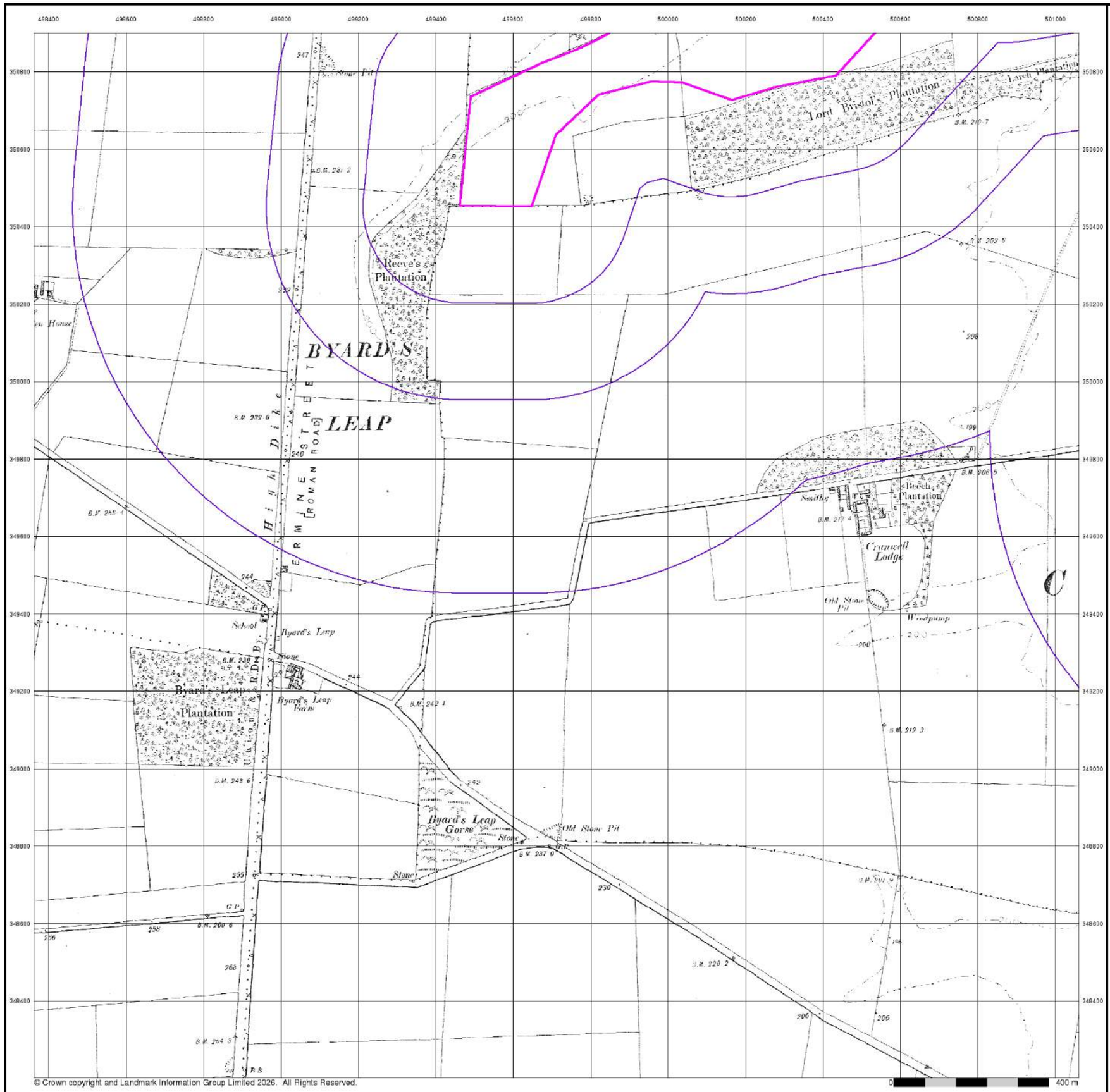
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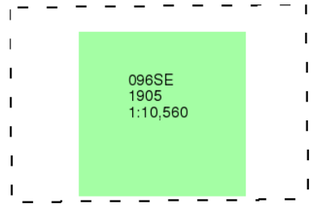
Lincolnshire

Published 1905

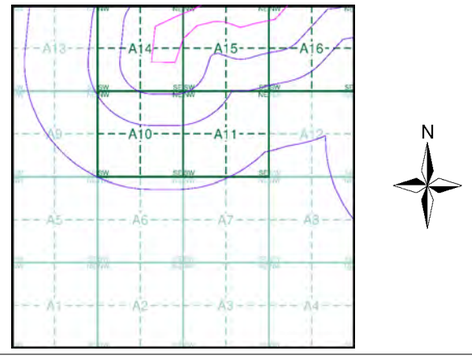
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

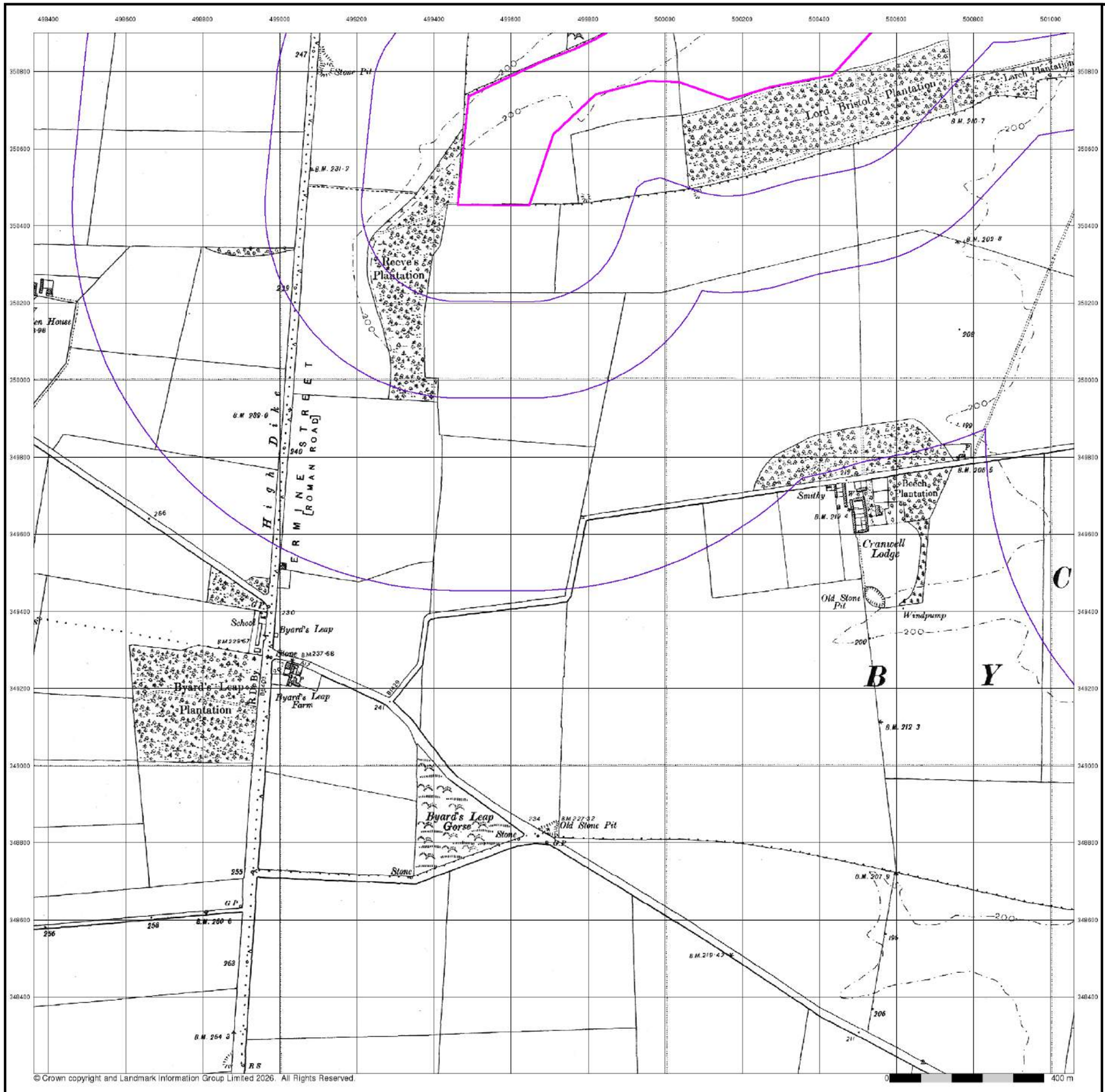
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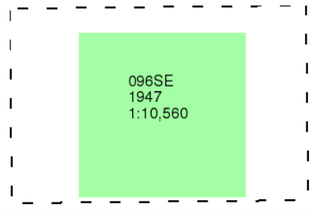
Lincolnshire

Published 1947

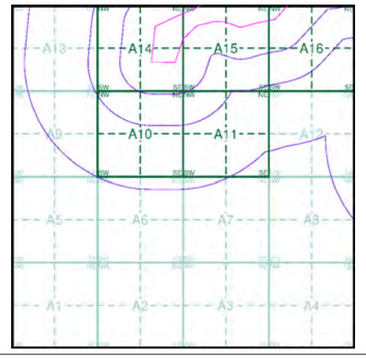
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

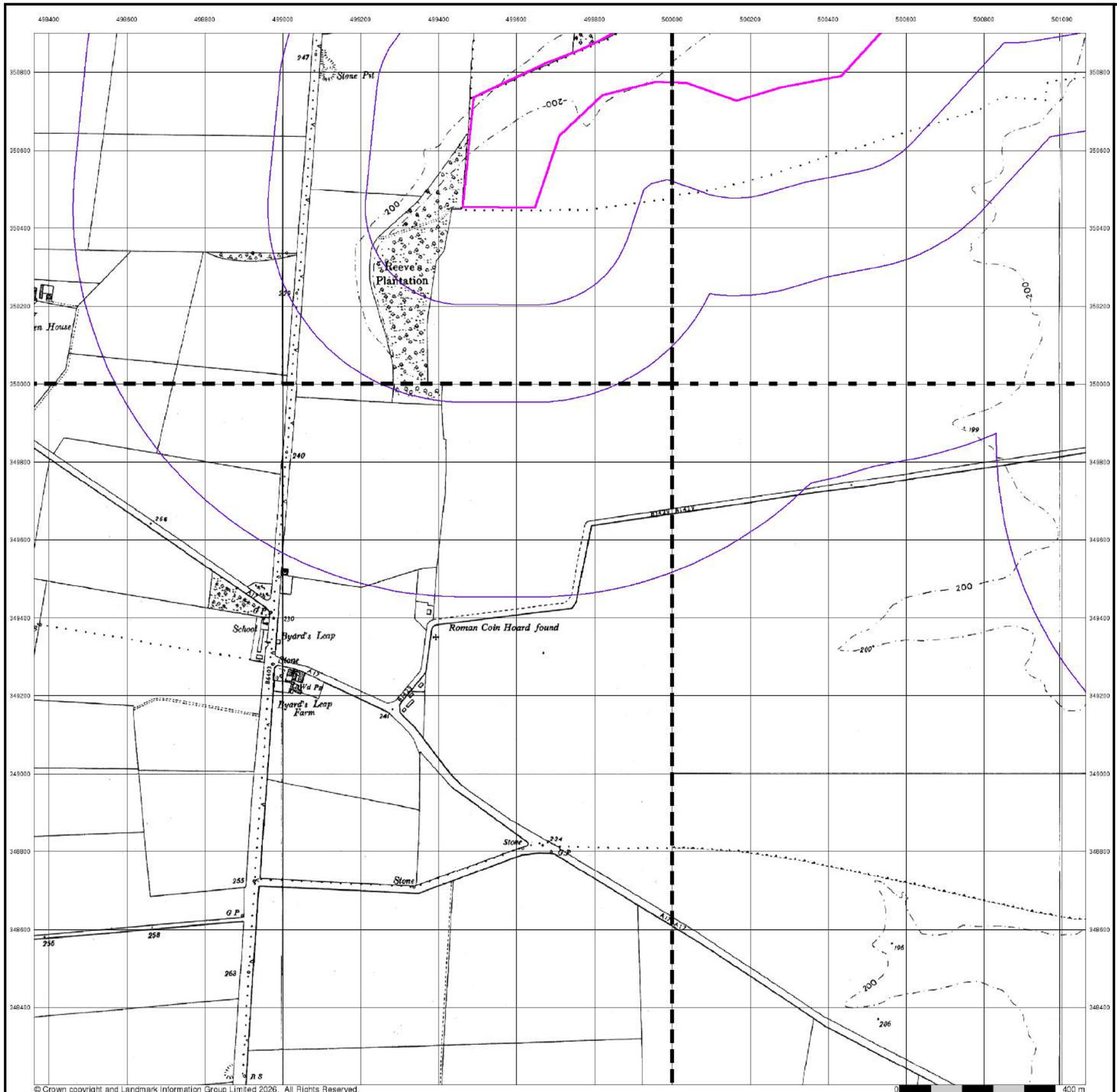
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Ordnance Survey Plan

Published 1956

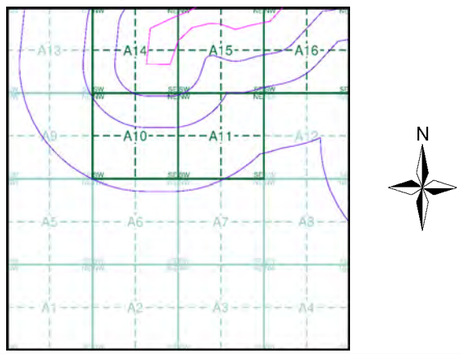
Source map scale - 1:10,000

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Map Name(s) and Date(s)

SK95SE 1956 1:10,560	TF05SW 1956 1:10,560
SK94NE 1956 1:10,560	TF04NW 1956 1:10,560

Historical Map - Slice A



Order Details

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Ordnance Survey Plan

Published 1970 - 1974

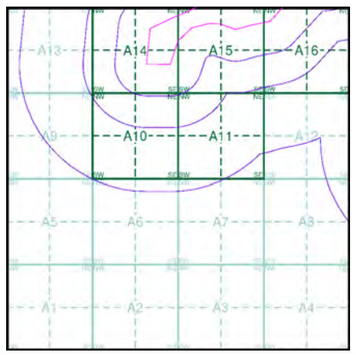
Source map scale - 1:10,000

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)

SK94NE 1970 1:10,560	TF04NW 1974 1:10,560

Historical Map - Slice A



Order Details

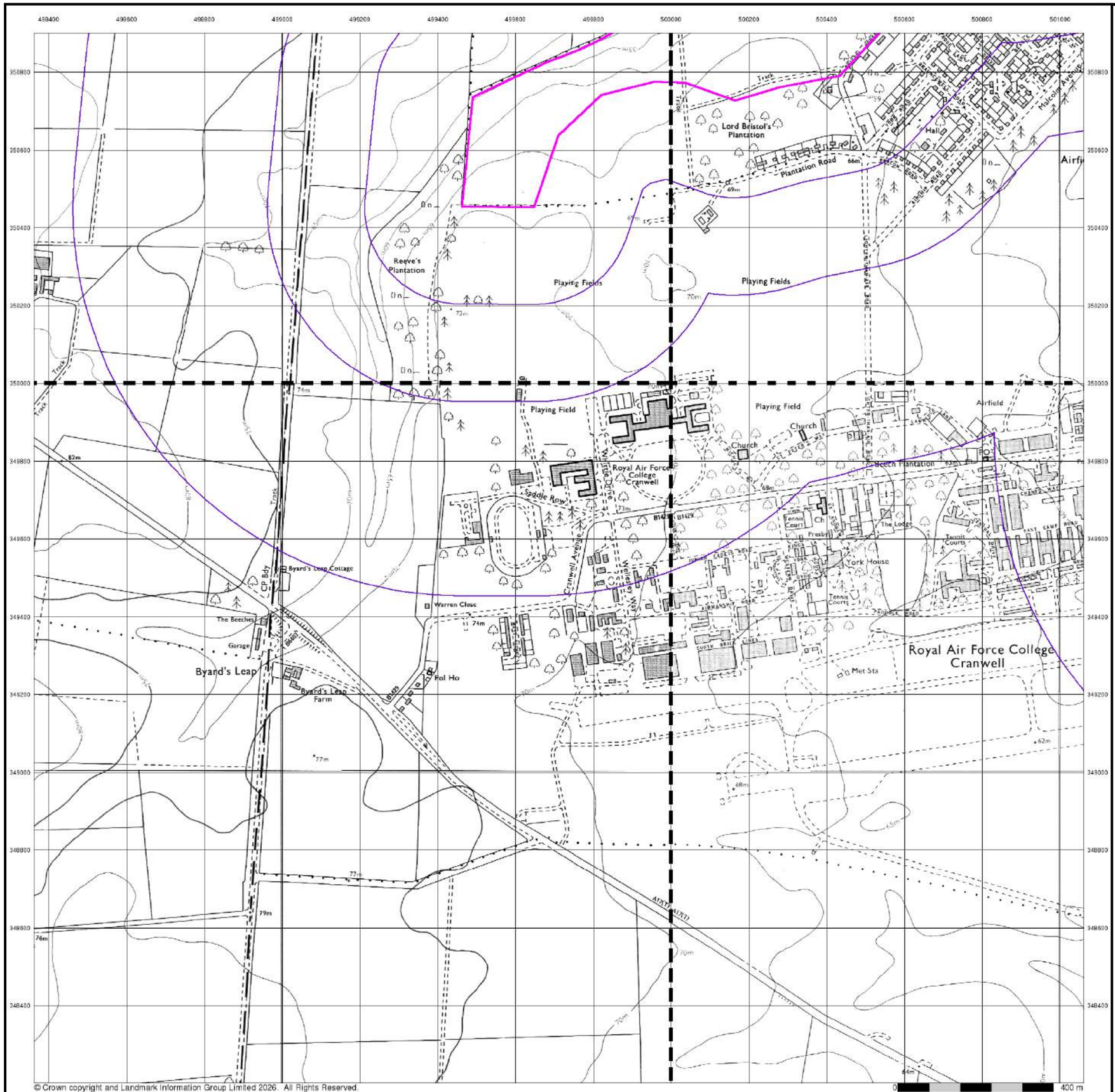
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Customer Ref:	323777
National Grid Reference:	499790, 350240
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Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Ordnance Survey Plan

Published 1984 - 1985

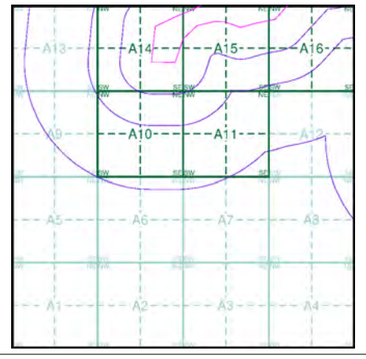
Source map scale - 1:10,000

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)

SK95SE 1984 1:10,000	TF05SW 1985 1:10,000
SK94NE 1984 1:10,000	TF04NW 1984 1:10,000

Historical Map - Slice A



Order Details

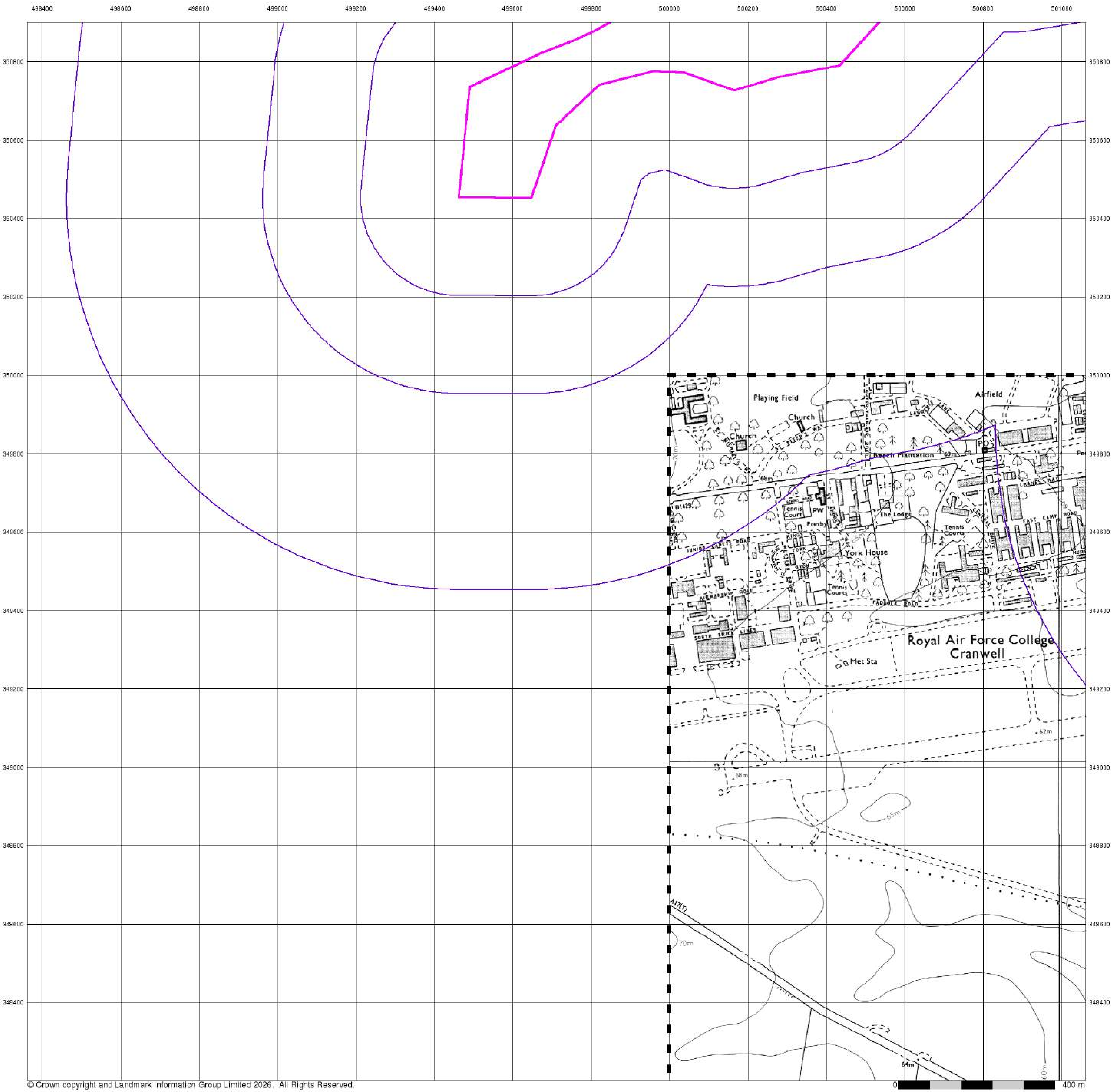
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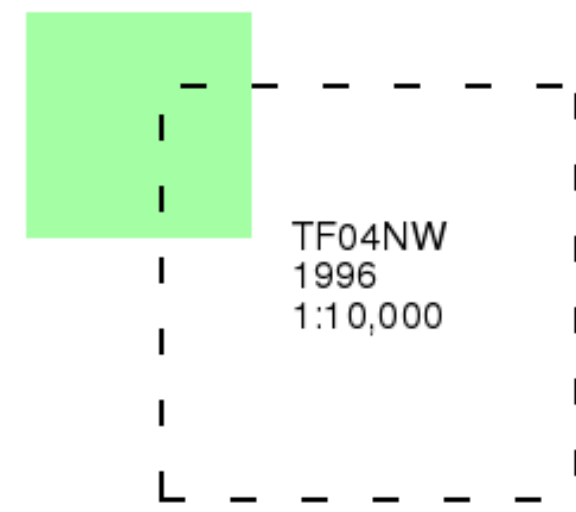
Ordnance Survey Plan

Published 1996

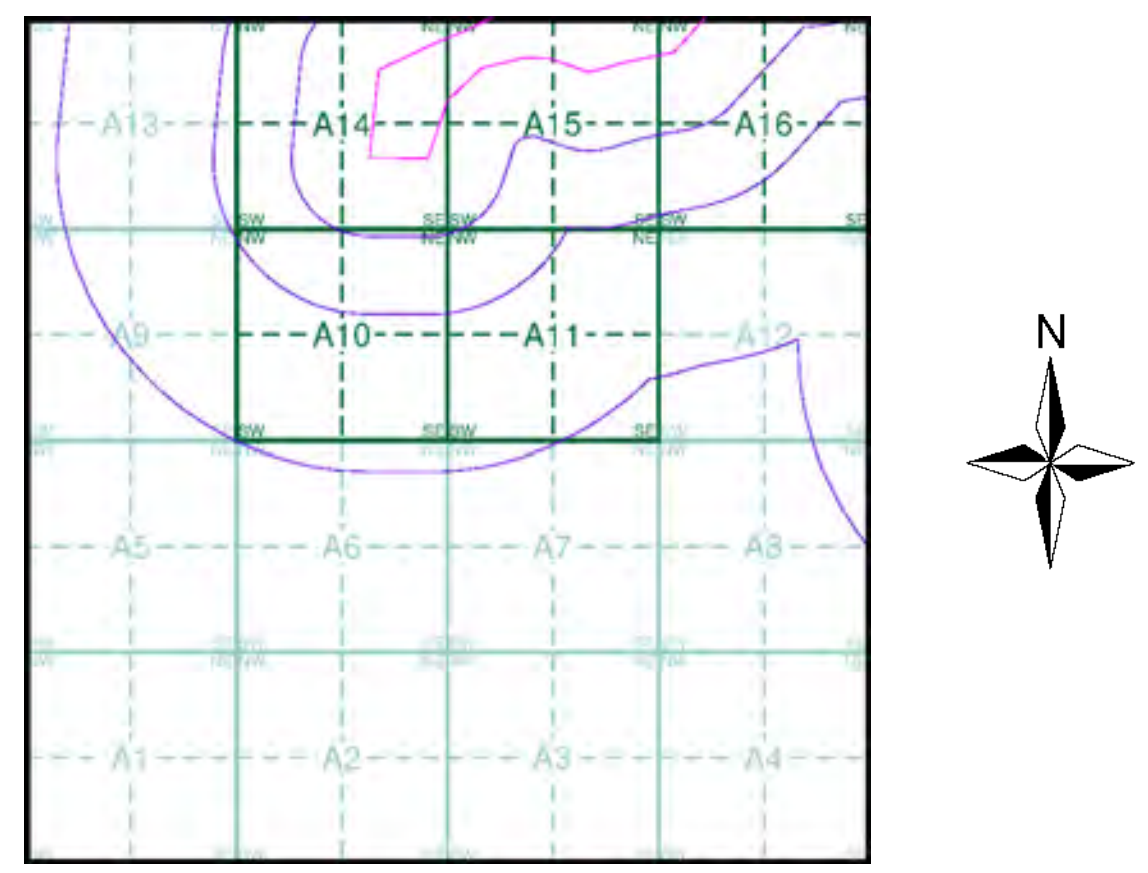
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 406246422_1_1
Customer Ref: 323777
National Grid Reference: 499790, 350240
Slice: A
Site Area (Ha): 259.07
Search Buffer (m): 1000

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10k Raster Mapping

Published 2000

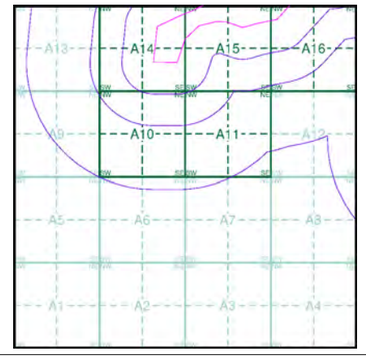
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SK95SE 2000 1:10,000	TF05SW 2000 1:10,000
SK94NE 2000 1:10,000	TF04NW 2000 1:10,000

Historical Map - Slice A



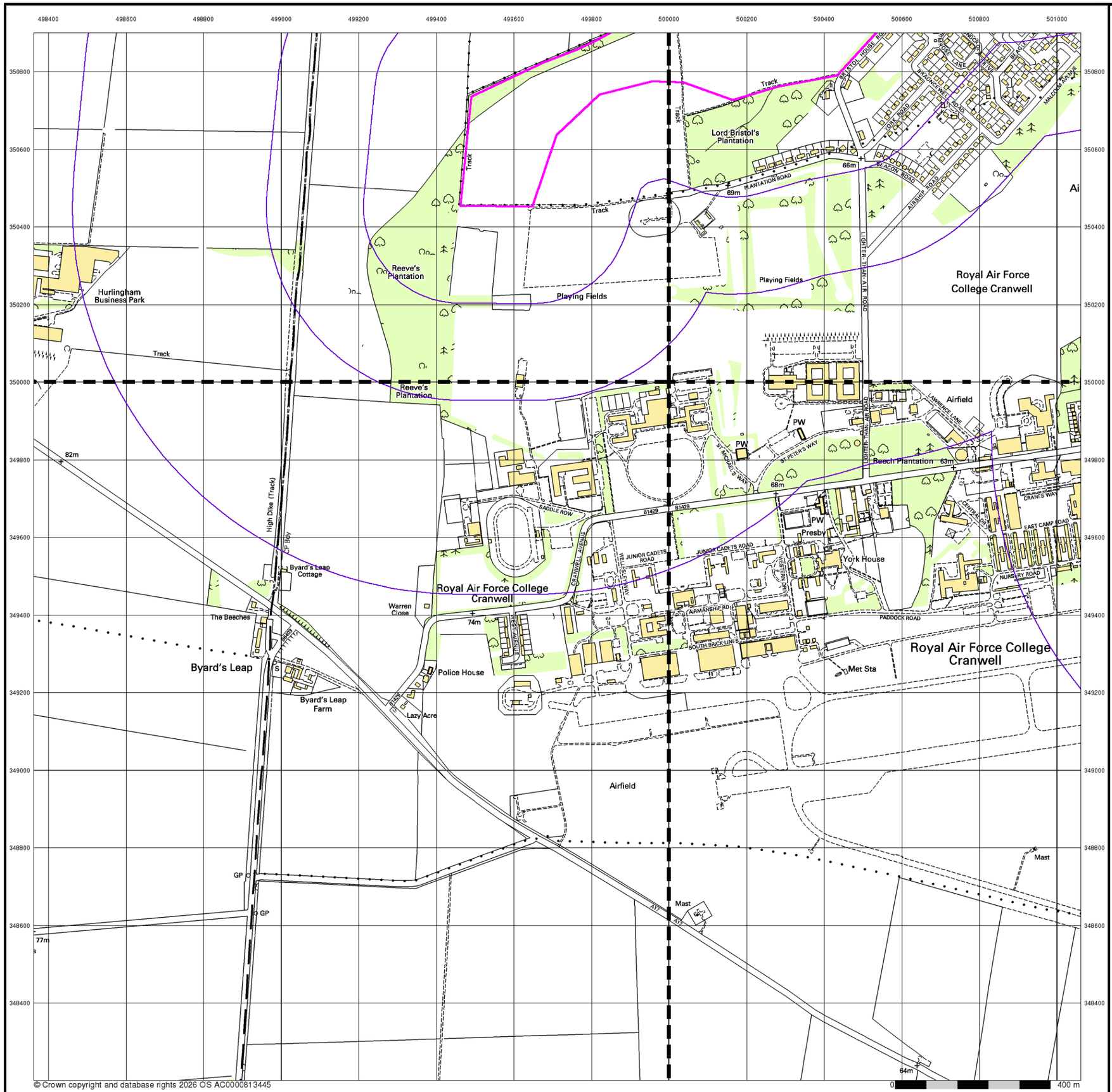
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Site Area (Ha):	259.07
Search Buffer (m):	1000

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10k Raster Mapping

Published 2006

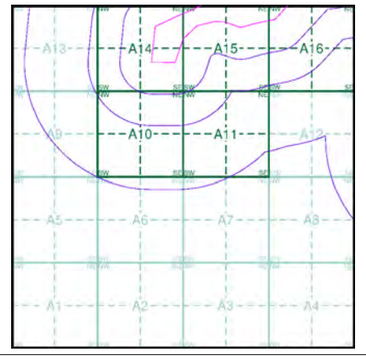
Source map scale - 1:10,000

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)

SK95SE 2006 1:10,000	TF05SW 2006 1:10,000
SK94NE 2006 1:10,000	TF04NW 2006 1:10,000

Historical Map - Slice A



Order Details

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VectorMap Local

Published 2026

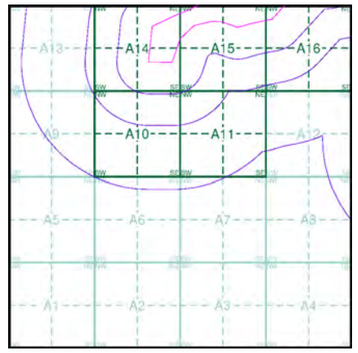
Source map scale - 1:10,000

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)

SK95SE 2026 Variable	TF05SW 2026 Variable
SK94NE 2026 Variable	TF04NW 2026 Variable

Historical Map - Slice A



Order Details

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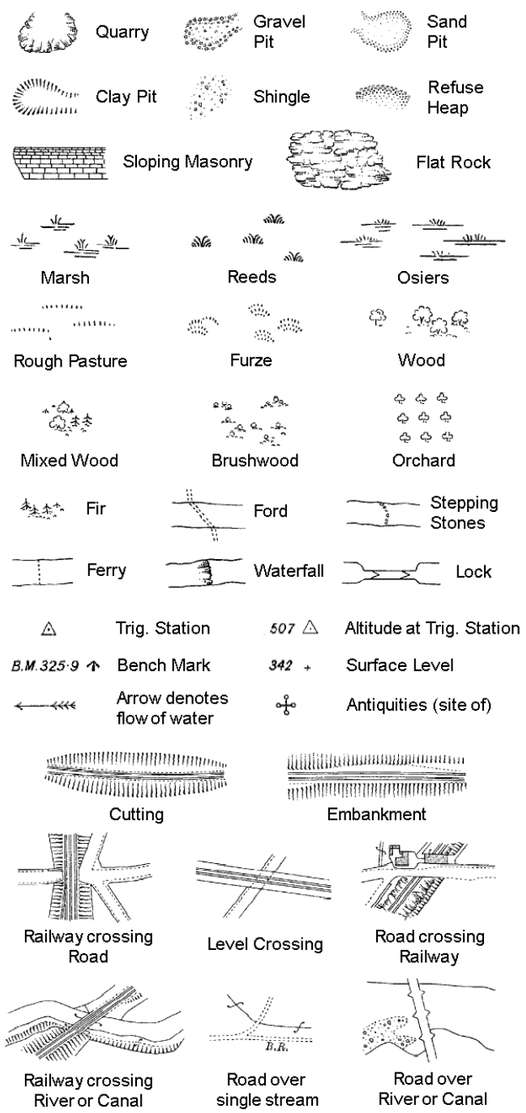
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Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

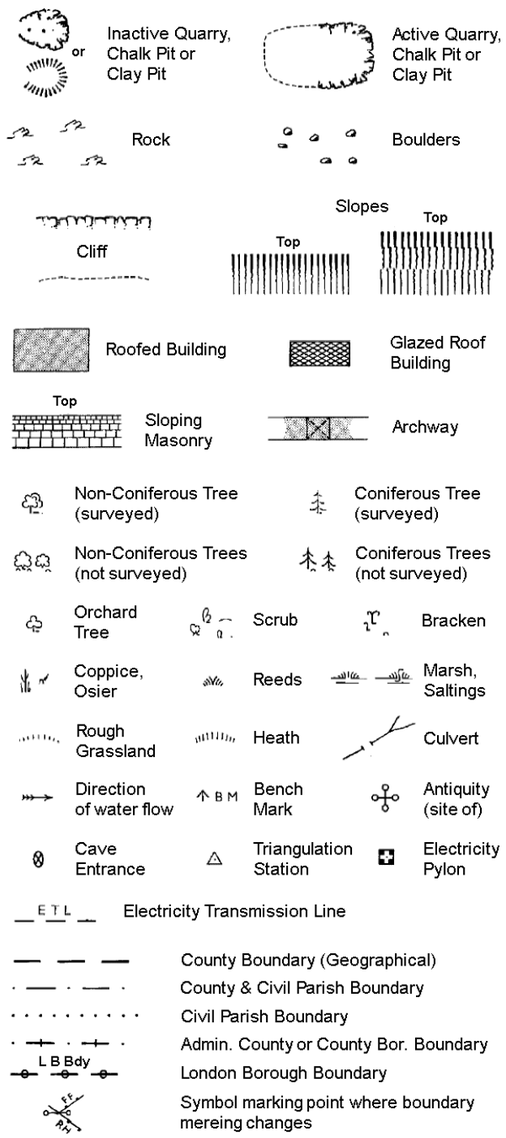
Administrative County & Civil Parish Boundary

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

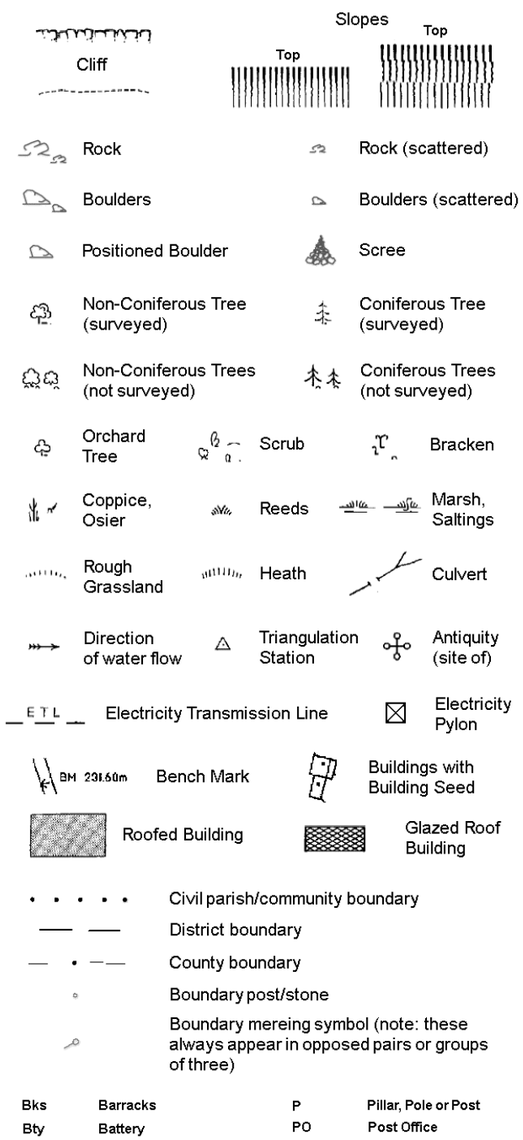
Admin. County or County Bor. Boundary

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

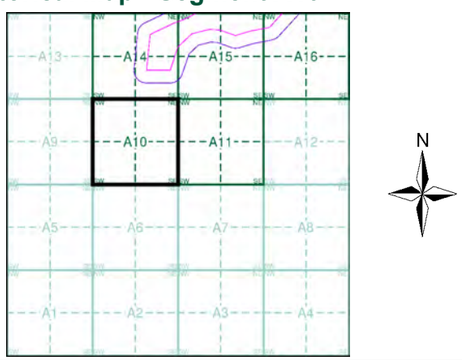
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1887	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1976 - 1977	4
Large-Scale National Grid Data	1:2,500	1994 - 1995	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A10



Order Details

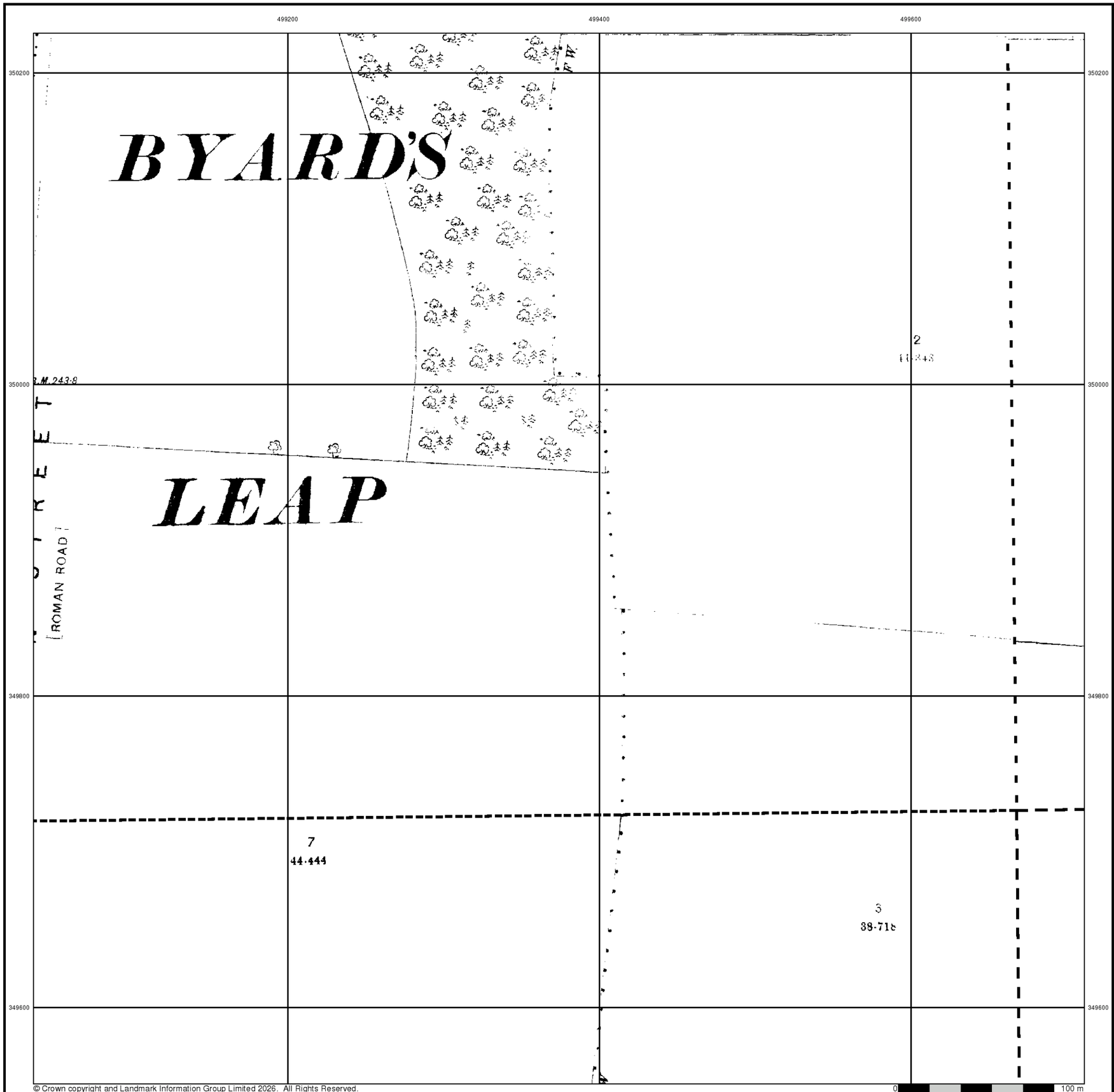
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National Grid Reference: 499790, 350240
Slice: A
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

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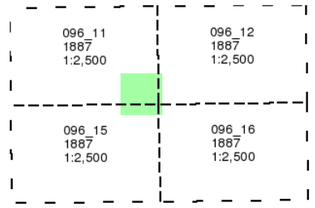
Lincolnshire

Published 1887

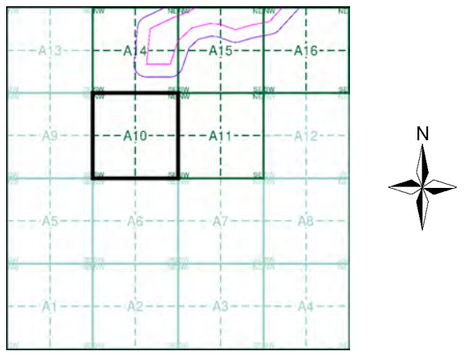
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

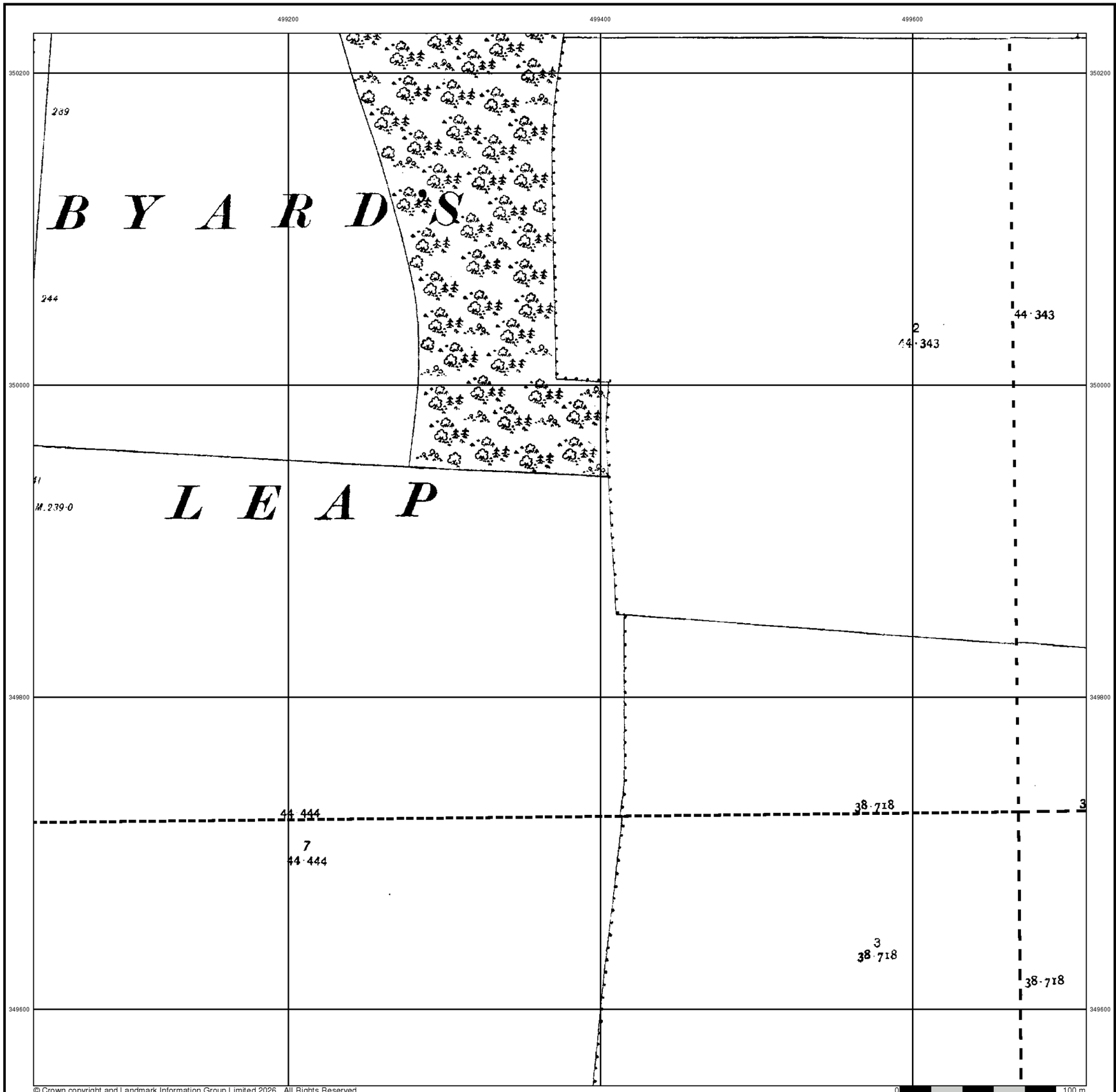
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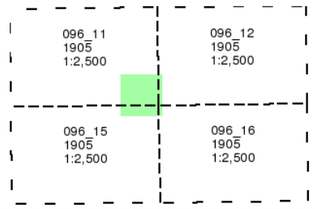
Lincolnshire

Published 1905

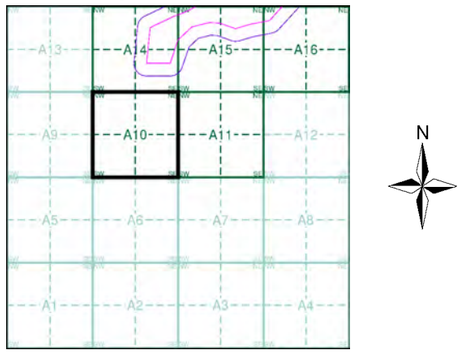
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Map Name(s) and Date(s)



Historical Map - Segment A10



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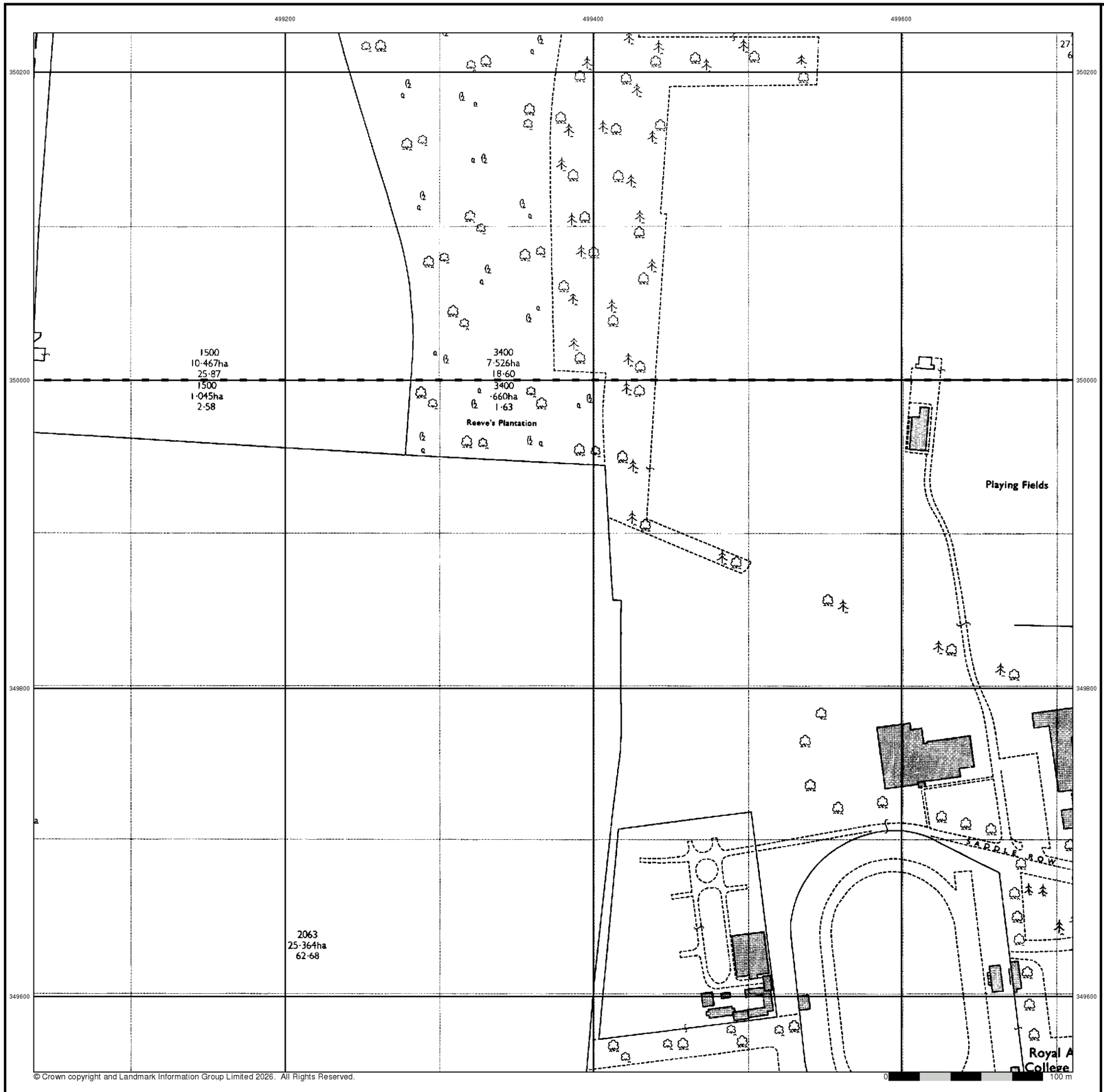
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Ordnance Survey Plan

Published 1976 - 1977

Source map scale - 1:2,500

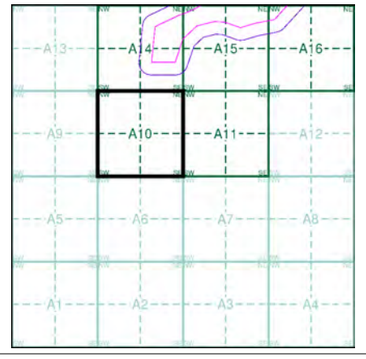
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

SK9950
1977
1:2,500

SK9949
1976
1:2,500

Historical Map - Segment A10



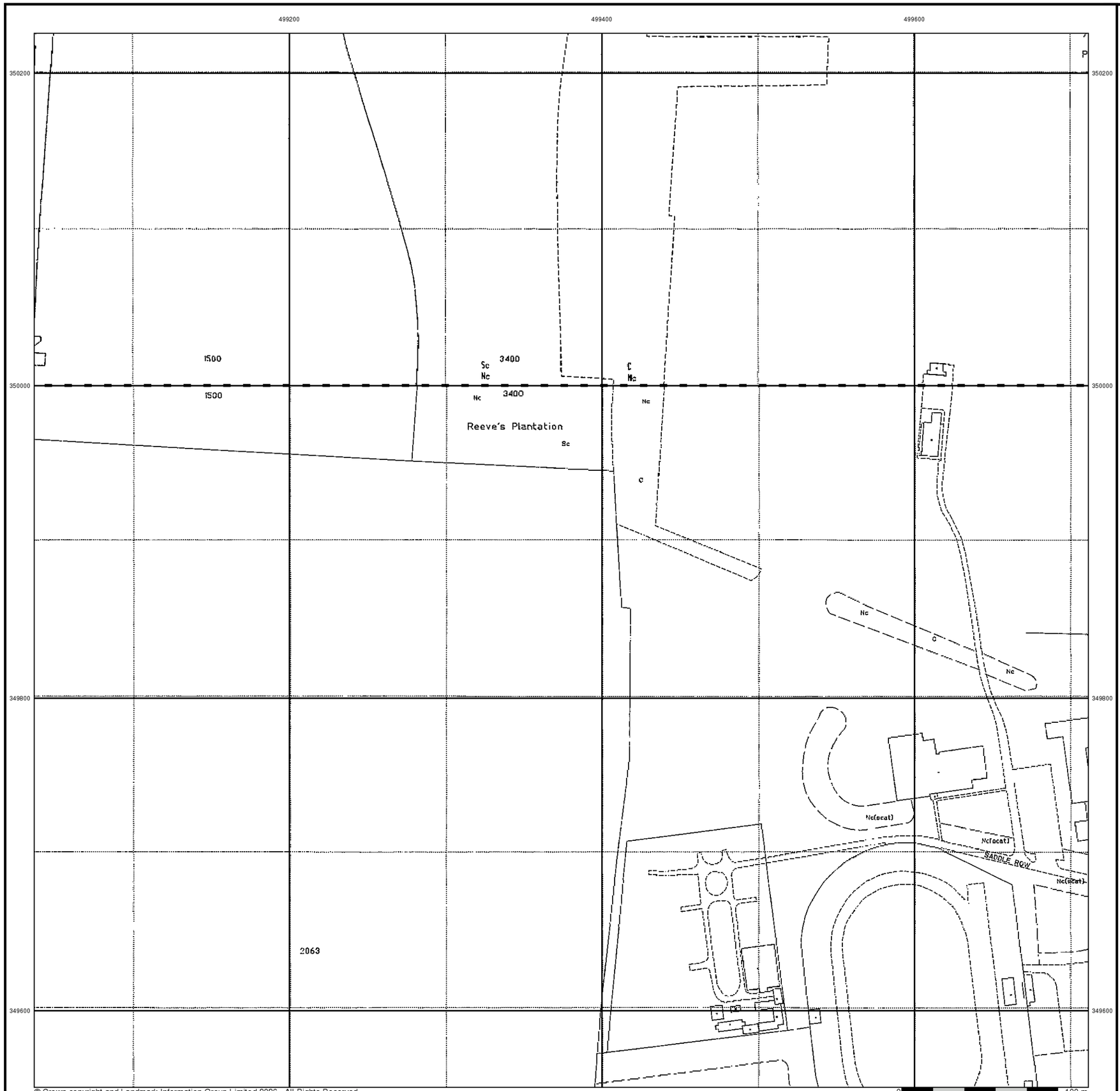
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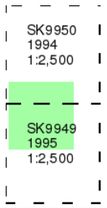
Large-Scale National Grid Data

Published 1994 - 1995

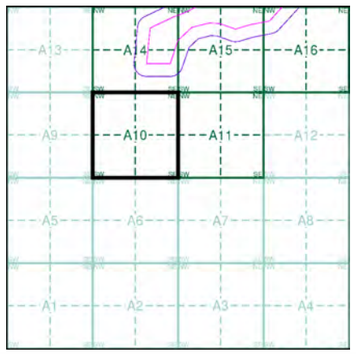
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number:	406246422_1_1
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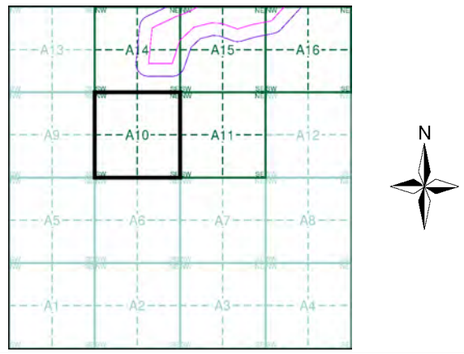
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Historical Aerial Photography

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



Order Details

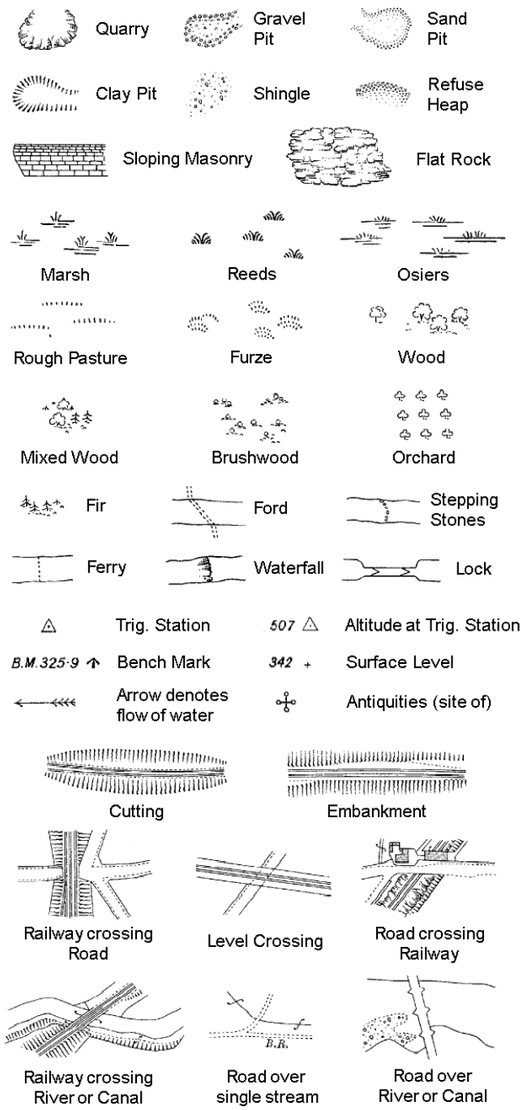
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Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

Historical Mapping Legends

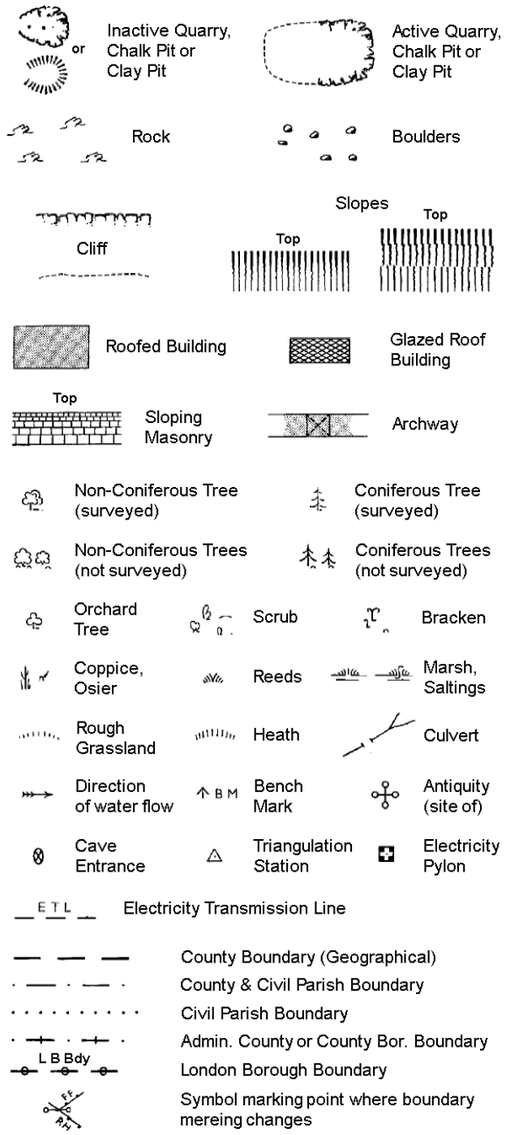
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

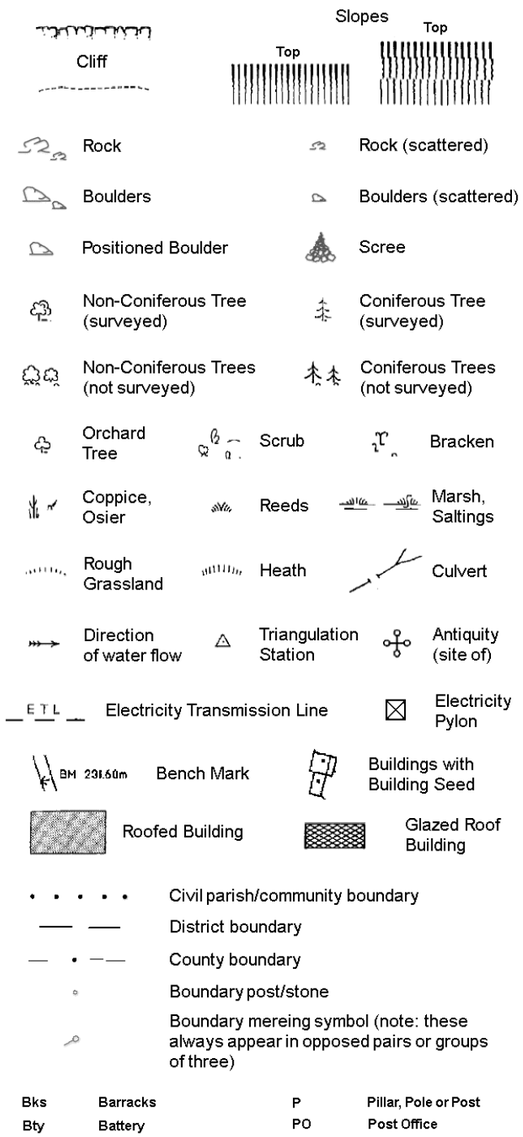
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

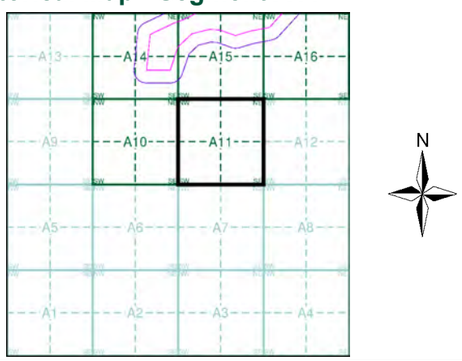
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1887	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1976 - 1980	4
Large-Scale National Grid Data	1:2,500	1994 - 1995	5
Large-Scale National Grid Data	1:2,500	1995	6
Historical Aerial Photography	1:2,500	1999	7

Historical Map - Segment A11



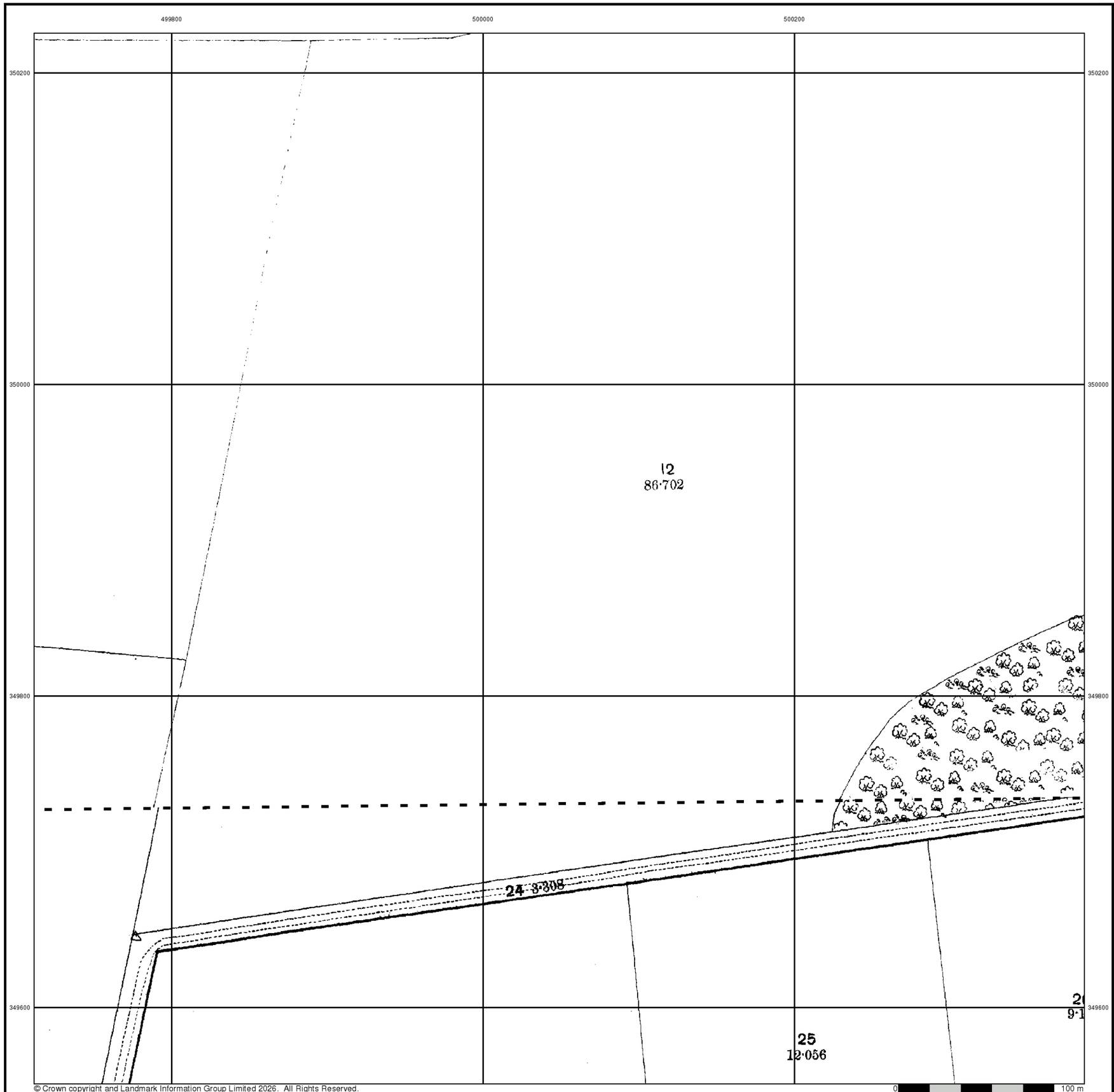
Order Details

Order Number: 406246422_1_1
Customer Ref: 323777
National Grid Reference: 499790, 350240
Slice: A
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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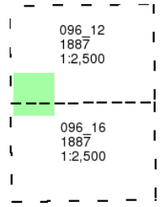
Lincolnshire

Published 1887

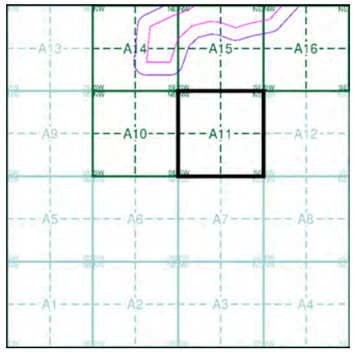
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

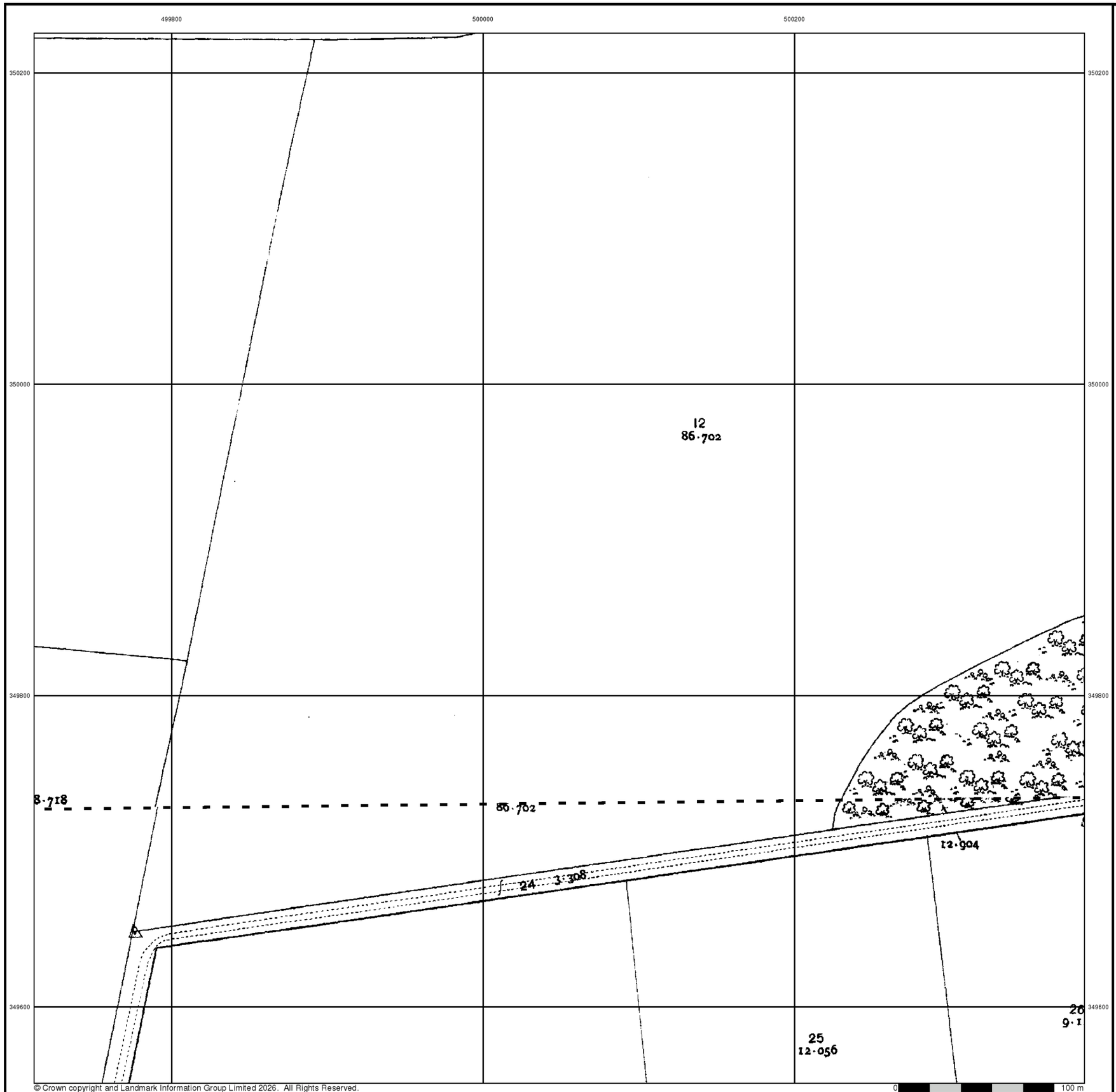
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
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Site Area (Ha):	259.07
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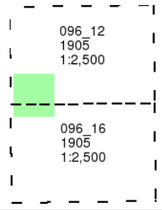
Lincolnshire

Published 1905

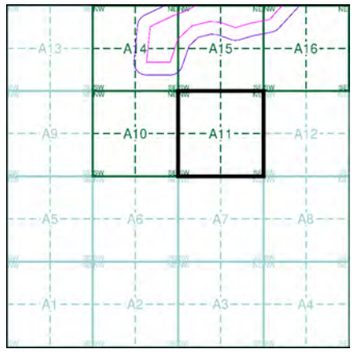
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

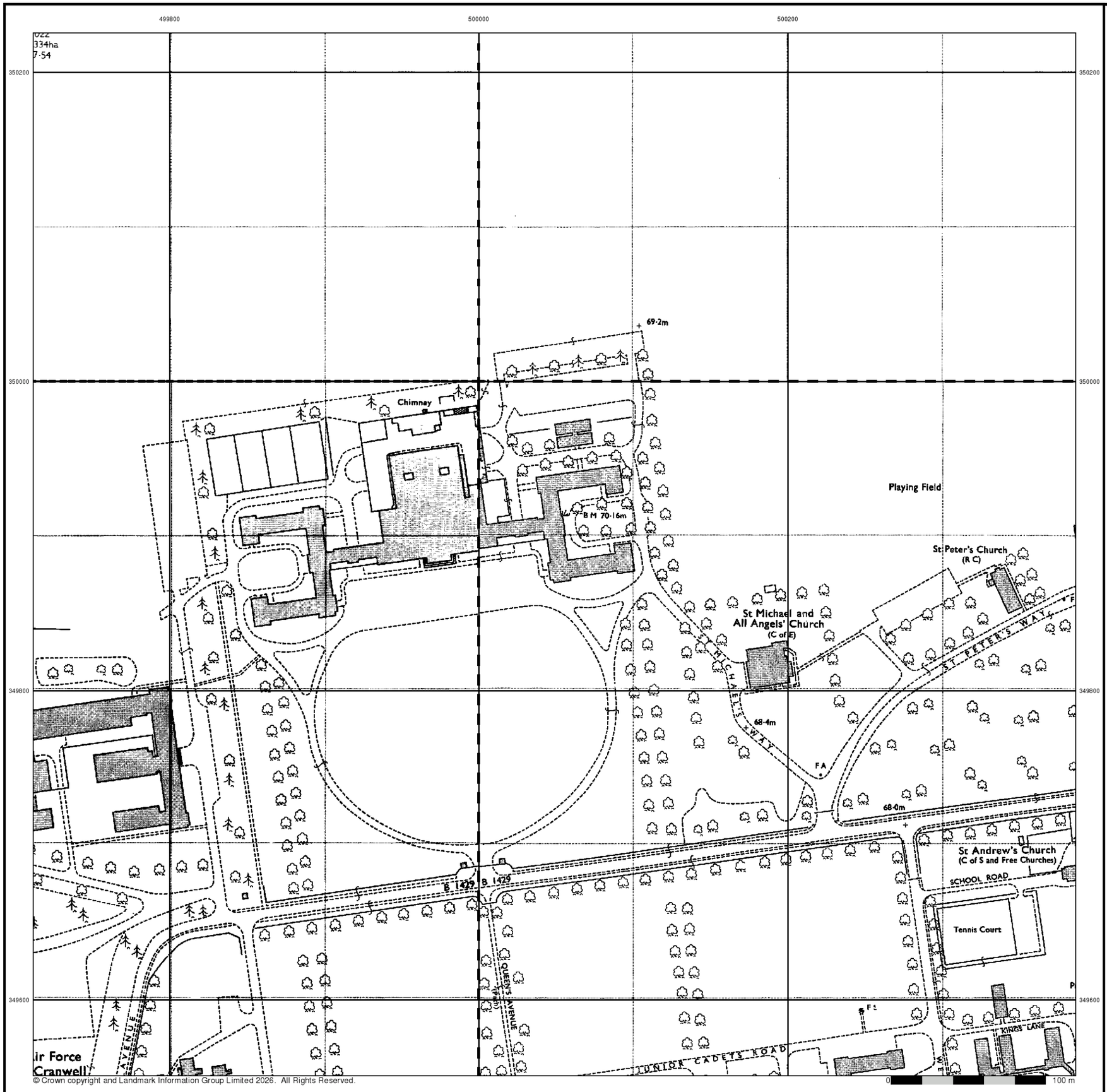
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Ordnance Survey Plan

Published 1976 - 1980

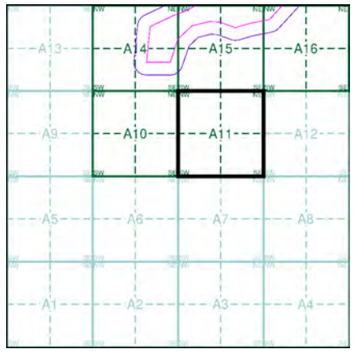
Source map scale - 1:2,500

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)

SK9950 1977 1:2,500	TF0050 1980 1:2,500
SK9949 1976 1:2,500	TF0049 1980 1:2,500

Historical Map - Segment A11



Order Details

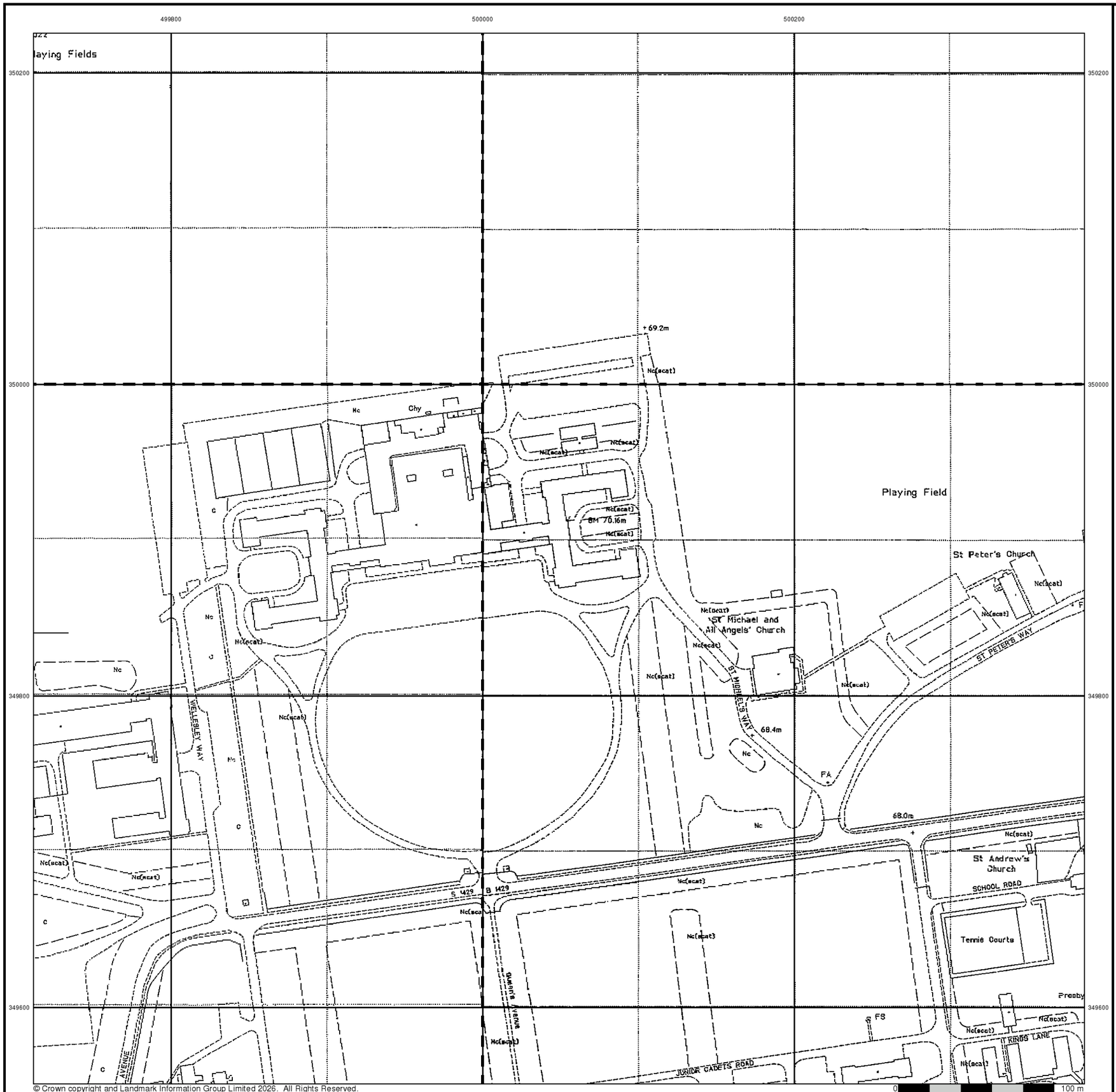
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Large-Scale National Grid Data

Published 1994 - 1995

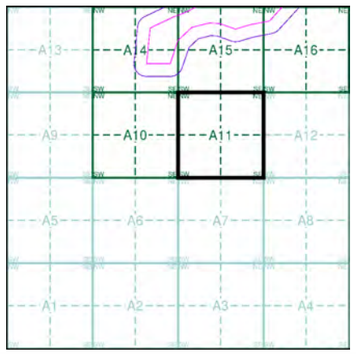
Source map scale - 1:2,500

'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)

SK9950 1994 1:2,500	TF0050 1994 1:2,500
SK9949 1995 1:2,500	TF0049 1994 1:2,500

Historical Map - Segment A11



Order Details

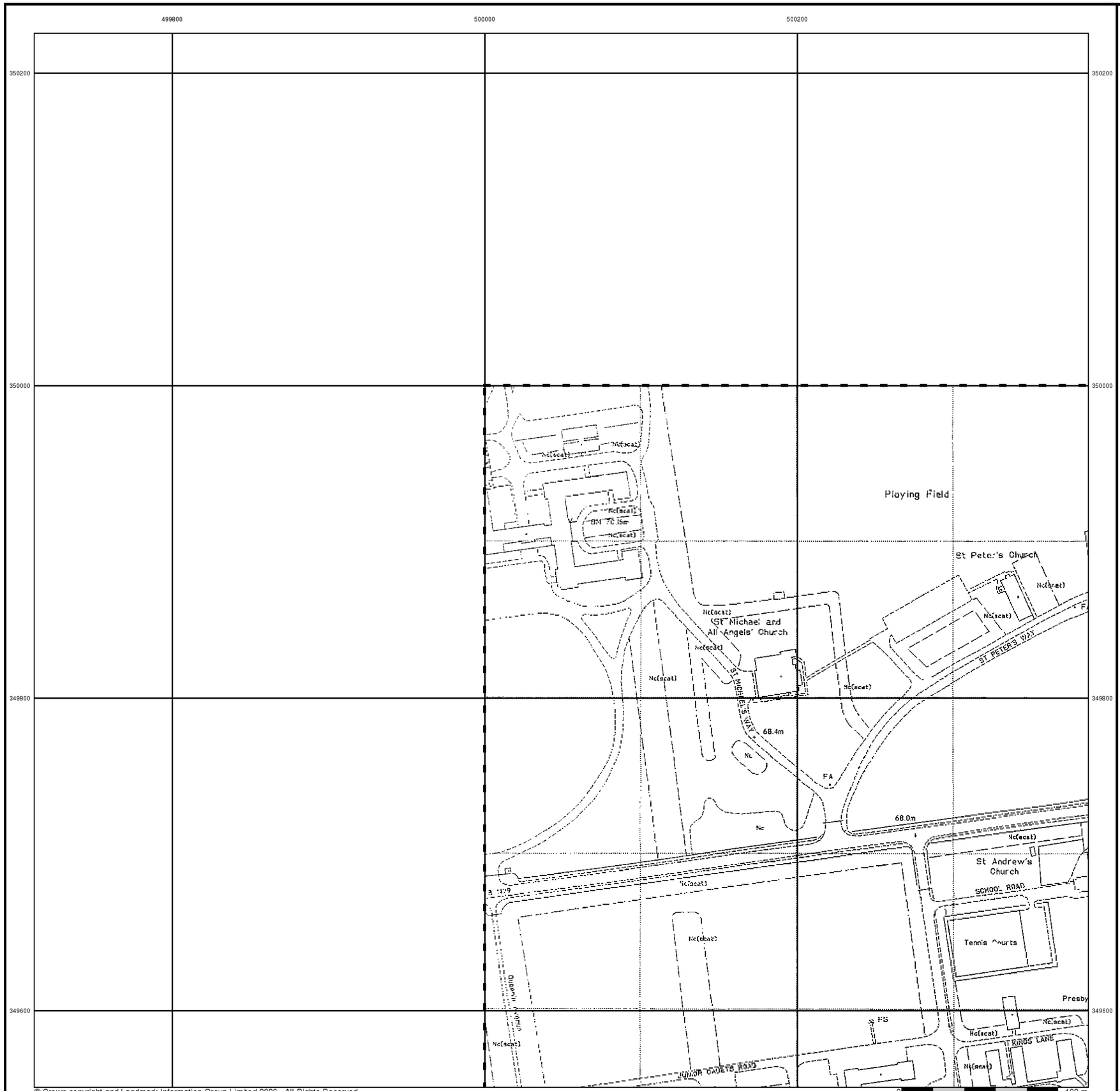
Order Number:	406246422_1_1
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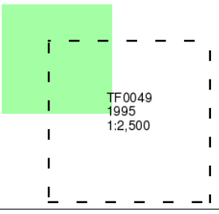
Large-Scale National Grid Data

Published 1995

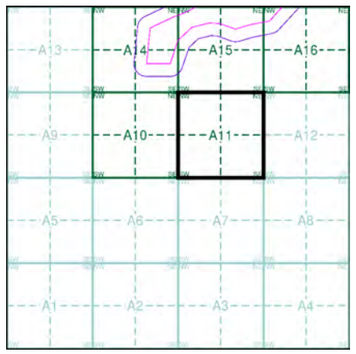
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

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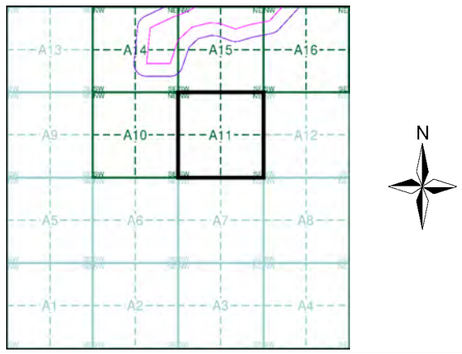
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Historical Aerial Photography

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



Order Details

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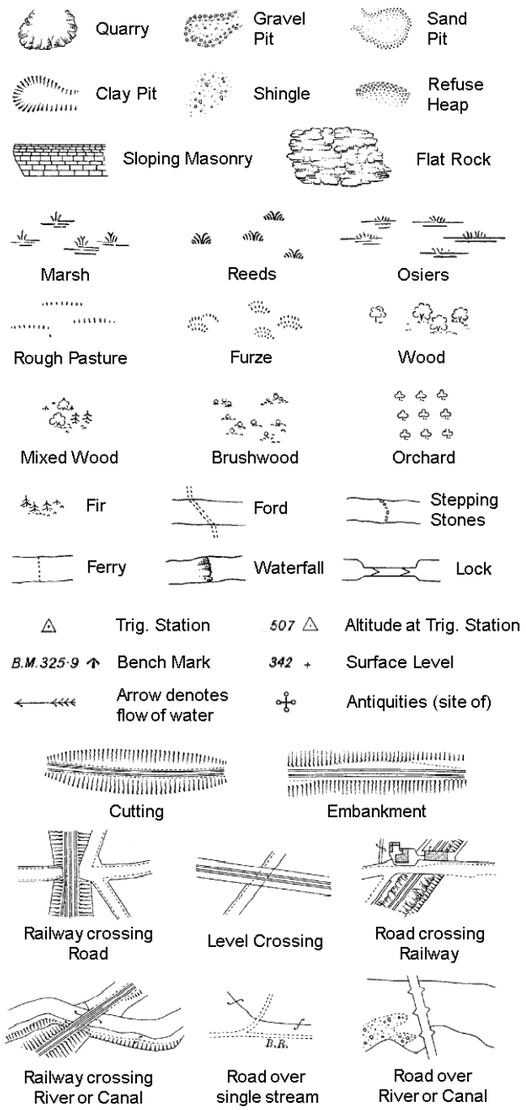
1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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Historical Mapping Legends

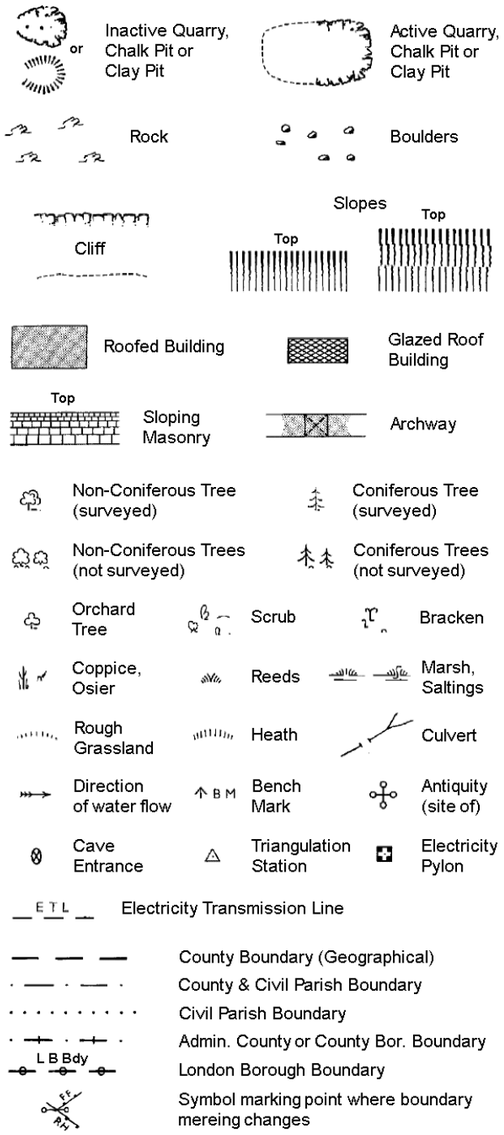
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
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M.P M.R	Mooring Post or Ring	W	Well

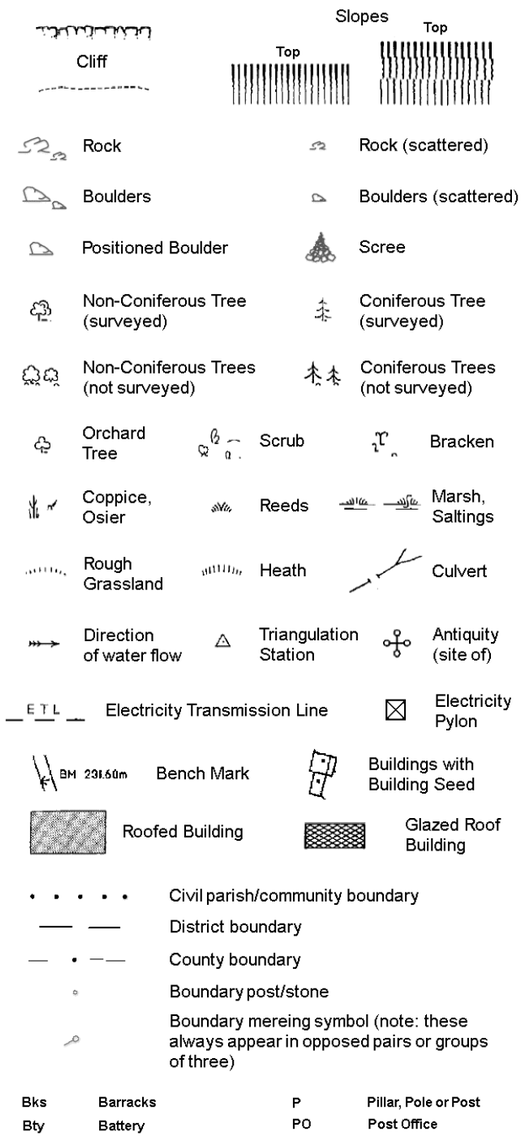
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
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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
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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)

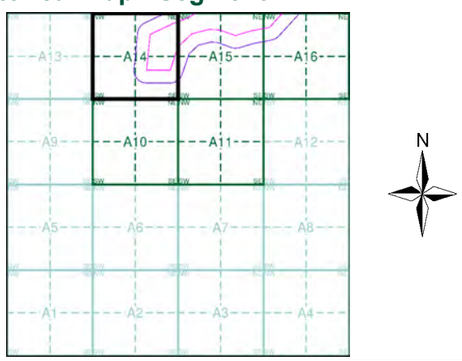
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
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MH	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
Lincolnshire	1:2,500	1887	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1977	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A14



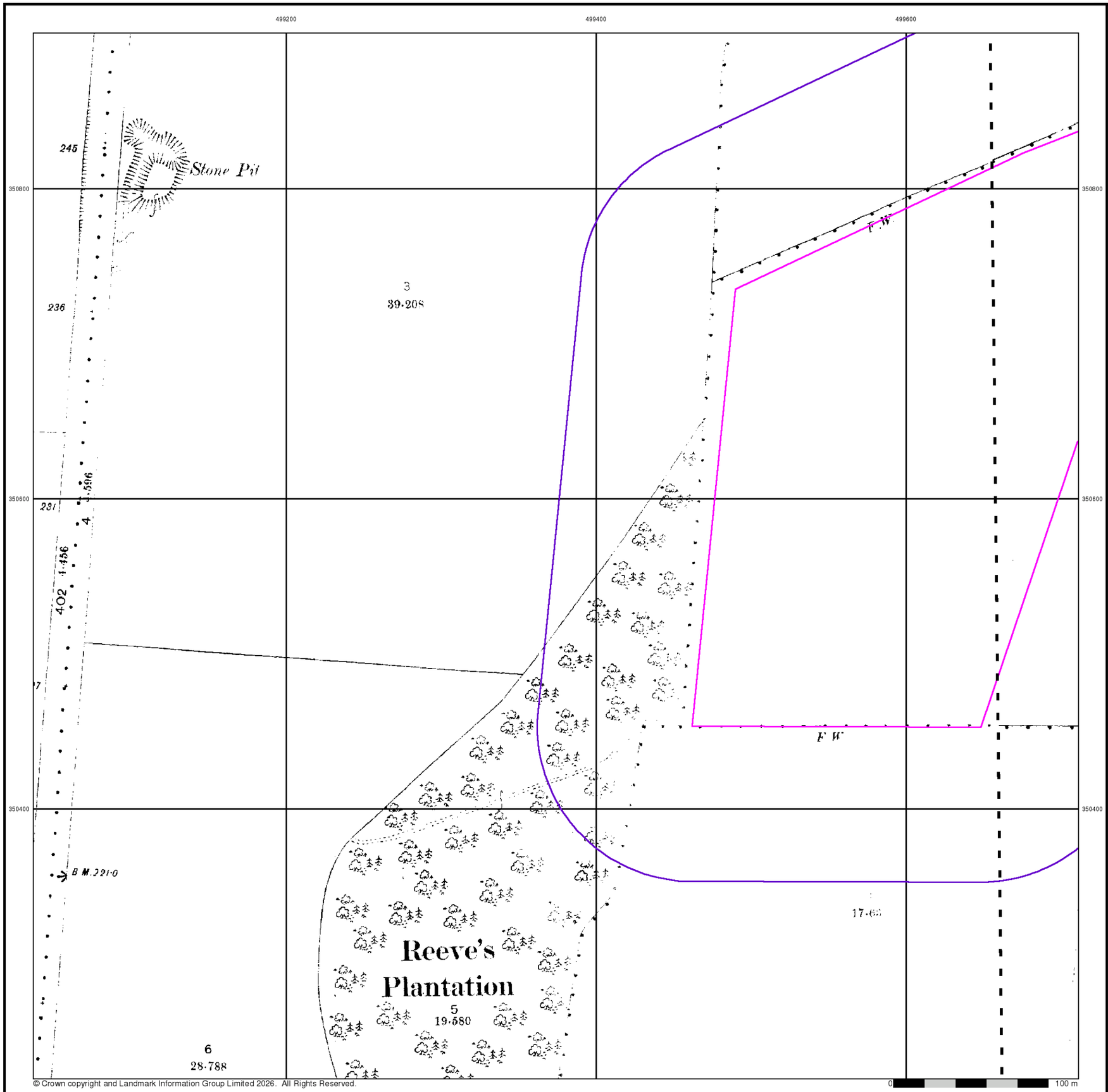
Order Details

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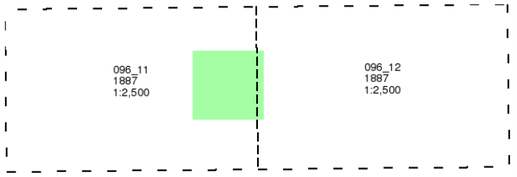
Lincolnshire

Published 1887

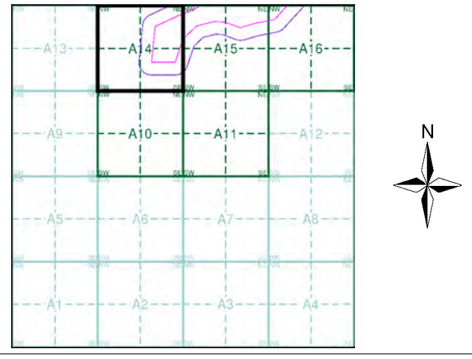
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment A14



Order Details

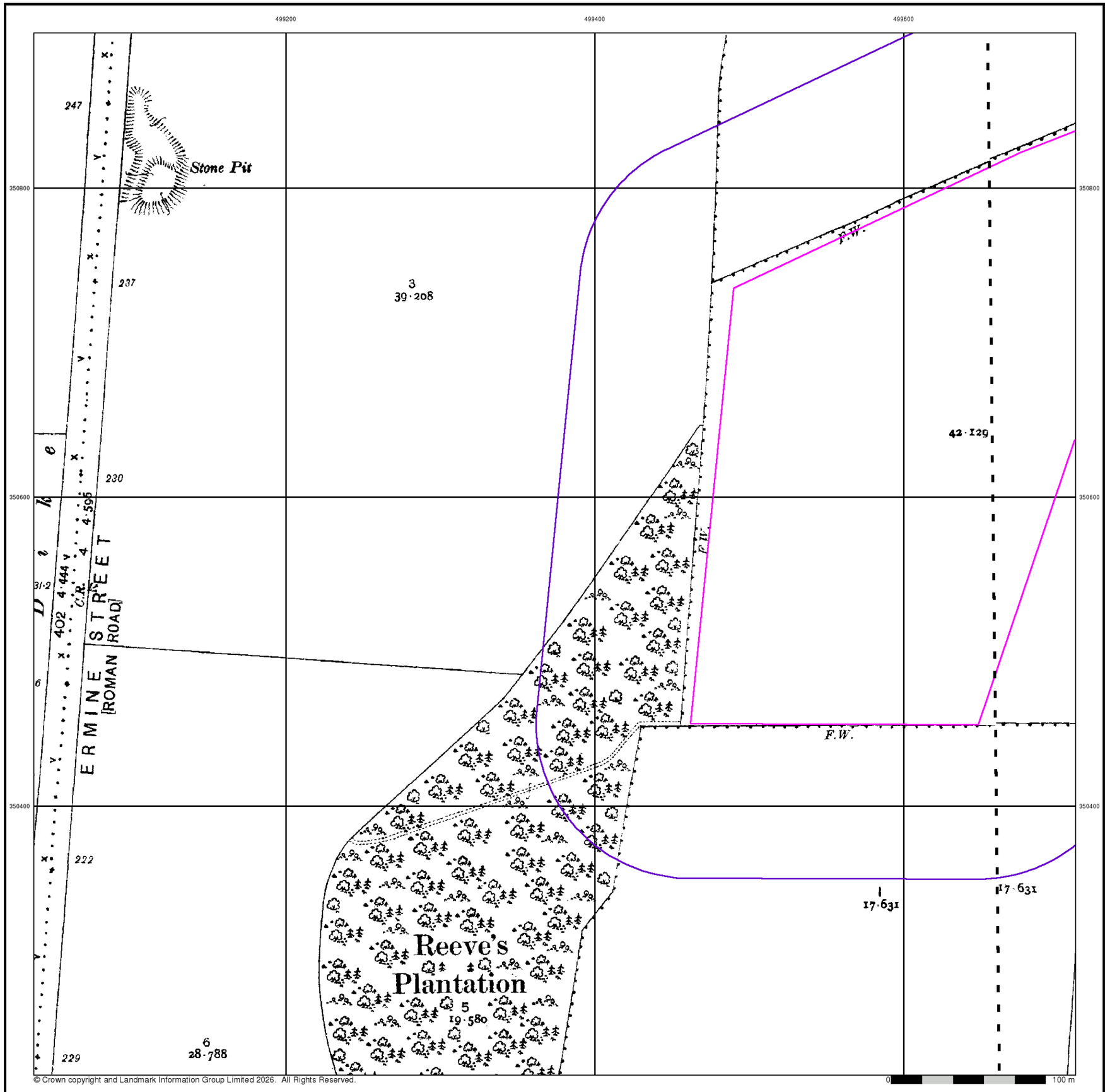
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Slice:	A
Site Area (Ha):	259.07
Search Buffer (m):	100

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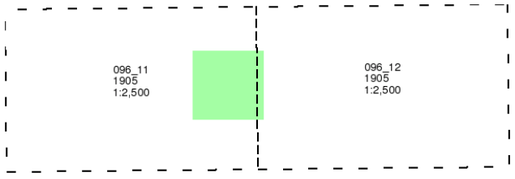
Lincolnshire

Published 1905

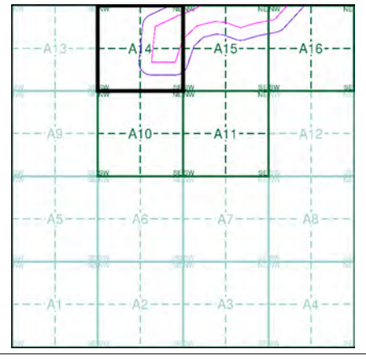
Source map scale - 1:2,500

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



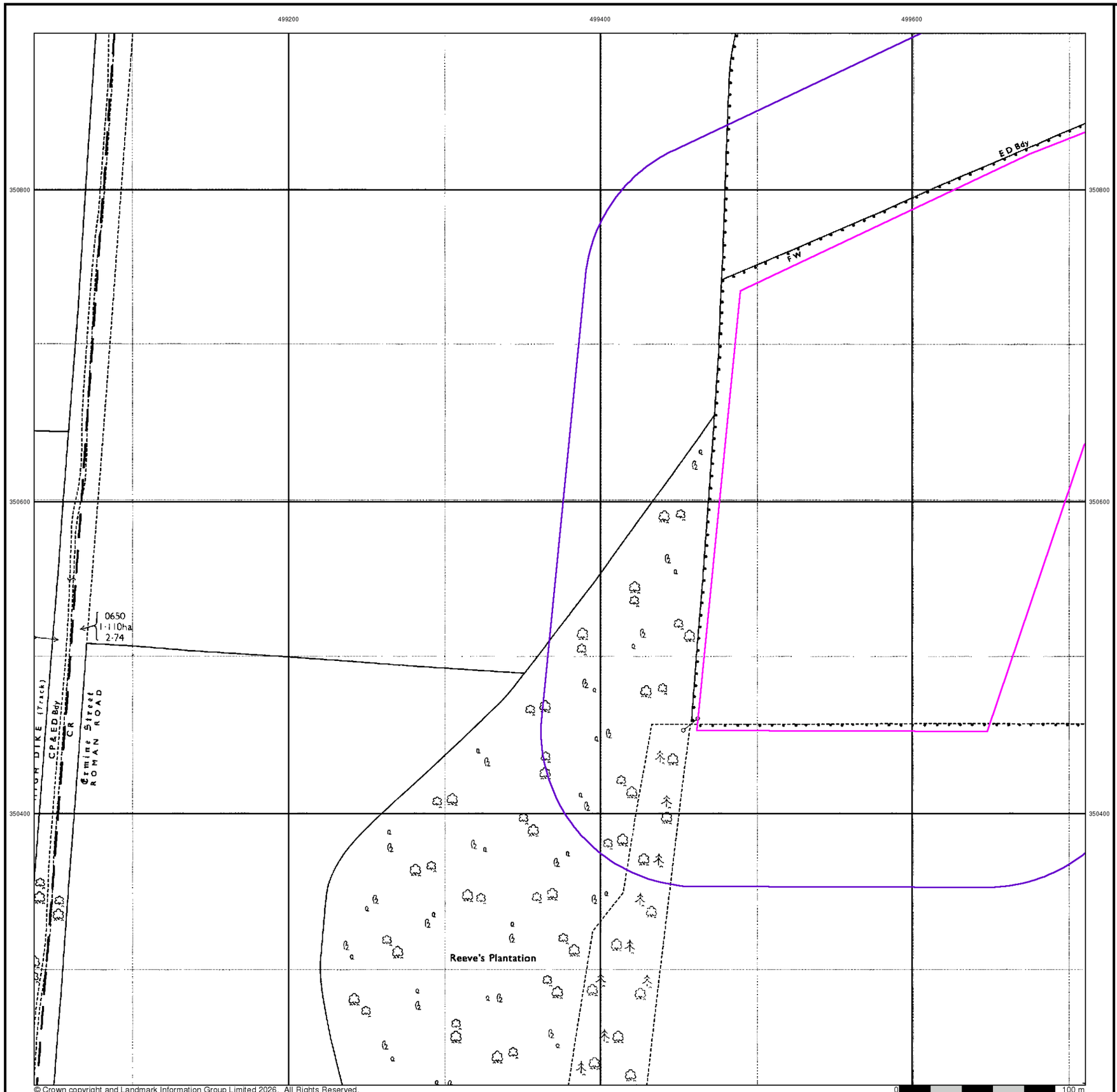
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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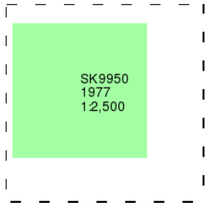
Ordnance Survey Plan

Published 1977

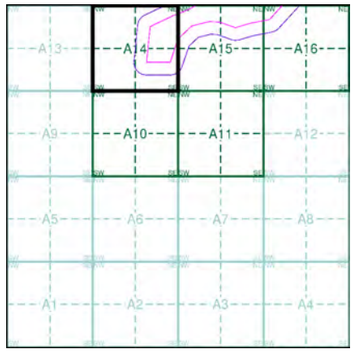
Source map scale - 1:2,500

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

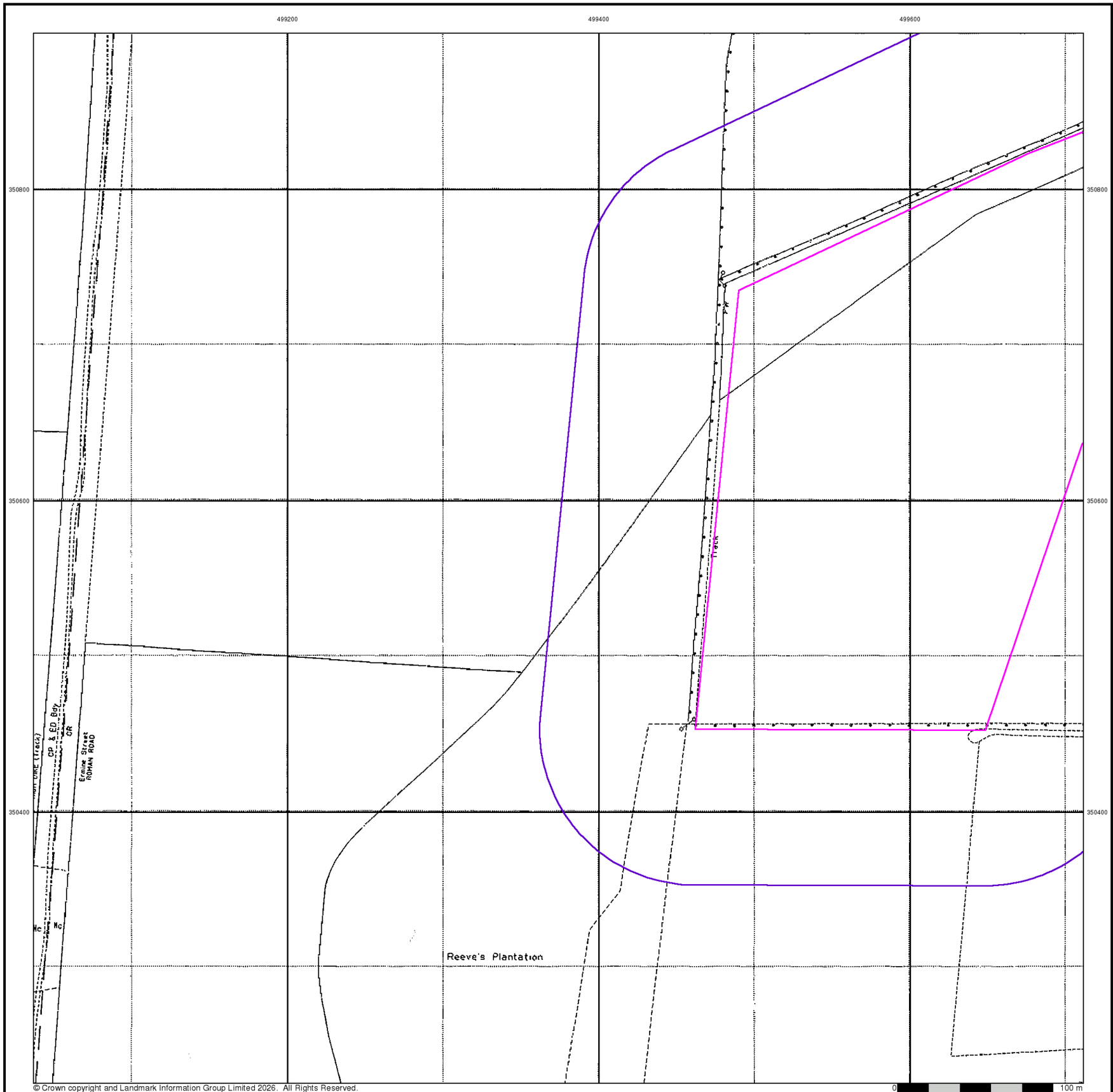


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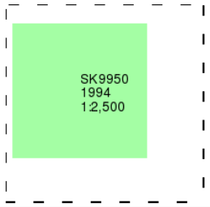
Large-Scale National Grid Data

Published 1994

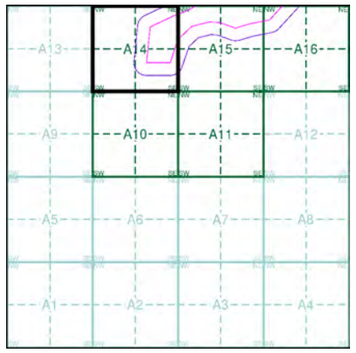
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A14



Order Details

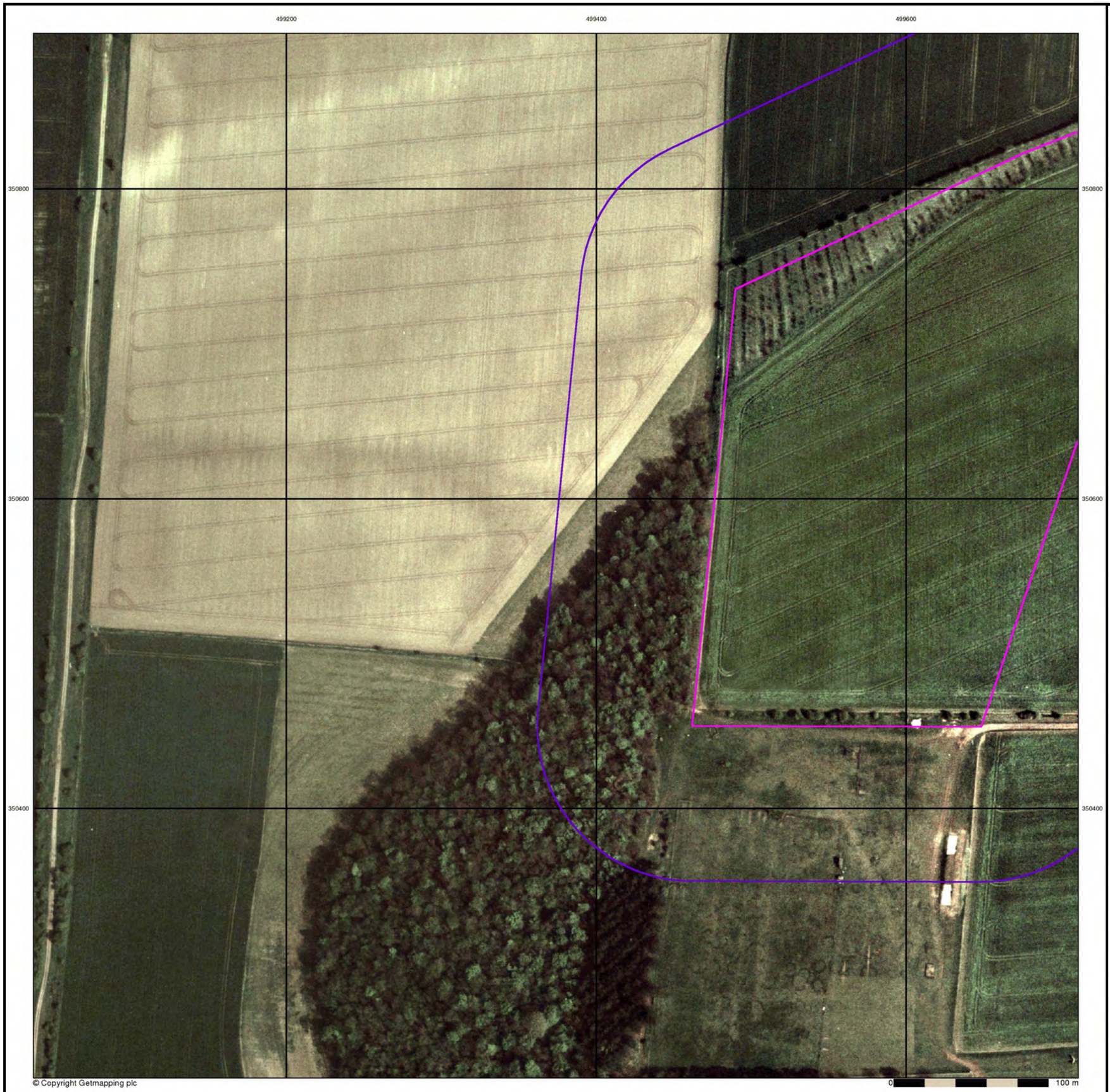
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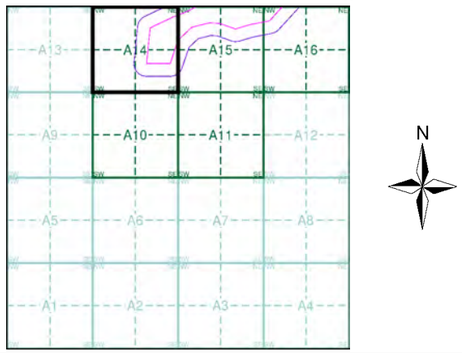
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Historical Aerial Photography

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 A14



Order Details

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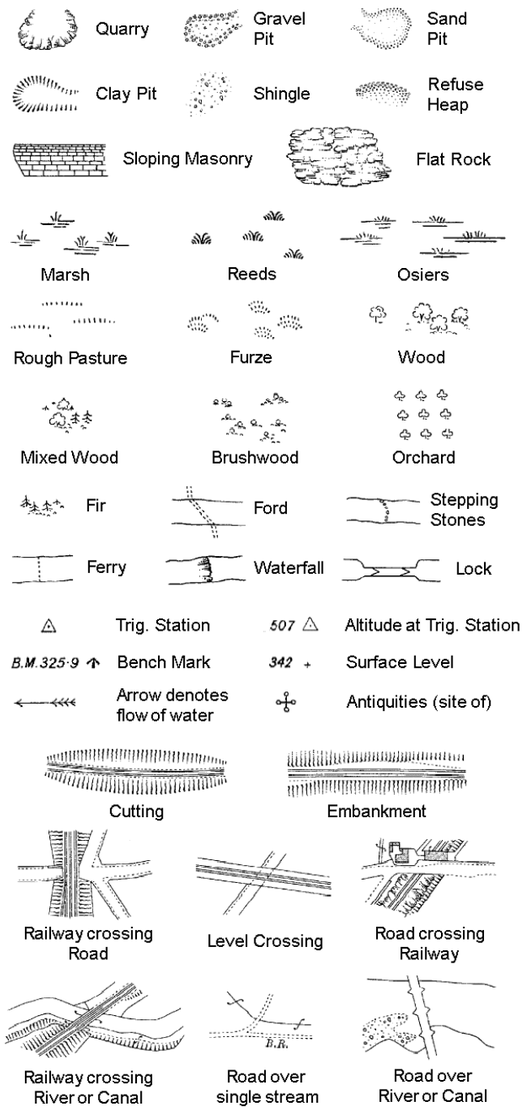
1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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Historical Mapping Legends

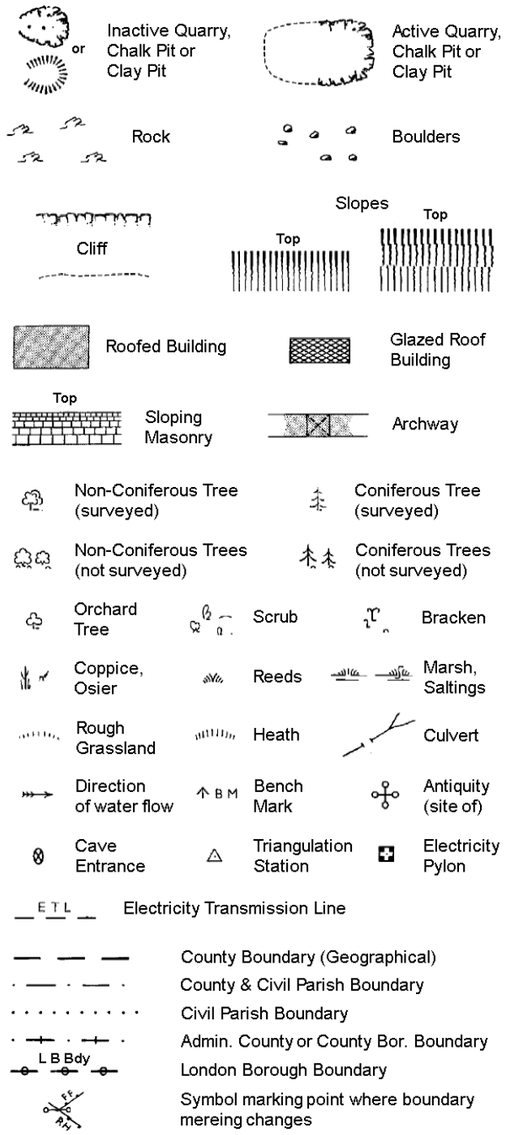
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

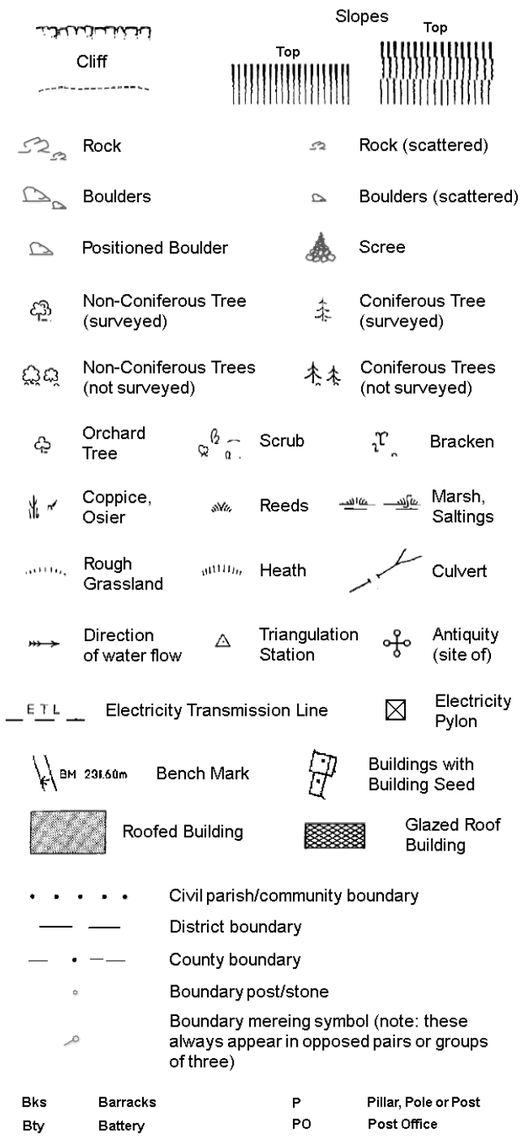
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

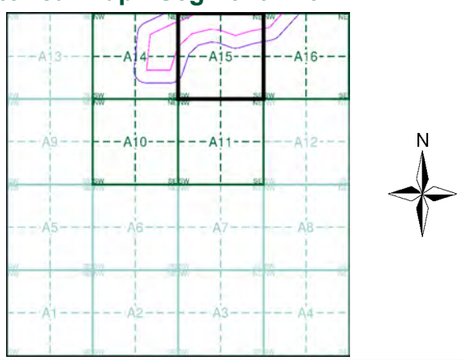
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1887	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1977 - 1980	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A15



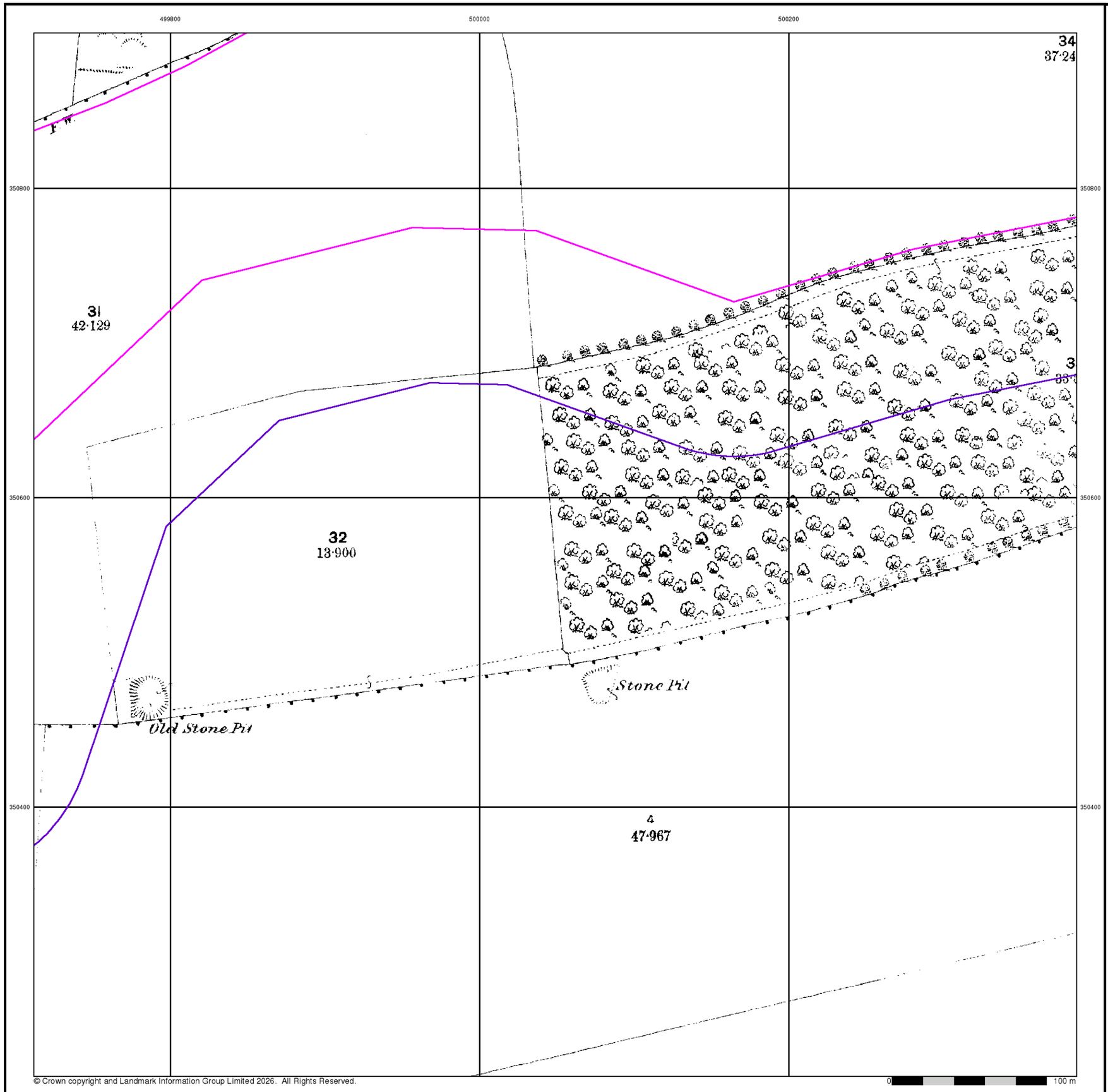
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Customer Ref: 323777
National Grid Reference: 499790, 350240
Slice: A
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

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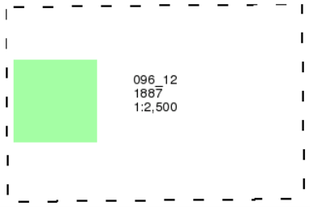
Lincolnshire

Published 1887

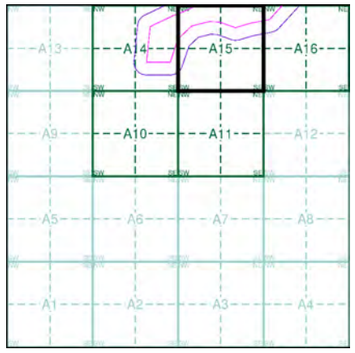
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A15



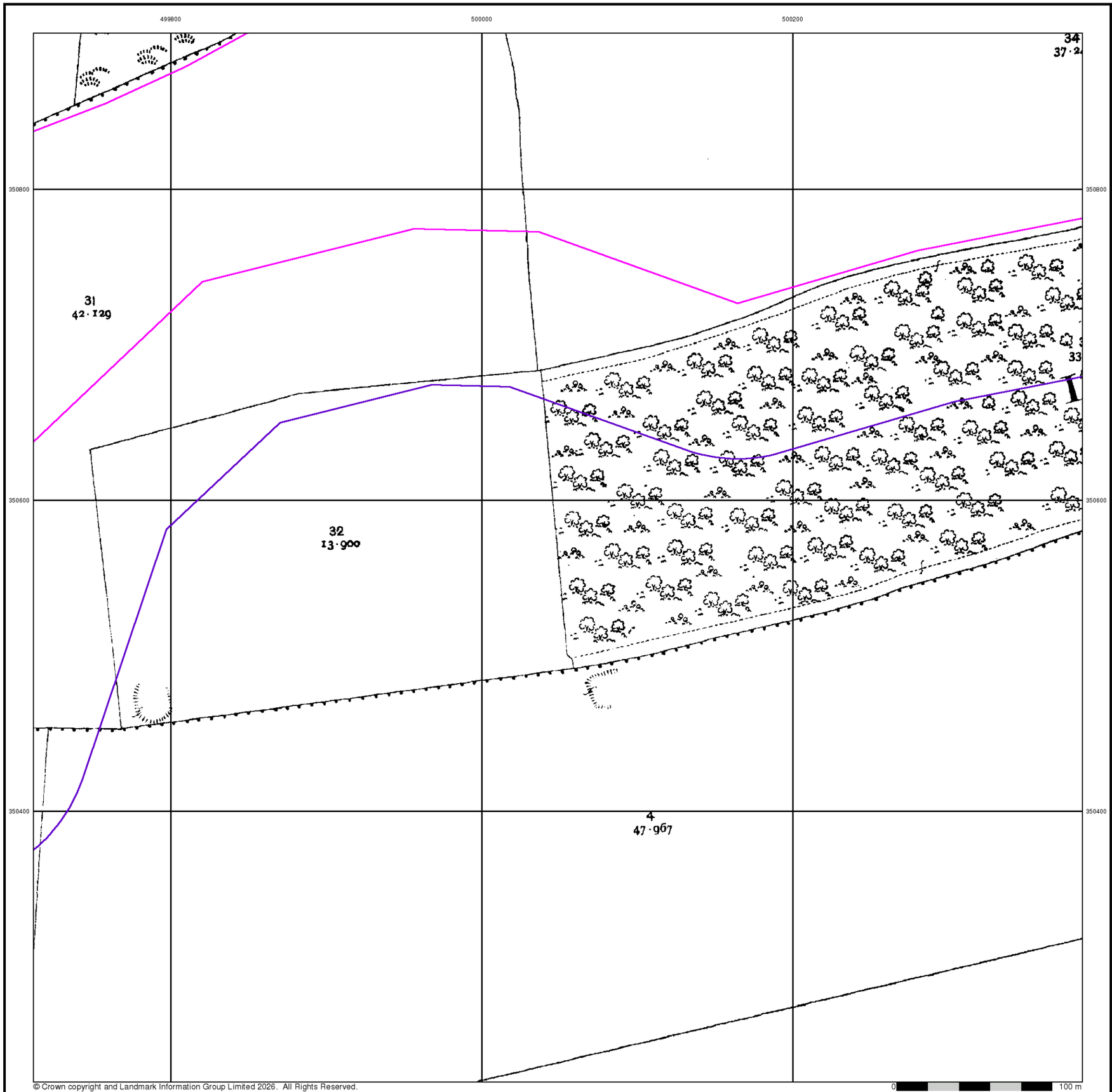
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Slice:	A
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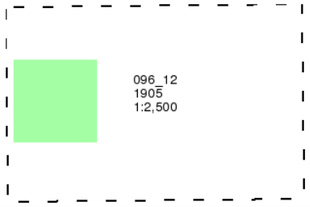
Lincolnshire

Published 1905

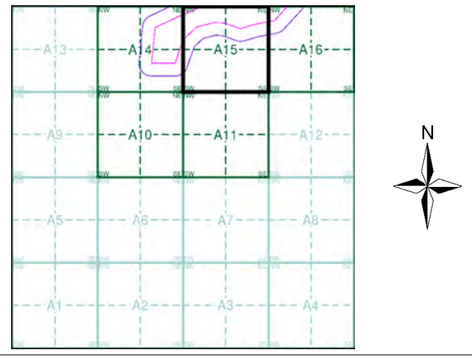
Source map scale - 1:2,500

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Historical Map - Segment A15



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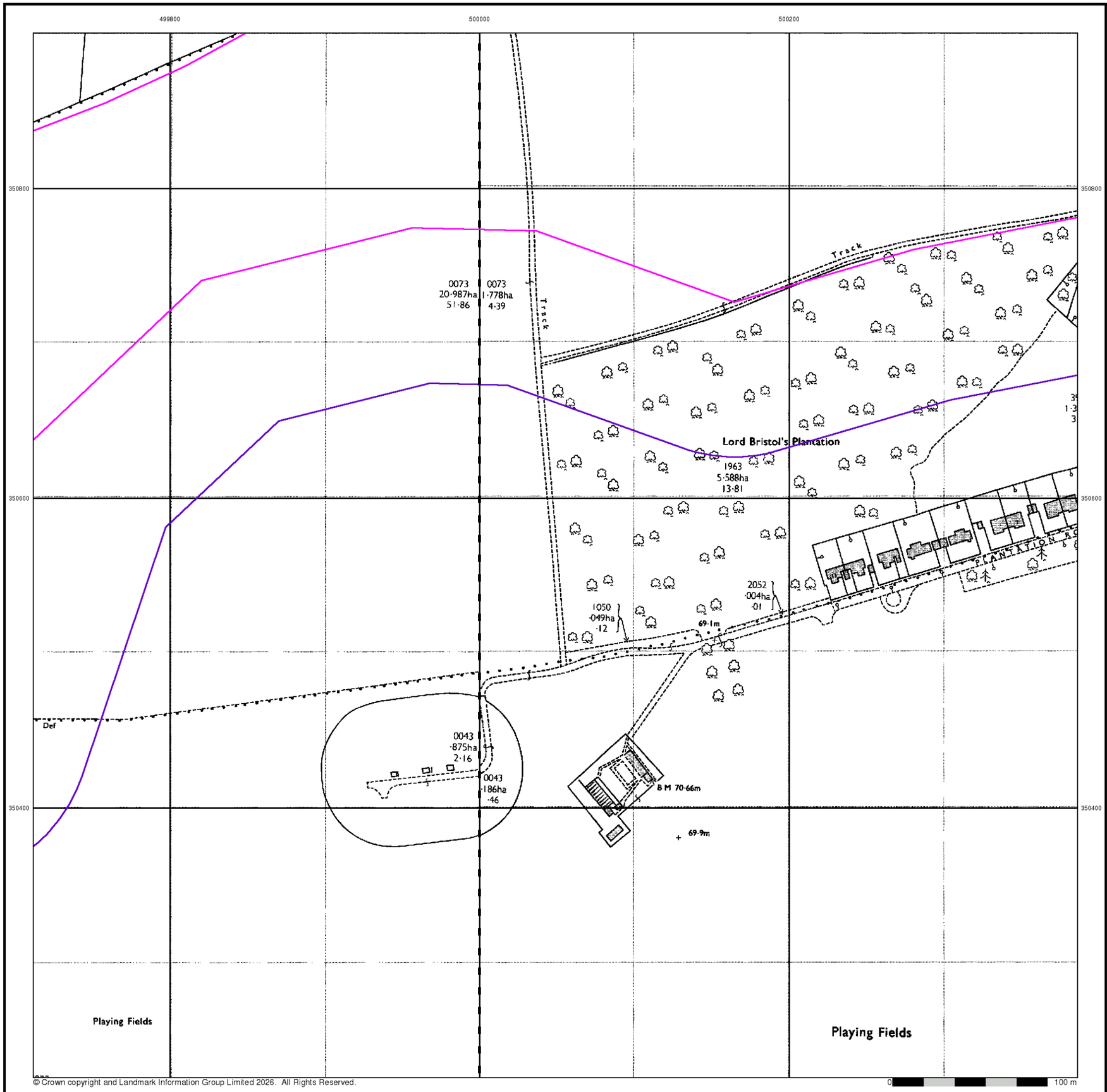
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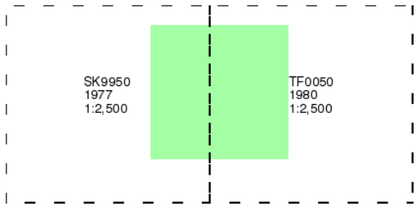
Ordnance Survey Plan

Published 1977 - 1980

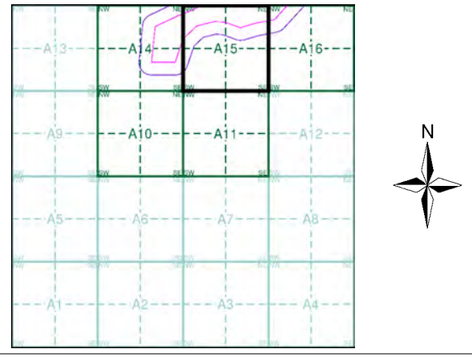
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A15



Order Details

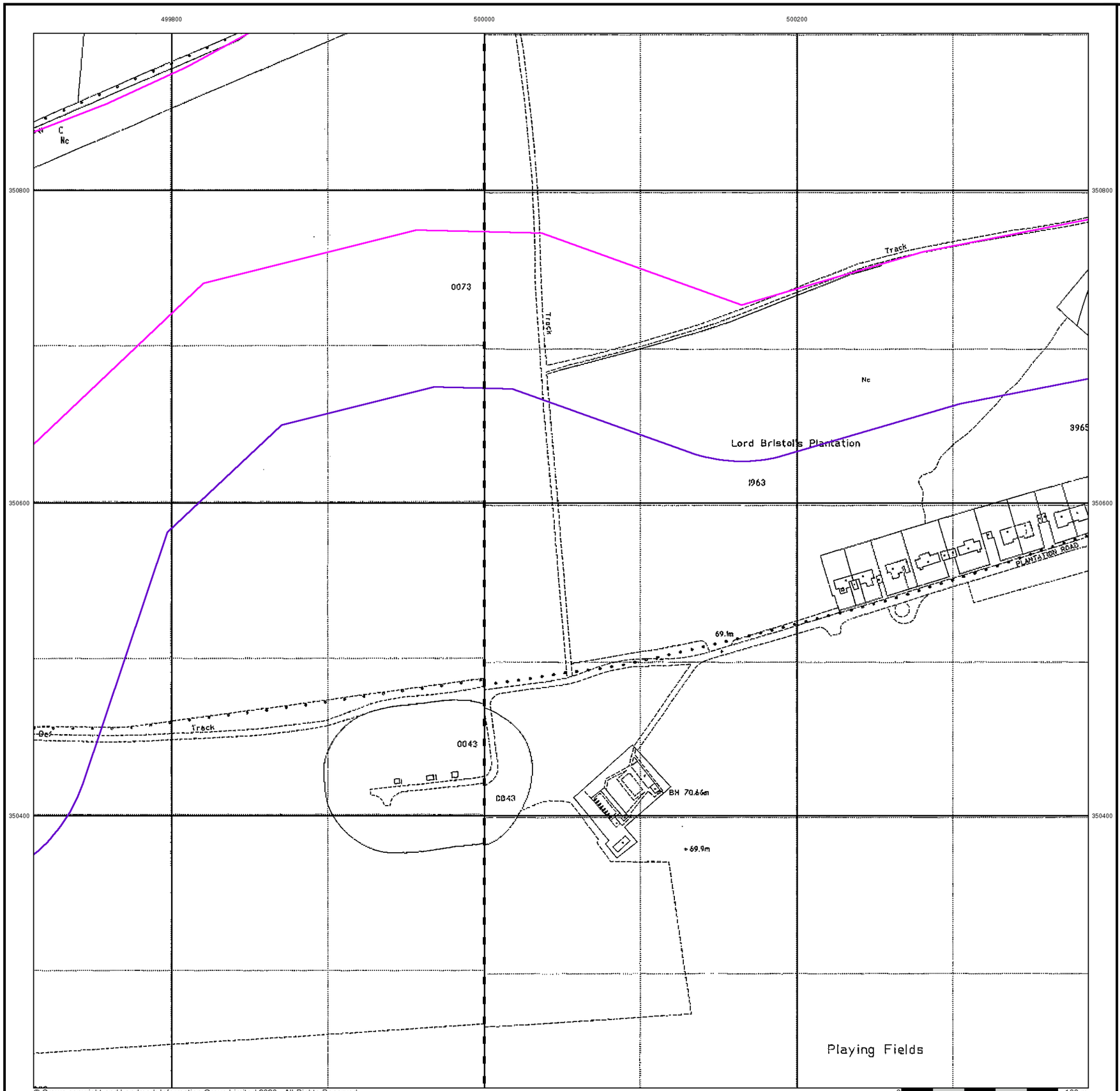
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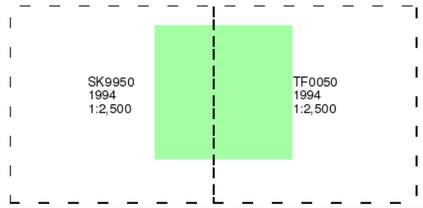
Large-Scale National Grid Data

Published 1994

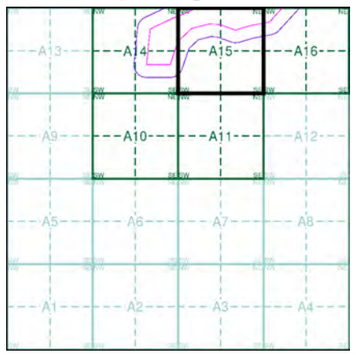
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A15



Order Details

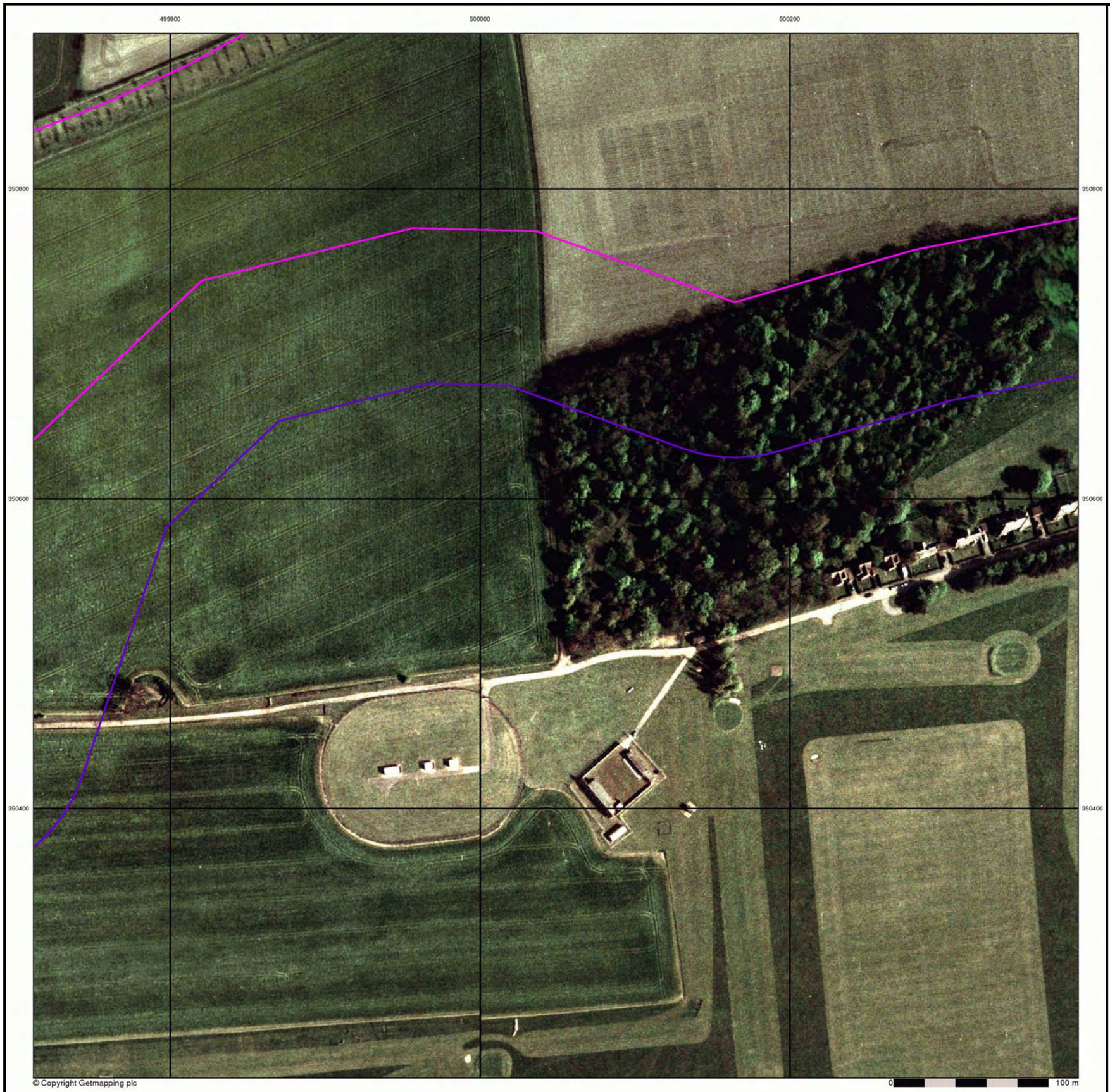
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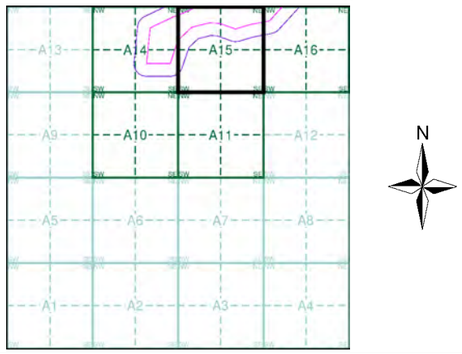
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Historical Aerial Photography

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



Order Details

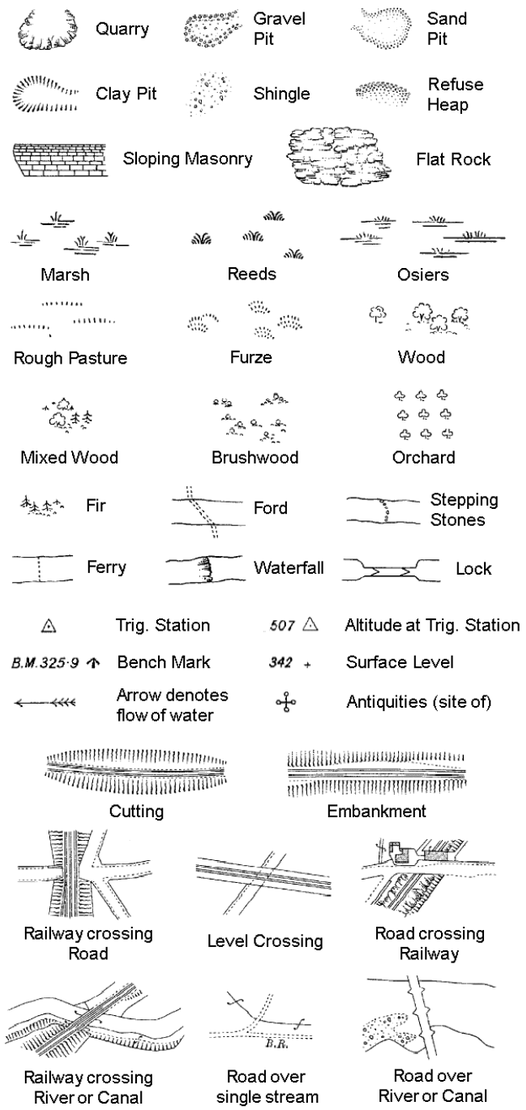
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Historical Mapping Legends

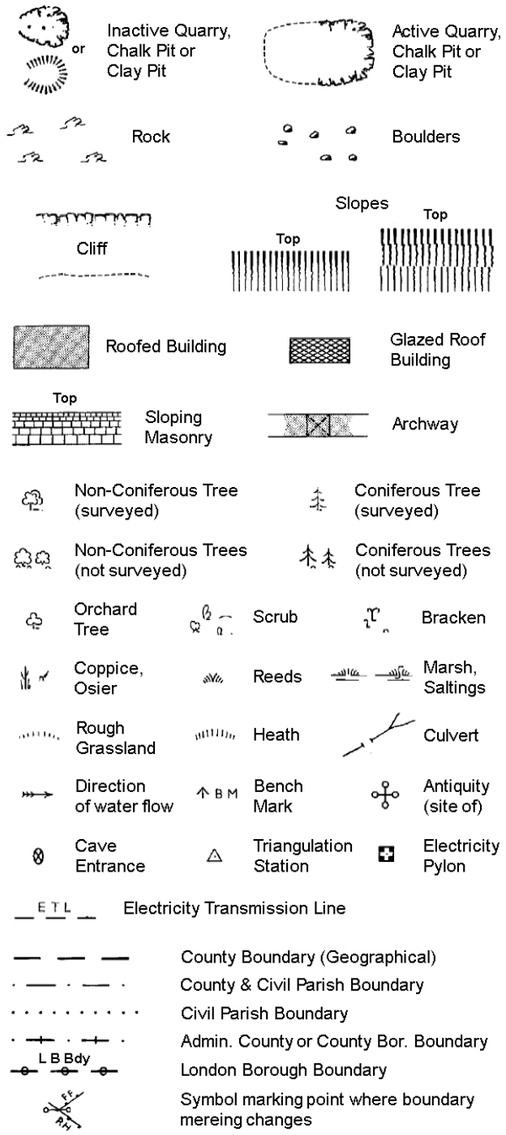
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

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M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

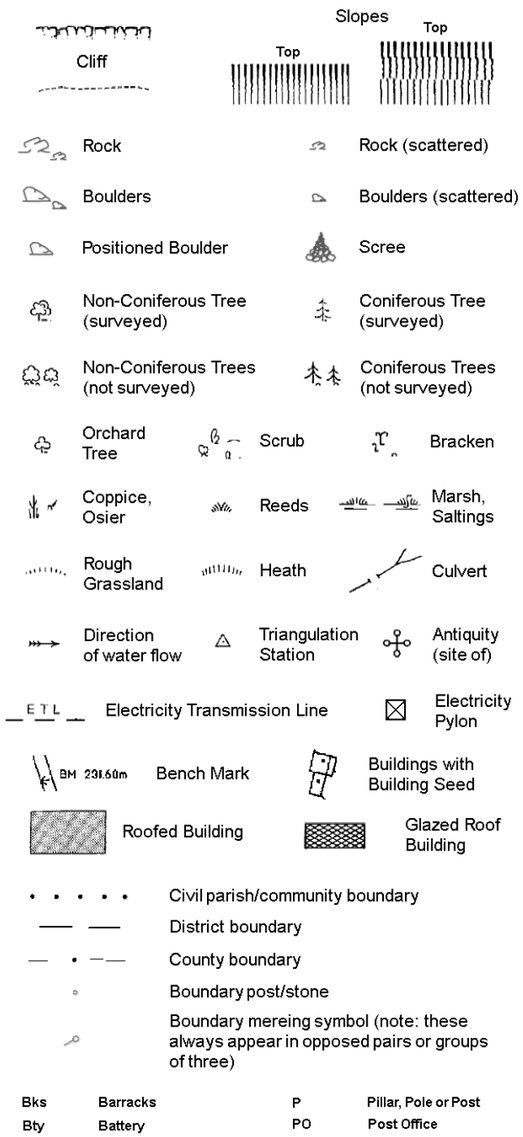
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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
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GP	Guide Post	Tk	Tank or Track
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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)

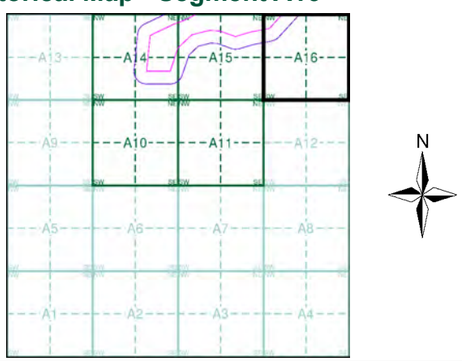
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1887	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1980	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A16



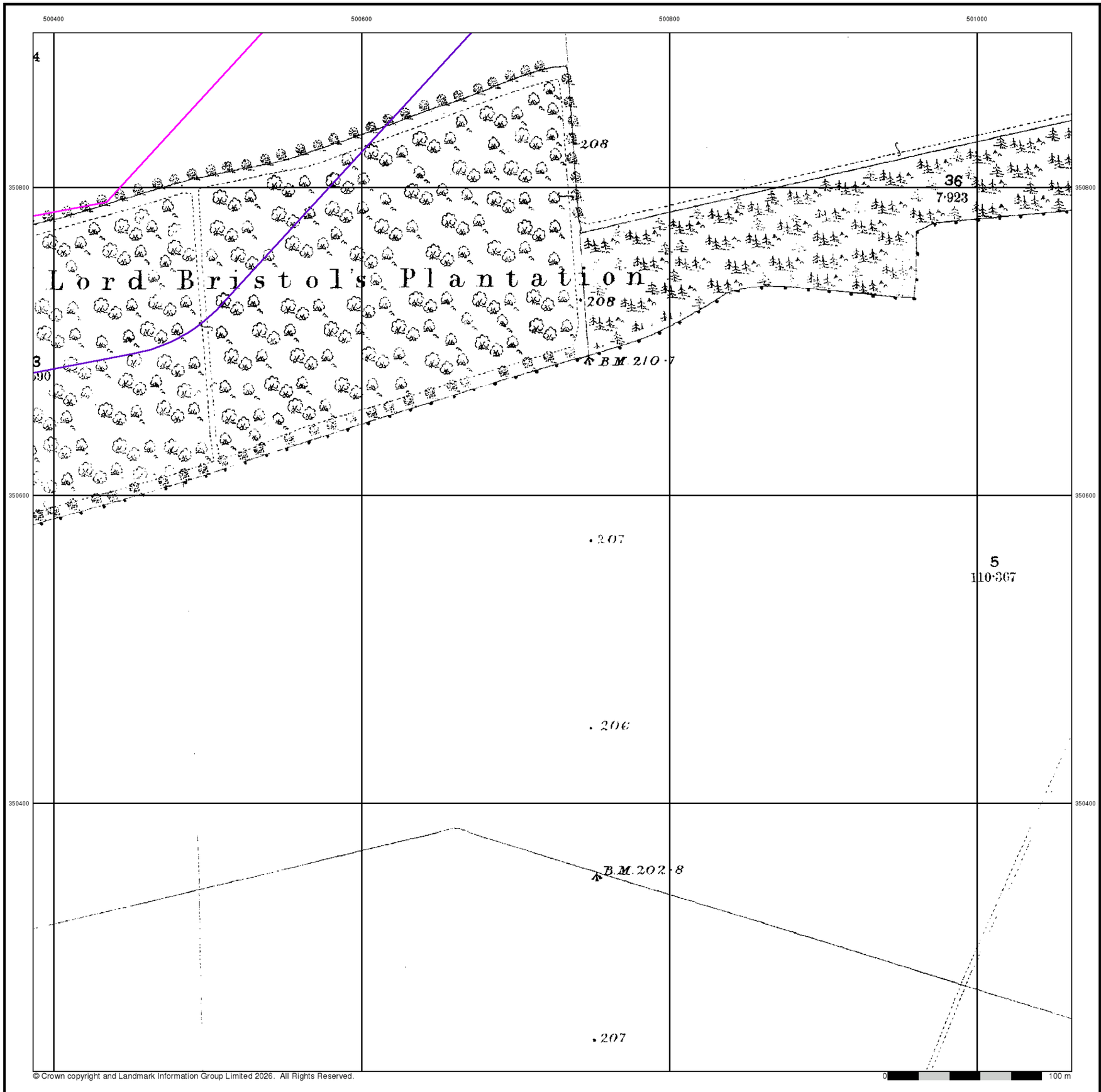
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National Grid Reference: 499790, 350240
Slice: A
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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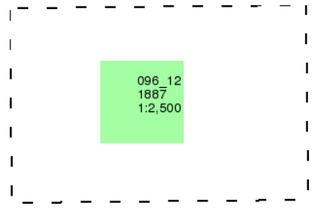
Lincolnshire

Published 1887

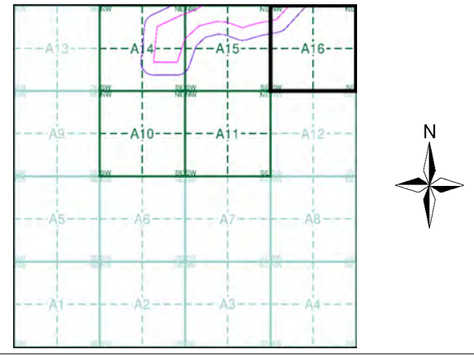
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment A16



Order Details

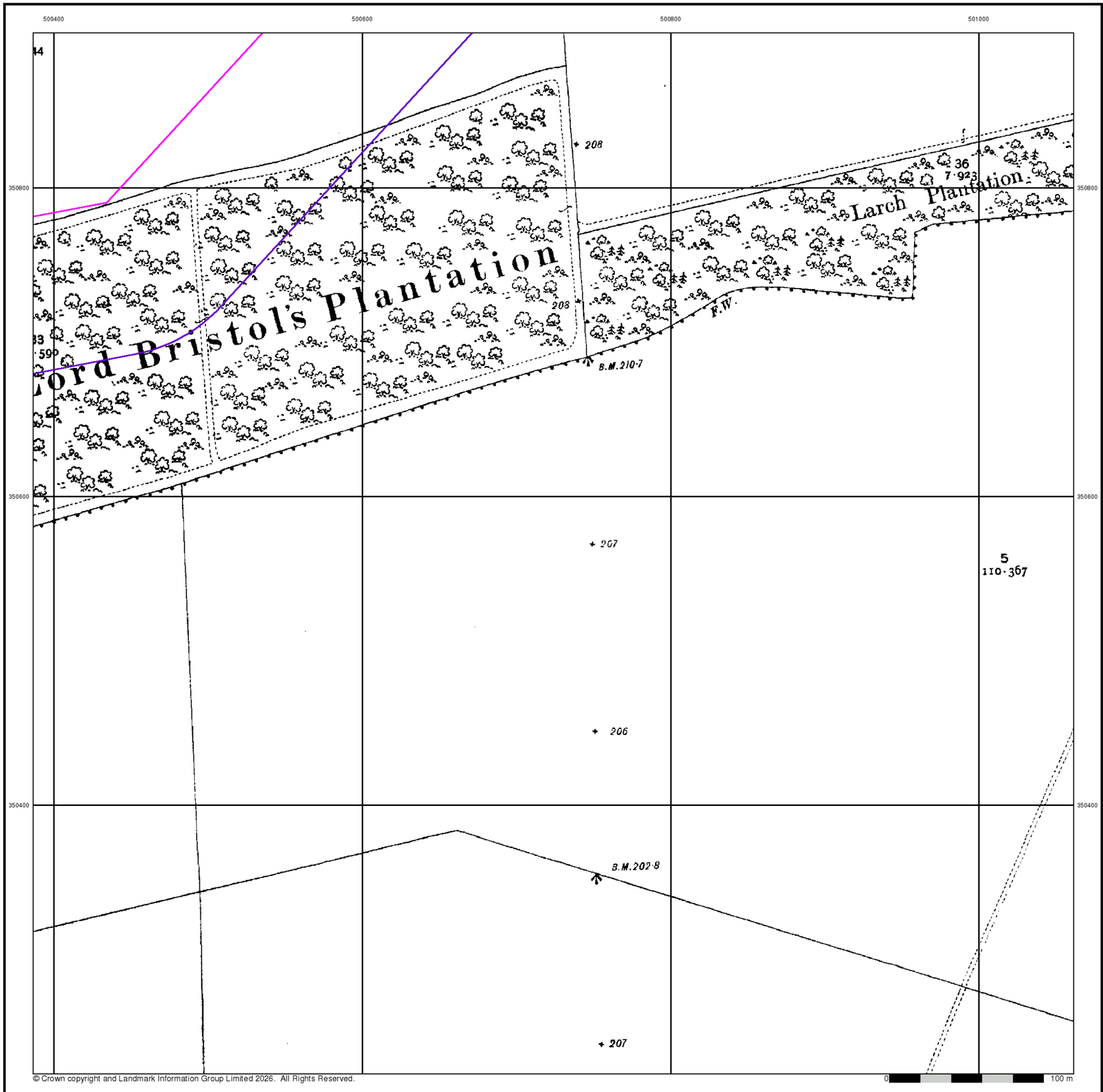
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Slice:	A
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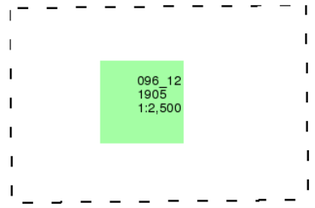
Lincolnshire

Published 1905

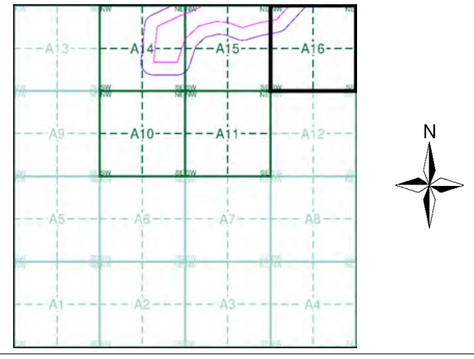
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)



Historical Map - Segment A16



Order Details

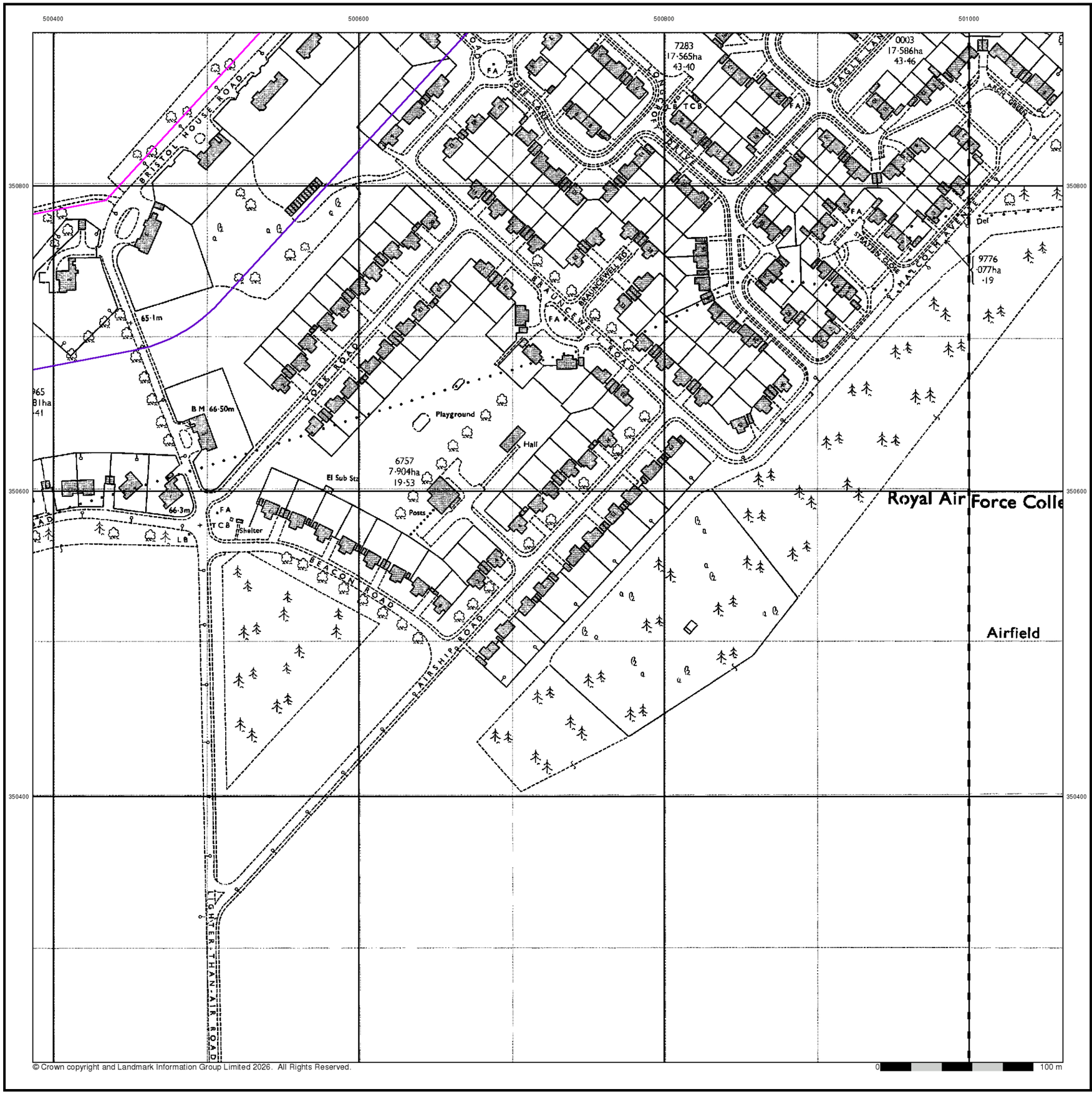
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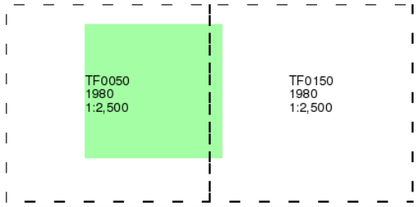
Ordnance Survey Plan

Published 1980

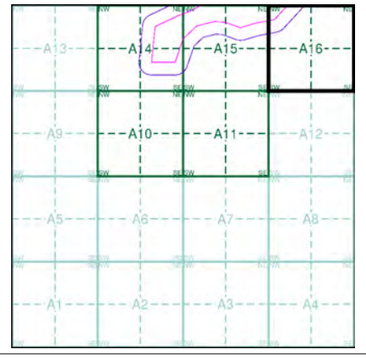
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A16



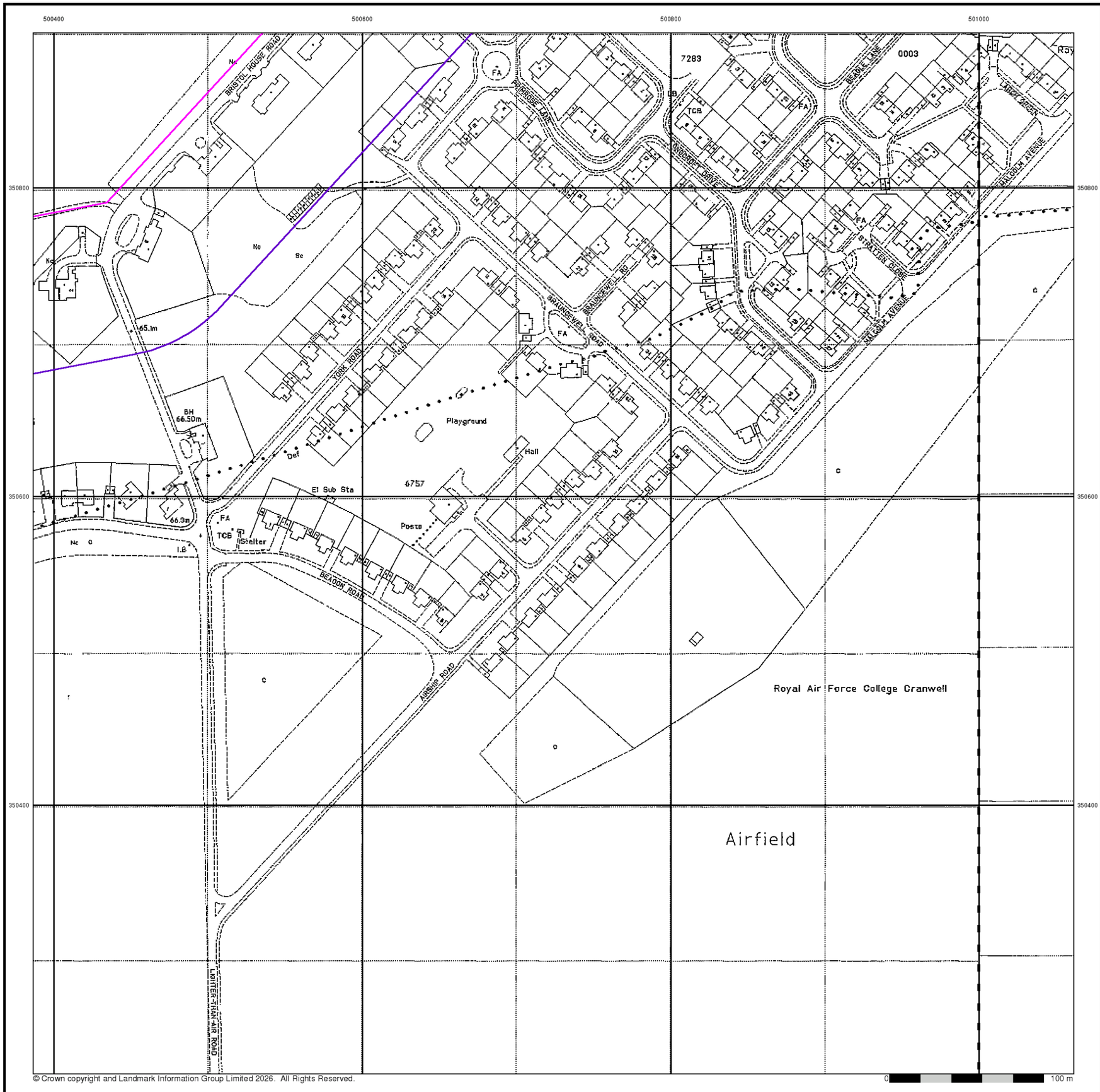
Order Details

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Customer Ref:	323777
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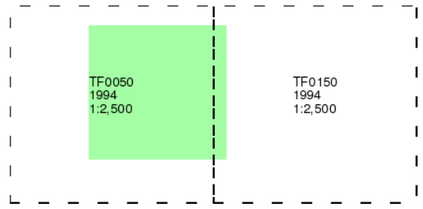
Large-Scale National Grid Data

Published 1994

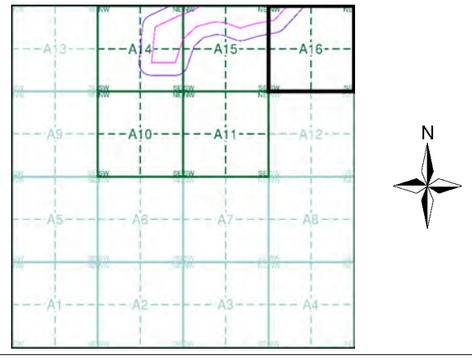
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A16



Order Details

Order Number:	406246422_1_1
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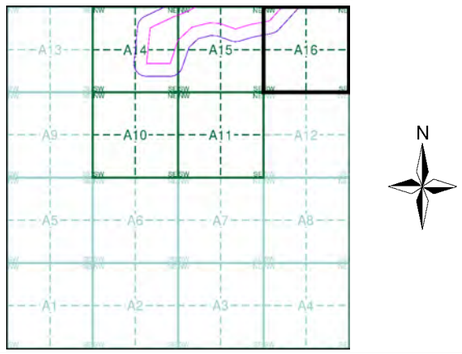
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Historical Aerial Photography

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 A16

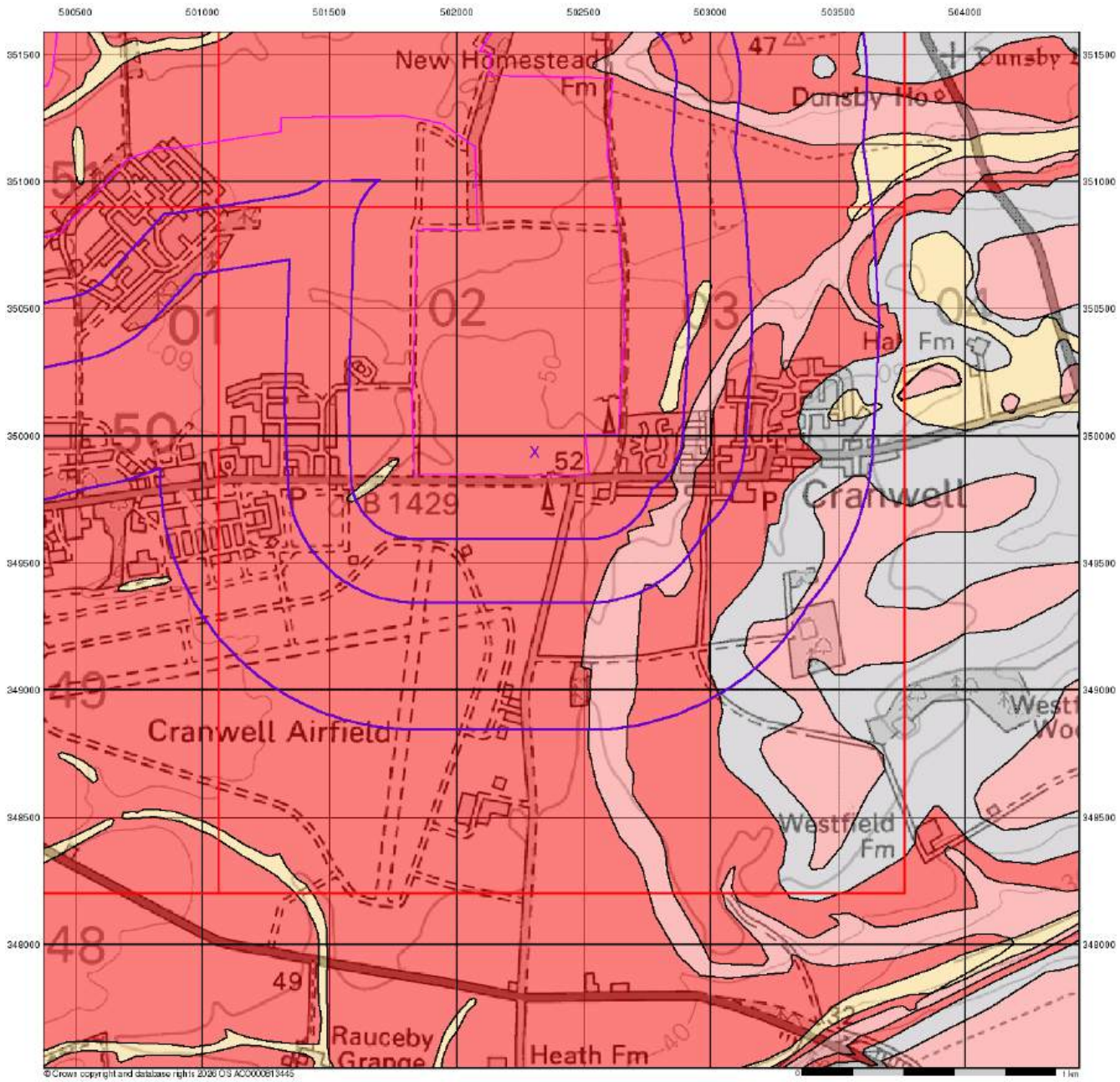


Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	499790, 350240
Slice:	A
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Site Details

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Groundwater Vulnerability

General

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

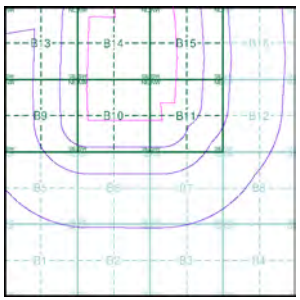
Agency and Hydrological

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

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice B



Order Details

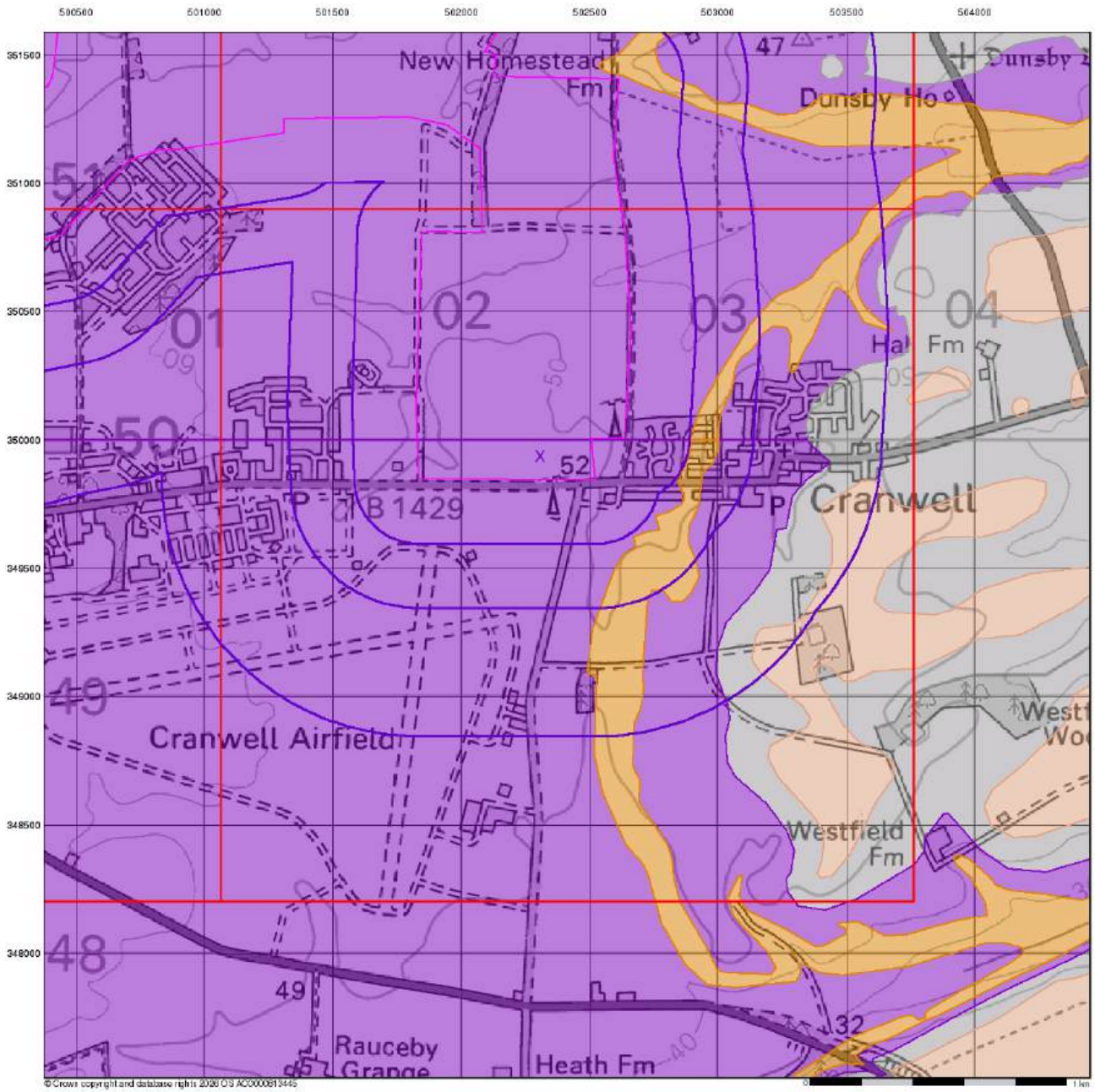
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

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Bedrock Aquifer Designation

General

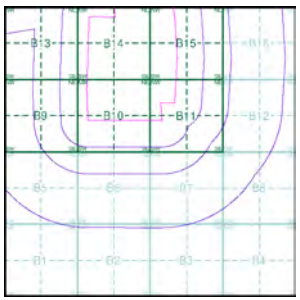
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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

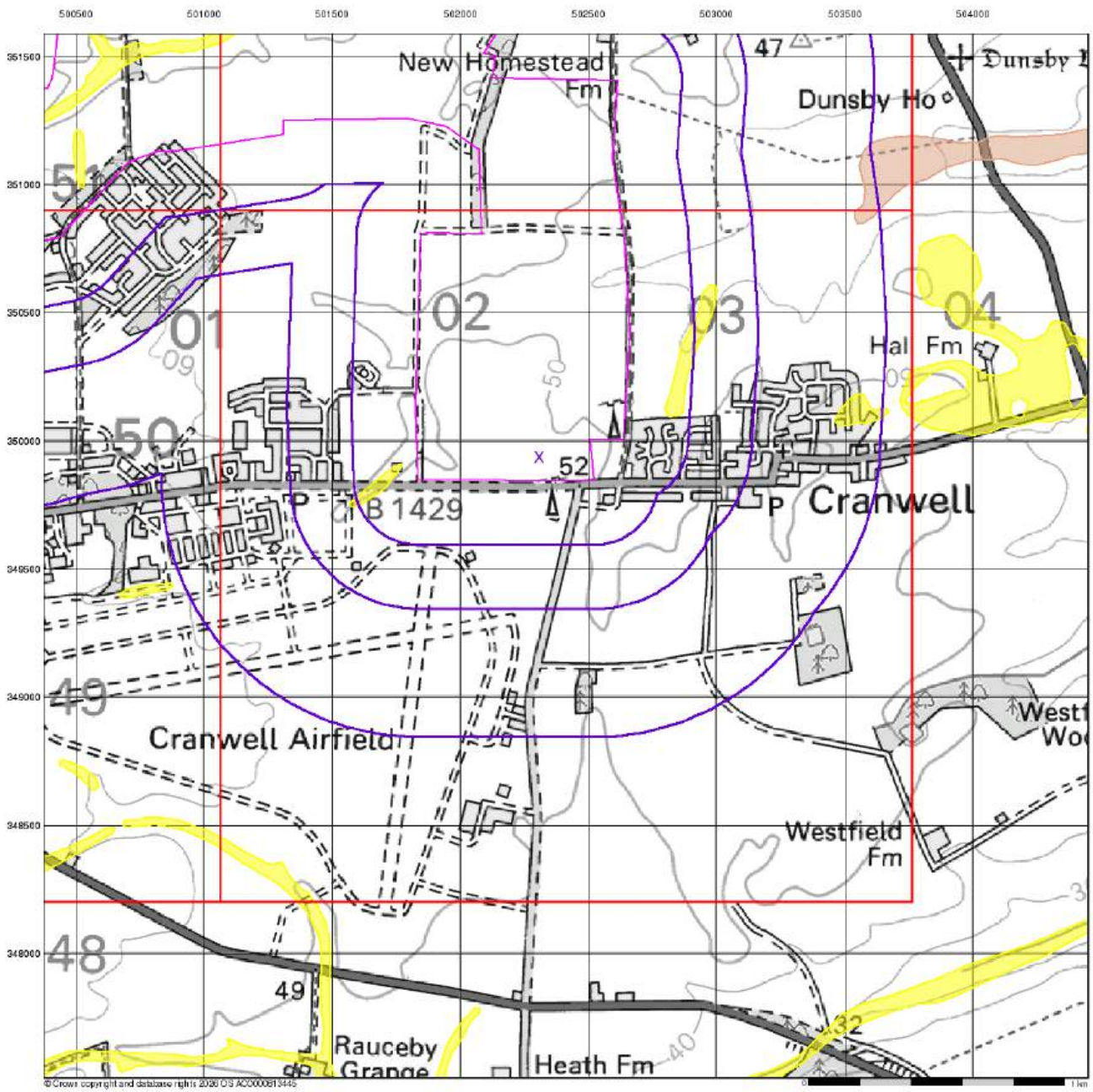


Order Details

Order Number:	406246422_1_1
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Slice:	B
Site Area (Ha):	259.07
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Site Details

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Superficial Aquifer Designation

General

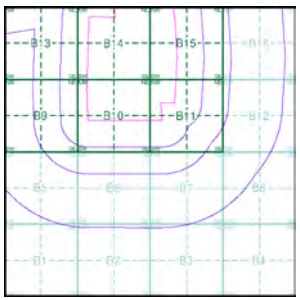
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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 B

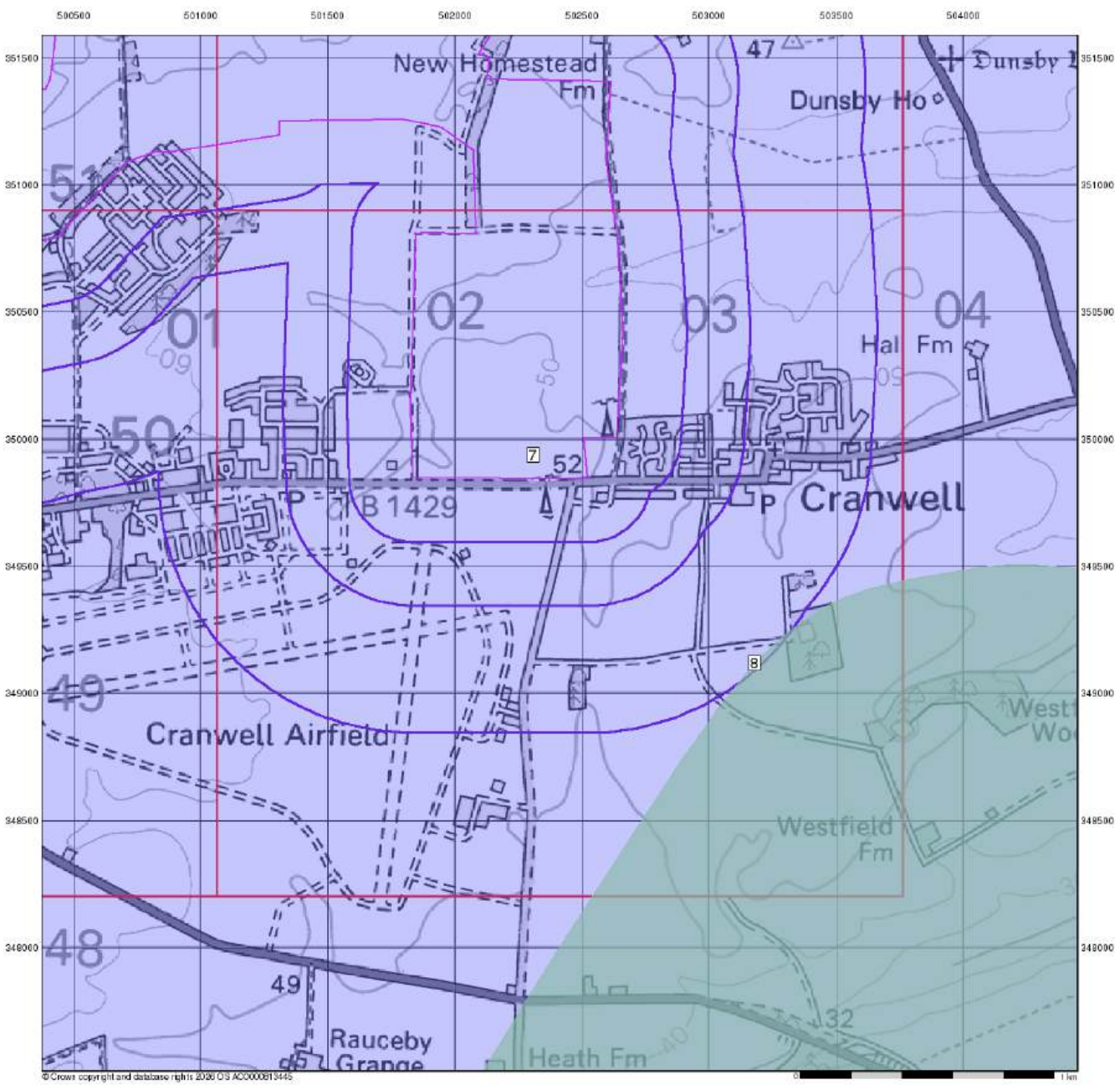


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Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Source Protection Zones

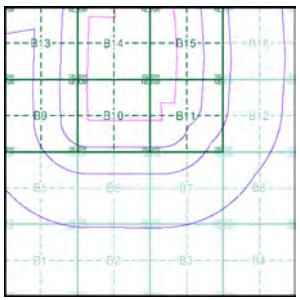
General

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



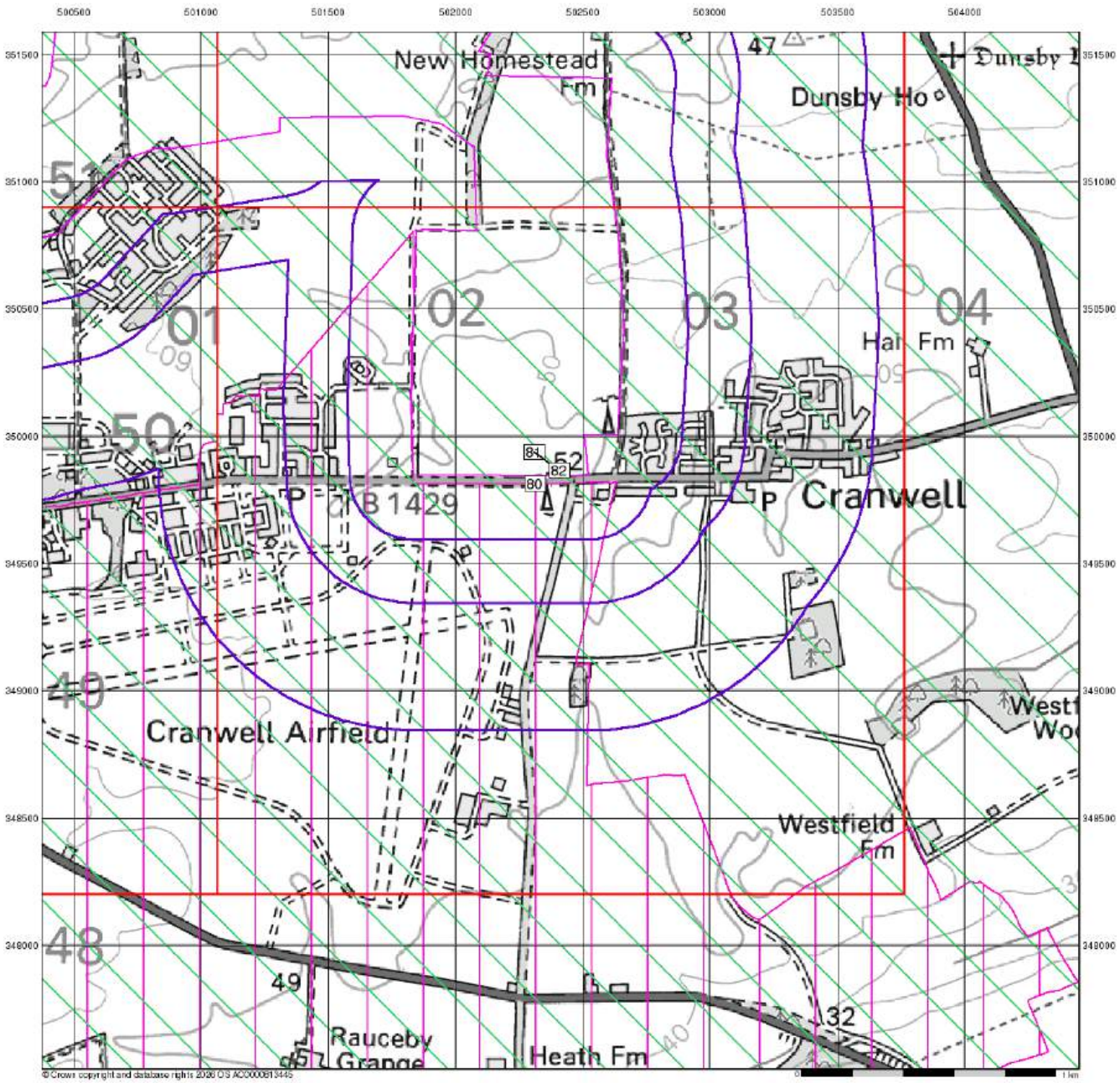
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Sensitive Land Uses

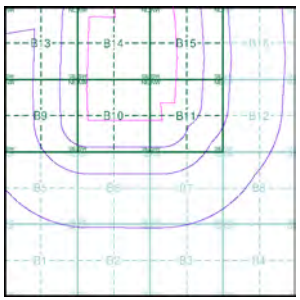
General

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



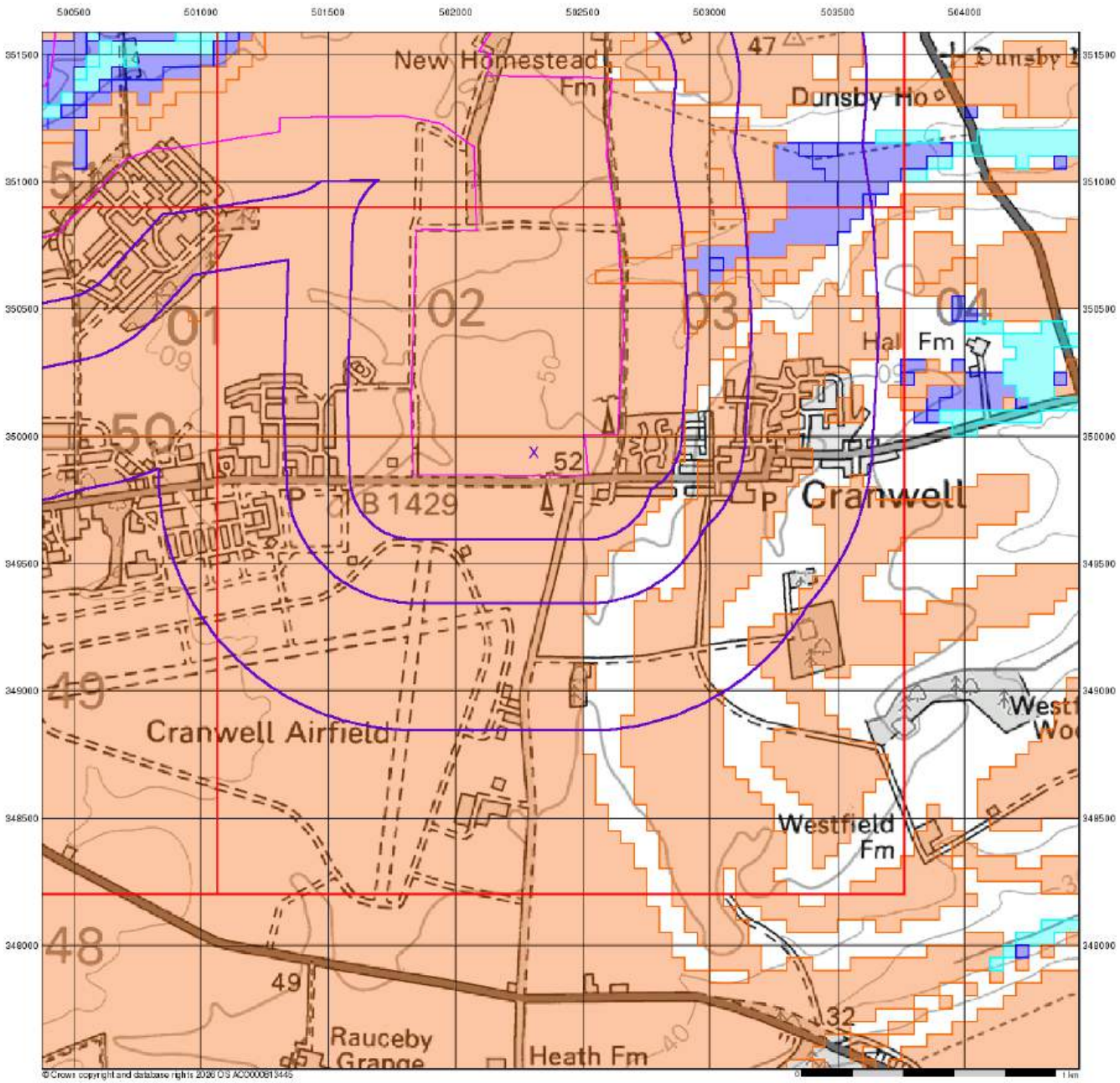
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Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

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BGS Flood GFS Data

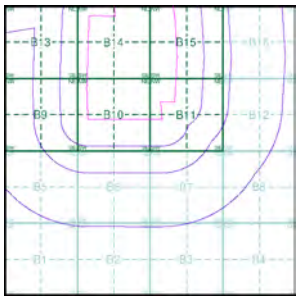
General

- 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:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
406246422_1_1

Customer Reference:
323777

National Grid Reference:
502310, 349940

Slice:
B

Site Area (Ha):
259.07

Search Buffer (m):
1000

Site Details:

1, Laburnum Road
Cranwell
Sleaford
NG34 8EH

Client Details:

[redacted]
RSK Environment Ltd
9 Mountain View
Helsby
Chesire
WA6 0BD

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Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	16
Hazardous Substances	-
Geological	18
Industrial Land Use	23
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Data Currency	26
Data Suppliers	31
Useful Contacts	32

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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Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England. The probability result is only valid for properties above ground. All basement and cellar areas are considered to be at additional risk from high radon levels. If an underground room such as a cellar or basement makes up part of the living or working accommodation, the property should be tested regardless of Radon Affected Area status.

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 3				8
Prosecutions					
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4	Yes			
Pollution Incidents to Controlled Waters	pg 5			1	1
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register					
Water Abstractions	pg 5				1 (*1)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 5	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 9	8	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 9	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 9	Yes	n/a	n/a	n/a
Source Protection Zones	pg 9	1			1
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS NGD Water Network Links	pg 10				44
Water Framework Directive - Catchment	pg 15	Yes			
Water Framework Directive - Groundwater	pg 15	Yes	Yes		Yes
Water Framework Directive - Surface Waters					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 16	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 16		3	1	1
Potentially Infilled Land (Water)	pg 16			1	1
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Waste Exemption Permits	pg 17				1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 18	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 18	Yes	Yes		Yes
BGS Recorded Mineral Sites	pg 19	1	4	1	1
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 20	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 21	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 21		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 22	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 23		1		2
Fuel Station Entries	pg 23				1
Points of Interest - Commercial Services	pg 23		1		
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 23		1		
Points of Interest - Public Infrastructure	pg 23		2		4
Points of Interest - Recreational and Environmental	pg 24			2	1
Pollution Inventory					
Underground Electrical Cables					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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	pg 25	1			
Nitrate Vulnerable Zones	pg 25	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	B10NE (W)	0	1	502308 349936
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	501000 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	500650 351350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	500550 351400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	501050 351450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	501000 351400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	500500 351350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	500500 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	500550 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	500650 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	500850 351350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	500600 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	500900 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	501000 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	501100 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	501150 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	501200 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	500600 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	500650 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	501050 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	501100 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	501150 351500

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	(NW)	0	1	500600 351450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B10NE (N)	0	1	502308 350000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	500750 351450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	501100 351450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	500400 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	500500 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	501100 351350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B15NW (N)	0	1	502550 350600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	501150 351750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	500550 351050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	500400 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	500450 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	500500 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	500550 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	500500 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	38	1	502650 351400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	144	1	503000 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B15SE (NE)	253	1	502950 350550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B15SE (NE)	346	1	503000 350550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B15NE (NE)	352	1	503000 350650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B11NE (E)	355	1	503000 350000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B15NE (NE)	399	1	503050 350600

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	B16NW (NE)	452	1	503100 350650
1	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Willow Lane Cranwell Willow Lane, Cranwell Village, Sleaford, Ng34 8xa Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Annnf2721 Permit Version: 1 Effective Date: 2nd January 1990 Issued Date: 2nd January 1990 Revocation Date: 24th January 1991 Discharge Type: Storm /emergency overflow Discharge Environment: Freshwater Stream/River Receiving Water: Un-Named Trib To Ruskington Be **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	B16NW (NE)	649	2	503300 350600
2	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Cranwell Stw, Cranwell, Sleaford, Lincs, Ng34 8hx Authority: Environment Agency, Anglian Region Catchment Area: Non-Tidal (River Slea) Reference: Aw3nf101 Permit Version: 5 Effective Date: 21st November 2025 Issued Date: 21st November 2025 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of Ruskington Beck **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	B16NE (NE)	868	2	503500 350900
2	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Cranwell Stw, Cranwell, Sleaford, Lincs, Ng34 8hx Authority: Environment Agency, Anglian Region Catchment Area: Non-Tidal (River Slea) Reference: Aw3nf101 Permit Version: 4 Effective Date: 1st January 2011 Issued Date: 24th September 2009 Revocation Date: 20th November 2025 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of Ruskington Beck **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	B16NE (NE)	868	2	503500 350900
2	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Cranwell Stw, Cranwell, Sleaford, Lincs, Ng34 8hx Authority: Environment Agency, Anglian Region Catchment Area: Non-Tidal (River Slea) Reference: Aw3nf101 Permit Version: 3 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: 31st December 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of Ruskington Beck **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	B16NE (NE)	868	2	503500 350900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Cranwell Stw, Cranwell, Sleaford, Lincs, Ng34 8hx Authority: Environment Agency, Anglian Region Catchment Area: Non-Tidal (River Slea) Reference: Aw3nf101 Permit Version: 2 Effective Date: 23rd December 2005 Issued Date: 23rd December 2005 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of Ruskington Beck **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	B16NE (NE)	868	2	503500 350900
2	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Cranwell Stw, Cranwell, Sleaford, Lincs, Ng34 8hx Authority: Environment Agency, Anglian Region Catchment Area: Non-Tidal (River Slea) Reference: Aw3nf101 Permit Version: 1 Effective Date: 18th May 1987 Issued Date: 18th May 1987 Revocation Date: 22nd December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of Ruskington Beck **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	B16NE (NE)	868	2	503500 350900
3	**Discharge Consents** Operator: Severn Trent Services Defence Limited Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Raf Cranwell Rauceby Lane, Sleaford, Lincolnshire, Ng34 8dn Authority: Environment Agency, Anglian Region Catchment Area: Non-Tidal (River Slea) Reference: Prnlf12547 Permit Version: 2 Effective Date: 14th December 2011 Issued Date: 14th December 2011 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: To Land **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	B2NE (S)	975	2	502230 348870
3	**Discharge Consents** Operator: C2c Consortium Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Raf Cranwell Rauceby Lane, Sleaford, Lincolnshire, Ng34 8dn Authority: Environment Agency, Anglian Region Catchment Area: Non-Tidal (River Slea) Reference: Prnlf12547 Permit Version: 1 Effective Date: 15th February 2001 Issued Date: 15th February 2001 Revocation Date: 13th December 2011 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: To Land **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	B2NE (S)	975	2	502230 348870
	Nearest Surface Water Feature	B14SW (NW)	0	-	501873 350398

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Pollution Incidents to Controlled Waters** Property Type: Military Establishments/MOD Property Location: Lincoln District Authority: Environment Agency, Anglian Region Pollutant: Oils - Other Oil Note: Lincs Limestone Groundwater Incident Date: 17th November 1998 Incident Reference: 2641 Catchment Area: Not Given Receiving Water: Groundwater Cause of Incident: Collision Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	B6NW (SW)	445	2	502000 349400
5	**Pollution Incidents to Controlled Waters** Property Type: Road Location: Lincoln District Authority: Environment Agency, Anglian Region Pollutant: Oils - Other Oil Note: Un Named Ditch Incident Date: 3rd August 1998 Incident Reference: 2575 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Collision Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	B12NE (E)	870	2	503500 349900
6	**Water Abstractions** Operator: Roxholme Estates Licence Number: 4/30/11/*G/0027a Permit Version: 100 Location: Roxholme Estates Well Cranwell Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Central Lincolnshire Limestone; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B12SW (E)	720	2	503340 349850
	Water Abstractions Operator: Roxholme Estates Licence Number: 4/30/11/*G/0027a Permit Version: 100 Location: Roxholme Estates B/H Near A15 Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Central Lincolnshire Limestone; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1860	2	504500 350015
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NW)	0	2	500532 350995

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: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NW)	0	2	500533 351000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NW)	0	2	501000 351532
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(N)	0	2	501870 351848
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(W)	0	2	501000 350000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	B10NW (W)	0	2	502000 350000
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	B10NE (N)	0	2	502308 350000
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NW)	0	2	501000 351571
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NW)	0	2	501000 351000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(N)	0	2	501946 351922
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(N)	0	2	502000 351000
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(N)	0	2	502308 351000
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	B10NW (W)	0	2	502000 349936

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	B10NE (W)	0	2	502308 349936
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	(W)	0	2	501000 350000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	B10NW (W)	0	2	502000 350000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	B10NE (N)	0	2	502308 350000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	(NW)	0	2	501000 351000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	(N)	0	2	502000 351000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	(N)	0	2	502308 351000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	B10NW (W)	0	2	502000 349936
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	B10NE (W)	0	2	502308 349936
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	B10NE (N)	0	2	502308 350000
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	B10NE (W)	0	2	502308 349936
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	2	500532 350995
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(N)	0	2	501870 351848
7	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	B10NE (W)	0	2	502308 349936
8	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	B8SW (SE)	978	2	503180 349119
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
9	**OS NGD Water Network Links** Description: Drain Length: 304.885 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B7NE (SE)	593	3	502956 349443
10	**OS NGD Water Network Links** Description: Drain Length: 10.323 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B7NE (SE)	594	3	502954 349439
11	**OS NGD Water Network Links** Description: Drain Length: 242.348 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B7NE (SE)	601	3	502955 349429
12	**OS NGD Water Network Links** Description: Drain Length: 297.803 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16SW (E)	621	3	503274 350265
13	**OS NGD Water Network Links** Description: Drain Length: 7.277 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B12SW (E)	652	3	503266 349833
14	**OS NGD Water Network Links** Description: Drain Length: 5.332 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B12SW (E)	654	3	503265 349825
15	**OS NGD Water Network Links** Description: Drain Length: 440.267 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B12SW (E)	654	3	503265 349825
16	**OS NGD Water Network Links** Description: Drain Length: 88.034 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B12SW (E)	655	3	503264 349816

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**OS NGD Water Network Links** Description: Drain Length: 4.034 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B12SW (E)	655	3	503265 349820
18	**OS NGD Water Network Links** Description: Drain Length: 8.105 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B12SW (E)	680	3	503258 349728
19	**OS NGD Water Network Links** Description: Drain Length: 207.951 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B12SW (E)	684	3	503259 349720
20	**OS NGD Water Network Links** Description: Drain Length: 9.722 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16SW (NE)	697	3	503351 350550
21	**OS NGD Water Network Links** Description: Watercourse Length: 79.05 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16SW (NE)	700	3	503354 350559
22	**OS NGD Water Network Links** Description: Drain Length: 11.614 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B7SW (S)	708	3	502523 349137
23	**OS NGD Water Network Links** Description: Drain Length: 326.492 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B7SW (S)	708	3	502523 349137
24	**OS NGD Water Network Links** Description: Drain Length: 69.224 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B7SW (S)	719	3	502502 349123
25	**OS NGD Water Network Links** Description: Watercourse Length: 6.081 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16NW (NE)	730	3	503379 350634

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	**OS NGD Water Network Links** Description: Watercourse Length: 137.62 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16NW (NE)	734	3	503383 350638
27	**OS NGD Water Network Links** Description: Drain Length: 81.334 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B7SE (SE)	753	3	502848 349166
28	**OS NGD Water Network Links** Description: Drain Length: 13.18 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B7SE (SE)	776	3	502935 349188
29	**OS NGD Water Network Links** Description: Drain Length: 143.964 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B7SE (SE)	783	3	502928 349177
30	**OS NGD Water Network Links** Description: Drain Length: 17.05 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B8NW (SE)	788	3	503249 349509
31	**OS NGD Water Network Links** Description: Drain Length: 9.651 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B8NW (SE)	799	3	503266 349511
32	**OS NGD Water Network Links** Description: Drain Length: 189.842 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B8NW (SE)	806	3	503275 349513
33	**OS NGD Water Network Links** Description: Drain Length: 11.034 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16NE (NE)	851	3	503503 350591
34	**OS NGD Water Network Links** Description: Drain Length: 163.432 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16SE (NE)	851	3	503513 350535

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	**OS NGD Water Network Links** Description: Drain Length: 111.723 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16NE (NE)	852	3	503503 350602
36	**OS NGD Water Network Links** Description: Drain Length: 220.341 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16NE (NE)	853	3	503497 350728
37	**OS NGD Water Network Links** Description: Drain Length: 12.702 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16NE (NE)	853	3	503497 350715
38	**OS NGD Water Network Links** Description: Drain Length: 1.03 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16NE (NE)	853	3	503497 350714
39	**OS NGD Water Network Links** Description: Drain Length: 423.691 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16NE (NE)	853	3	503497 350714
40	**OS NGD Water Network Links** Description: Drain Length: 210.3 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16SE (E)	897	3	503548 350233
41	**OS NGD Water Network Links** Description: Drain Length: 146.136 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16SE (E)	904	3	503564 350442
42	**OS NGD Water Network Links** Description: Drain Length: 205.176 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16NE (NE)	912	3	503546 350897
43	**OS NGD Water Network Links** Description: Drain Length: 19.28 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B16NE (NE)	914	3	503546 350897

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	**OS NGD Water Network Links** Description: Drain Length: 364.36 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B7SE (SE)	925	3	502986 349045
45	**OS NGD Water Network Links** Description: Drain Length: 15.47 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B8NW (SE)	933	3	503295 349325
46	**OS NGD Water Network Links** Description: Drain Length: 2.891 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B8NW (SE)	943	3	503297 349309
47	**OS NGD Water Network Links** Description: Drain Length: 53.272 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B8NW (SE)	945	3	503297 349306
48	**OS NGD Water Network Links** Description: Drain Length: 6.845 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 2	B8NW (SE)	945	3	503297 349306
49	**OS NGD Water Network Links** Description: Drain Length: 429.07 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 2	B8NW (SE)	950	3	503304 349308
50	**OS NGD Water Network Links** Description: Drain Length: 202.242 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B12SE (E)	969	3	503563 349721
51	**OS NGD Water Network Links** Description: Drain Length: 55.957 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B12SE (E)	997	3	503625 349877
52	**OS NGD Water Network Links** Description: Drain Length: 49.534 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	B12SE (E)	1000	3	503630 349888

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Ruskington Beck WaterBody ID: GB105030056700 Operational Catchment: Witham Lower Management Catchment: Witham Catchment Name: Witham	B10NE (W)	0	2	502308 349936
	Water Framework Directive - Groundwater Waterbody Name: Witham Limestone Unit A Waterbody ID: GB40501G444800 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40501G444800 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Poor Year: 2019	B10NE (W)	0	2	502308 349936
	Water Framework Directive - Groundwater Waterbody Name: Blisworth Limestone Rutland formation Waterbody ID: GB40501G444900 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40501G444900 Overall Rating: Good Chemical Rating: Good Quantitative Measure: Good Year: 2019	B11SE (SE)	200	2	502751 349568
	Water Framework Directive - Groundwater Waterbody Name: Cornbrash Waterbody ID: GB40502G445000 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40502G445000 Overall Rating: Poor Chemical Rating: Good Quantitative Measure: Poor Year: 2019	B11SE (SE)	607	2	503073 349569

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: North Kesteven District Council - Had landfill data but passed it to the relevant environment agency		0	4	502308 349936
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	5	502308 349936
53	**Potentially Infilled Land (Non-Water)** Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	B15NW (NE)	21	-	502666 350689
54	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	B11SW (E)	54	-	502626 349886
55	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	B11SW (SE)	69	-	502527 349776
56	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	B9SE (W)	363	-	501472 349820
57	**Potentially Infilled Land (Non-Water)** Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	B16NW (NE)	778	-	503423 350715
58	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	B11SE (E)	455	-	503013 349748
59	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	B12SW (E)	565	-	503174 349833

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	**Waste Exemption Permits** Permit Reference: WEX325648 Exemption Category: Disposal Exemption Sub-Category: Depositing waste from dredging inland waters. Exemption Definition: The D1 exemption allows you to deposit dredging spoil on the banks of the water it was dredged from and treat it by screening and removing water. Exemption Category: Disposal Exemption Sub-Category: Burning waste in the open. Exemption Definition: The D7 exemption allows you to burn plant tissue and untreated wood waste from joinery or manufacturing in the open air. Exemption Category: Storage Exemption Sub-Category: Store waste in secure containers. Exemption Definition: The S1 waste exemption lets you store certain waste in secure containers at a site separate to where it was produced, before transportation to another site for recovery. Exemption Category: Storage Exemption Sub-Category: Storing waste in a secure place. Exemption Definition: The S2 waste exemption allows you to store specific waste at a secure intermediate site, separate to where the waste was produced, before transportation to another site for recovery. Exemption Category: Treatment Exemption Sub-Category: Treating waste wood and waste plant matter by chipping, shredding, cutting or pulverising. Exemption Definition: The T6 exemption allows you to chip, shred, cut or pulverise waste wood and plant matter to make it easier to store and transport, or to convert it for use. Exemption Category: Treatment Exemption Sub-Category: Treatment of sheep dip using organophosphate-degrading enzyme. Exemption Definition: The T27 exemption allows organophosphate sheep dip to be treated with an approved organophosphate-degrading enzyme. T27 is currently unavailable for use. Exemption Category: Use Exemption Sub-Category: Burning waste as fuel in a small appliance. Exemption Definition: The U4 exemption allows you to use waste plant material or untreated wood as fuel in a small appliance to produce heat or power. Exemption Category: Use Exemption Sub-Category: Spreading waste to benefit agricultural land. Exemption Definition: The U10 exemption allows you to spread specific waste on agricultural land to replace manufactured fertilisers or virgin materials (such as lime) to improve or maintain soil. Exemption Category: Use Exemption Sub-Category: Spreading waste on non-agricultural land. Exemption Definition: The U11 exemption allows you to spread waste on non-agricultural land to replace manufactured fertilisers or virgin materials (such as lime) to improve or maintain soil. Exemption Category: Use Exemption Sub-Category: Spreading plant matter to provide benefits. Exemption Definition: The U13 exemption allows you to spread cut plant material at the place of production for weed suppression or to provide nutrients to the soil. Exemption Category: Use Exemption Sub-Category: Incorporating ash into soil. Exemption Definition: The U14 exemption allows you to mix ash back into the soil to return some of the nutrients from the burnt crops and vegetation. Exemption Category: Use Exemption Sub-Category: Pig and poultry ash. Exemption Definition: The U15 exemption allows you to mix ash from burning pig or poultry with slurry and/or manure, and spread it on farmland to provide the soil with nutrients.	B12NE (E)	788	2	503424 349966

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Inferior Oolite Group	B10NE (W)	0	1	502308 349936
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B10NE (N)	0	1	502308 350000
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B10NE (W)	0	1	502308 349936
	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	B11SW (SE)	15	1	502672 349622
	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	B10NW (W)	59	1	501773 349898
	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	B11NE (E)	152	1	502796 350125
	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	B12SW (E)	689	1	503229 349647

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: 15 - 30 mg/kg	B8NW (SE)	815	1	503146 349236
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B6SE (S)	845	1	502308 349000
	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	B16NE (NE)	924	1	503561 350848
61	**BGS Recorded Mineral Sites** Site Name: Green Lane Stone Pit Location: Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136069 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B15NW (N)	0	1	502454 350651
62	**BGS Recorded Mineral Sites** Site Name: Green Lane Stone Pits Location: Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 134930 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Lower Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B15NW (NE)	19	1	502665 350673
62	**BGS Recorded Mineral Sites** Site Name: Green Lane Stone Pits Location: Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 134929 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Lower Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B15NW (NE)	32	1	502676 350696

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	**BGS Recorded Mineral Sites** Site Name: Hall Farm Gravel Pit Location: Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136071 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	B11NW (E)	106	1	502647 349899
64	**BGS Recorded Mineral Sites** Site Name: Hall Farm Stone Pit Location: Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136072 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B11SW (SE)	154	1	502569 349698
65	**BGS Recorded Mineral Sites** Site Name: Cranwell Lodge Stone Pit Location: Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136059 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B9SE (W)	373	1	501461 349818
66	**BGS Recorded Mineral Sites** Site Name: West Pastures Stone Pit Location: Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 134999 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Rutland Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B16NE (NE)	789	1	503434 350706
	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	B10NE (W)	0	1	502308 349936
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NE (N)	0	1	502308 350000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NE (W)	0	1	502308 349936
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NE (N)	0	1	502308 350000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B10NW (NW)	0	1	501826 350207
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B14SW (NW)	0	1	501824 350354
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B11SW (SE)	74	1	502539 349773
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B10NE (N)	0	1	502308 350000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B10NE (W)	0	1	502308 349936
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B14SE (N)	0	1	502177 350497
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B11NE (E)	15	1	502892 350000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B11SW (SE)	227	1	502673 349671
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NE (W)	0	1	502308 349936
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NE (N)	0	1	502308 350000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NE (N)	0	1	502308 350000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NE (W)	0	1	502308 349936
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NW (NW)	0	1	501826 350207
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NW (W)	59	1	501773 349898
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B11SW (SE)	74	1	502539 349773
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B11NE (E)	152	1	502796 350125
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NE (N)	0	1	502308 350000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10NE (W)	0	1	502308 349936
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10NW (W)	59	1	501773 349898
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B11NE (E)	152	1	502796 350125

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	B10NW (W)	0	1	502025 350000
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	B10NW (W)	0	1	502025 349936
	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	B10NE (N)	0	1	502308 350000
	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	B10NE (W)	0	1	502308 349936
	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	B10NW (W)	0	1	502025 350000
	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	B10NW (W)	0	1	502025 349936
	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	B10NE (N)	0	1	502308 350000
	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	B10NE (W)	0	1	502308 349936

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	**Contemporary Trade Directory Entries** Name: Catzeyes Haulage Ltd Location: 2, Ison Close, Cranwell Village, Sleaford, Lincolnshire, NG34 8FJ Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	B11NE (E)	187	-	502795 349905
68	**Contemporary Trade Directory Entries** Name: Tradwood Location: 15, Sleaford Road, Cranwell Village, Sleaford, Lincolnshire, NG34 8BU Classification: Lighting Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	B12NW (E)	786	-	503422 349967
69	**Contemporary Trade Directory Entries** Name: Kesteven Travel Location: 3, Selvayns Drive, Cranwell Village, Sleaford, Lincolnshire, NG34 8EN Classification: Bus & Coach Operators & Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	B12NE (E)	877	-	503518 350051
70	**Fuel Station Entries** Name: The Garage Location: Sleaford Road , Cranwell , Sleaford, Lincolnshire, NG34 7SY Brand: OBSOLETE Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Manually positioned to the address or location	B12NE (E)	797	-	503433 349976
71	**Points of Interest - Commercial Services** Name: Catzeyes Haulage Ltd Location: 2 Ison Close, Cranwell Village, Sleaford, NG34 8FJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	B11NE (E)	187	6	502795 349905
72	**Points of Interest - Manufacturing and Production** Name: Works Location: NG34 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B9NE (W)	181	6	501644 350175
73	**Points of Interest - Public Infrastructure** Name: Sewage Works Location: NG34 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	B9NE (W)	182	6	501643 350179
73	**Points of Interest - Public Infrastructure** Name: Sewage Works Location: NG34 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	B13SE (NW)	225	6	501602 350237
74	**Points of Interest - Public Infrastructure** Name: Sewage Works Location: NG34 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	B16NE (NE)	783	6	503431 350651
74	**Points of Interest - Public Infrastructure** Name: Sewage Works Location: NG34 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	B16NE (NE)	817	6	503465 350654
75	**Points of Interest - Public Infrastructure** Name: Cranwell Airfield Location: NG34 Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	B6SE (S)	846	6	502203 348999
76	**Points of Interest - Public Infrastructure** Name: Kesteven Travel Location: 3 Selvayns Drive, Cranwell Village, Sleaford, NG34 8EN Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	B12NE (E)	877	6	503518 350051

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	**Points of Interest - Recreational and Environmental** Name: Play Area Location: NG34 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	B11NE (E)	355	6	502991 349984
78	**Points of Interest - Recreational and Environmental** Name: Playground Location: Sycamore Drive, NG34 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	B9NW (W)	474	6	501352 350054
79	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	B9NW (W)	676	6	501150 350053

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	**Nitrate Sensitive Areas** Name: Sleaford Multiple Area: N Area (m2): 50999746.49 Source: Natural England	B10SE (S)	0	7	502310 349812
81	**Nitrate Vulnerable Zones** Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	B10NE (W)	0	2	502308 349936
82	**Nitrate Vulnerable Zones** Name: Lincolnshire Limestone Description: Groundwater Source: Environment Agency, Head Office	B10NE (W)	0	2	502308 349936

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office North Kesteven District Council - Environmental Health Department	 November 2023 October 2025	 Annually Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	 April 2026	 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 2026	 Bi-Annually
Local Authority Integrated Pollution Prevention And Control North Kesteven District Council - Environmental Health Department	 April 2025	 Variable
Local Authority Pollution Prevention and Controls North Kesteven District Council - Environmental Health Department	 April 2025	 Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements North Kesteven District Council - Environmental Health Department	 June 2025	 Variable
Nearest Surface Water Feature Ordnance Survey	 April 2026	
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	 September 1999	
Historical Prosecutions Environment Agency, Anglian Region	 March 2013	 Not Applicable
Registered Radioactive Substances Environment Agency - Anglian Region Environment Agency - Head Office	 June 2026 May 2023	 Quarterly
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area	 April 2026	 Quarterly
Water Abstractions Environment Agency - Anglian Region	 April 2026	 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	 As notified
Superficial Aquifer Designations Environment Agency - Head Office	 January 2018	 As notified
Source Protection Zones Environment Agency - Head Office	 August 2025	 Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	 December 2023	 As notified
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	 December 2023	 As notified
Areas Benefiting from Flood Defences Environment Agency - Head Office	 February 2023	
Flood Water Storage Areas Environment Agency - Head Office	 April 2026	 Quarterly

Agency & Hydrological	Version	Update Cycle
Flood Defences Environment Agency - Head Office	August 2022	
OS NGD Water Network Links Ordnance Survey	April 2026	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
Water Framework Directive - Catchment Environment Agency - Head Office	July 2025	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2025	Annually
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	November 2025	Bi-Annually
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area	November 2025	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area	April 2026	Bi-Annually
Local Authority Landfill Coverage Lincolnshire County Council North Kesteven District Council - Environmental Health Department	February 2003 February 2003	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Lincolnshire County Council North Kesteven District Council - Environmental Health Department	October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area	June 2015	
Waste Exemption Permits Natural Resources Wales Environment Agency - Head Office	June 2026 May 2025	Quarterly Quarterly

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	March 2026	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Lincolnshire County Council - Highways and Planning Department	January 2023	Variable
North Kesteven District Council - Planning Department	May 2023	Variable
Planning Hazardous Substance Consents		
North Kesteven District Council - Planning Department	August 2022	Variable
Lincolnshire County Council - Highways and Planning Department	January 2023	Variable

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	February 2026	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	
Cheshire Brine Subsidence Compensation Board (CBSCB)	November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	February 2023	
Mining Instability		
Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	June 2021	As notified
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	November 2025	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	November 2025	Annually

Data Currency

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2026	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	May 2026	Quarterly
Points of Interest - Commercial Services PointX	June 2026	Quarterly
Points of Interest - Education and Health PointX	June 2026	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2026	Quarterly
Points of Interest - Public Infrastructure PointX	June 2026	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2026	Quarterly
Pollution Inventory Environment Agency - Head Office	February 2026	Annually
Underground Electrical Cables National Grid	January 2024	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	March 2026	Bi-Annually
Areas of Adopted Green Belt North Kesteven District Council	March 2026	Quarterly
Areas of Unadopted Green Belt North Kesteven District Council	March 2026	Quarterly
Areas of Outstanding Natural Beauty Natural England	April 2026	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	January 2026	Bi-Annually
Marine Nature Reserves Natural England	February 2026	Bi-Annually
National Nature Reserves Natural England	June 2026	Bi-Annually
National Parks Natural England	September 2025	Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 February 2026	Annually
Ramsar Sites Natural England	February 2026	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2026	Bi-Annually
Special Areas of Conservation Natural England	June 2026	Bi-Annually
Special Protection Areas Natural England	May 2026	Bi-Annually

Data Suppliers

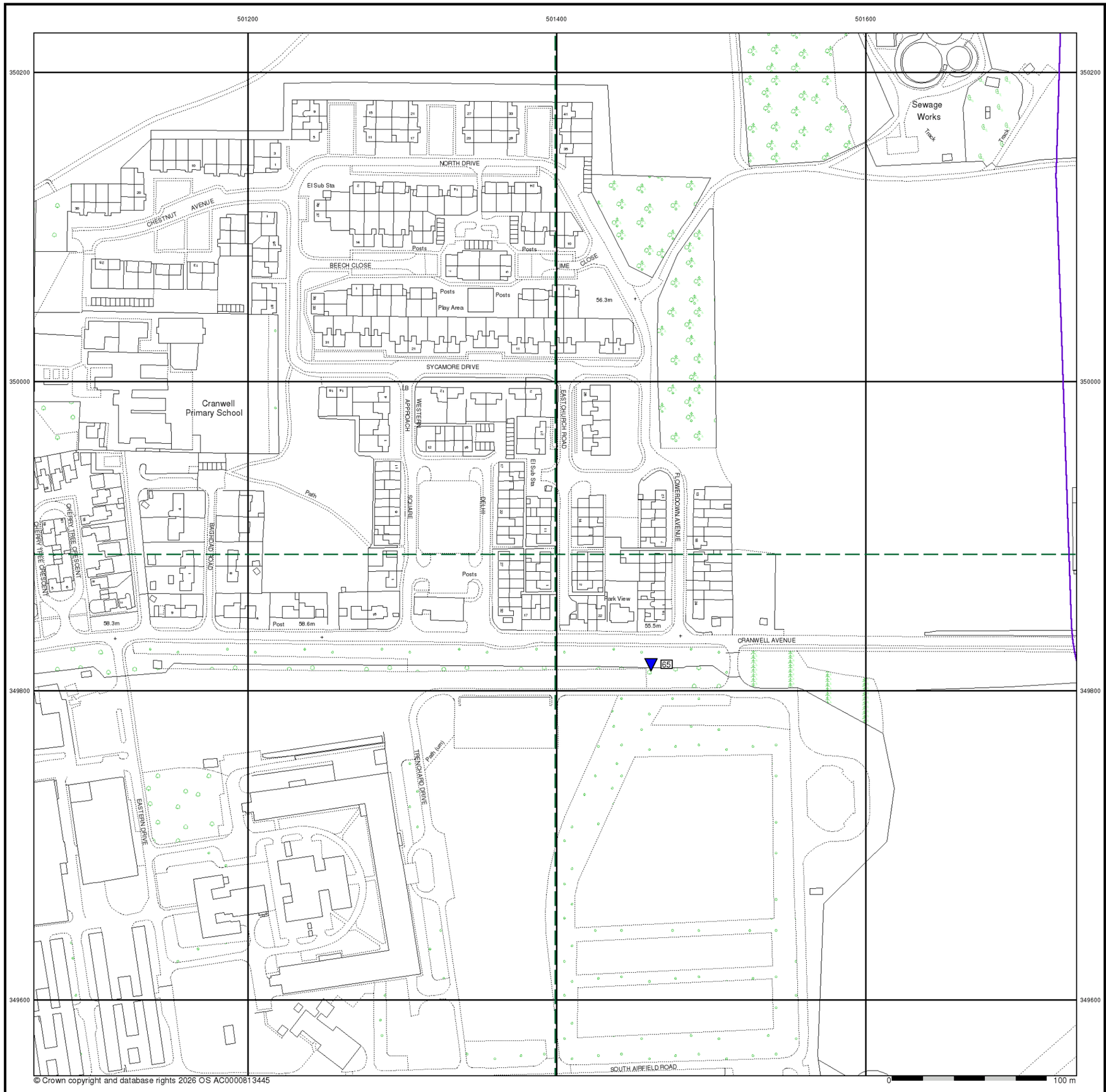
A selection of organisations who provide data within this report

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	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
4	**North Kesteven District Council - Environmental Health Department** District Council Offices, Kesteven Street, Sleaford, Lincolnshire, NG34 7EF	Telephone: 01529 414155 Fax: 01529 413956 Website: www.n-kesteven.gov.uk
5	**Lincolnshire County Council** 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
6	**PointX** 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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



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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)
- Contaminated Land Register Entry or Notice
- Discharge Consent
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- 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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- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

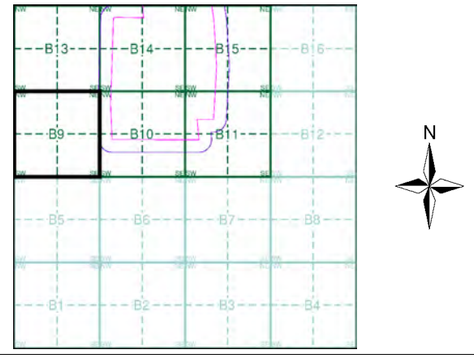
Geological

- 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
- Licenced Waste Management Facility (Landfill Boundary)
- Licenced 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
- Waste Exemption Permits

Site Sensitivity Map - Segment B9



Order Details

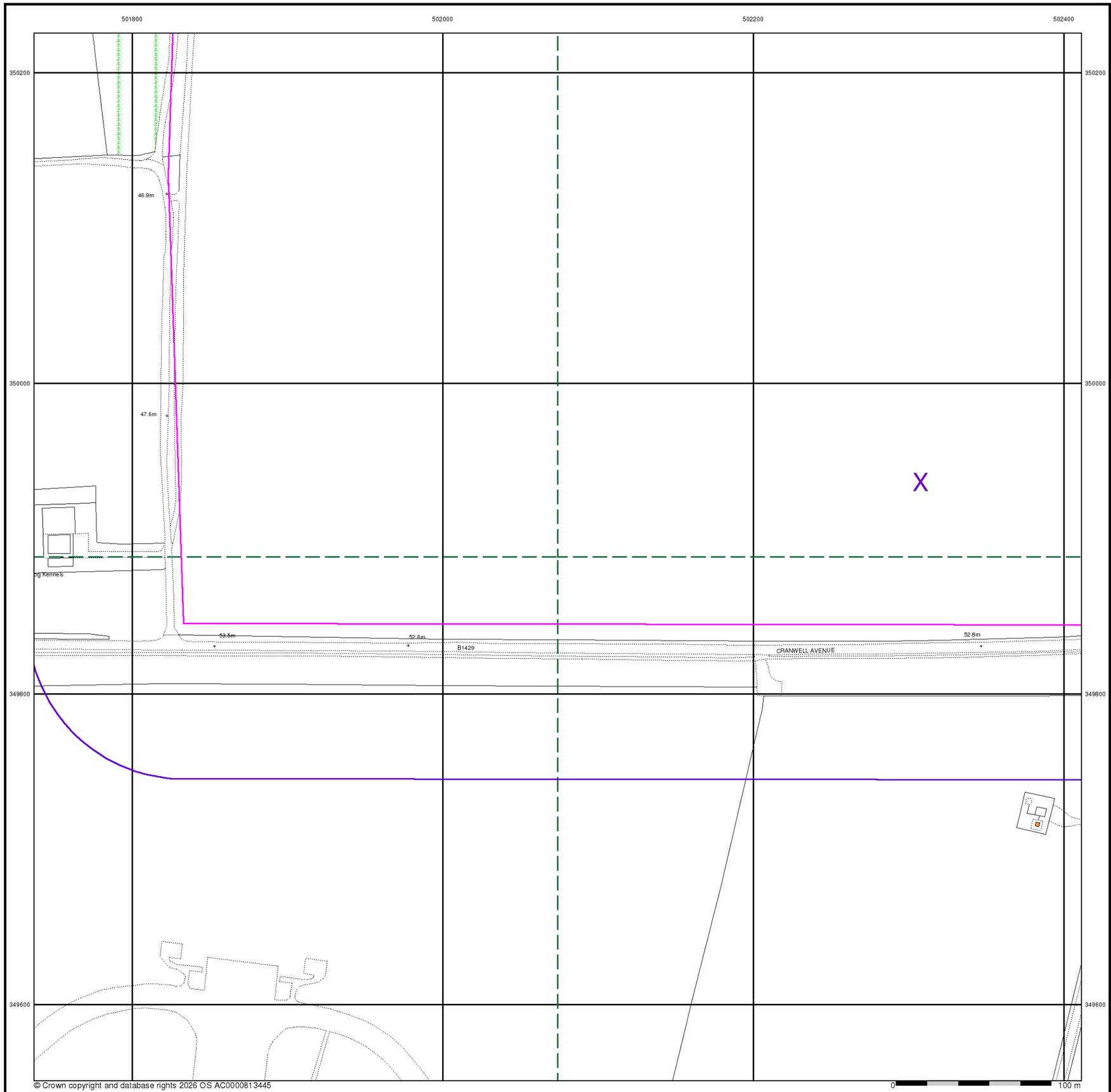
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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



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

Agency and Hydrological

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- Local Authority Pollution Prevention and Control Enforcement
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- River Network or Water Feature
- 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

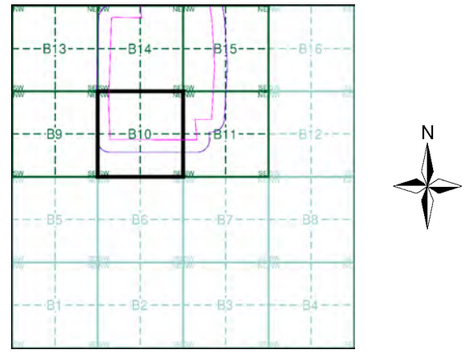
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
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- Registered Landfill Site
- 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
- Waste Exemption Permits

Site Sensitivity Map - Segment B10



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Agency and Hydrological

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Hazardous Substances

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

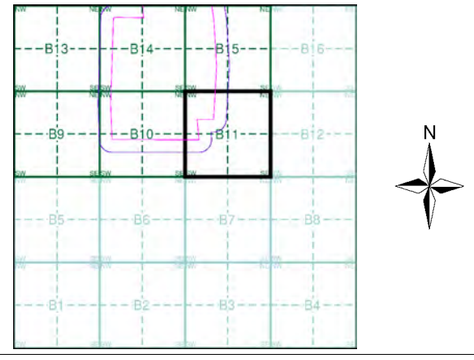
Geological

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- Potentially Infilled Land (Water)
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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
- Waste Exemption Permits

Site Sensitivity Map - Segment B11



Order Details

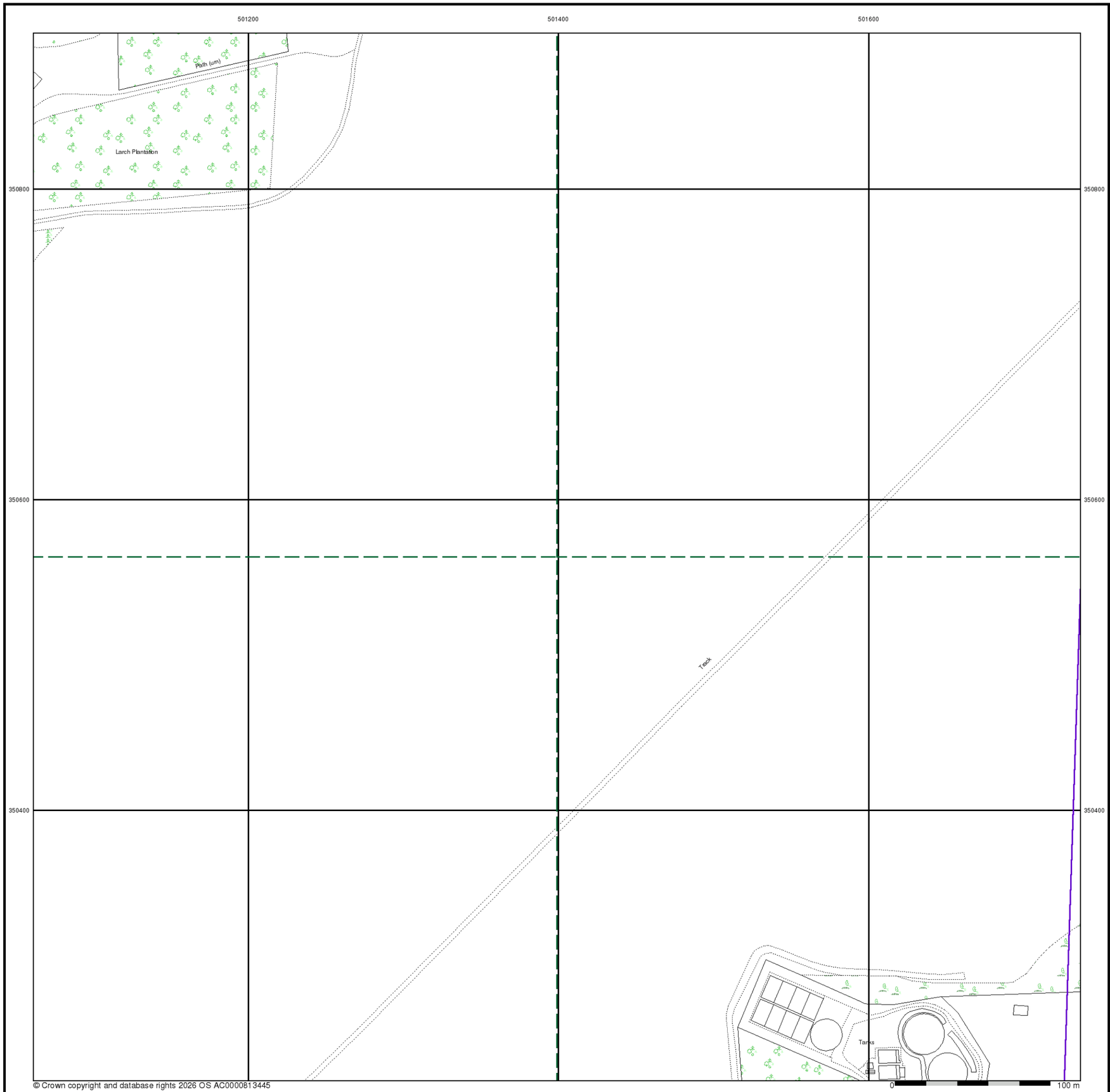
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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- Bearing Reference Point
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- 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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

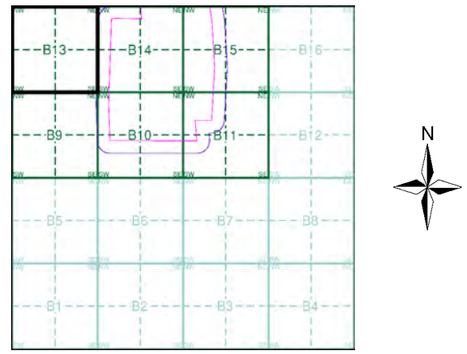
Geological

- 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
- Licenced Waste Management Facility (Landfill Boundary)
- Licenced 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
- Waste Exemption Permits

Site Sensitivity Map - Segment B13



Order Details

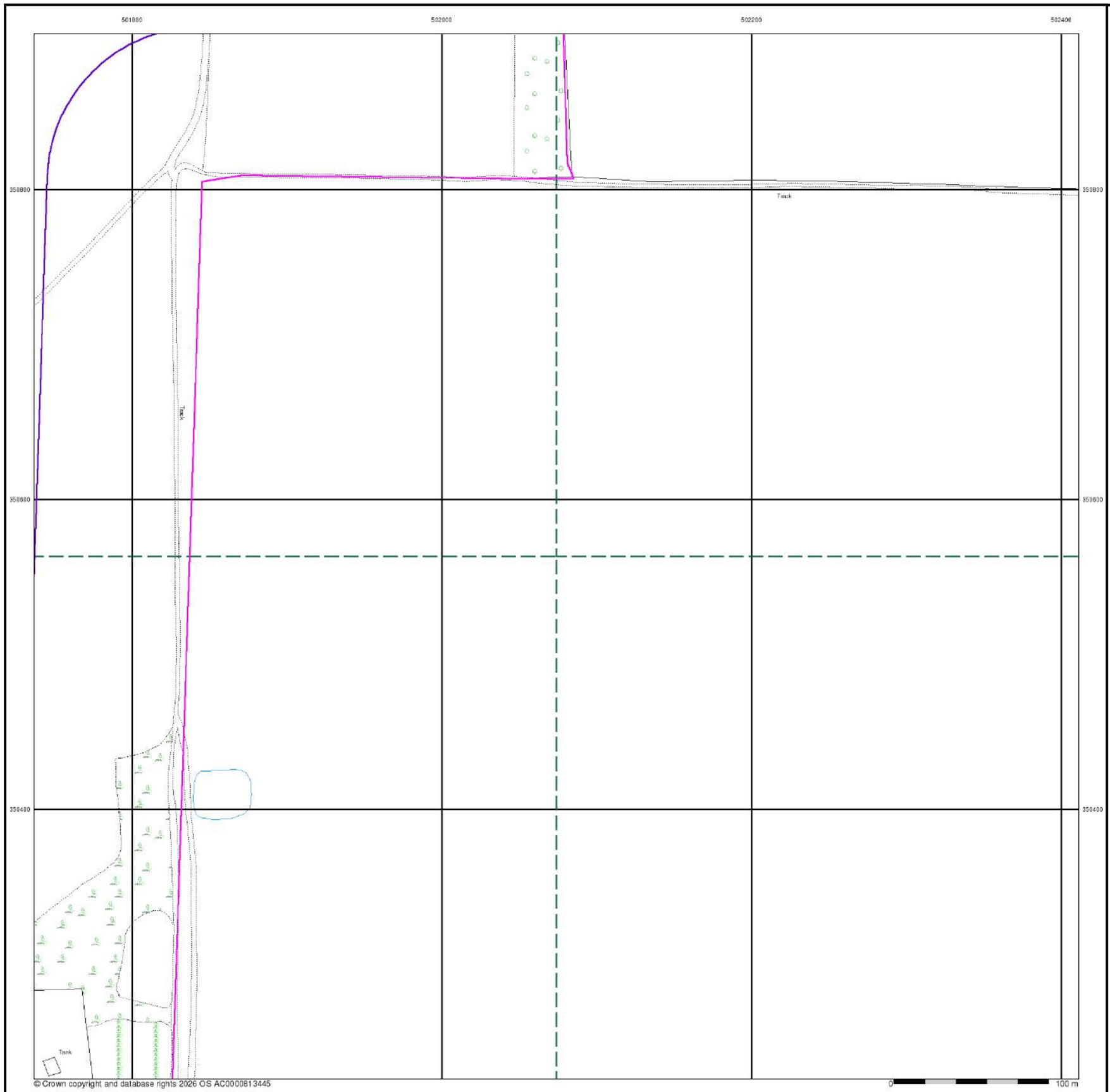
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

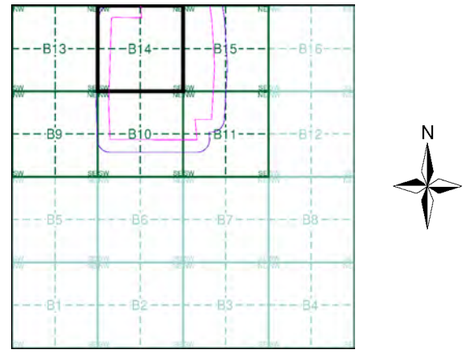
Geological

- 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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- 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
- Waste Exemption Permits

Site Sensitivity Map - Segment B14



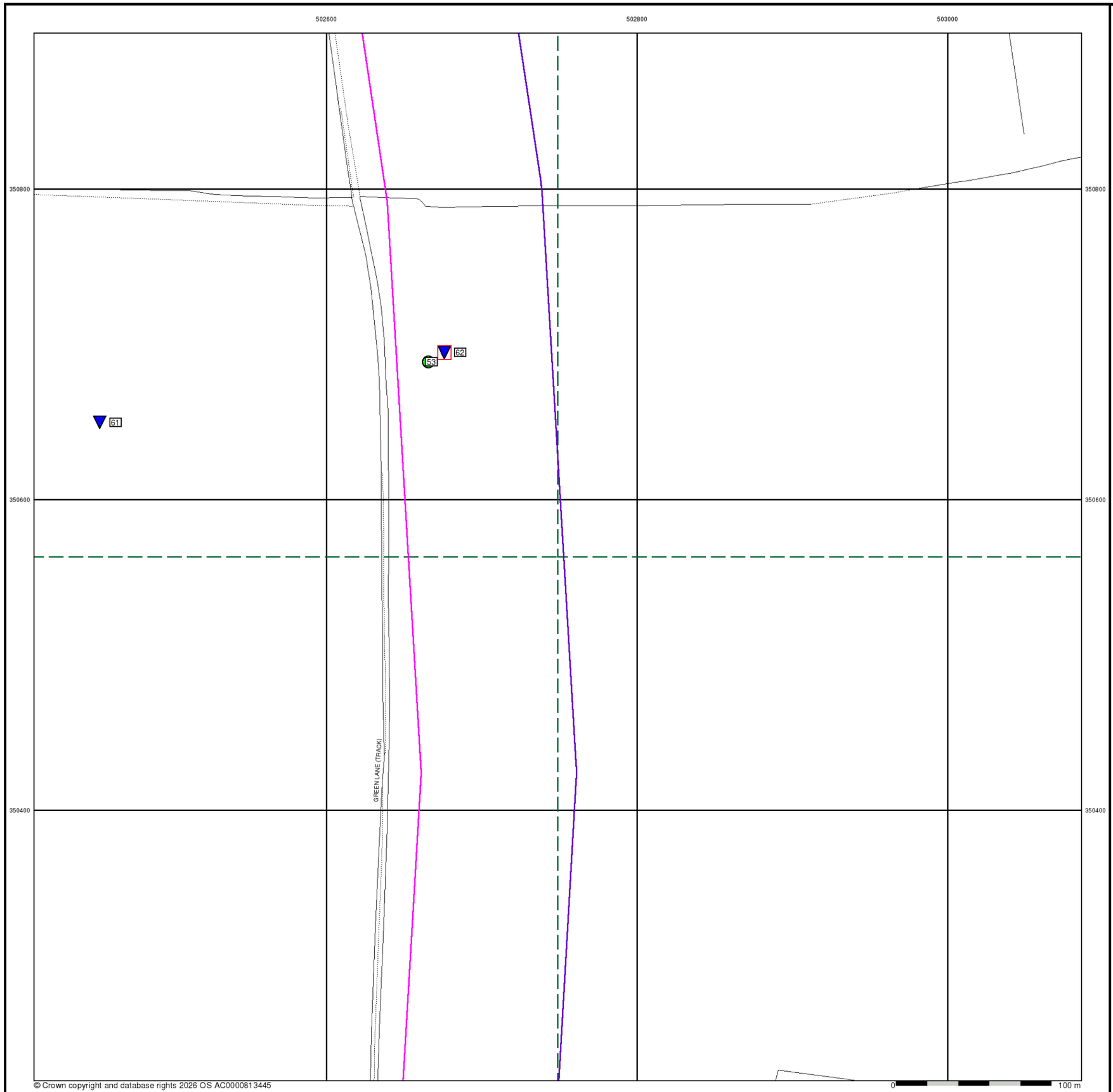
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

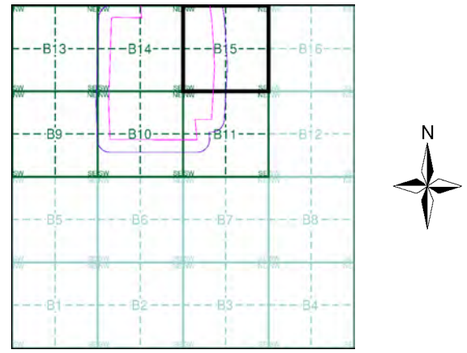
Geological

- 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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- 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
- Waste Exemption Permits

Site Sensitivity Map - Segment B15



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

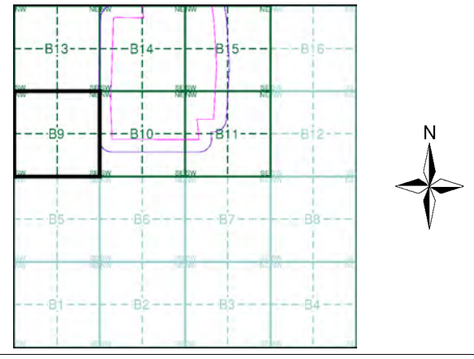
General

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

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment B9



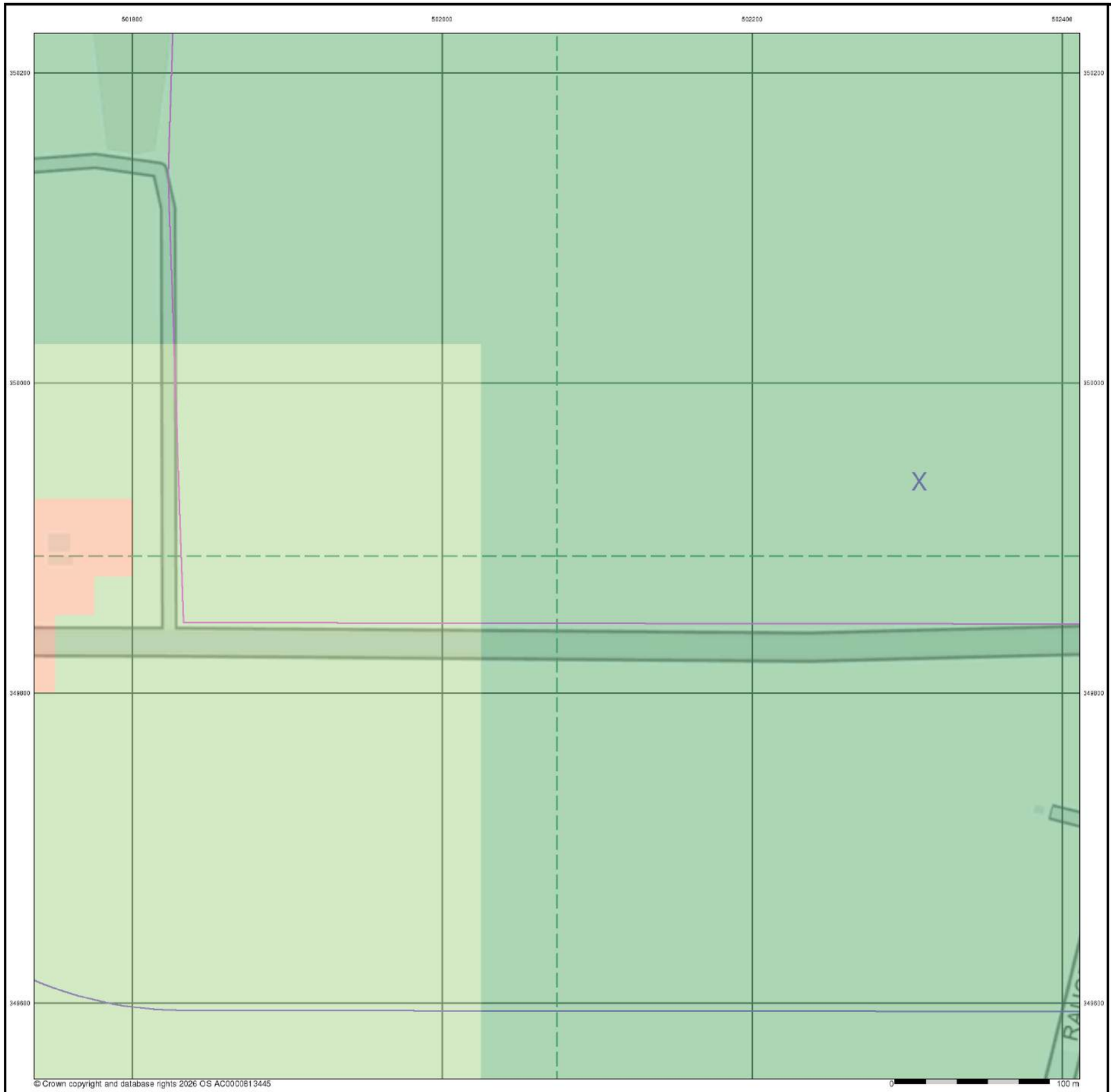
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

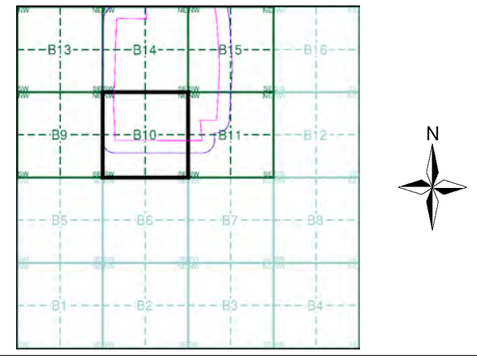
General

Specified Site Specified Buffer(s) X Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment B10



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

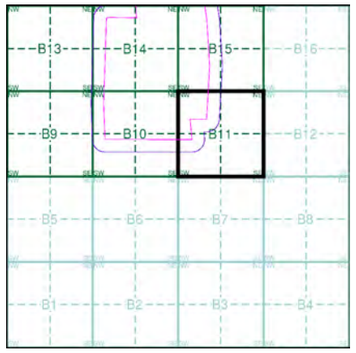
General

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

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment B11



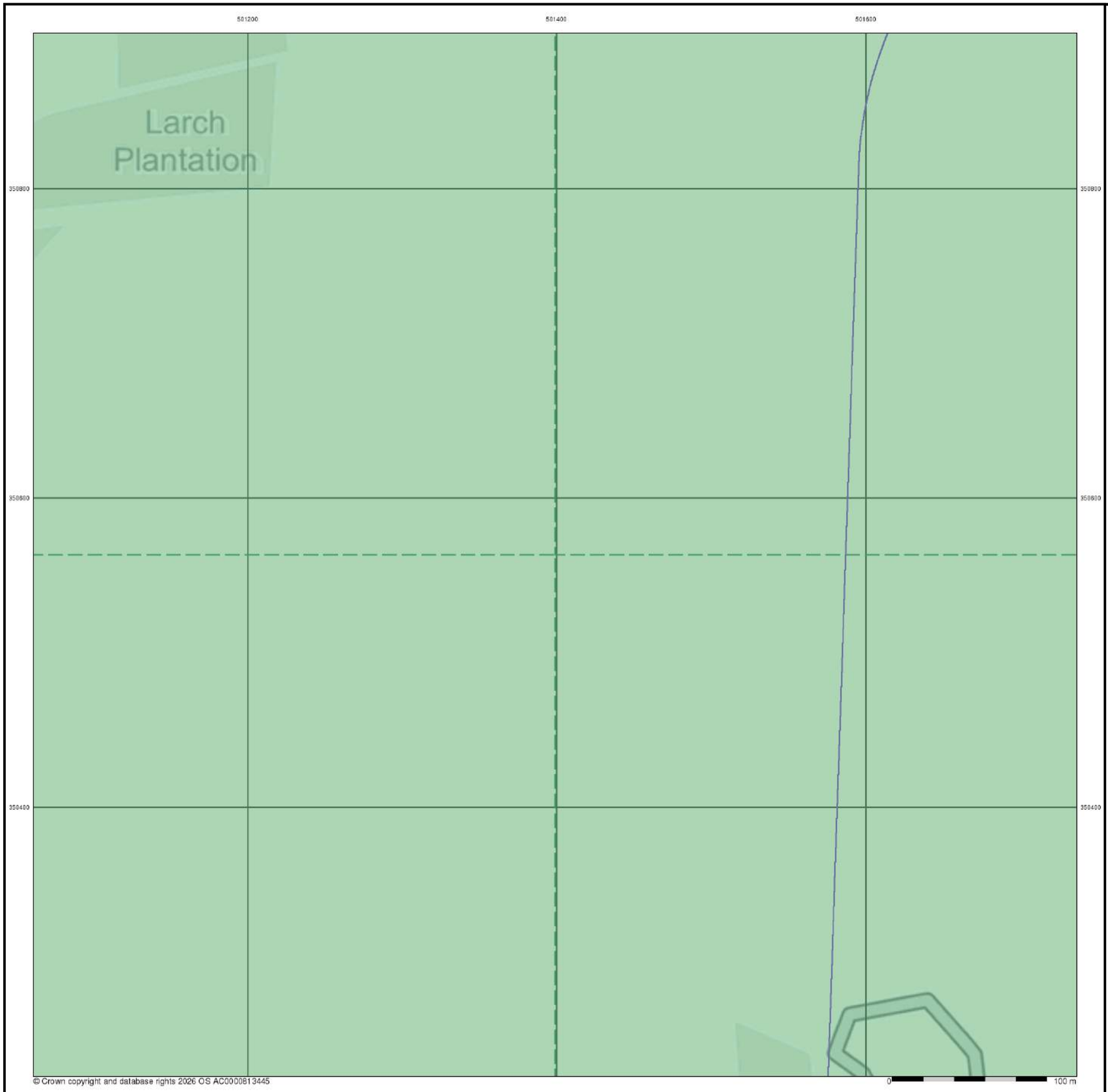
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

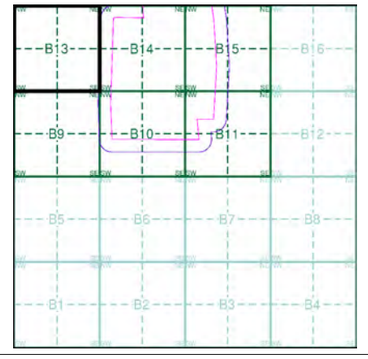
General

Specified Site Specified Buffer(s) X Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment B13



Order Details

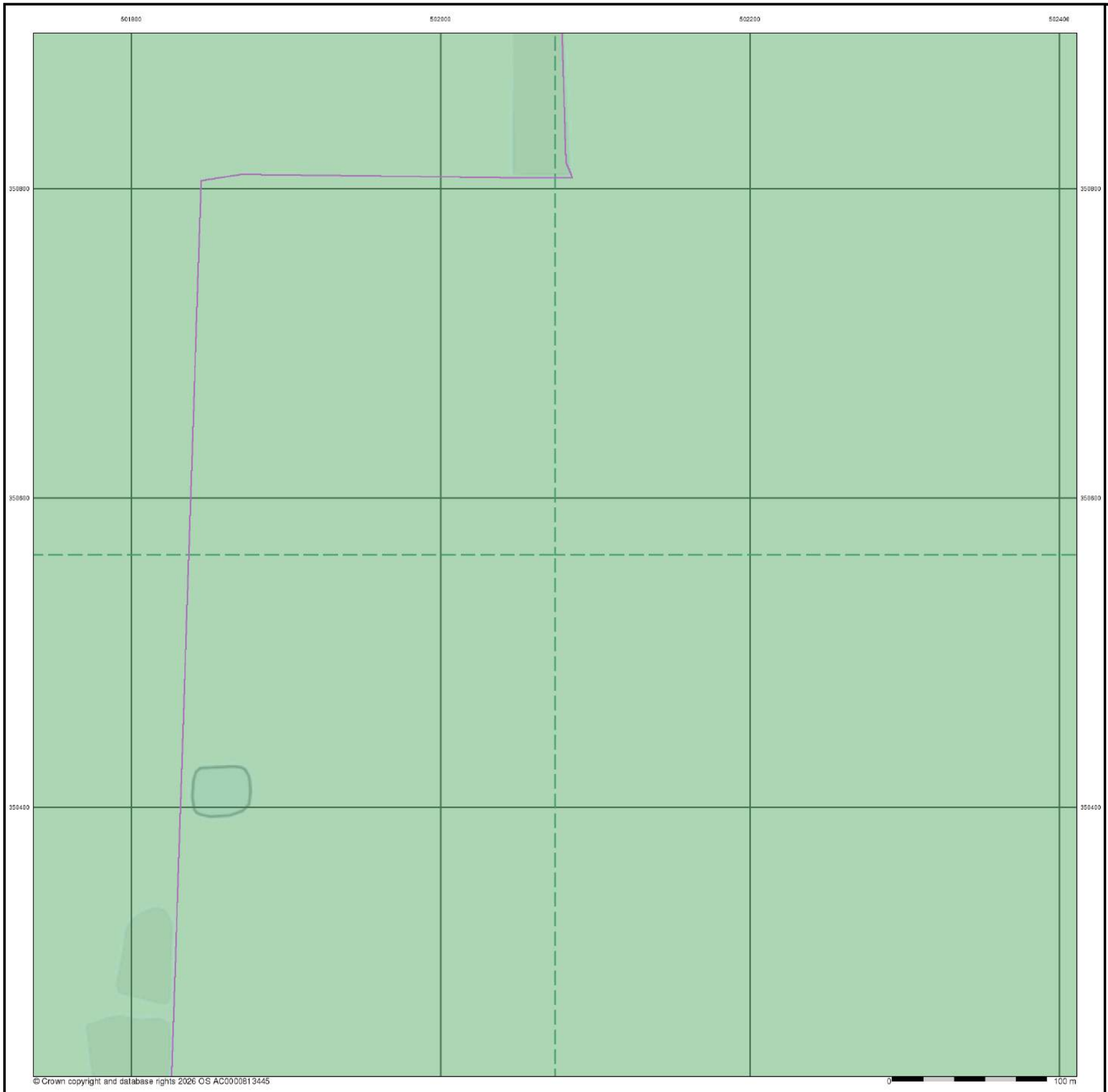
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

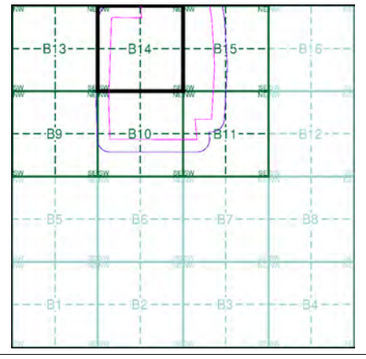
General

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

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment B14



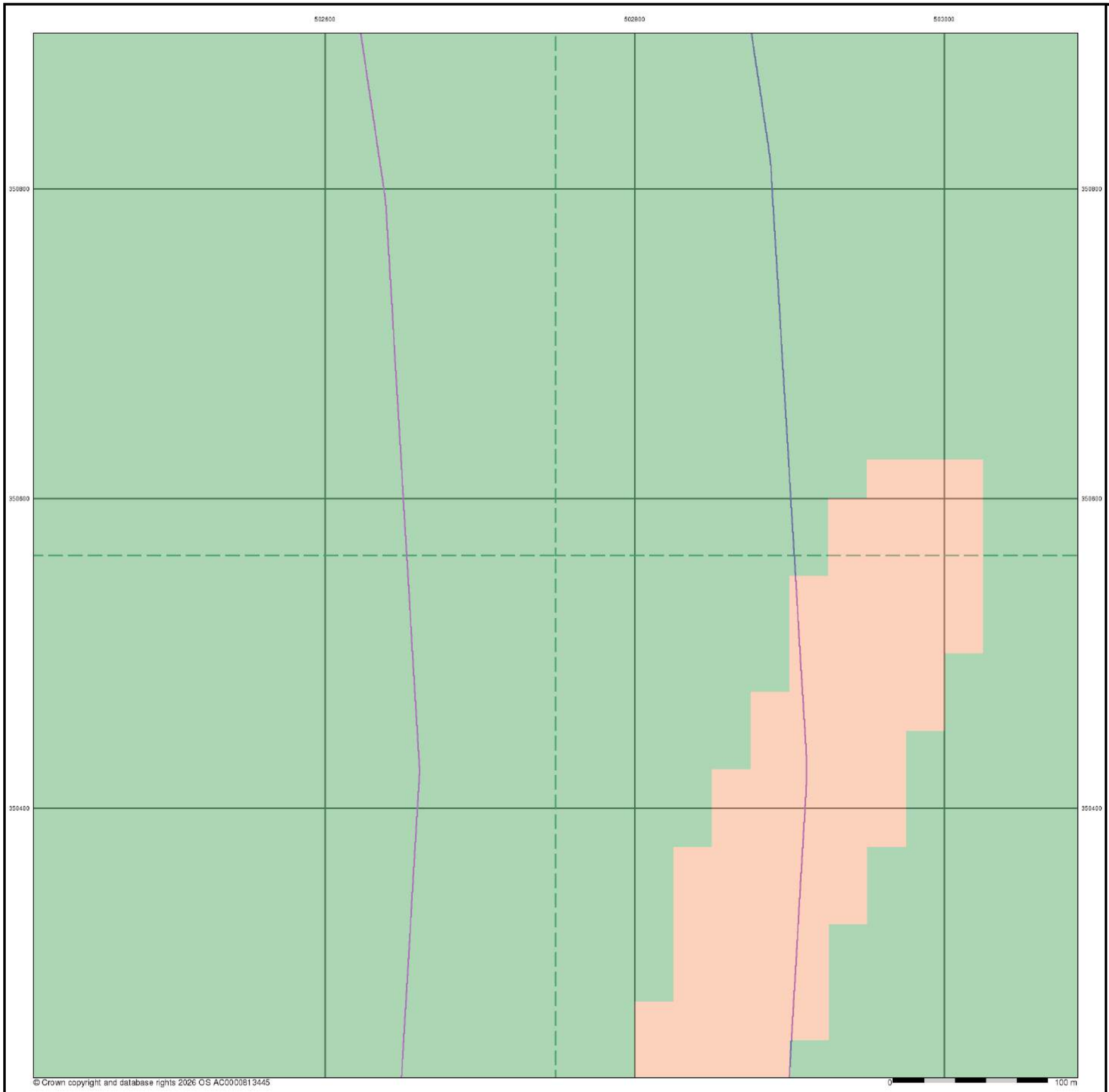
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

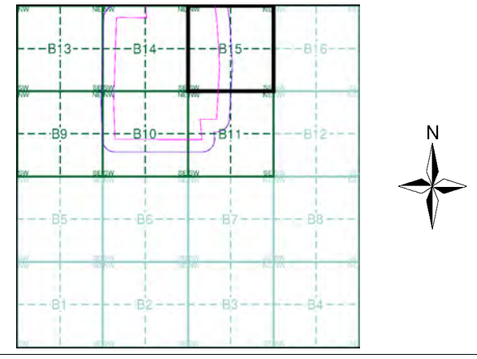
General

Specified Site Specified Buffer(s) X Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment B15



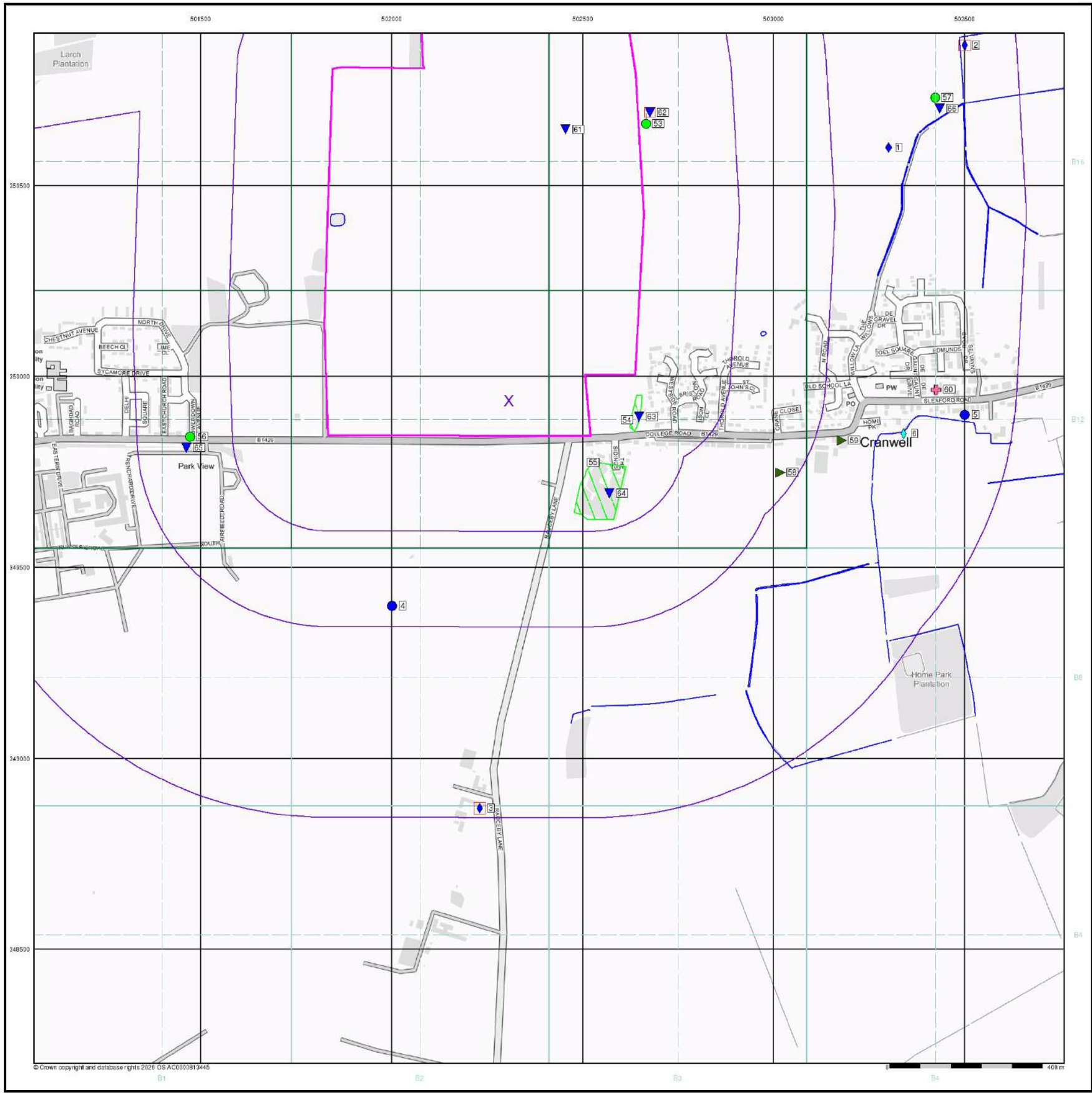
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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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
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
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- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

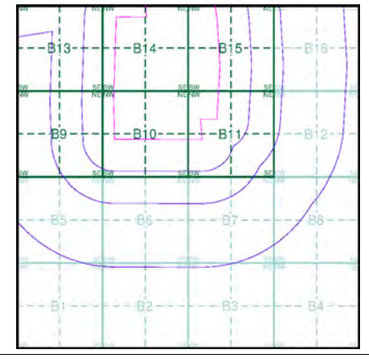
Geological

- 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
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- Licenced Waste Management Facility (Location)
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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)
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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
- Waste Exemption Permits

Site Sensitivity Map - Slice B



Order Details

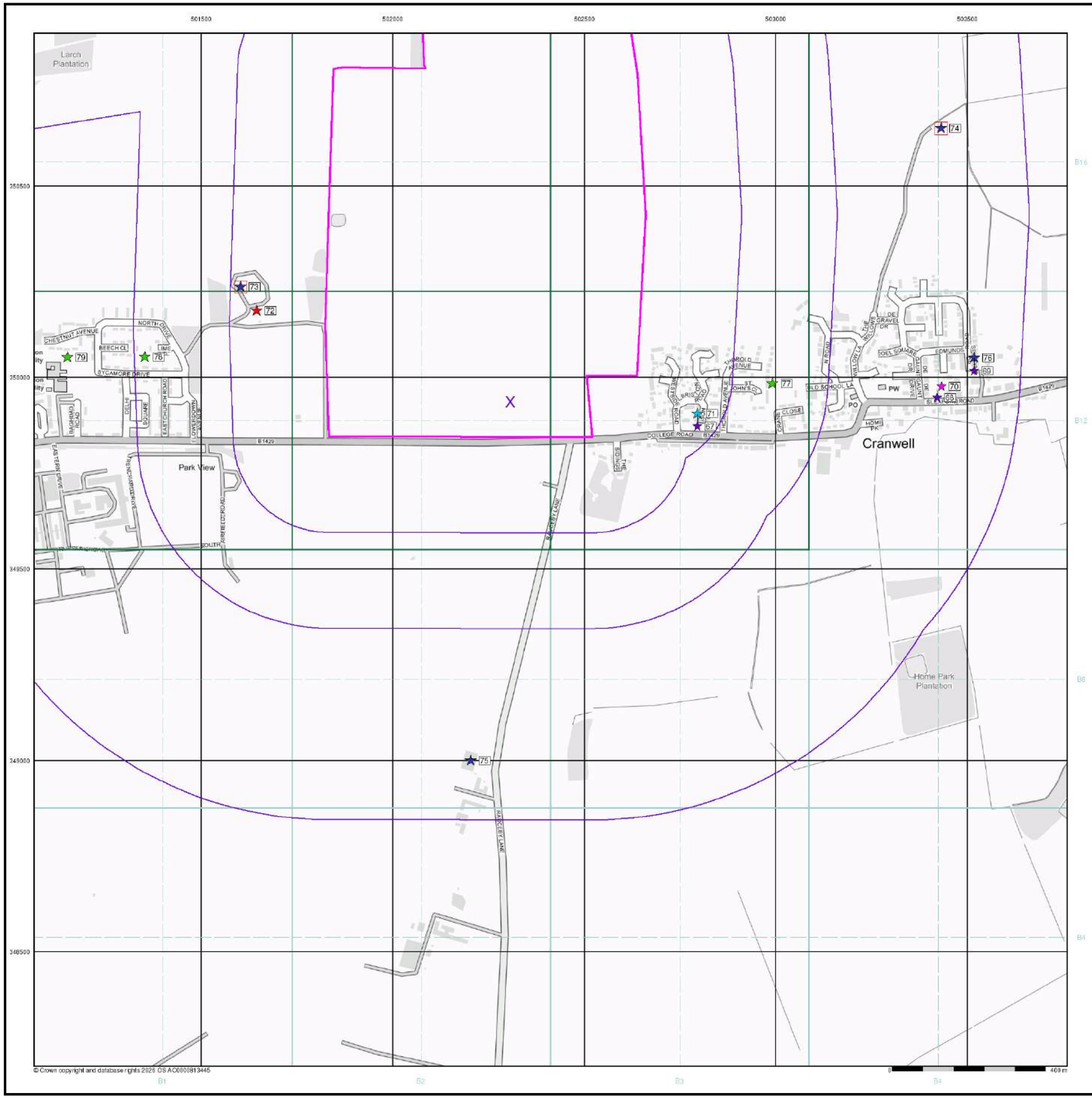
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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Industrial Land Use Map

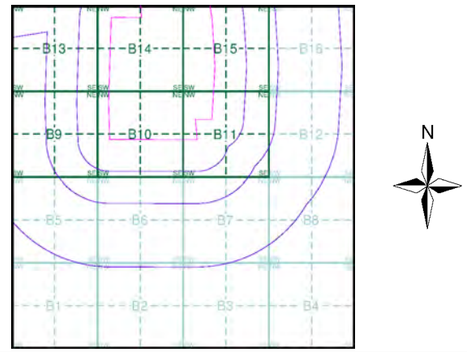
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- 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
- Pollution Inventory - Substances
- Pollution Inventory - Waste Transfers
- Pollution Inventory - Radioactive Waste
- Underground Electrical Cables

Industrial Land Use Map - Slice B



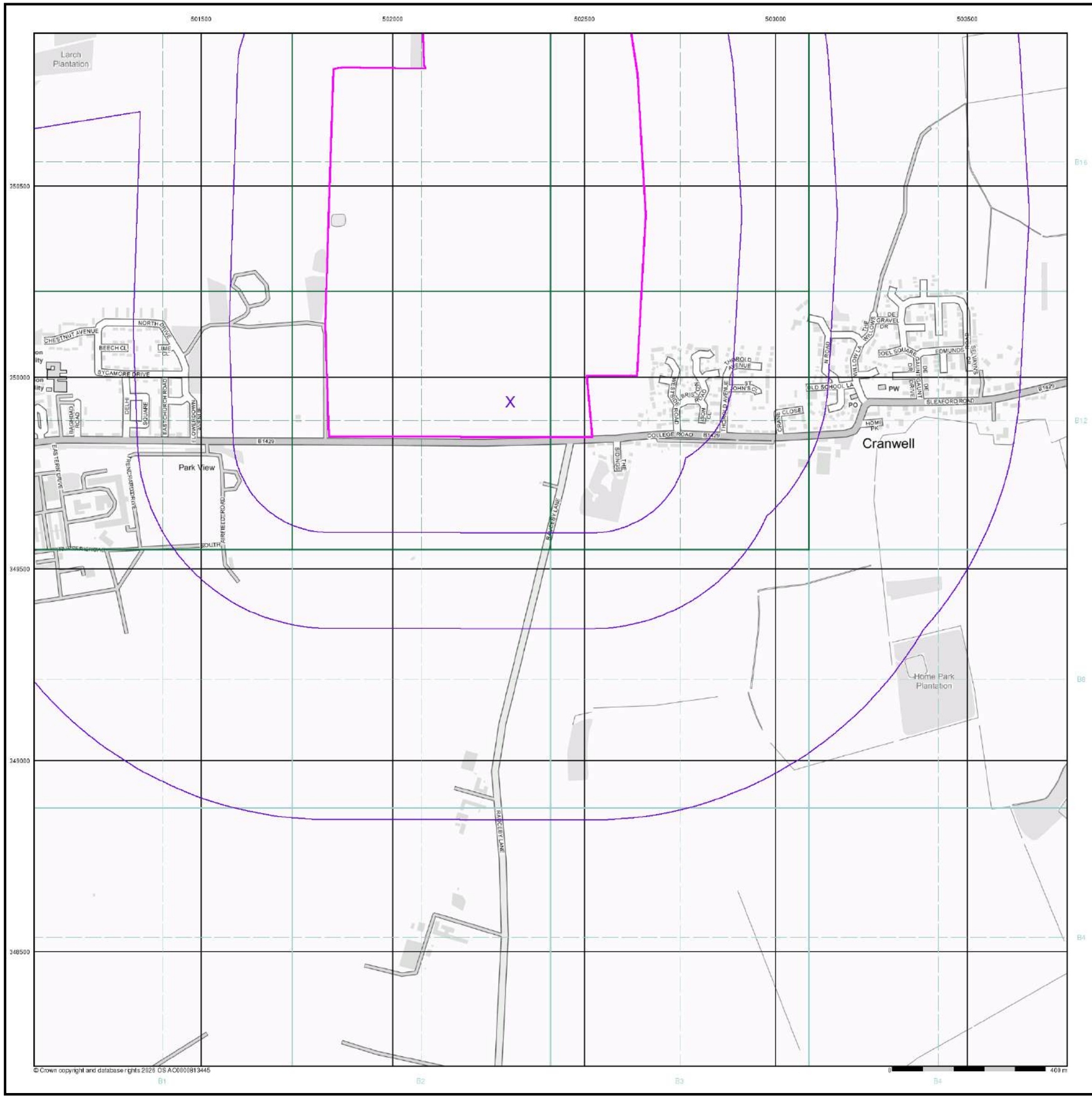
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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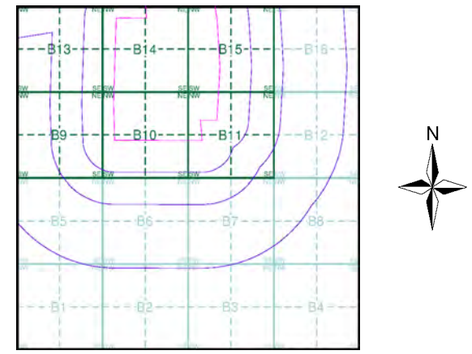
General

- 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 B



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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General

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

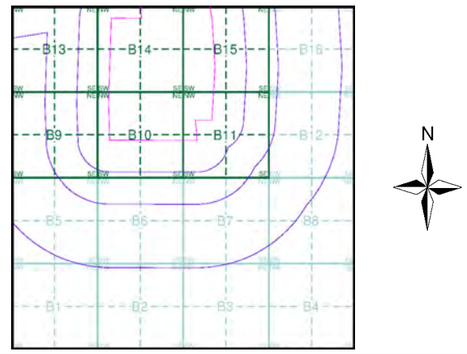
Agency and Hydrological (Boreholes)

- 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 B

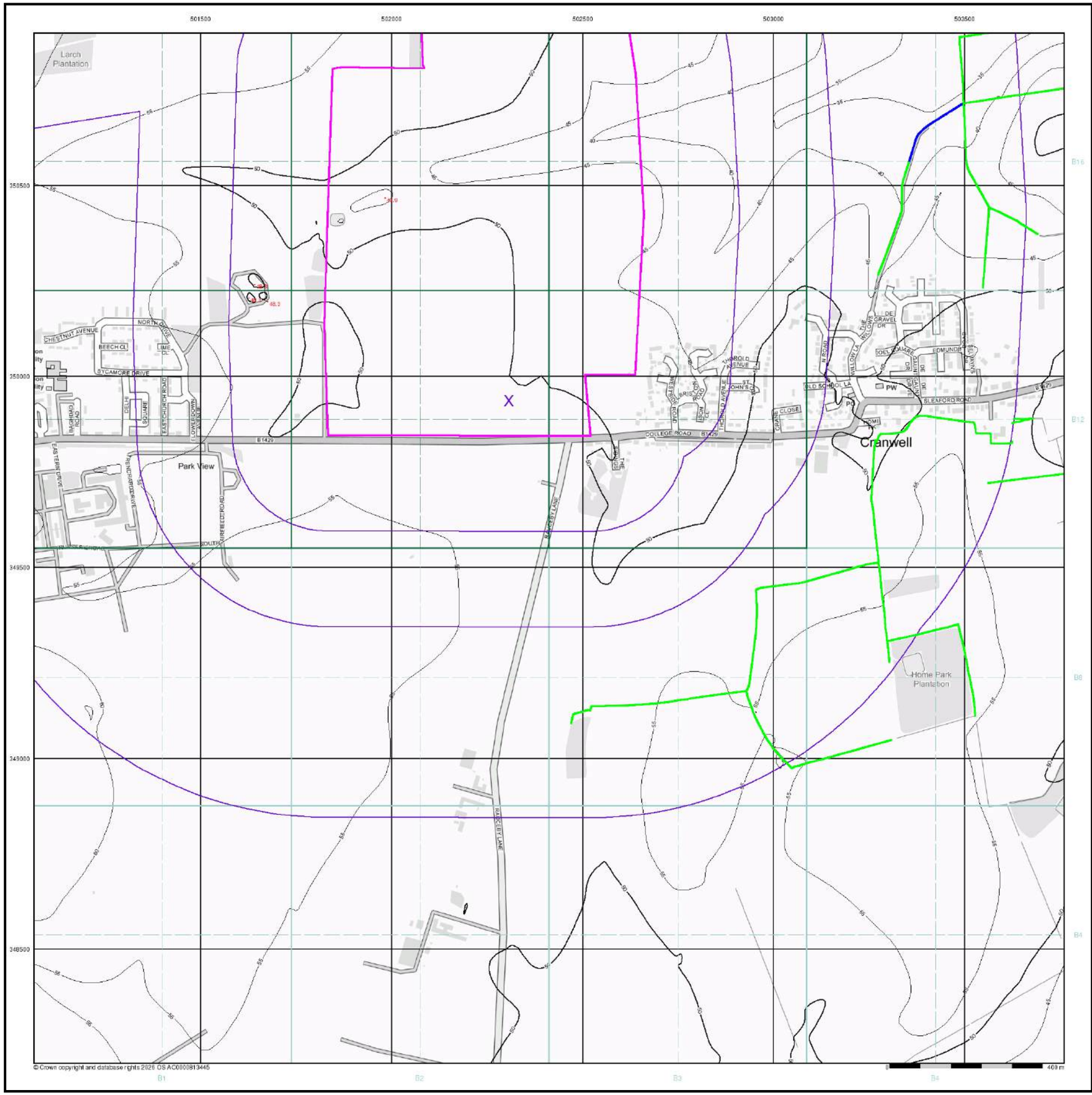


Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH



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General

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

OS NGD Water Network Links Data

- Canal
- Canal Feeder
- Reservoir
- Foreshore
- Marsh
- Watercourse
- Overflow
- Drain
- Other
- Still Water
- Leat
- Lock
- Sea

Contours (height in metres)

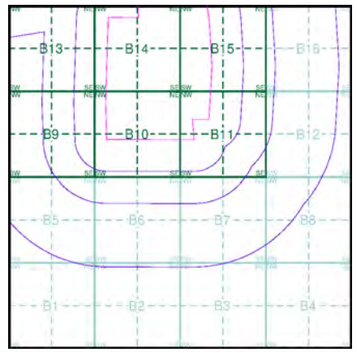
Standard Contour 105 100 95

Master Contour

Spot Height *167.3

- MLW Mean Low Water
- MHW Mean High Water

OS NGD Water Network Map - Slice B



Order Details

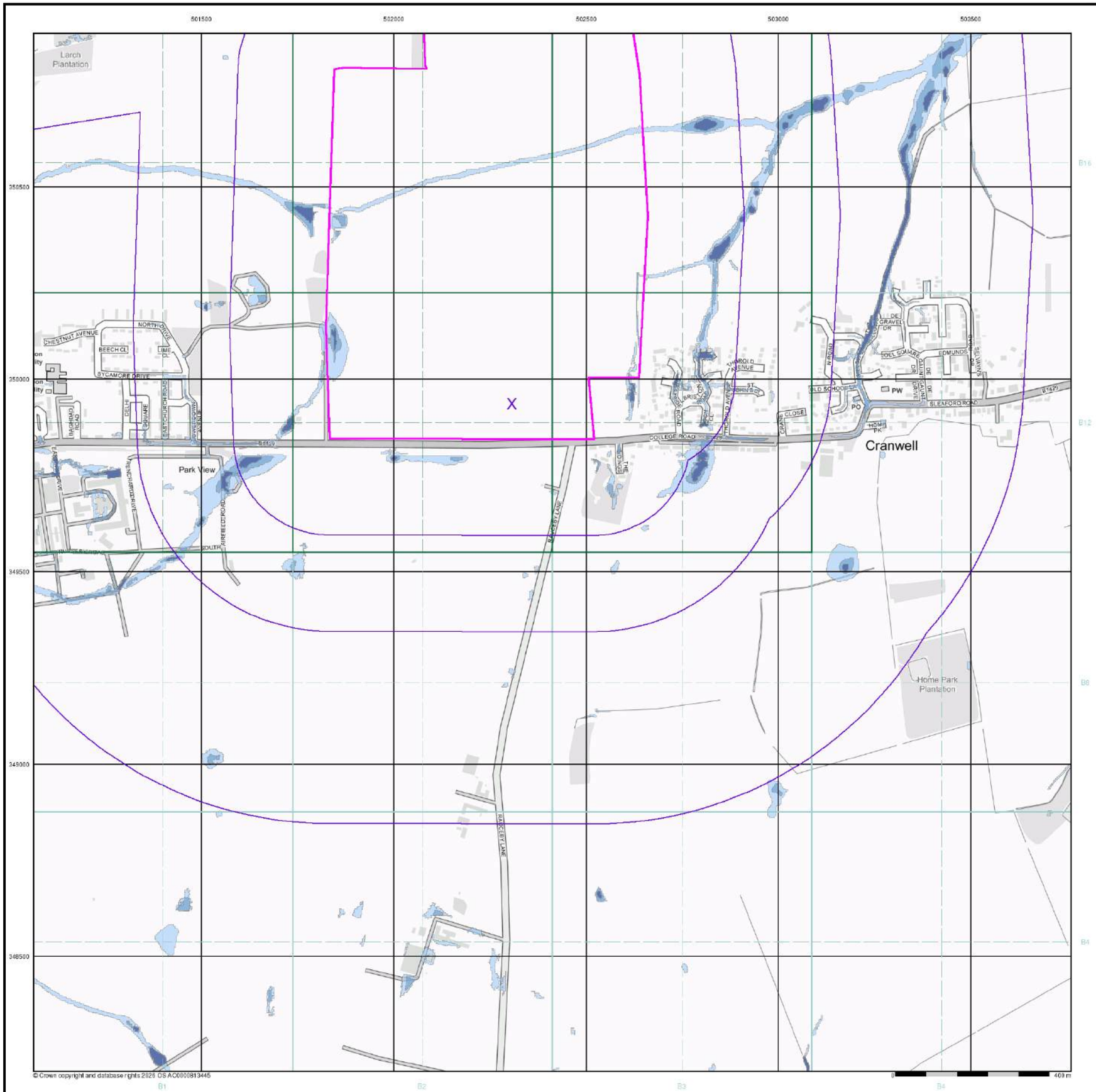
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Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

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- Specified Buffer(s)
- X Bearing Reference Point

Risk of Flooding from Surface Water

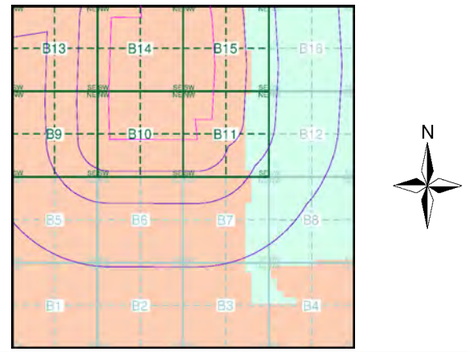
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

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

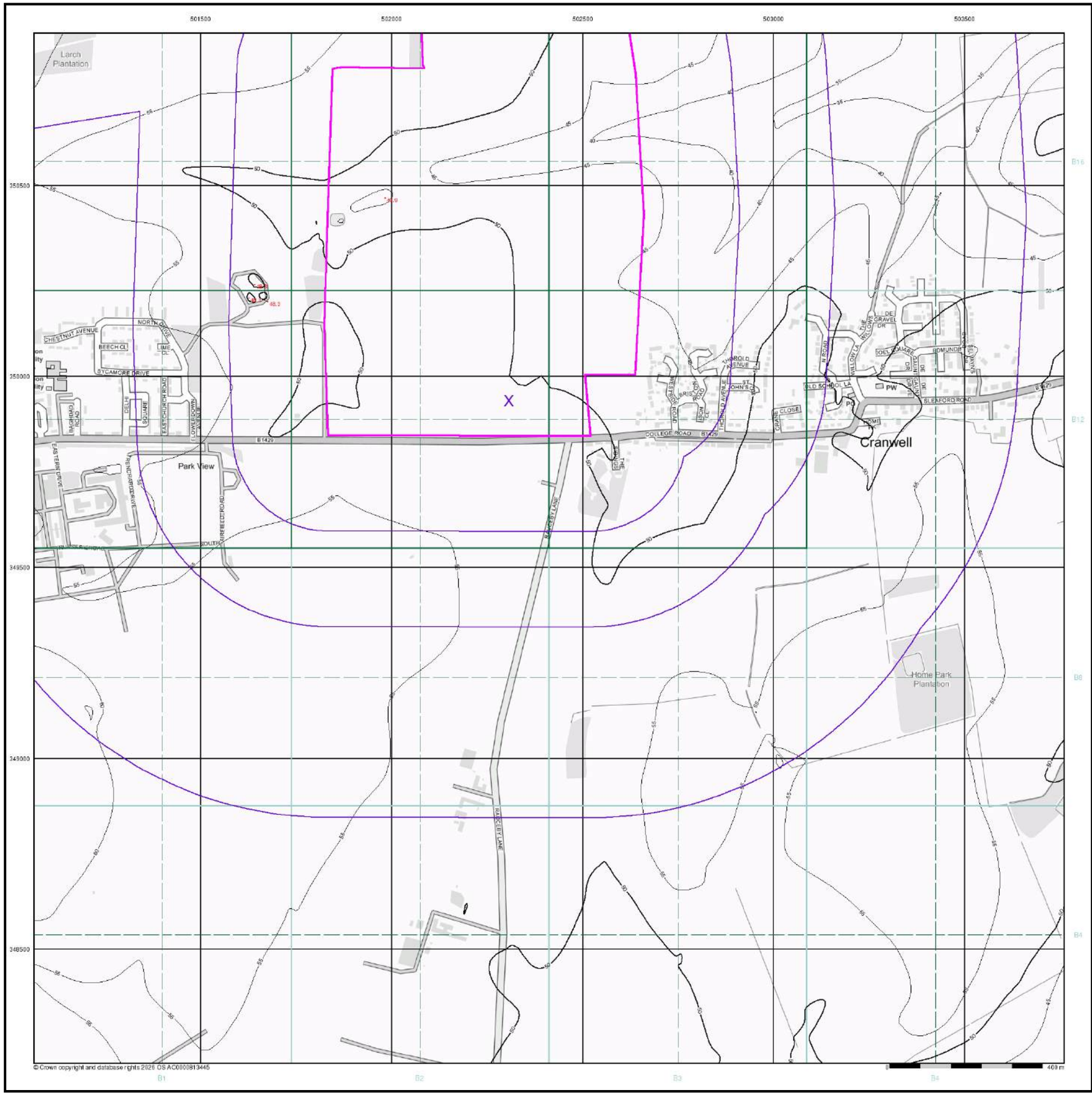


Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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WFD Surface Waters Map

General

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

Slice | Map ID

Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

Contours (height in meters)

Standard Contour 105 100 95

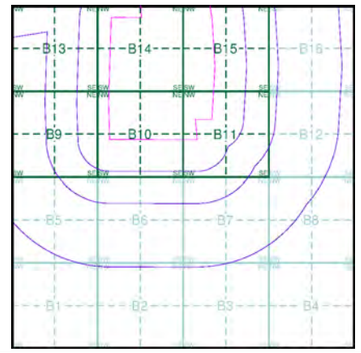
Master Contour

Spot Height * 167.3

MLW Mean Low Water

MHW Mean High Water

WFD Surface Waters Map - Slice B



Order Details

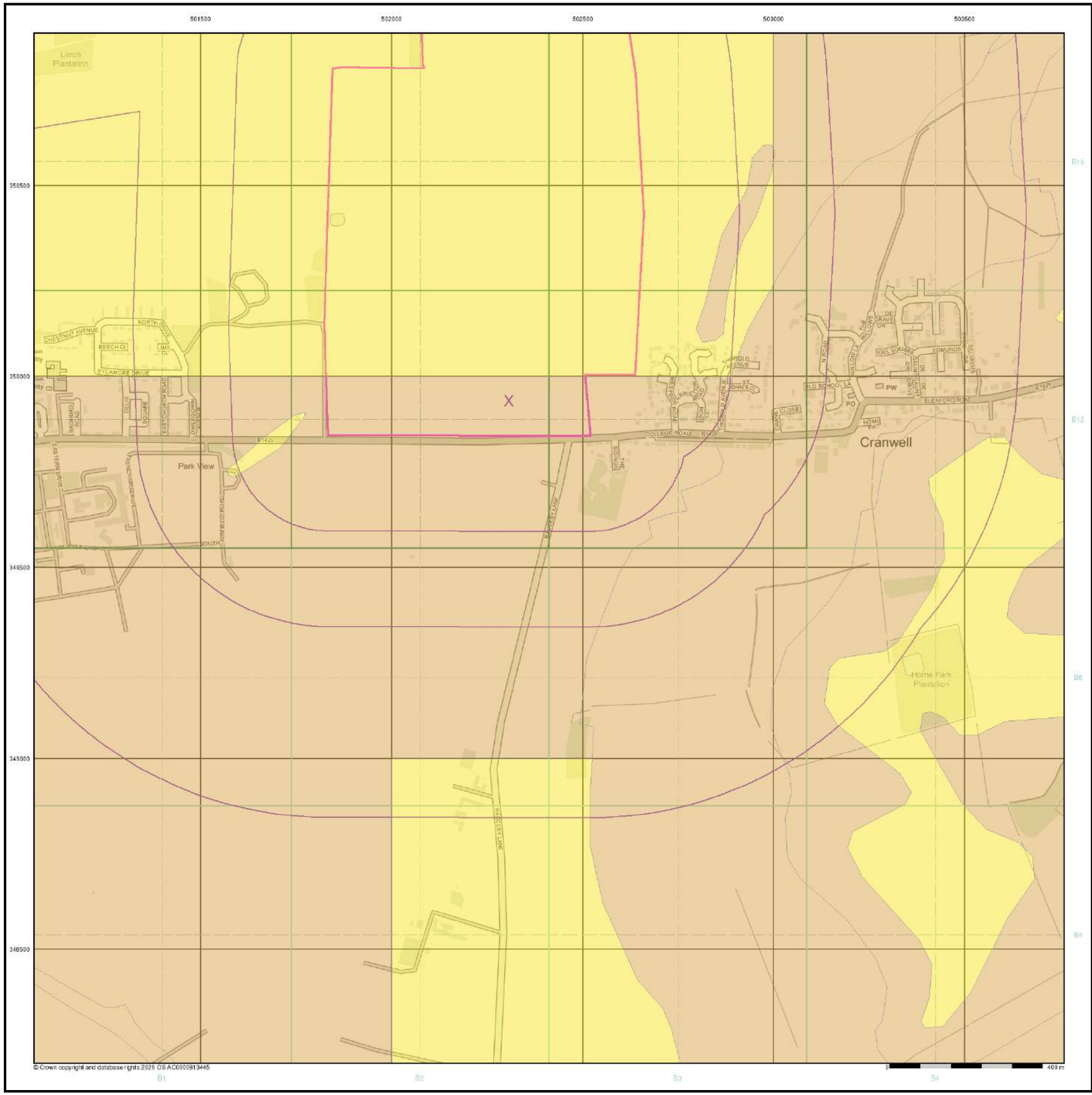
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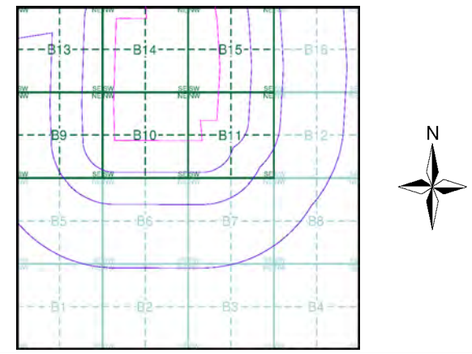
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

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

Estimated Soil Chemistry Arsenic - Slice B



Order Details

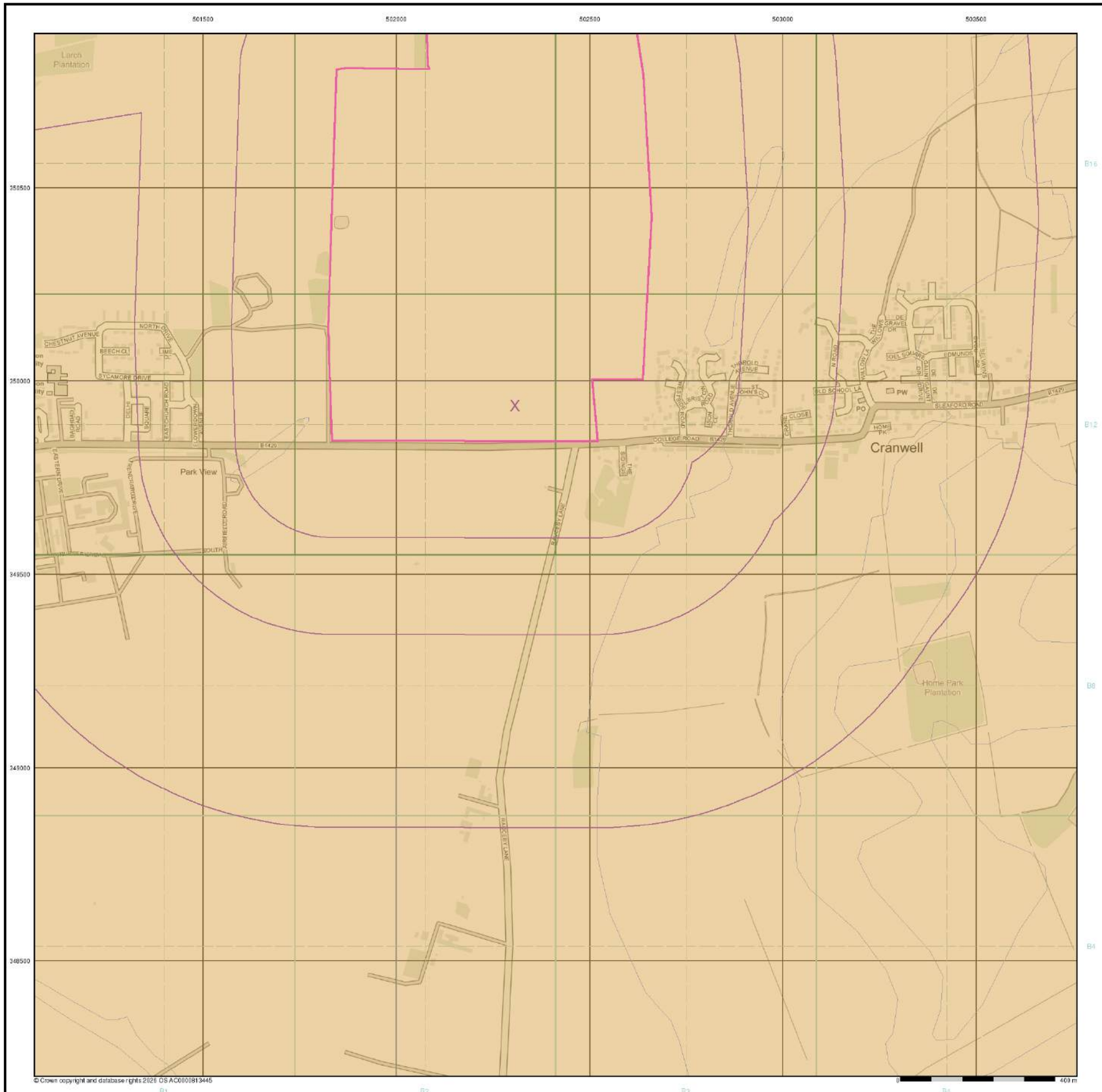
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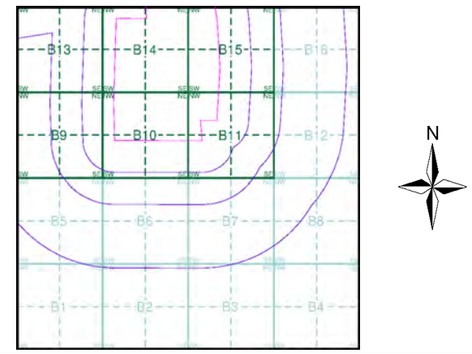
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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

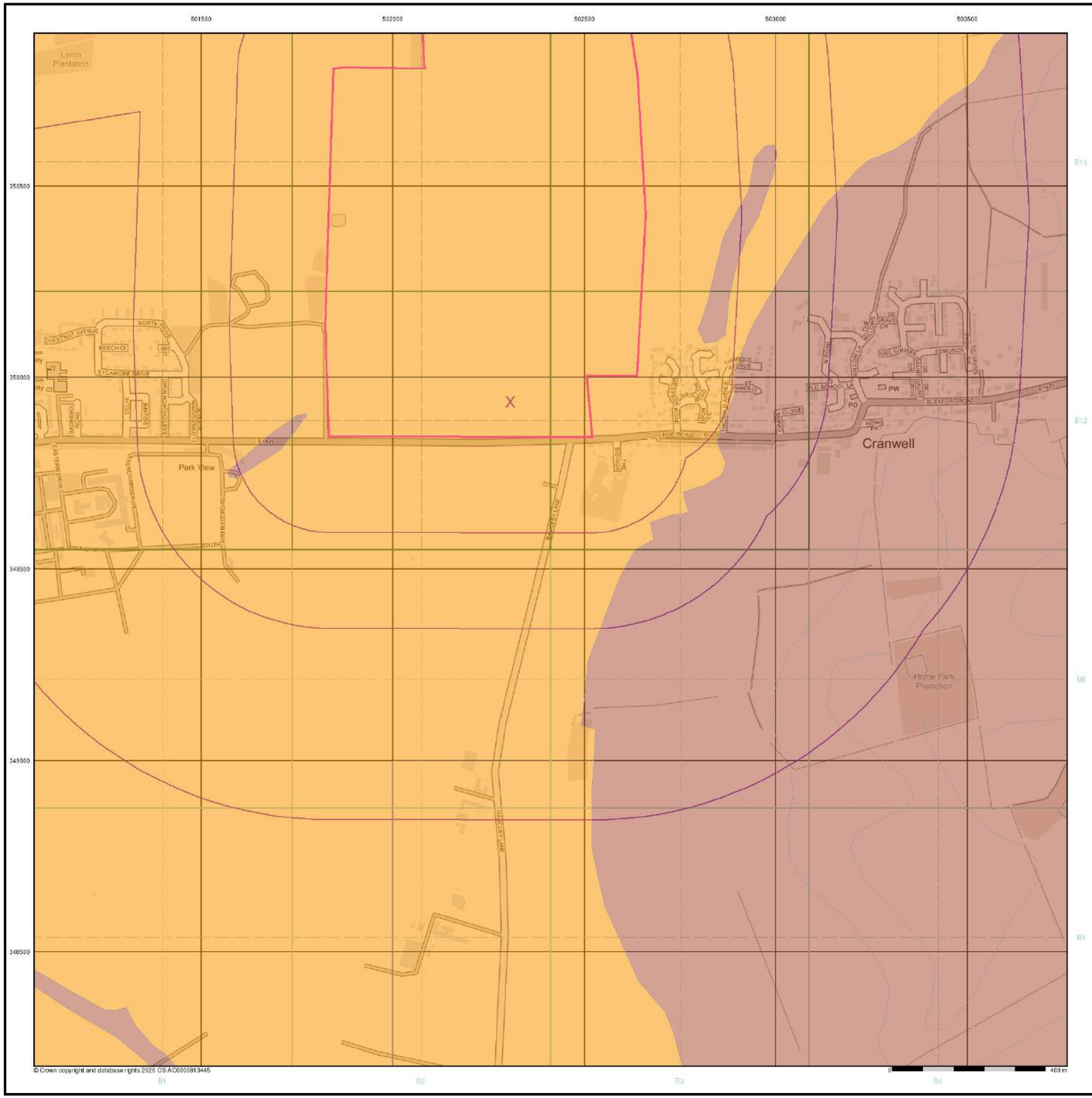
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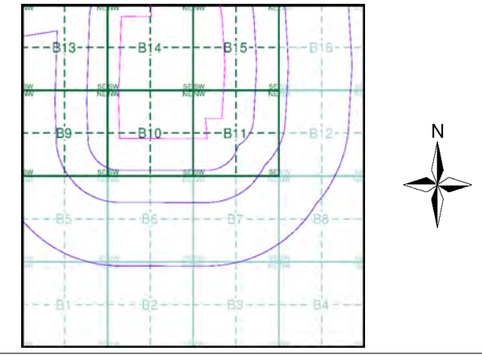
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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



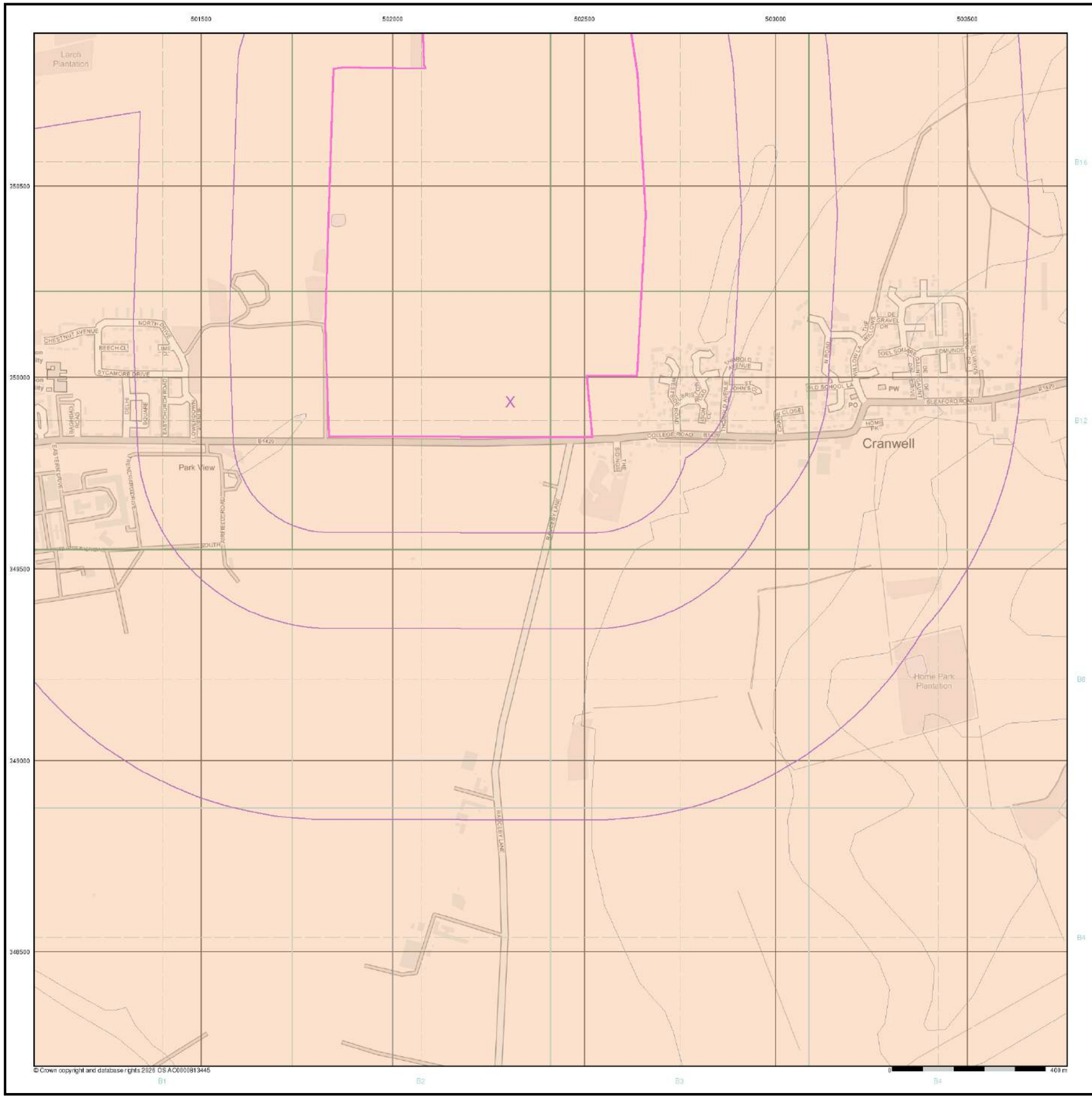
Order Details

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Customer Ref:	323777
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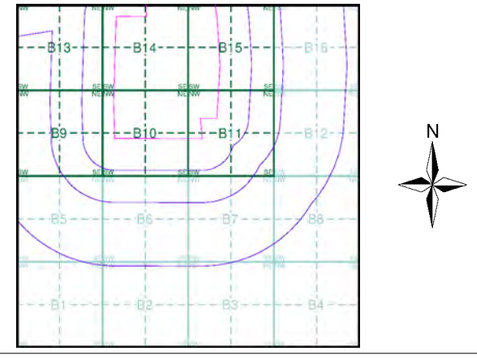
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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



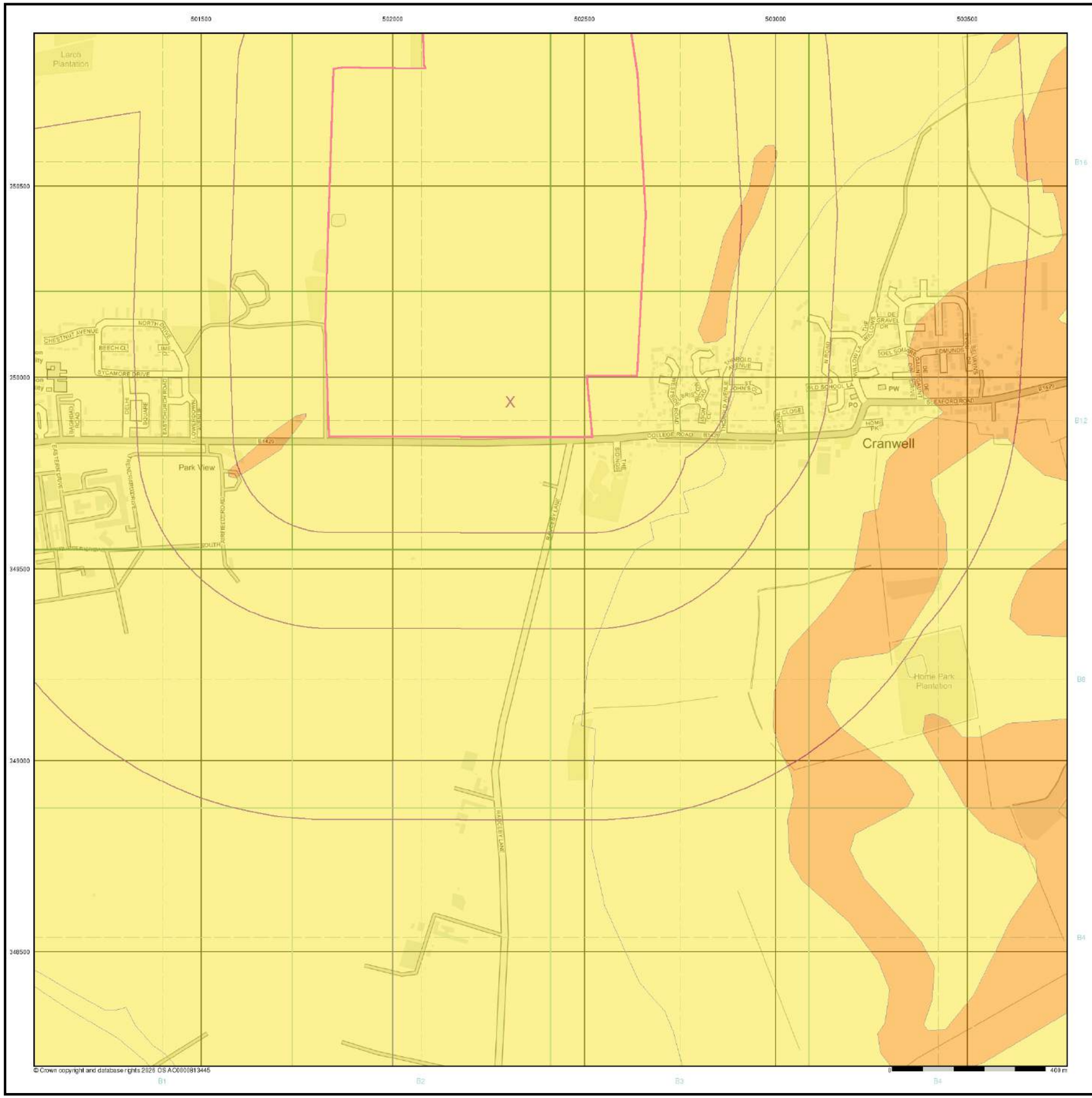
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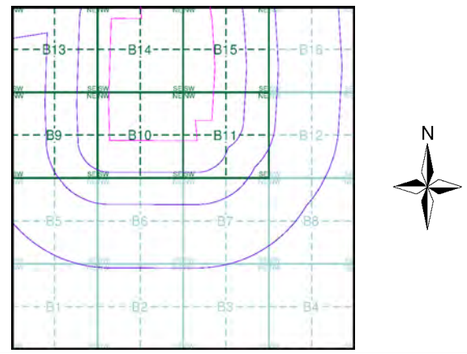
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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

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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
Electricity Transmission Line
Pole
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

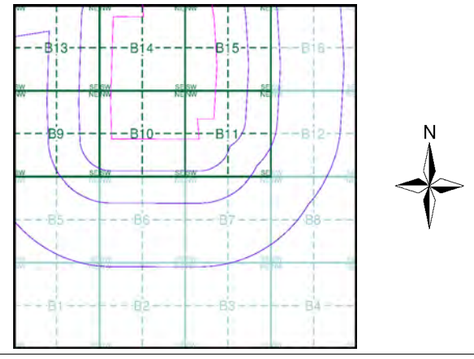
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community 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
Lincolnshire	1:10,560	1887	2
Lincolnshire	1:10,560	1905 - 1906	3
Lincolnshire	1:10,560	1947 - 1950	4
Ordnance Survey Plan	1:10,000	1956	5
Ordnance Survey Plan	1:10,000	1974	6
Ordnance Survey Plan	1:10,000	1984 - 1985	7
Ordnance Survey Plan	1:10,000	1996	8
10K Raster Mapping	1:10,000	2000	9
10K Raster Mapping	1:10,000	2006	10
VectorMap Local	1:10,000	2026	11

Historical Map - Slice B



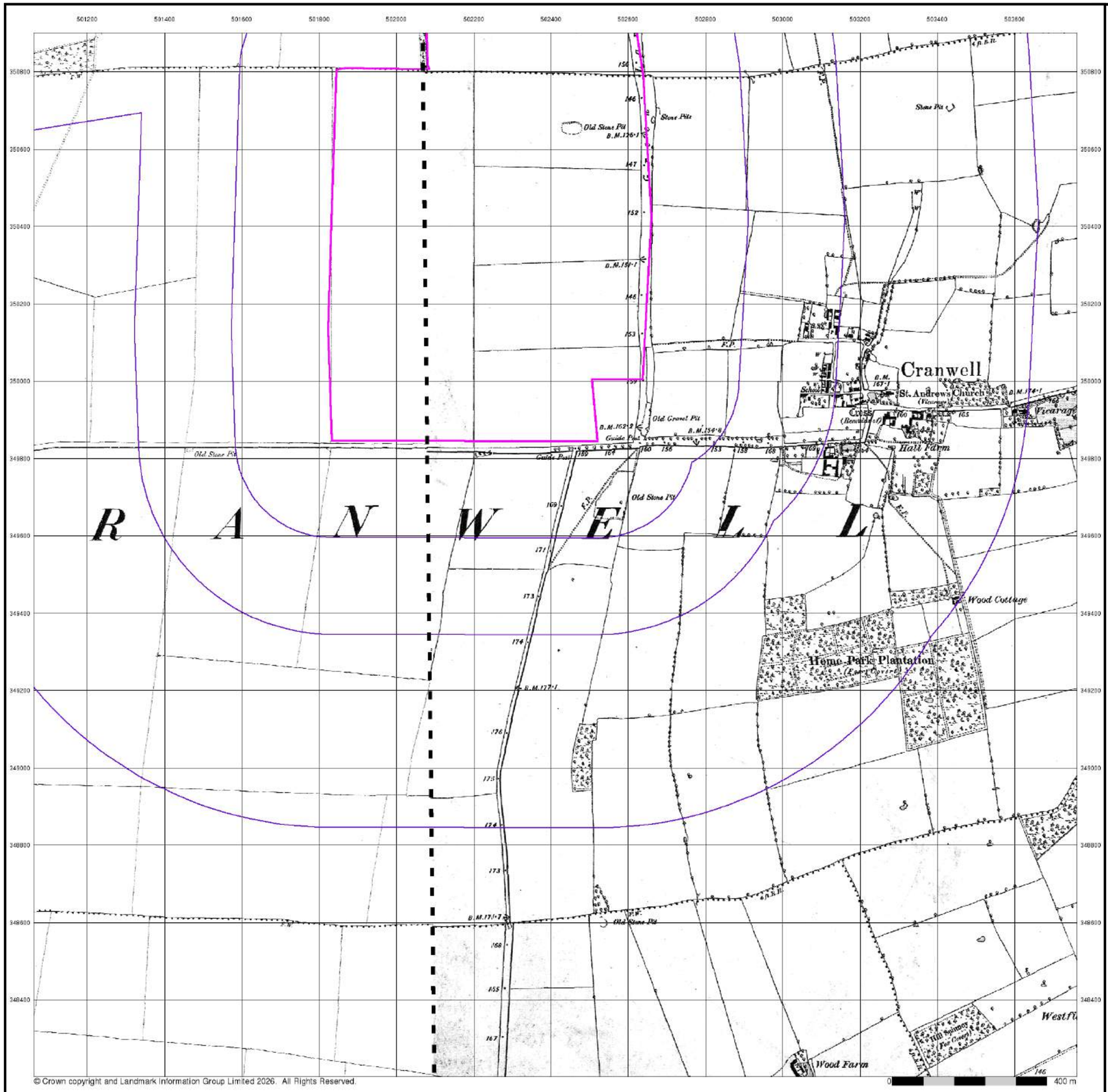
Order Details

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Customer Ref: 323777
National Grid Reference: 502310, 349940
Slice: B
Site Area (Ha): 259.07
Search Buffer (m): 1000

Site Details

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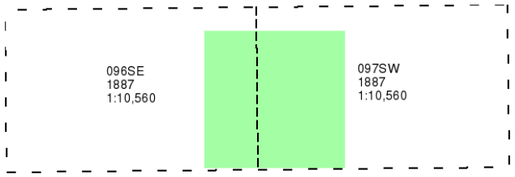
Lincolnshire

Published 1887

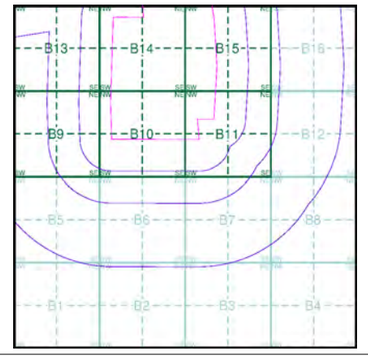
Source map scale - 1:10,560

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

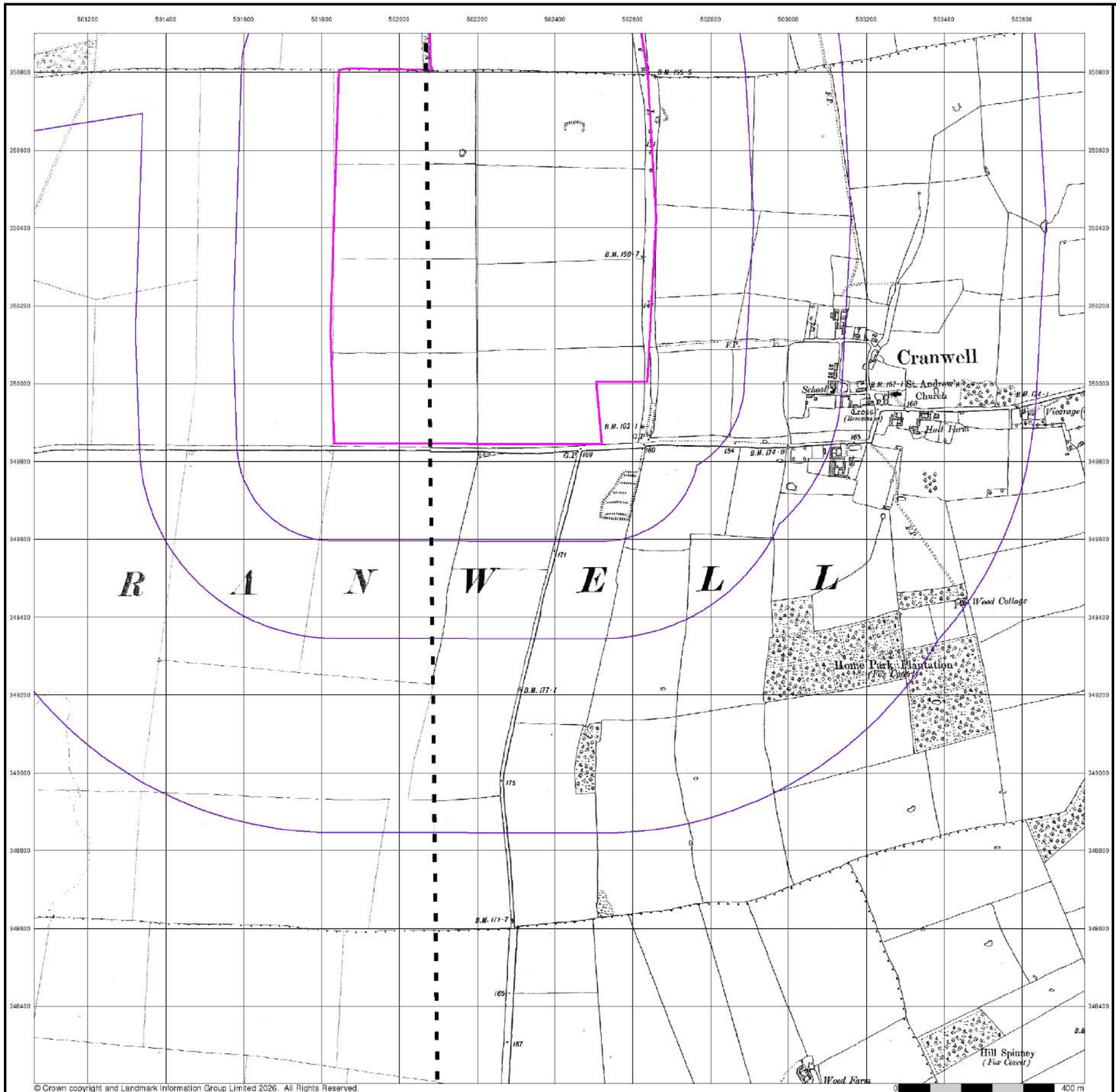
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National Grid Reference:	502310, 349940
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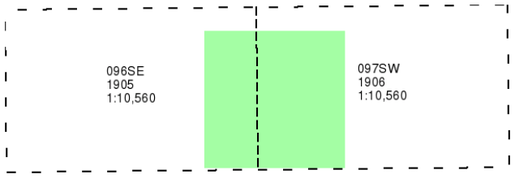
Lincolnshire

Published 1905 - 1906

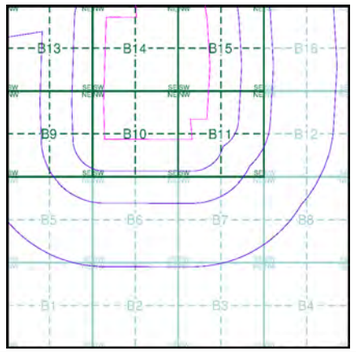
Source map scale - 1:10,560

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Historical Map - Slice B



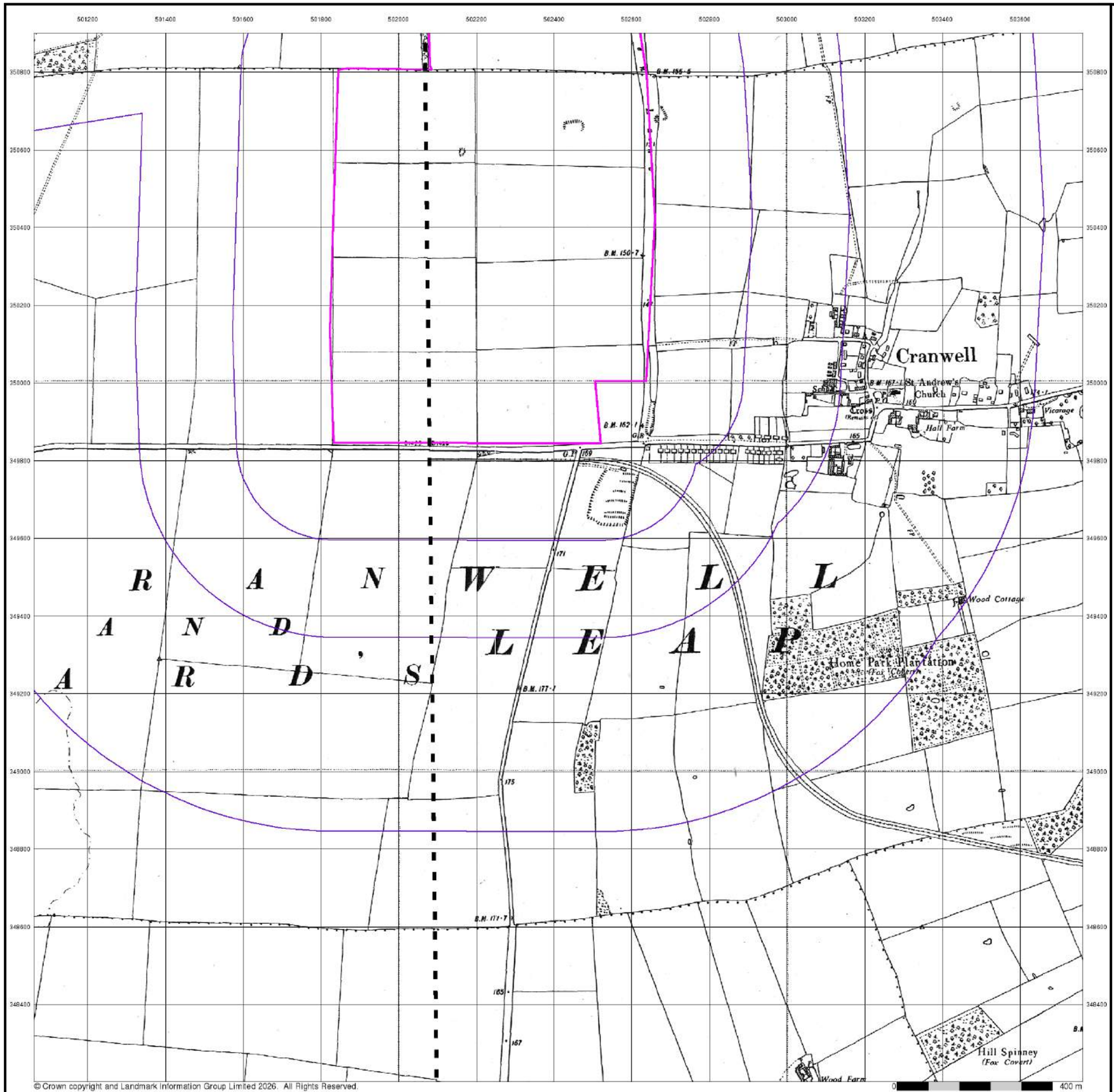
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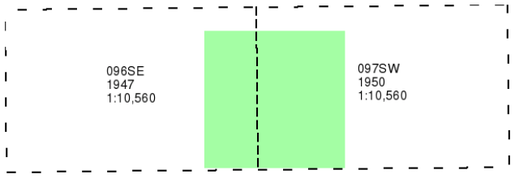
Lincolnshire

Published 1947 - 1950

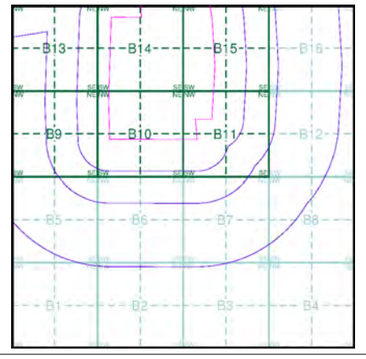
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Map Name(s) and Date(s)



Historical Map - Slice B



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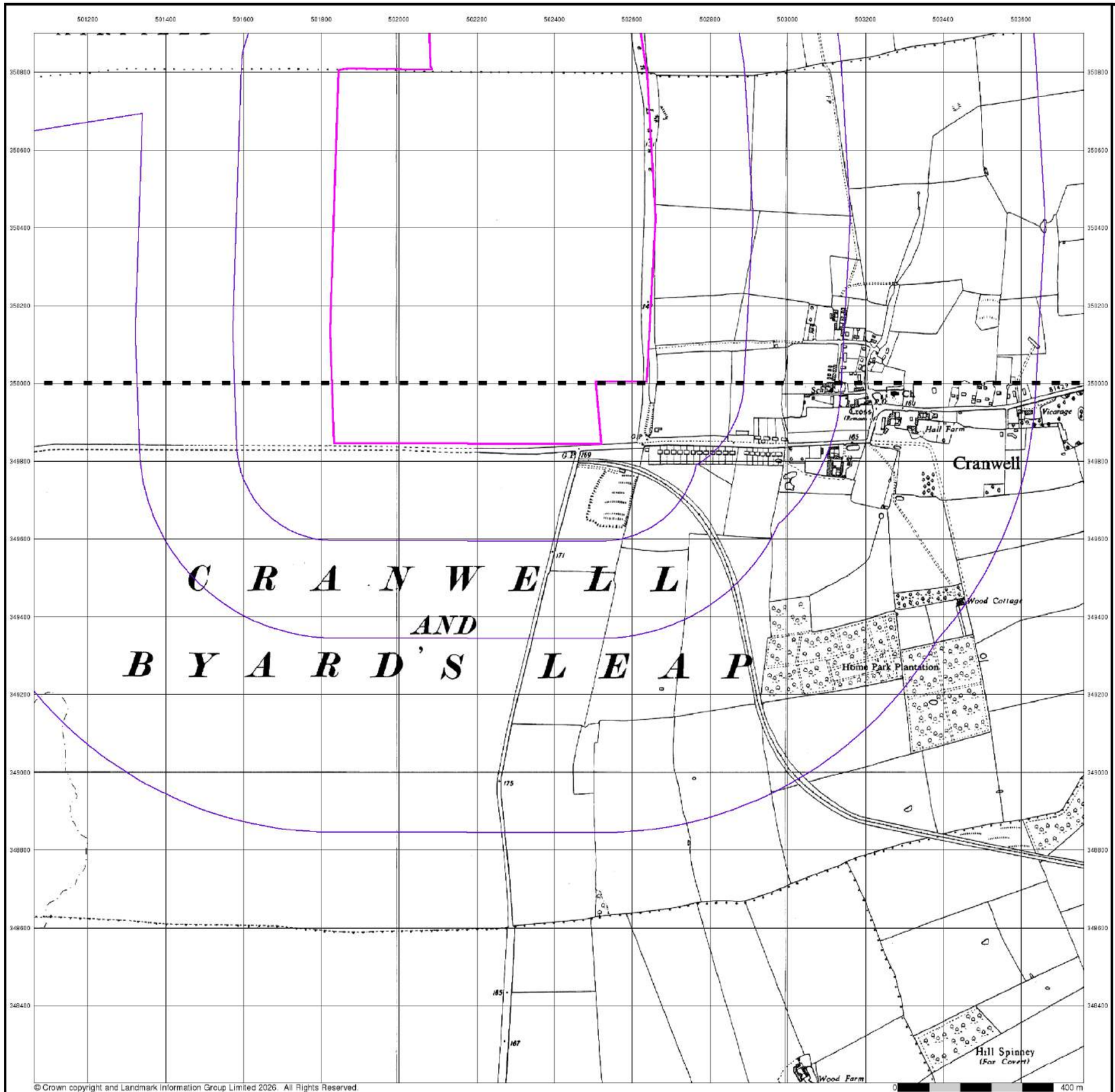
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Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Ordnance Survey Plan

Published 1956

Source map scale - 1:10,000

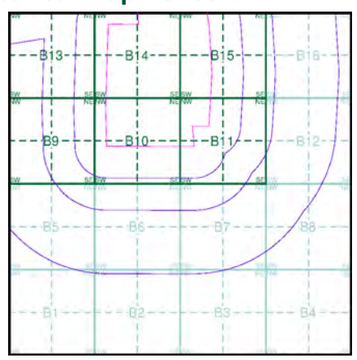
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)

TF05SW
1956
1:10,560

TF04NW
1956
1:10,560

Historical Map - Slice B



Order Details

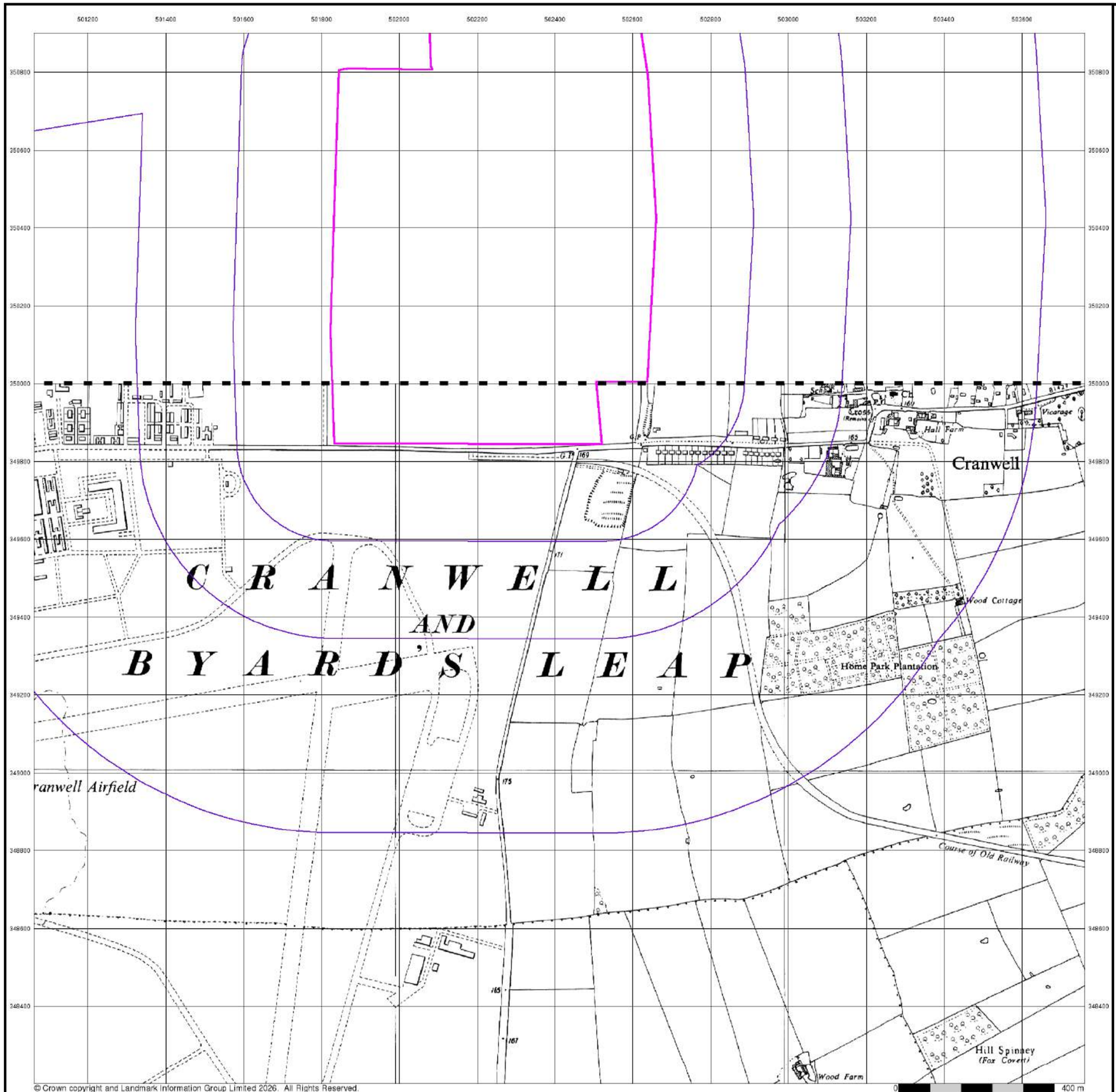
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Customer Ref:	323777
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Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

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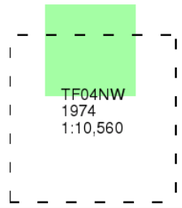
Ordnance Survey Plan

Published 1974

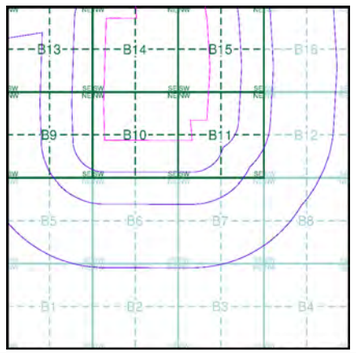
Source map scale - 1:10,000

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 B



Order Details

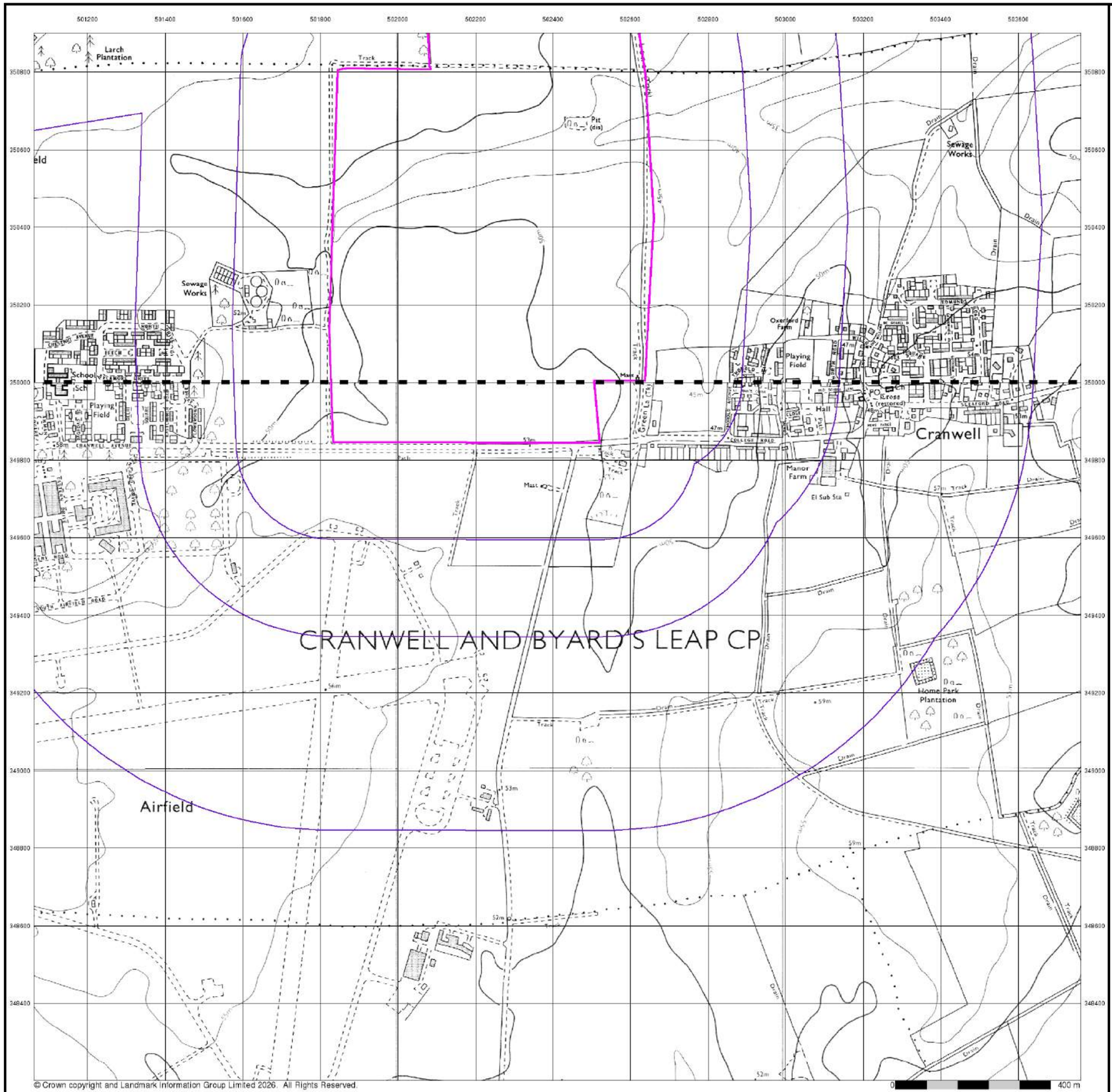
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Customer Ref:	323777
National Grid Reference:	502310, 349940
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Site Area (Ha):	259.07
Search Buffer (m):	1000

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Ordnance Survey Plan

Published 1984 - 1985

Source map scale - 1:10,000

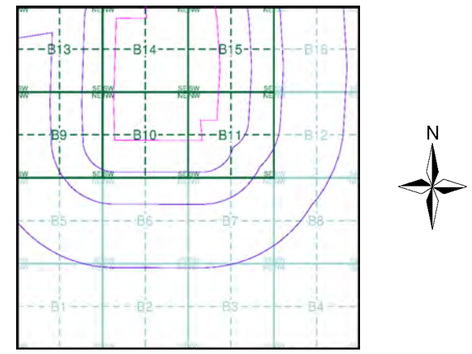
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

TF05SW
1985
1:10,000

TF04NW
1984
1:10,000

Historical Map - Slice B



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
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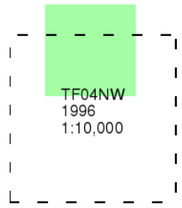
Ordnance Survey Plan

Published 1996

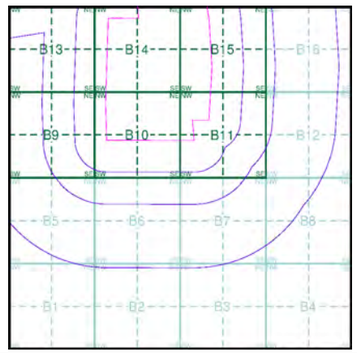
Source map scale - 1:10,000

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 B



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

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10k Raster Mapping

Published 2000

Source map scale - 1:10,000

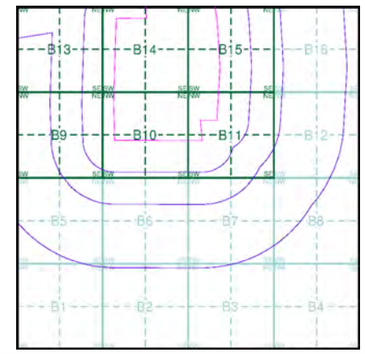
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)

TF05SW
2000
1:10,000

TF04NW
2000
1:10,000

Historical Map - Slice B



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

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10k Raster Mapping

Published 2006

Source map scale - 1:10,000

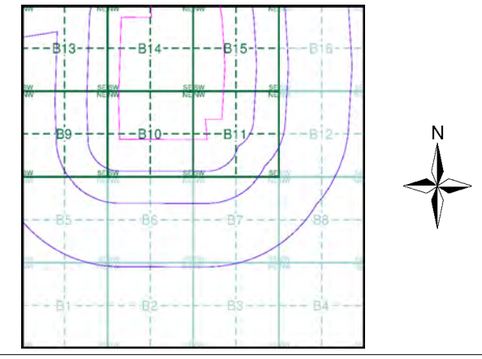
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks 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)

TF05SW
2006
1:10,000

TF04NW
2006
1:10,000

Historical Map - Slice B



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	1000

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VectorMap Local

Published 2026

Source map scale - 1:10,000

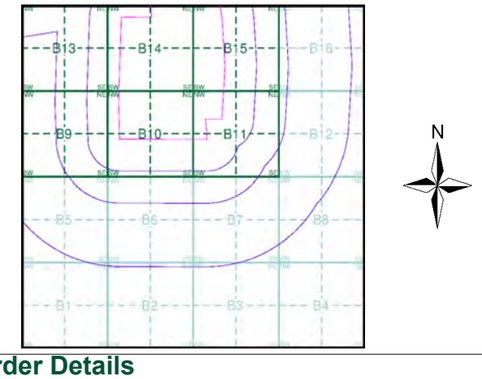
VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap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

TF05SW
2026
Variable

TF04NW
2026
Variable

Historical Map - Slice B



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
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Slice:	B
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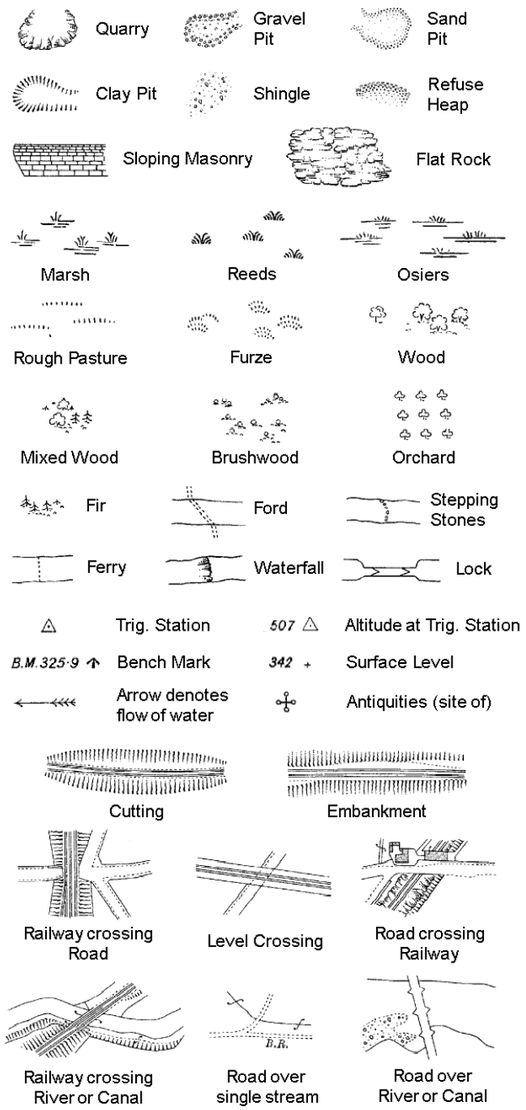
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Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

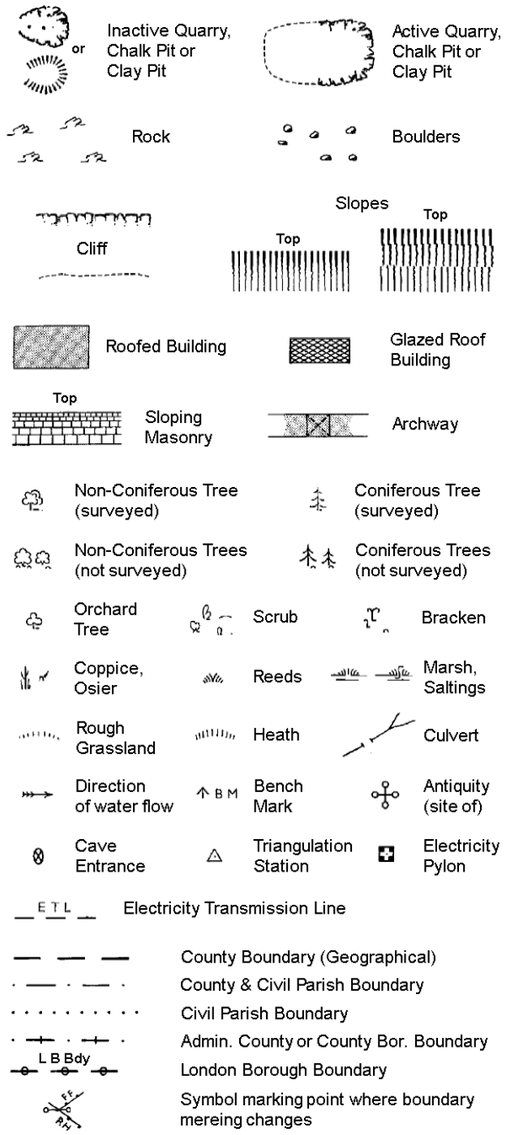
Administrative County & Civil Parish Boundary

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

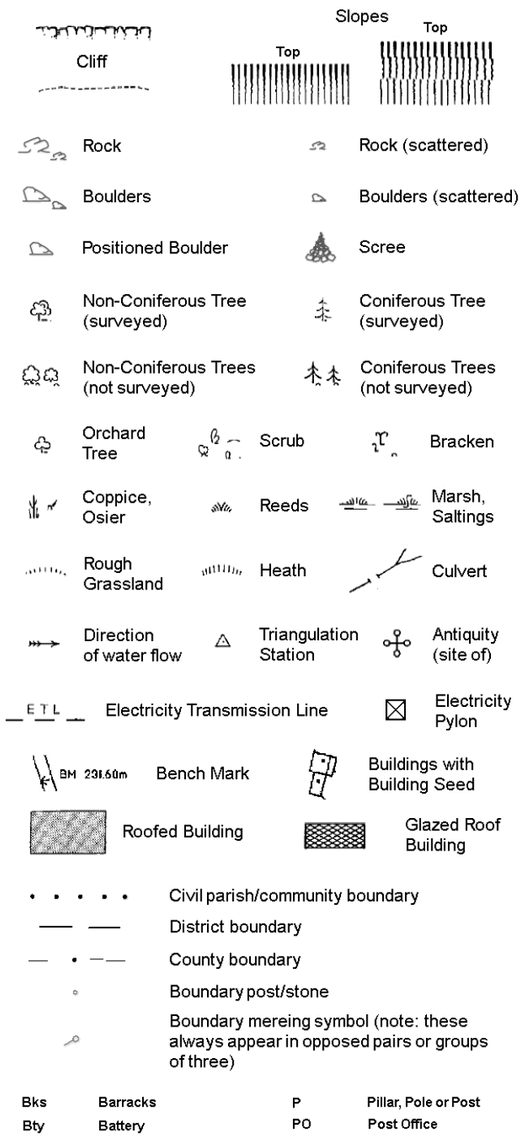
Admin. County or County Bor. Boundary

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

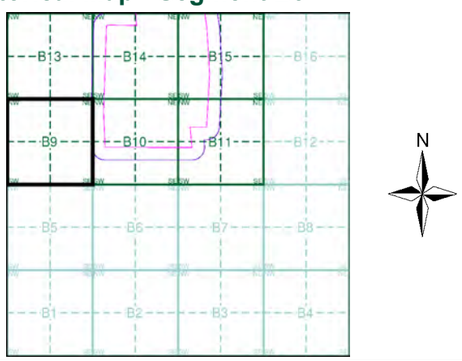
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1887	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1980	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment B9



Order Details

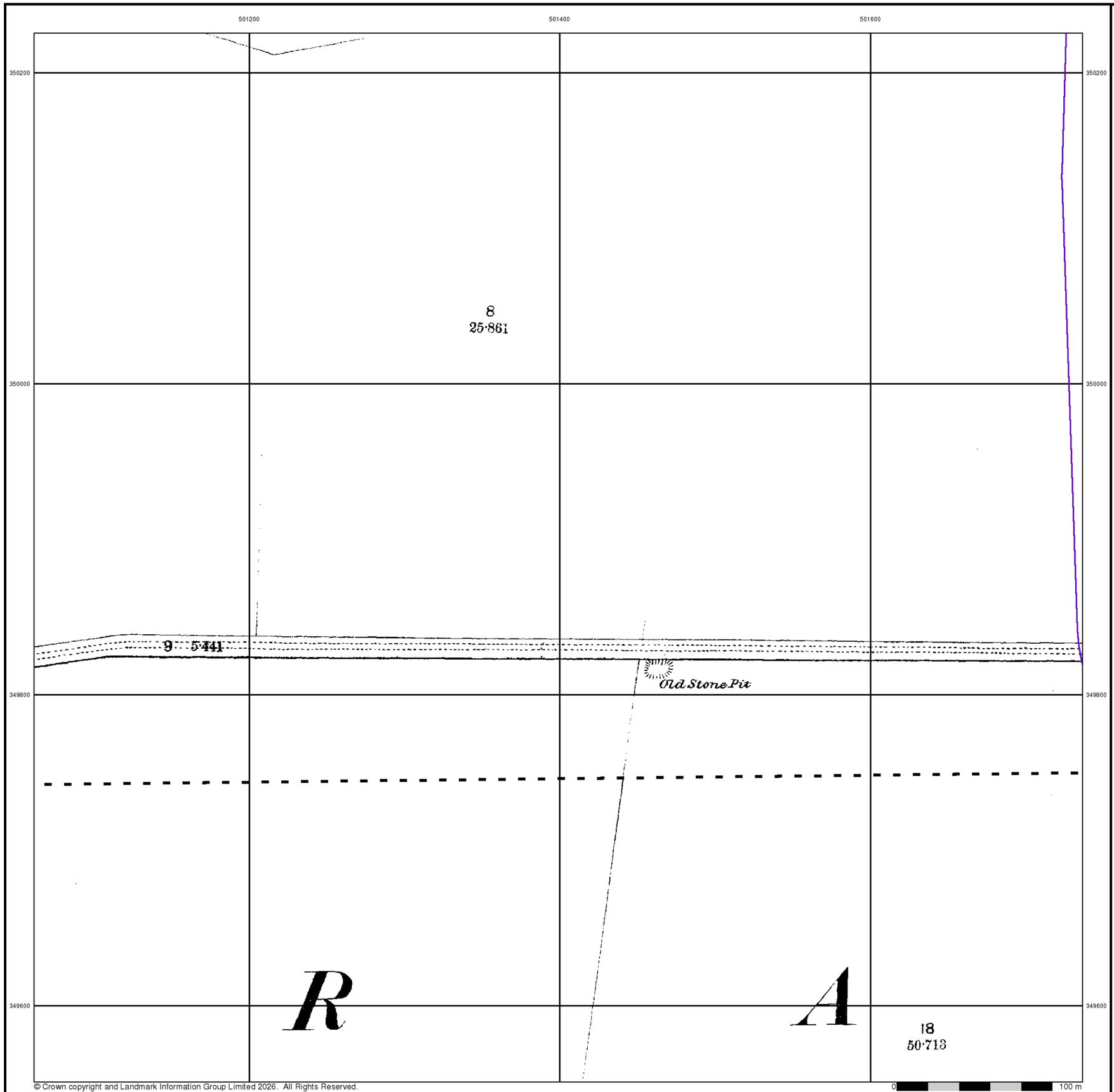
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Site Area (Ha): 259.07
Search Buffer (m): 100

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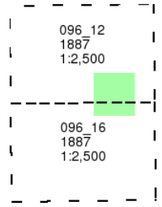
Lincolnshire

Published 1887

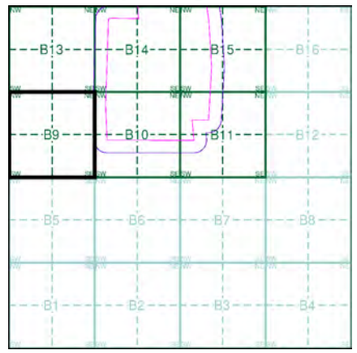
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment B9



Order Details

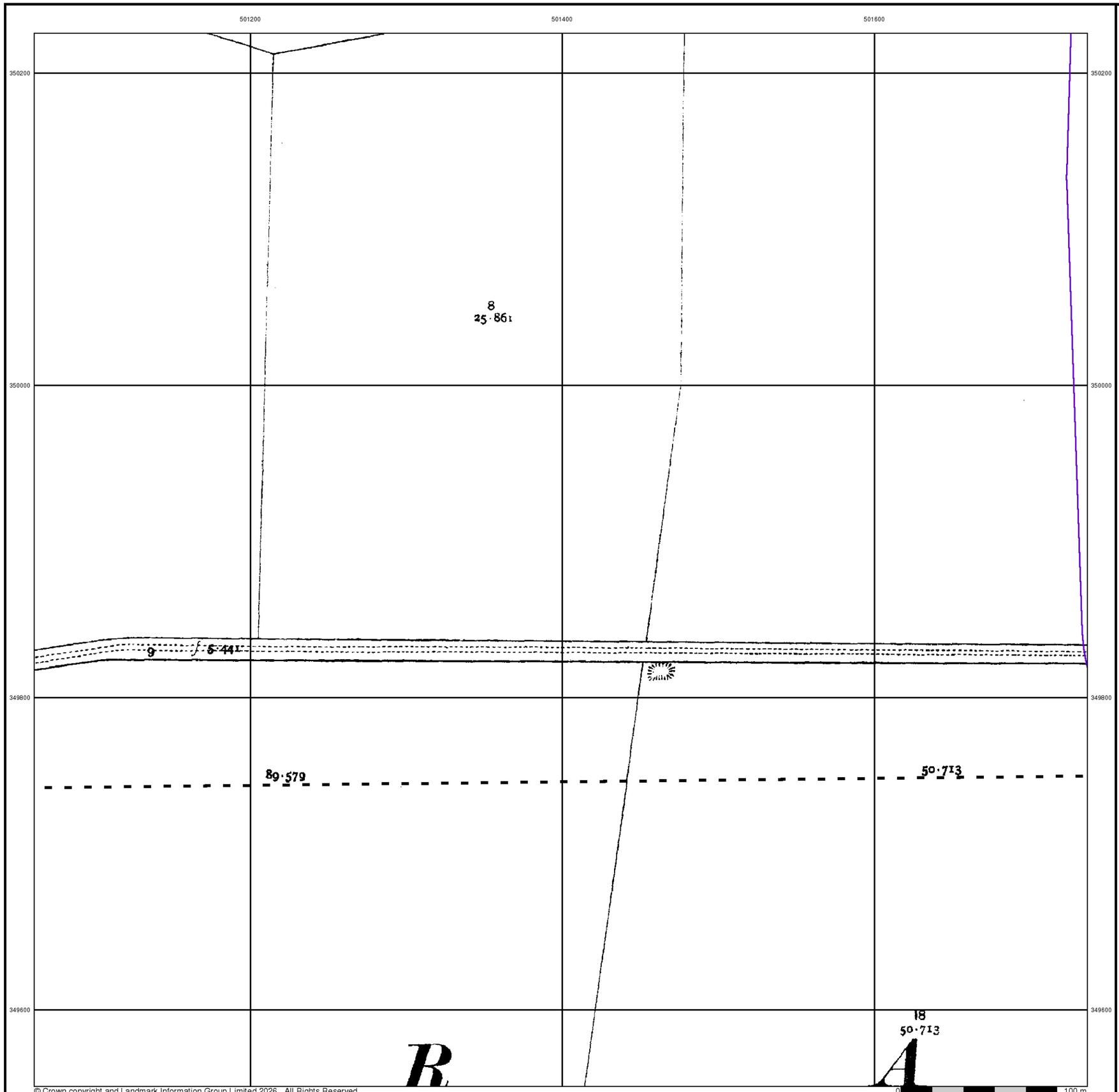
Order Number:	406246422_1_1
Customer Ref:	323777
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Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	100

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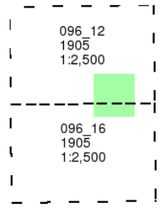
Lincolnshire

Published 1905

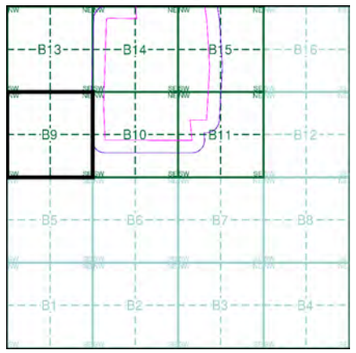
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B9



Order Details

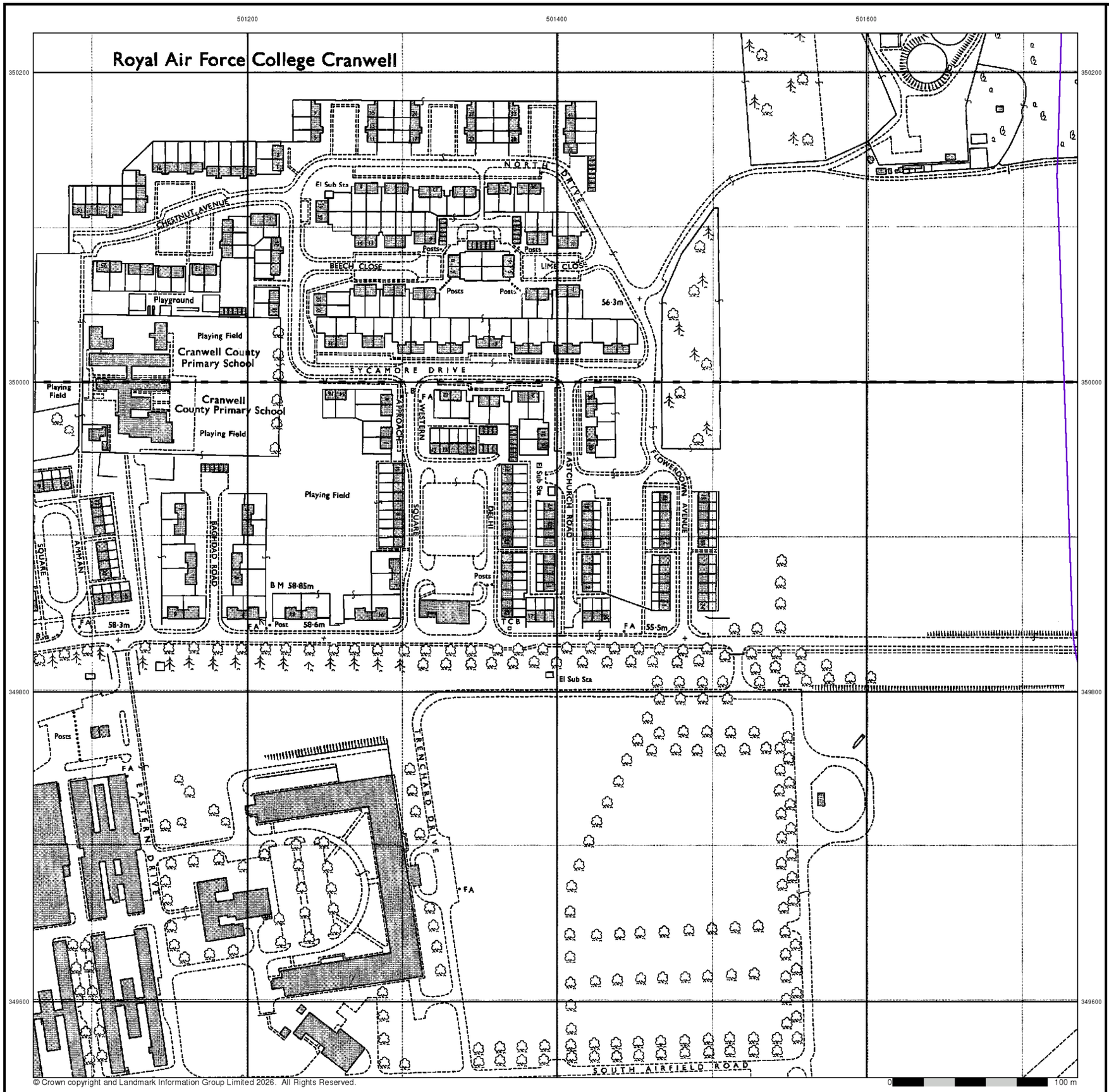
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
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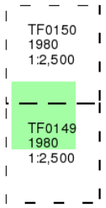
Ordnance Survey Plan

Published 1980

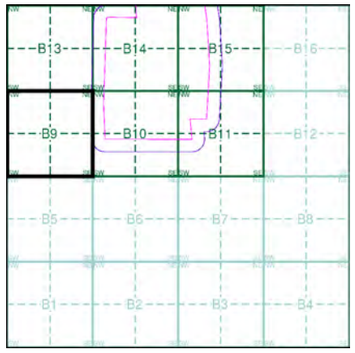
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment B9



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
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Large-Scale National Grid Data

Published 1994

Source map scale - 1:2,500

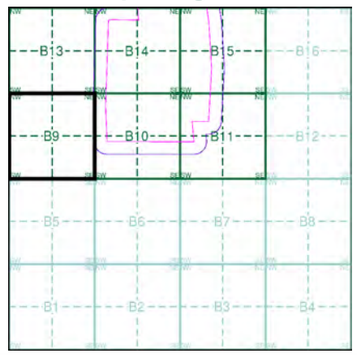
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

TF0150
1994
1:2,500

TF0149
1994
1:2,500

Historical Map - Segment B9



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

Landmark INFORMATION GROUP

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Fax: 0844 844 9951
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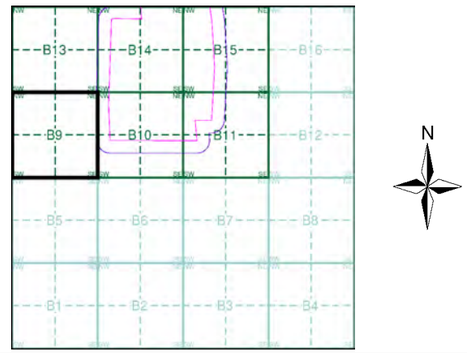
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Historical Aerial Photography

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 B9



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
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Site Details

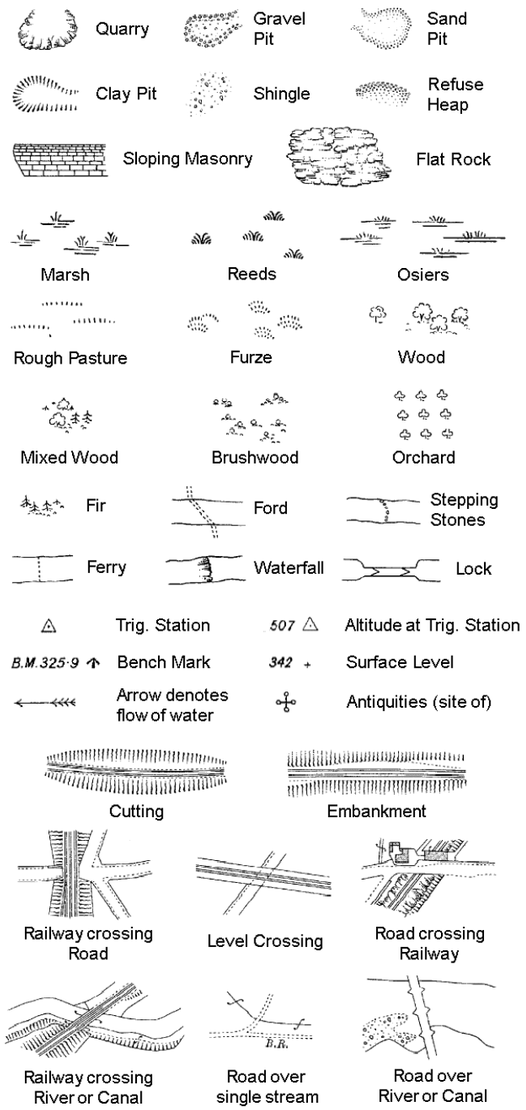
1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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Historical Mapping Legends

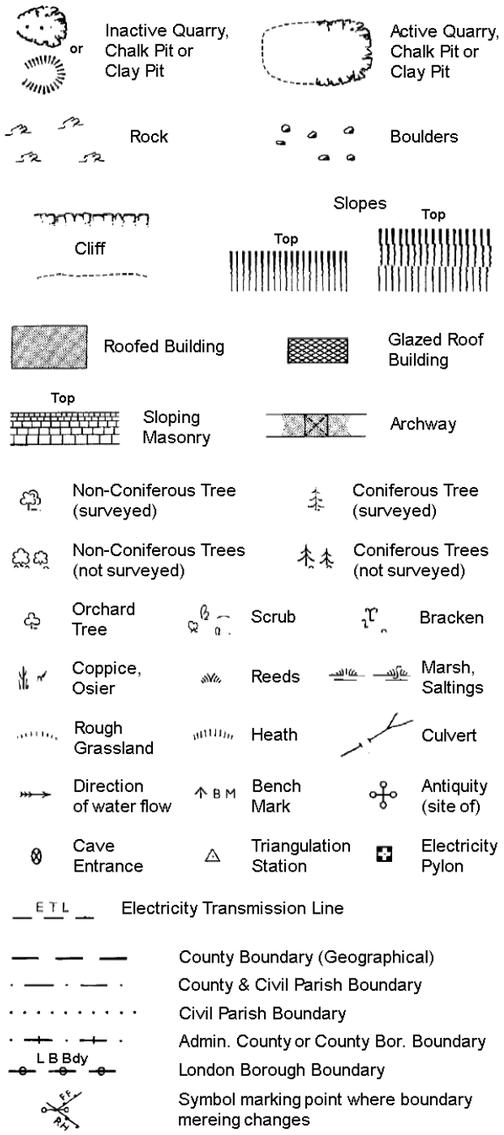
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

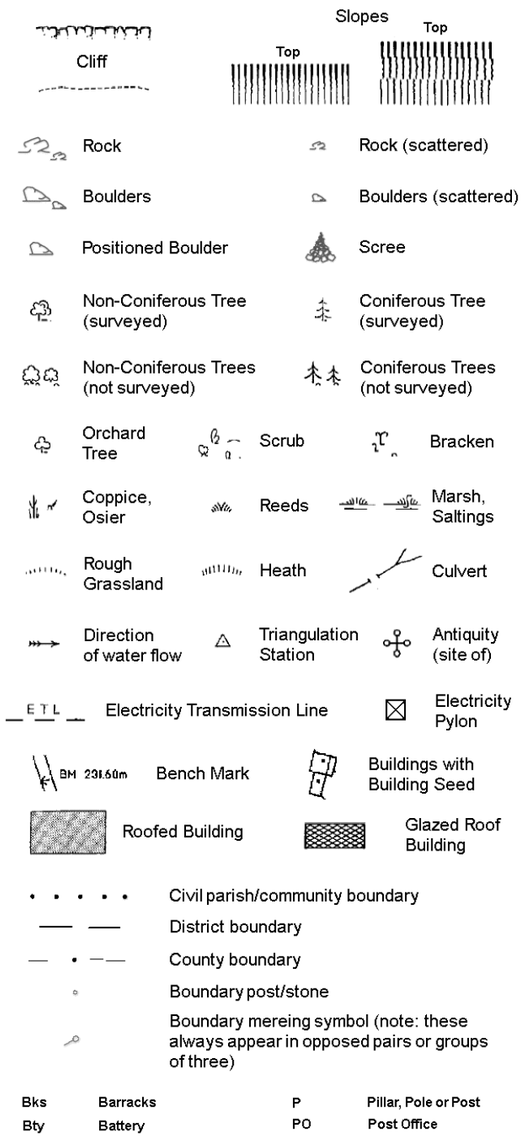
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

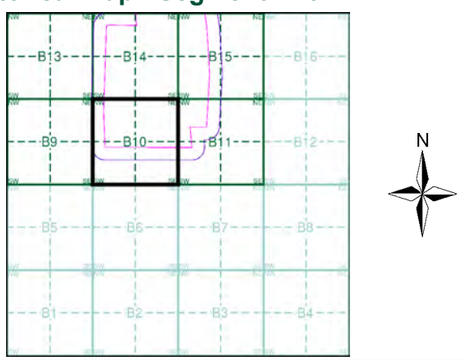
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1887 - 1888	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1980	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment B10



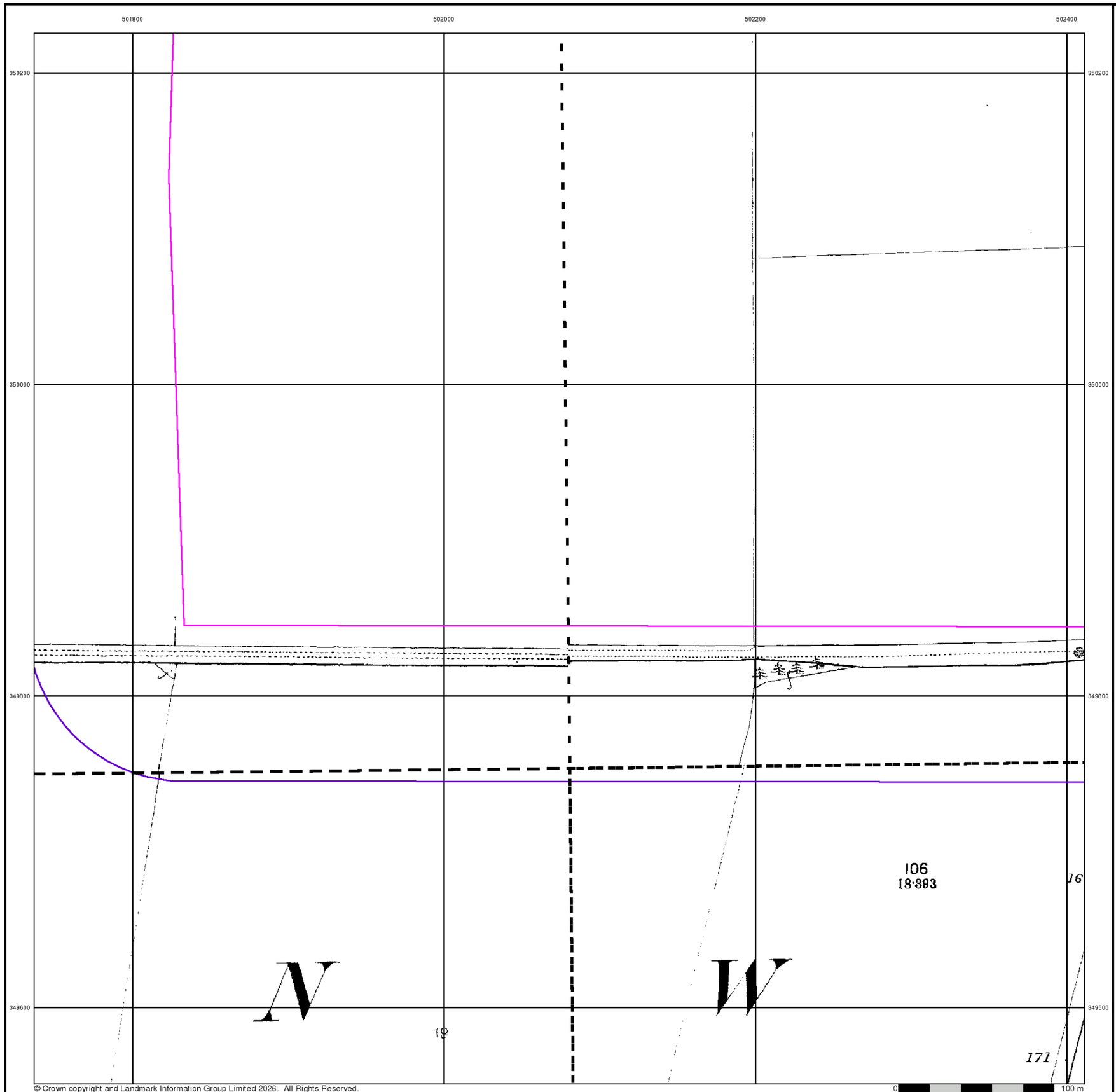
Order Details

Order Number: 406246422_1_1
Customer Ref: 323777
National Grid Reference: 502310, 349940
Slice: B
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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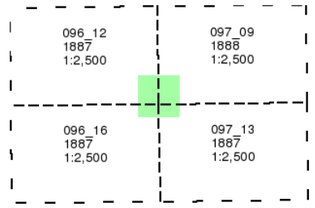
Lincolnshire

Published 1887 - 1888

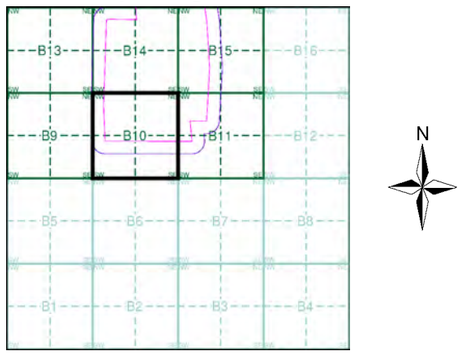
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B10



Order Details

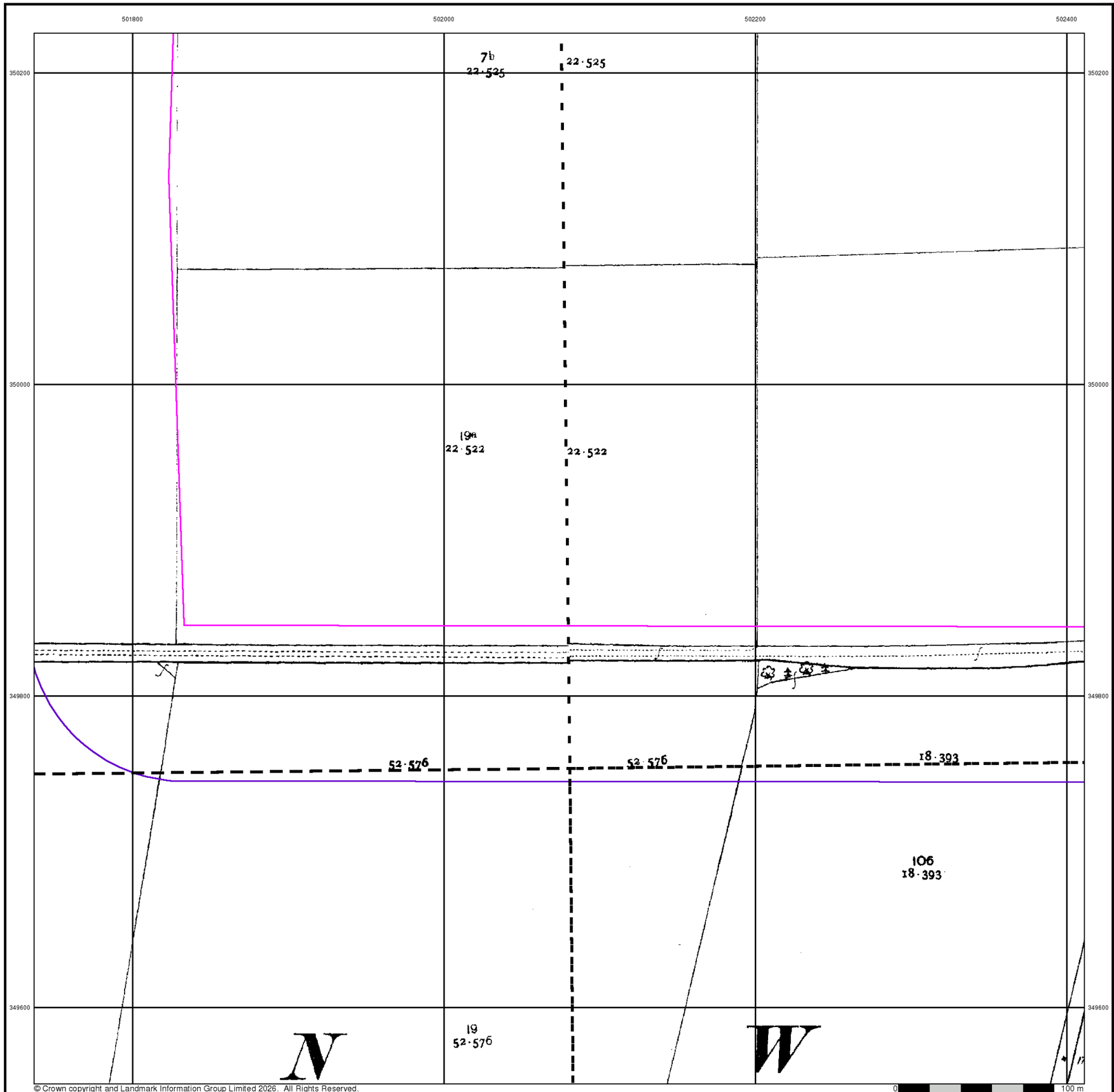
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
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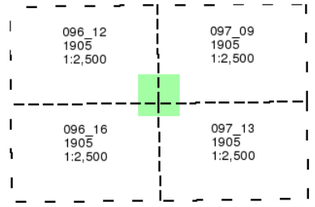
Lincolnshire

Published 1905

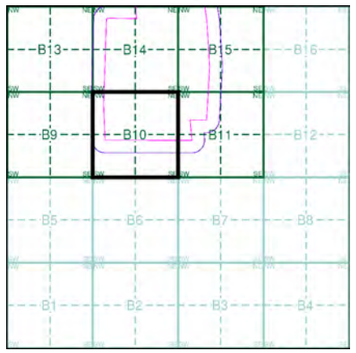
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment B10



Order Details

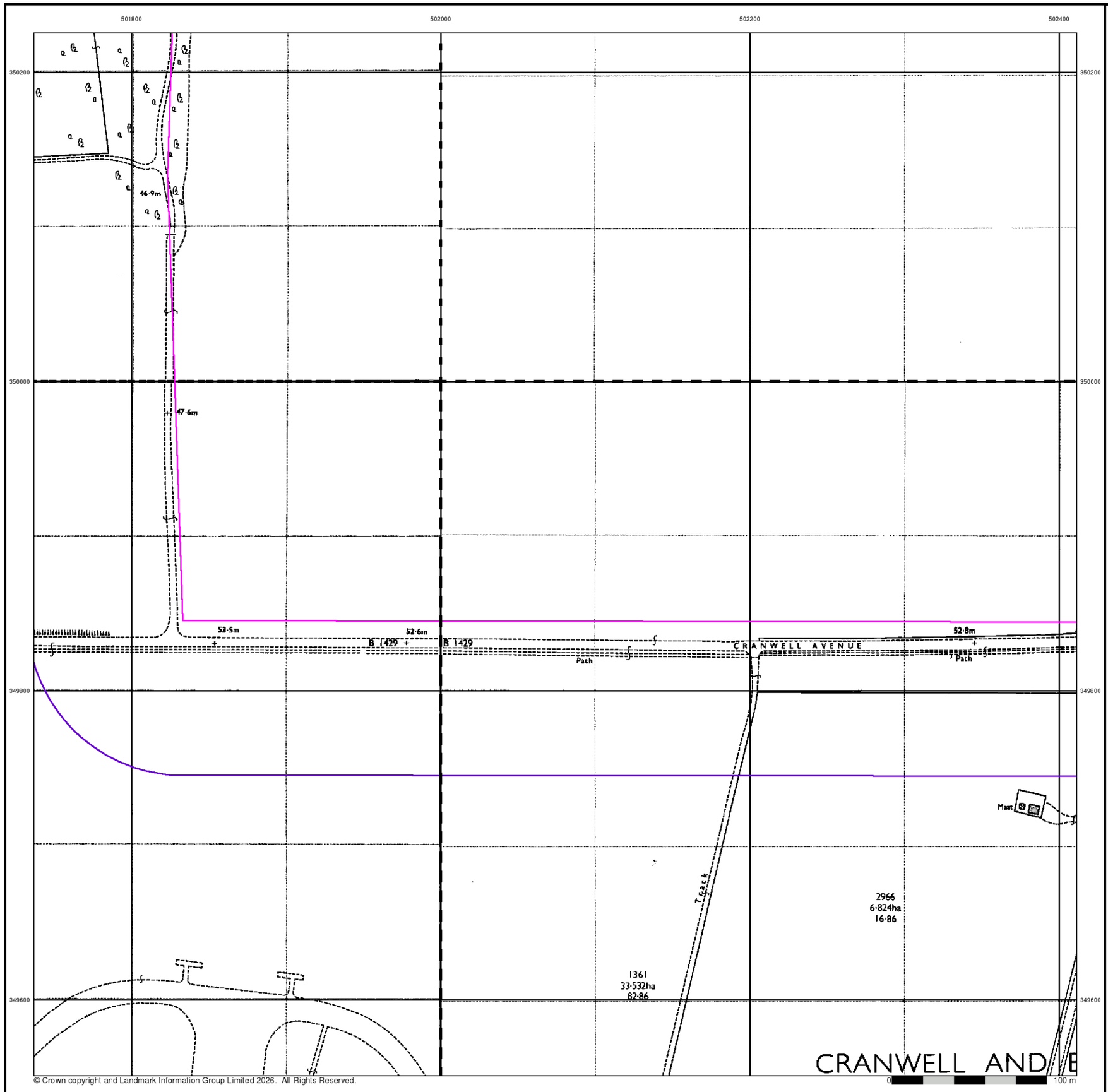
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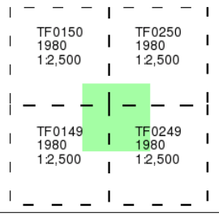
Ordnance Survey Plan

Published 1980

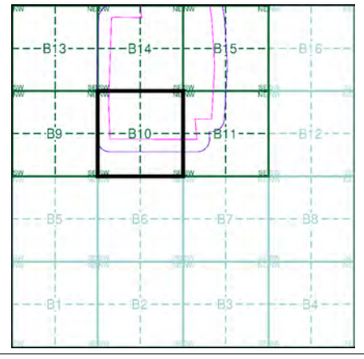
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment B10



Order Details

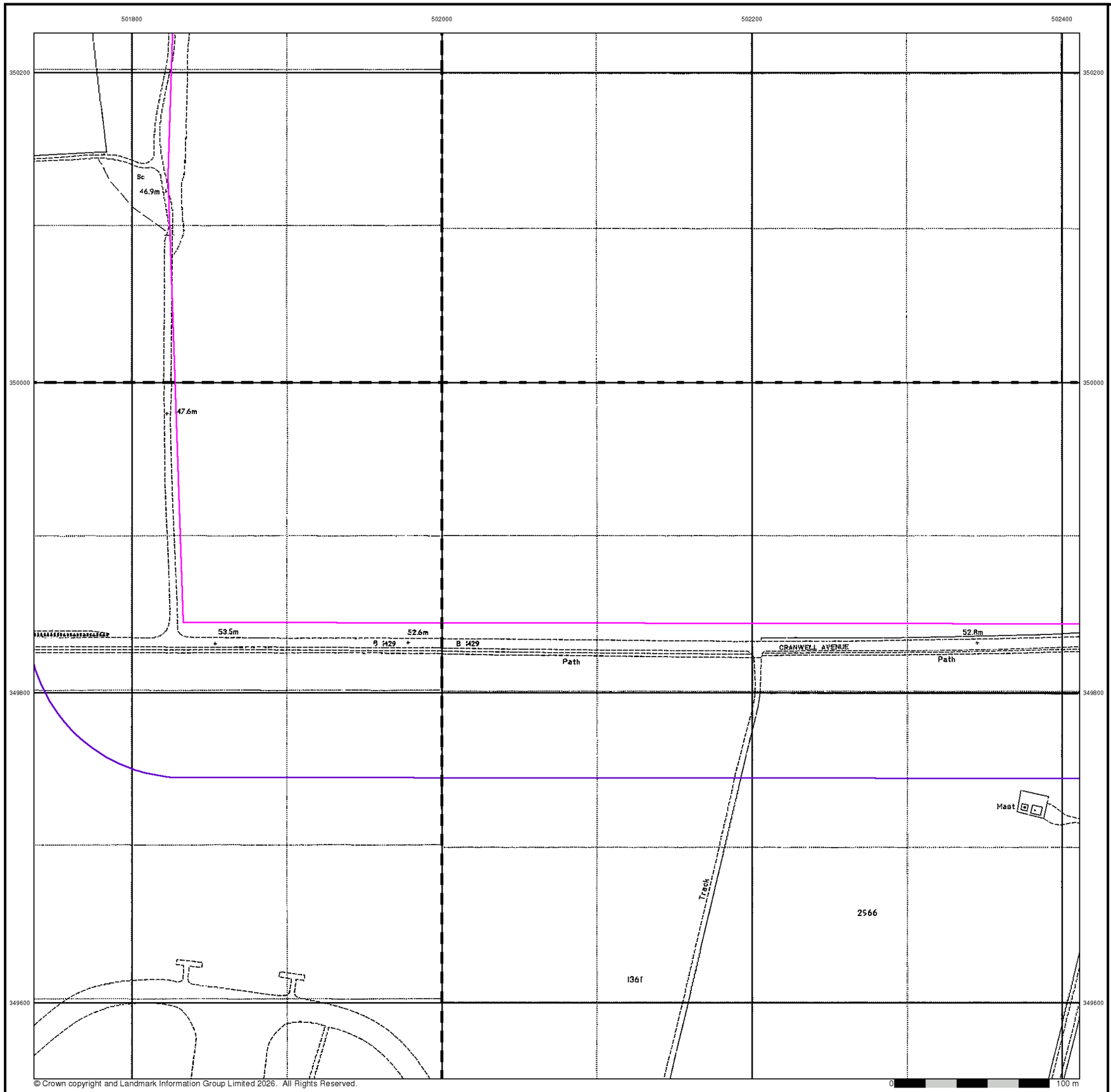
Order Number:	406246422_1_1
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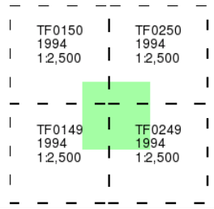
Large-Scale National Grid Data

Published 1994

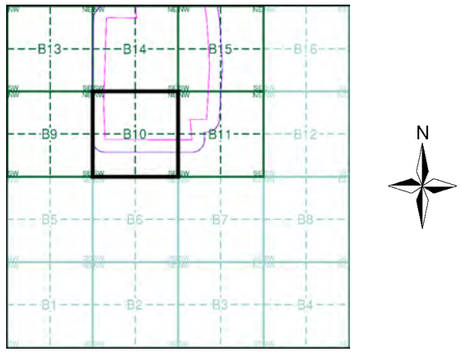
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B10



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
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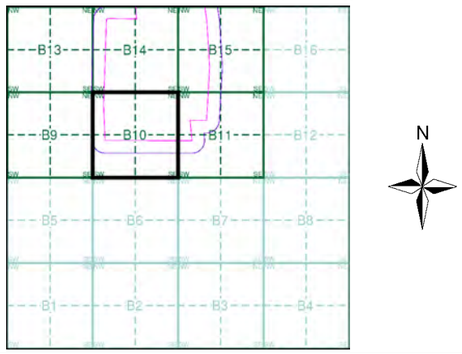
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Historical Aerial Photography

Published 1999

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Historical Aerial Photography - Segment B10



Order Details

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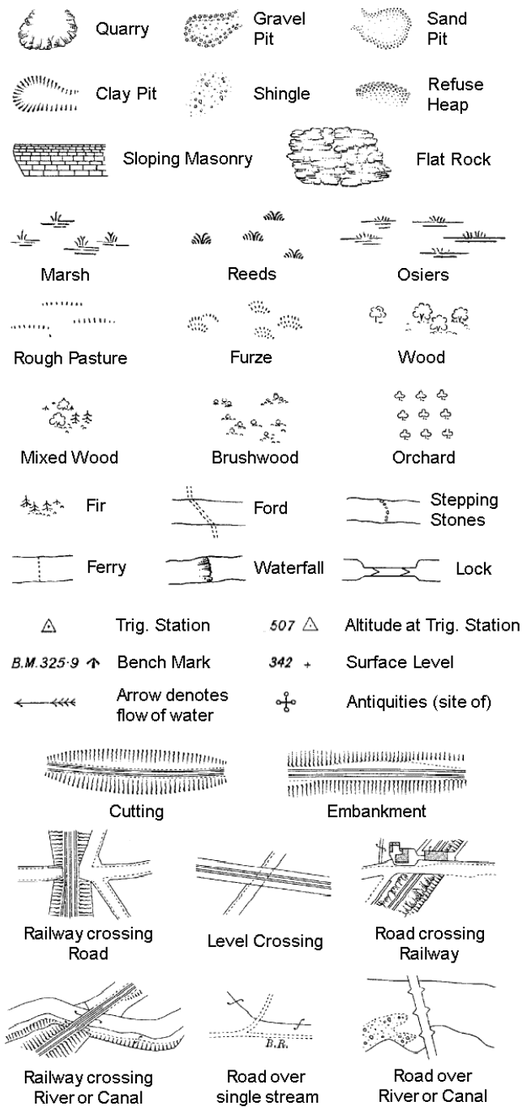
1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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Historical Mapping Legends

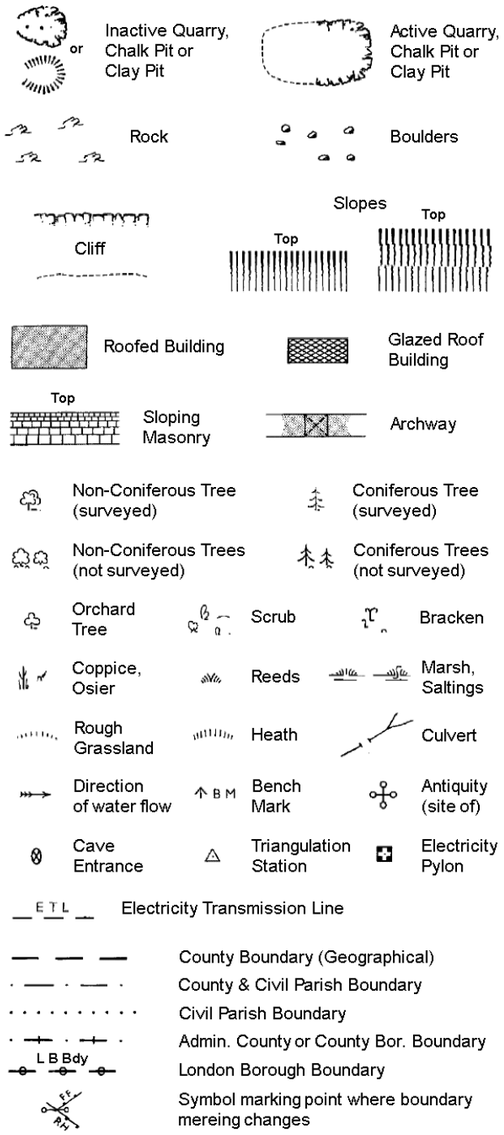
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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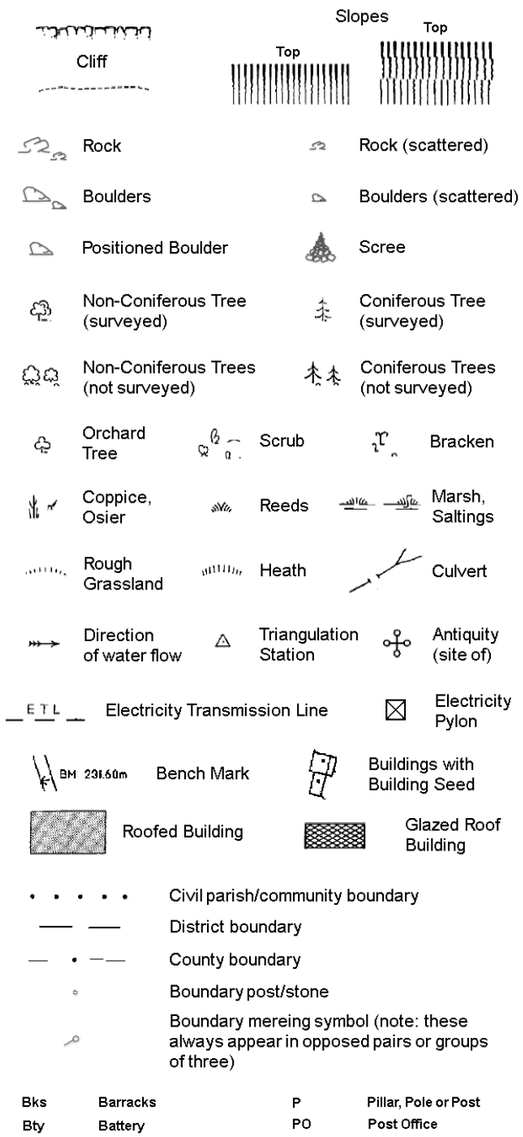
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
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Symbol marking point where boundary mereing changes

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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)

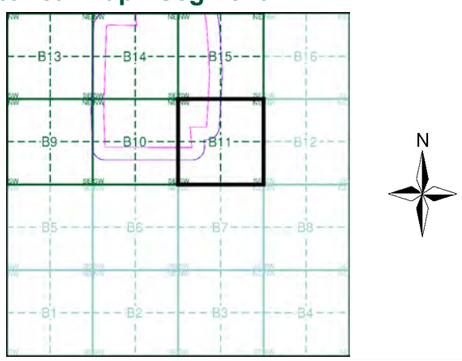
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
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MP, MS	Mile Post or Mile Stone	W	Well

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1887 - 1888	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1980	4
Additional SIMs	1:2,500	1980	5
Additional SIMs	1:2,500	1983	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	1999	8

Historical Map - Segment B11



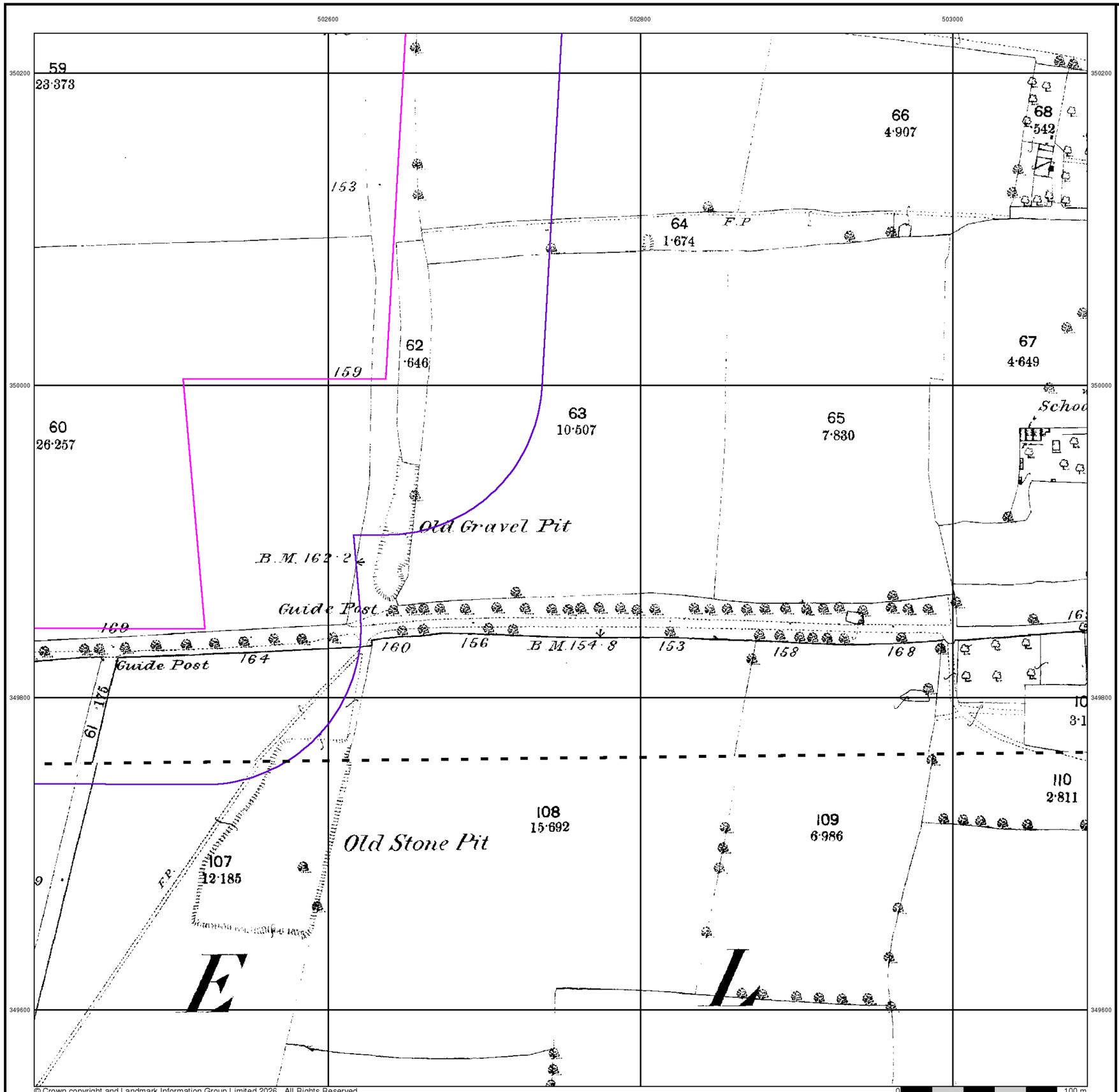
Order Details

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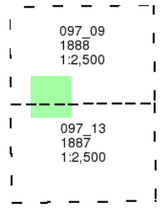
Lincolnshire

Published 1887 - 1888

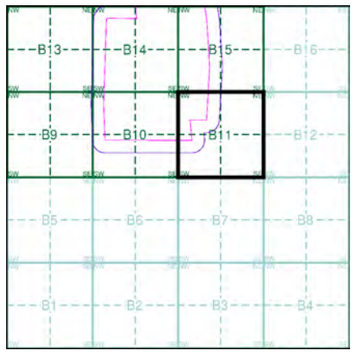
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment B11



Order Details

Order Number:	406246422_1_1
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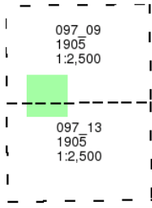
Lincolnshire

Published 1905

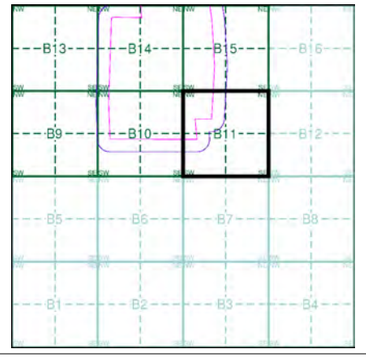
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B11



Order Details

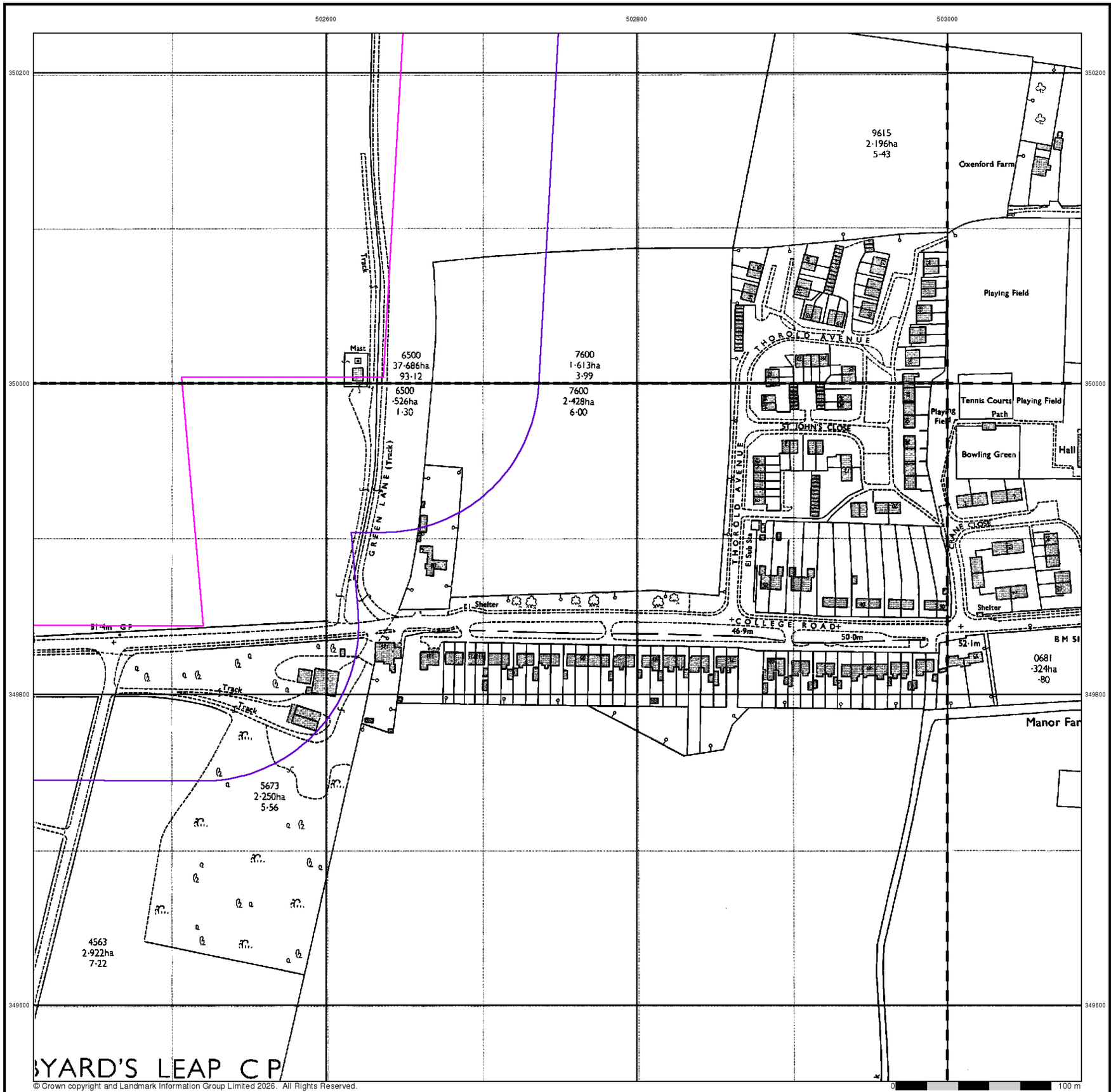
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National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

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Ordnance Survey Plan

Published 1980

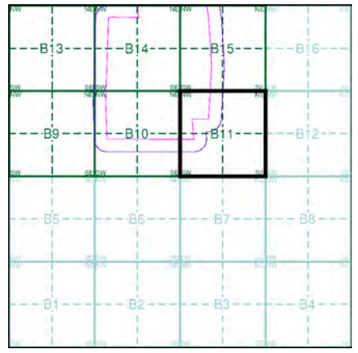
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)

TF0250 1980 1:2,500	TF0350 1980 1:2,500
TF0249 1980 1:2,500	TF0349 1980 1:2,500

Historical Map - Segment B11

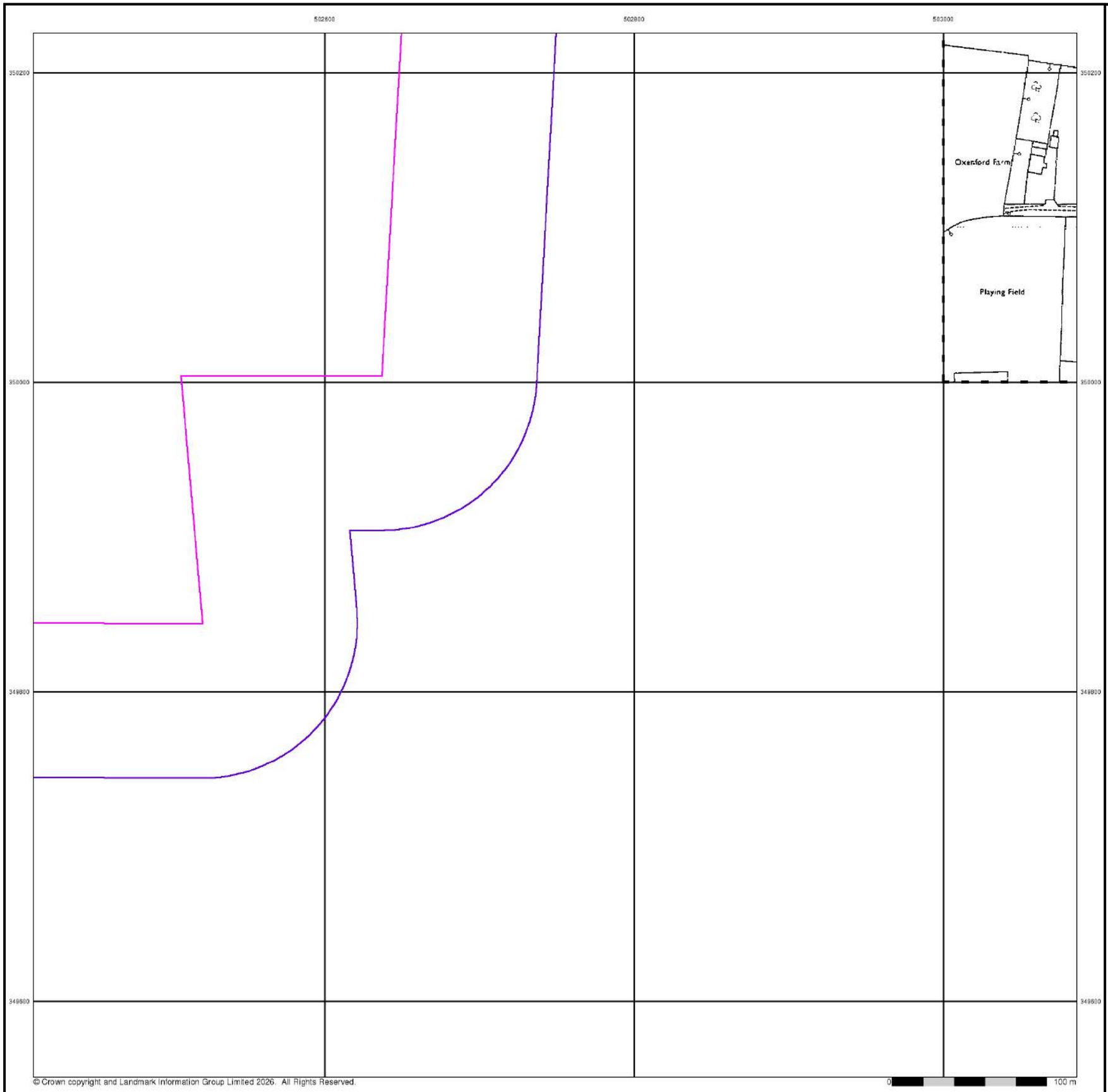


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Customer Ref:	323777
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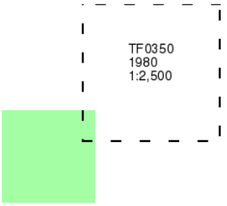
Additional SIMs

Published 1980

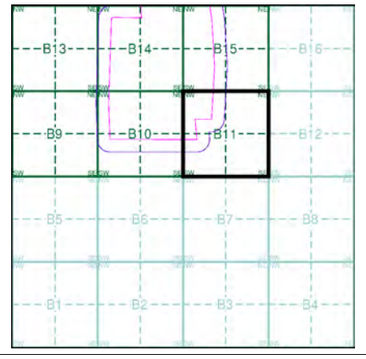
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B11



Order Details

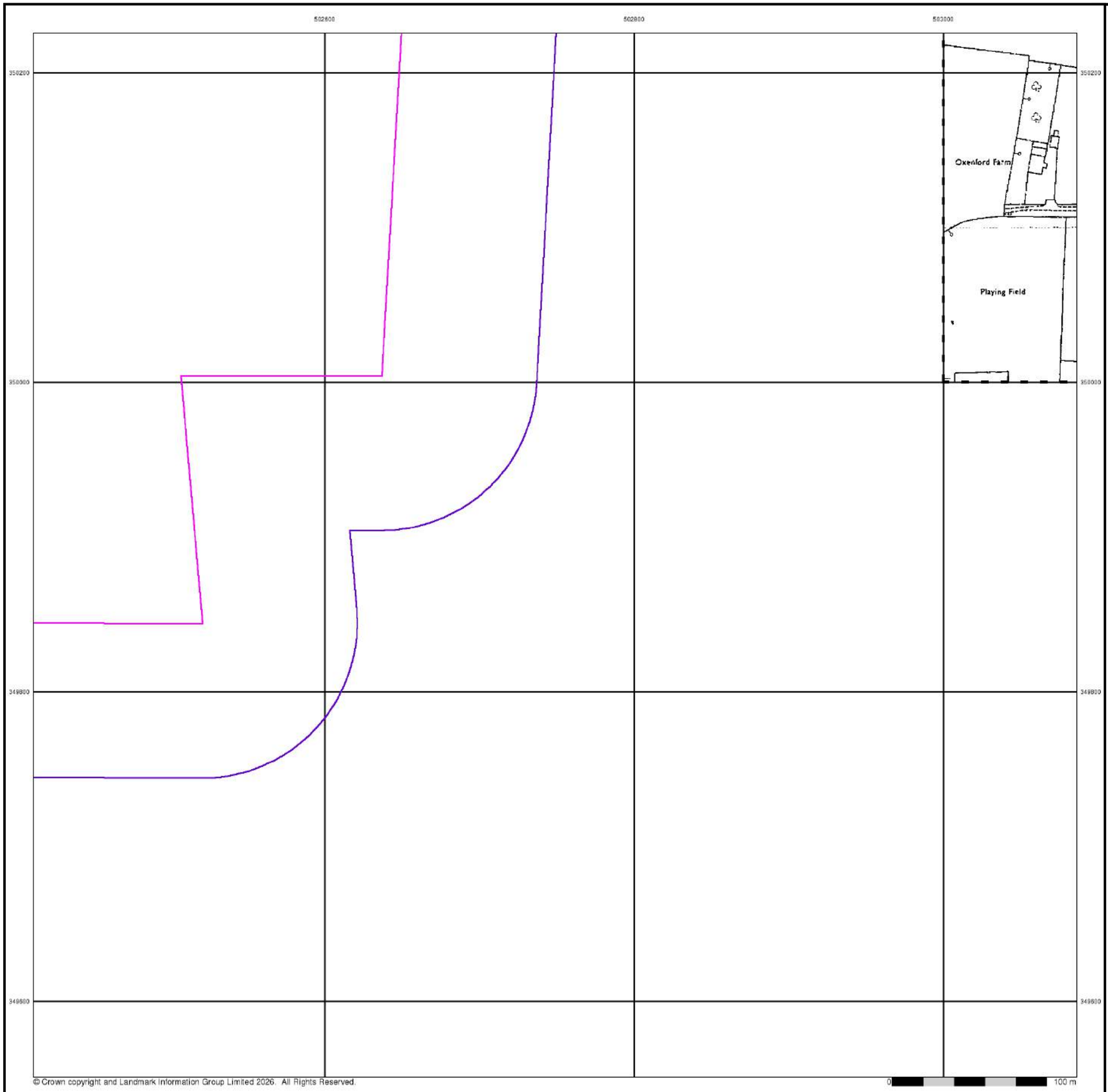
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National Grid Reference:	502310, 349940
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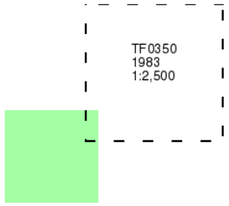
Additional SIMs

Published 1983

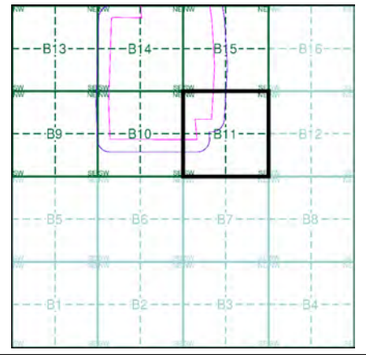
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment B11



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Large-Scale National Grid Data

Published 1994

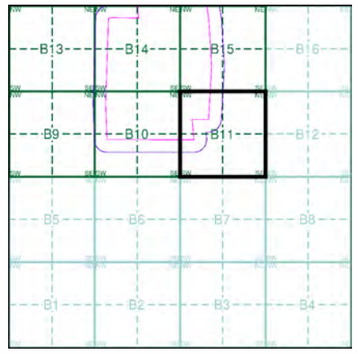
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TF0250 1994 1:2,500	TF0350 1994 1:2,500
TF0249 1994 1:2,500	TF0349 1994 1:2,500

Historical Map - Segment B11



Order Details

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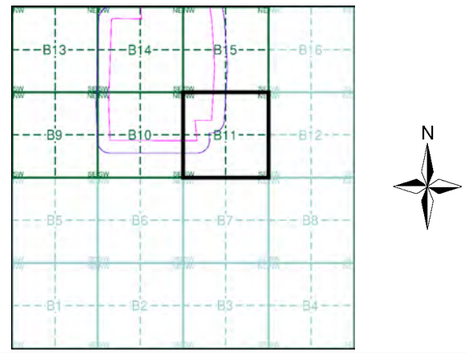
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Historical Aerial Photography

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 B11



Order Details

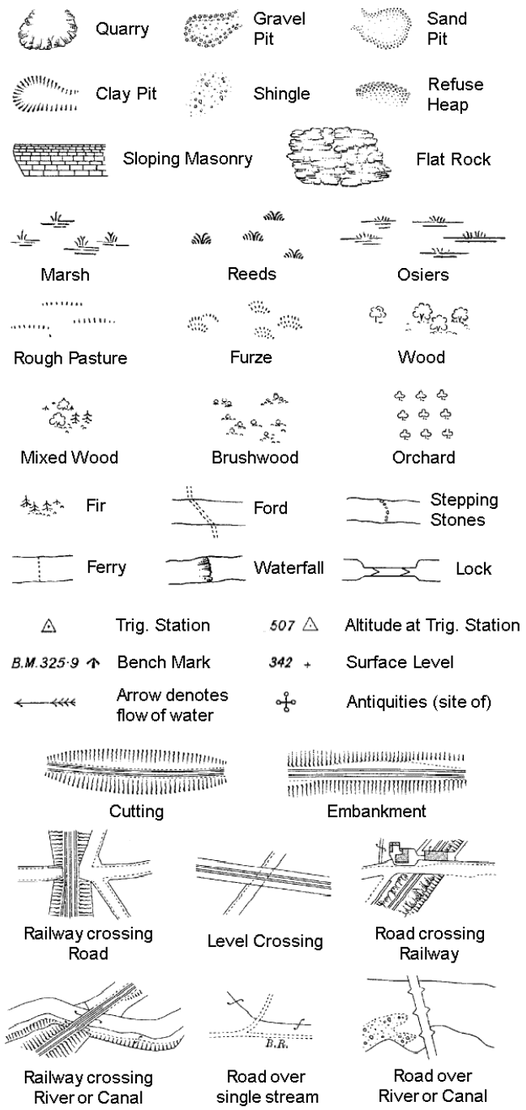
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Historical Mapping Legends

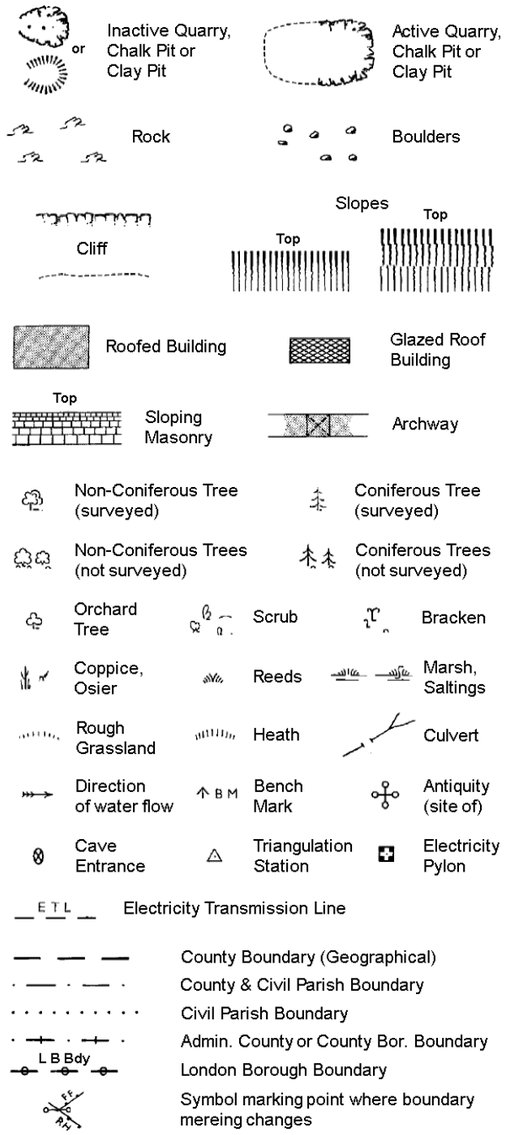
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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	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

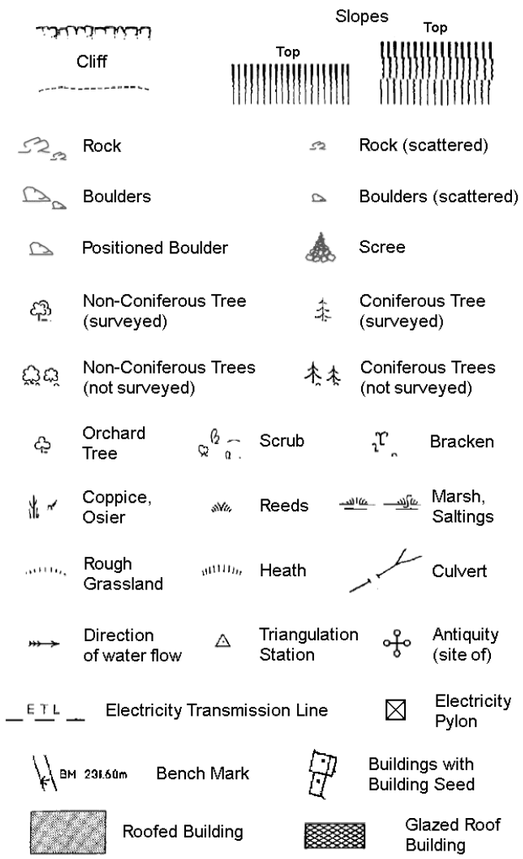
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

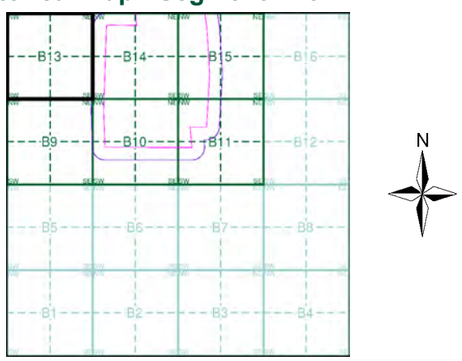
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1887	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1980	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment B13



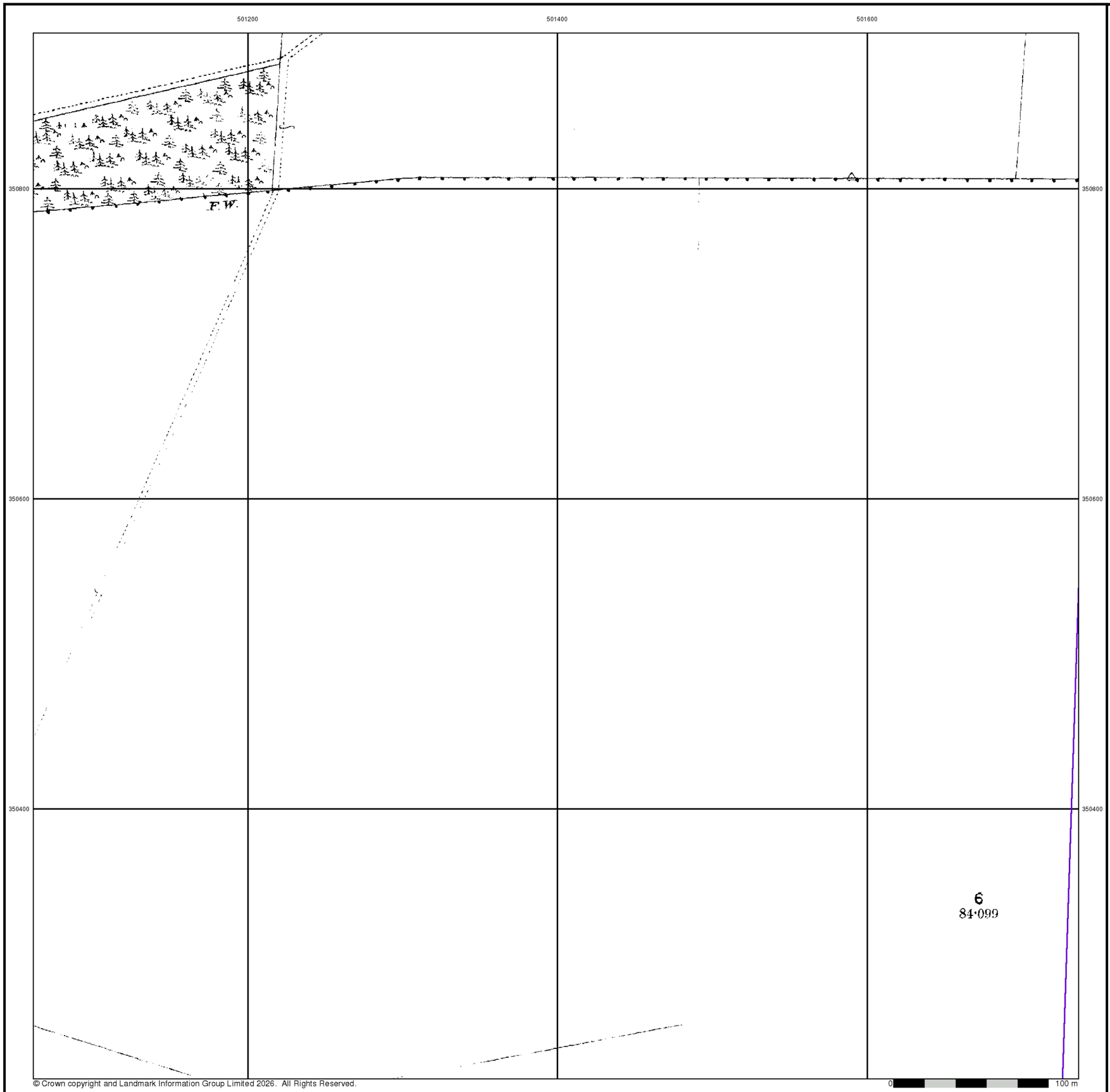
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Slice: B
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

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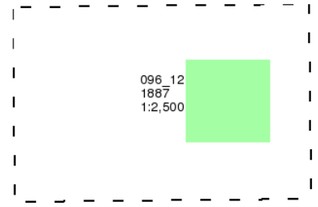
Lincolnshire

Published 1887

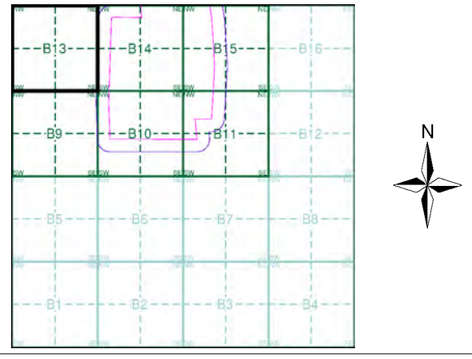
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment B13



Order Details

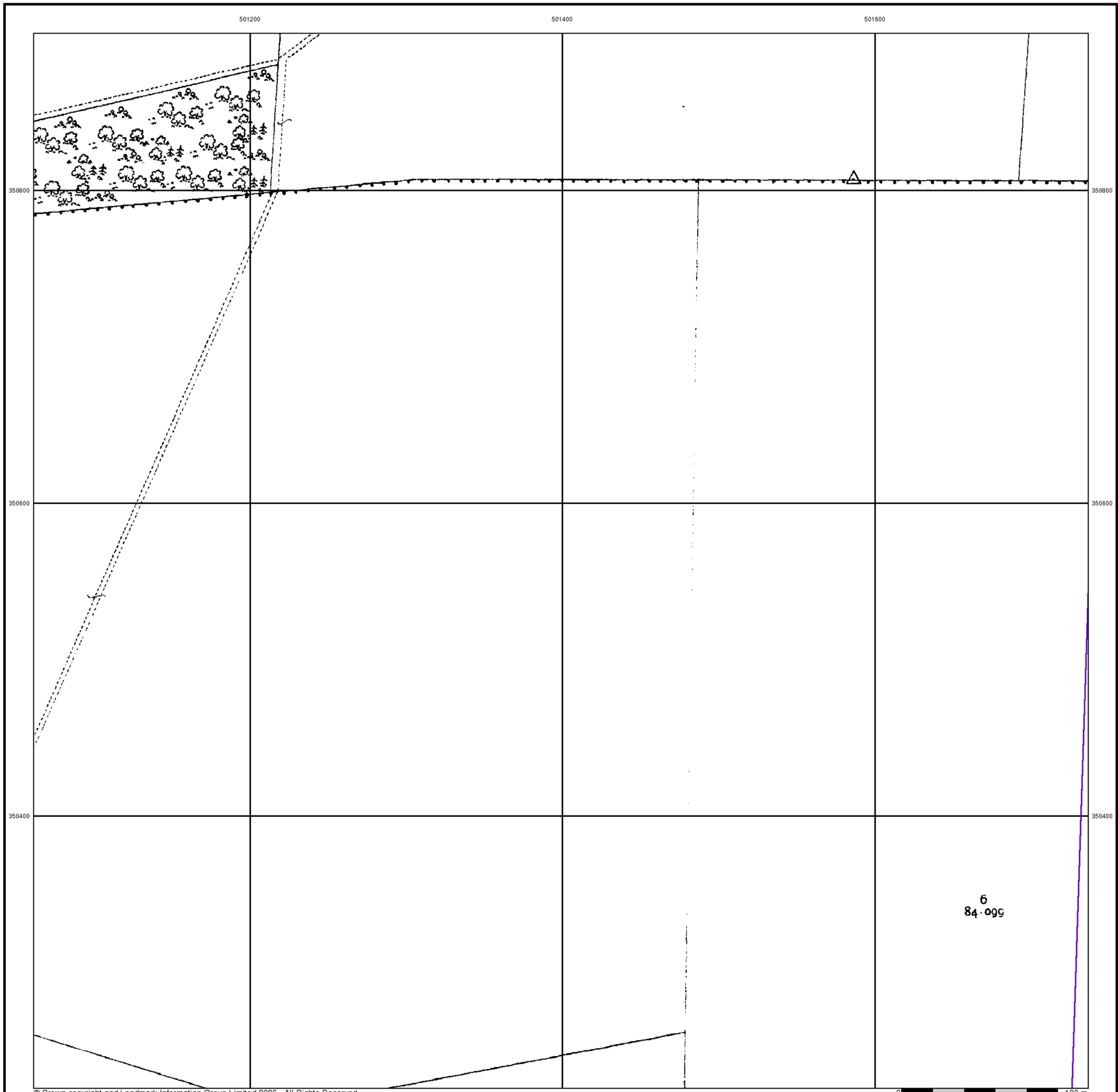
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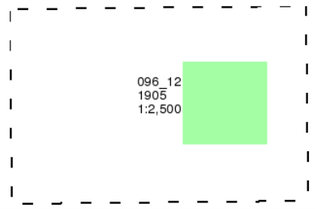
Lincolnshire

Published 1905

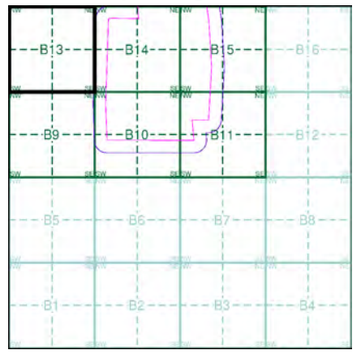
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Map Name(s) and Date(s)



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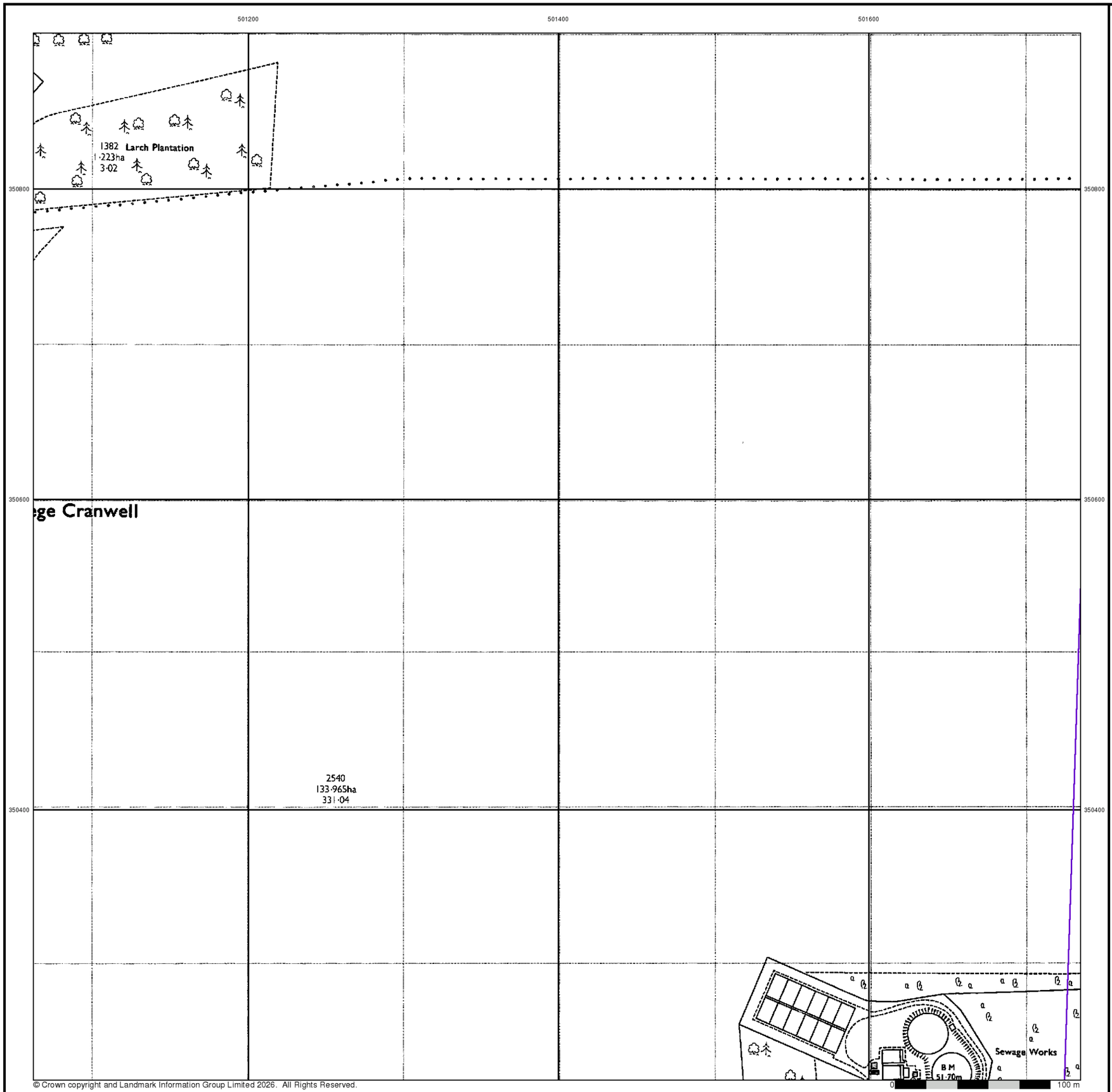
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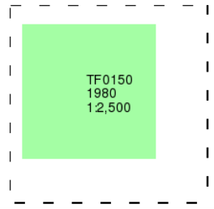
Ordnance Survey Plan

Published 1980

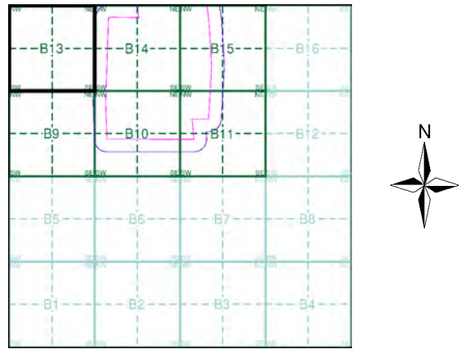
Source map scale - 1:2,500

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Historical Map - Segment B13



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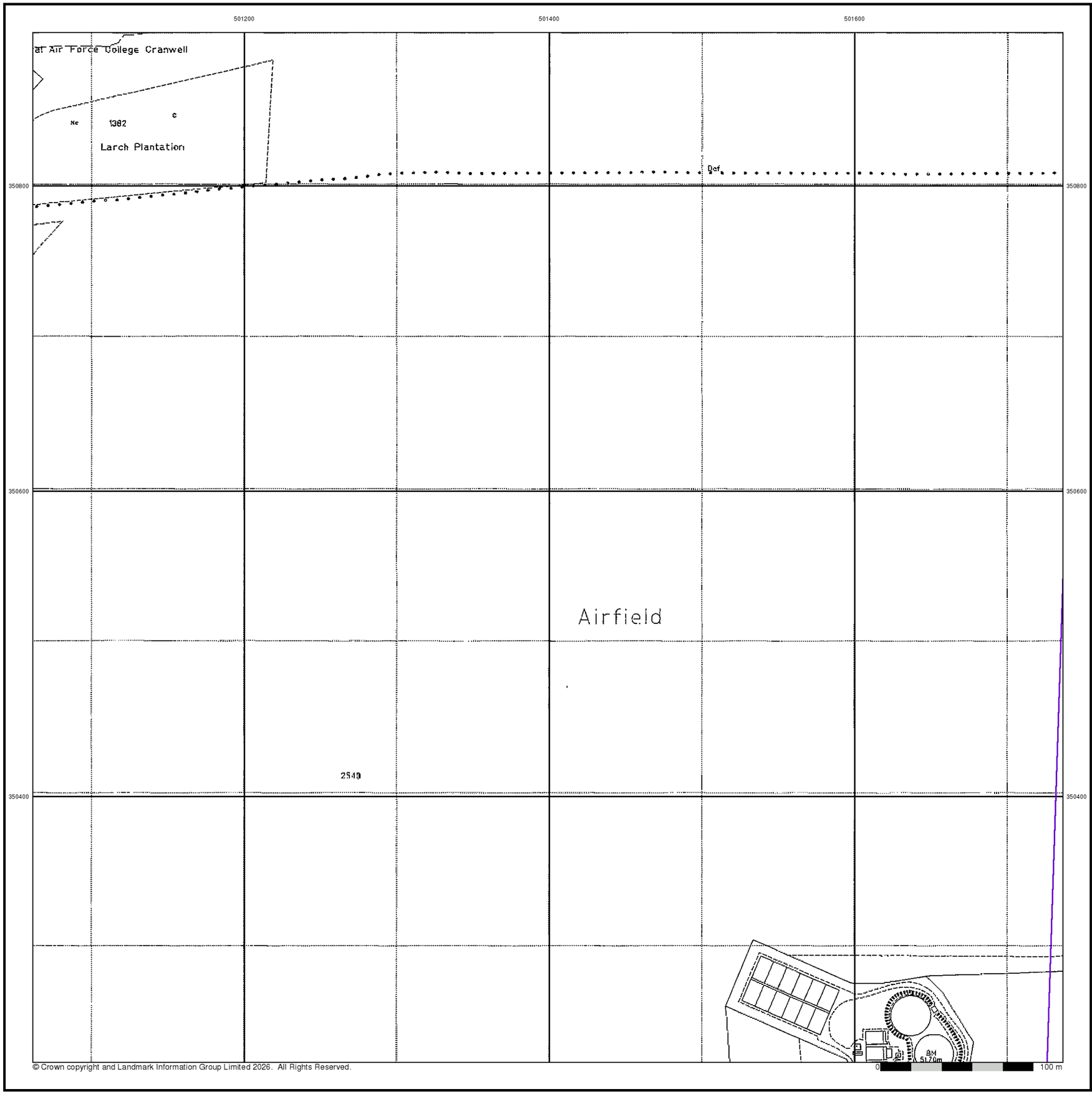
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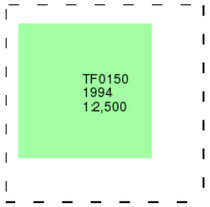
Large-Scale National Grid Data

Published 1994

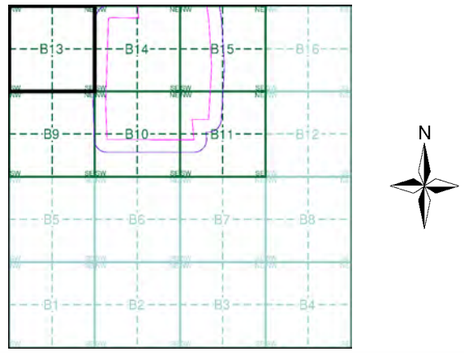
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B13



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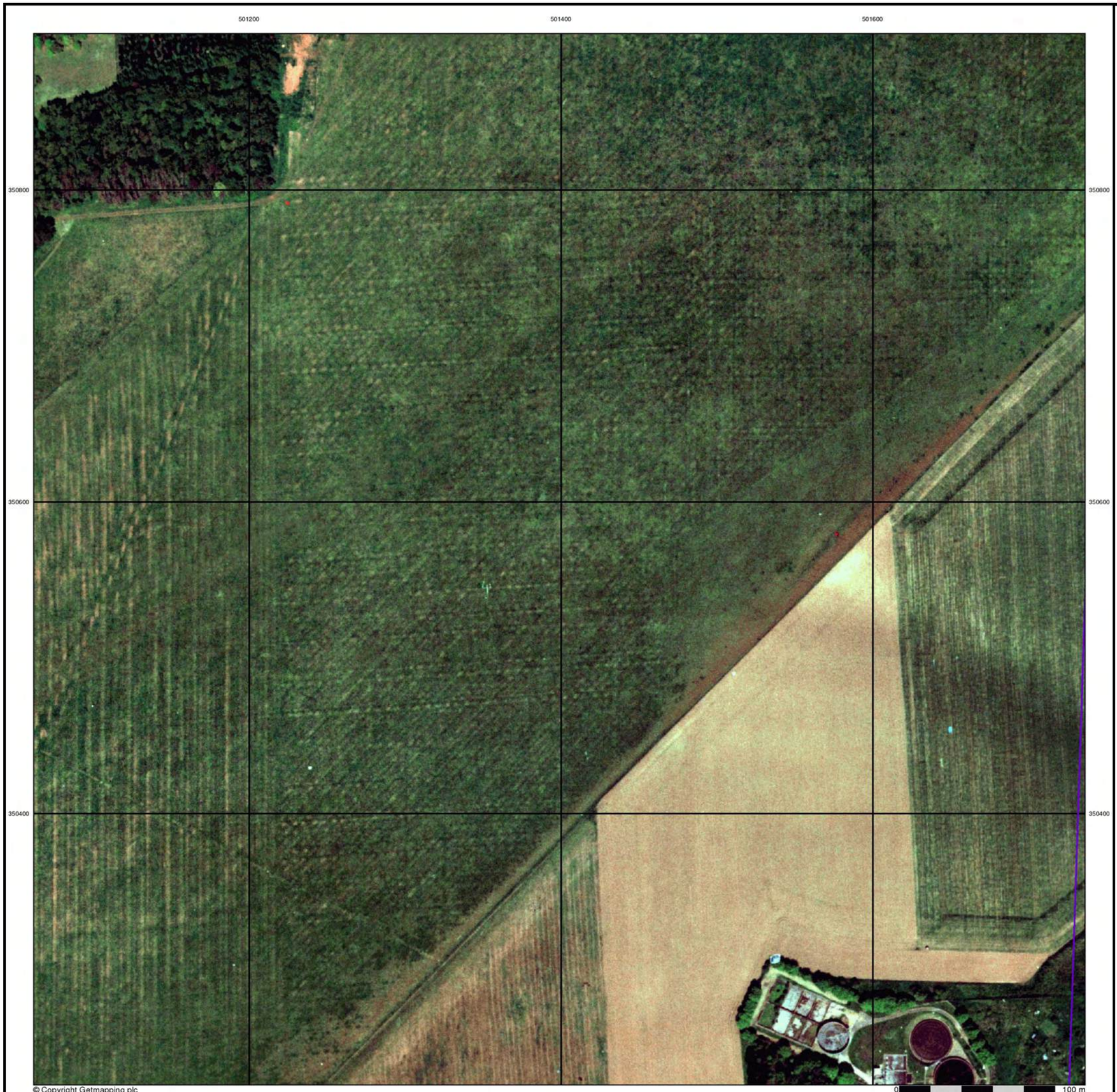
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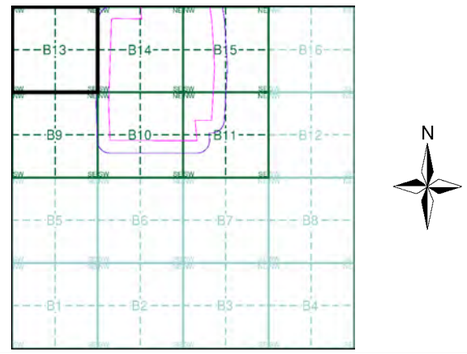
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Historical Aerial Photography

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 B13



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Search Buffer (m):	100

Site Details

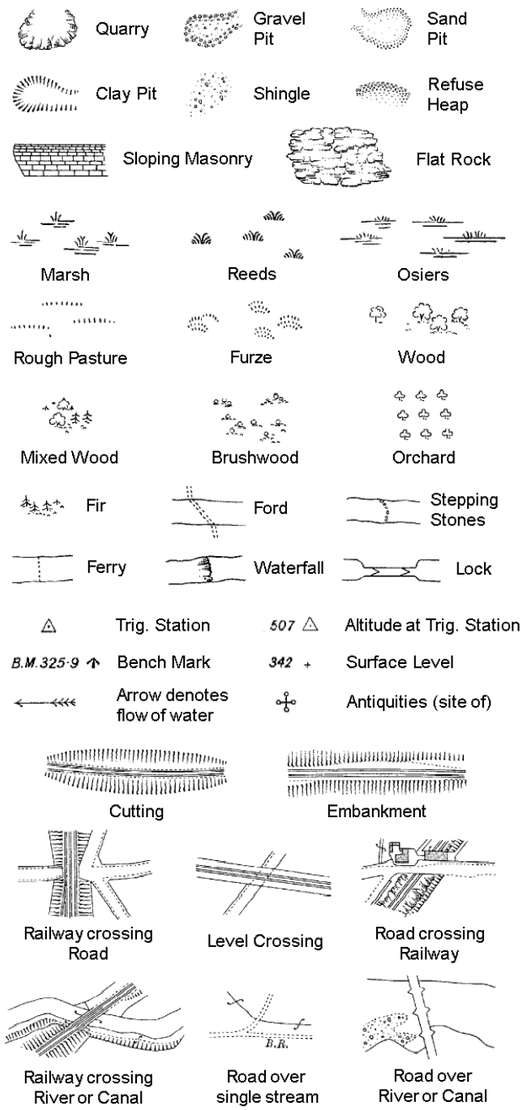
1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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Historical Mapping Legends

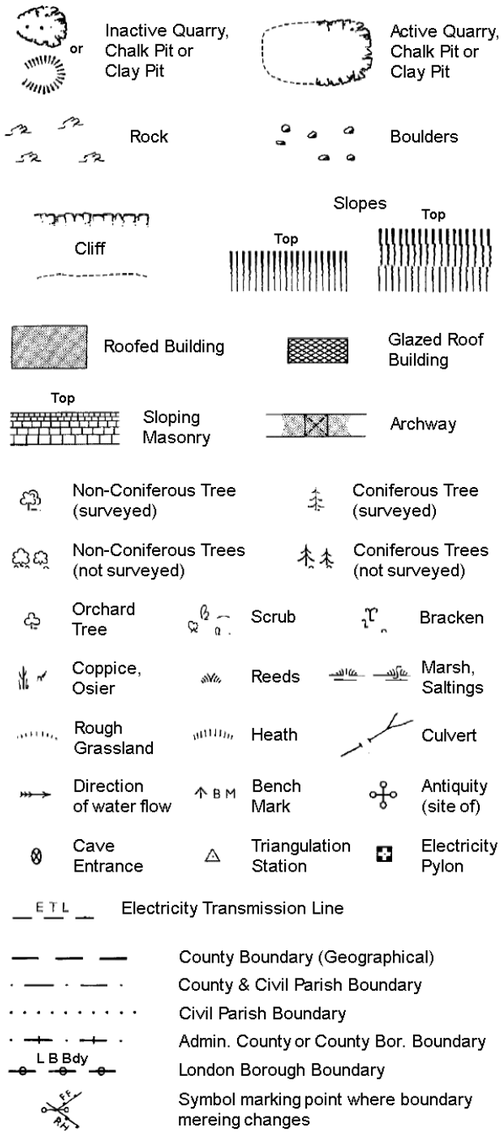
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

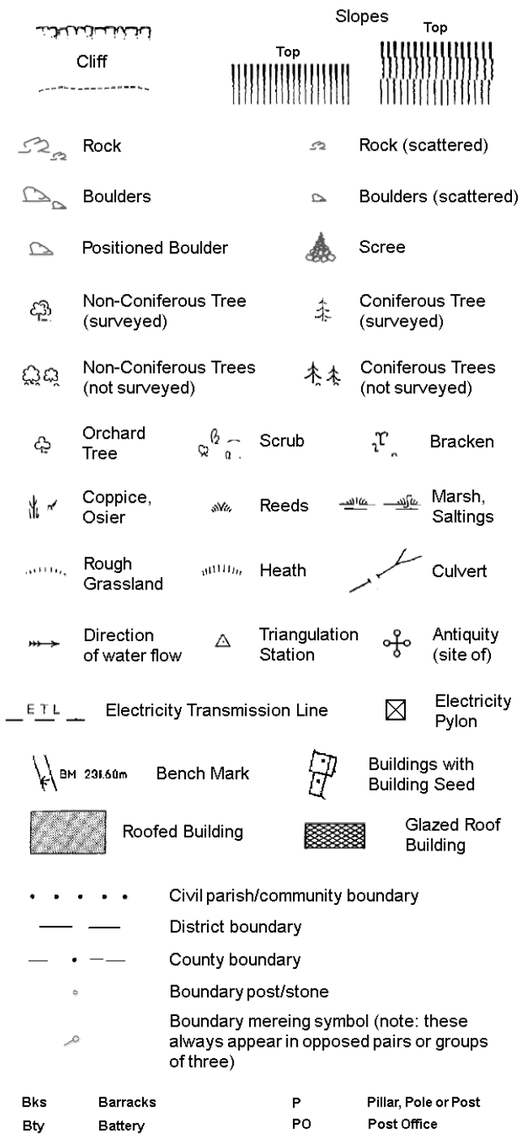
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

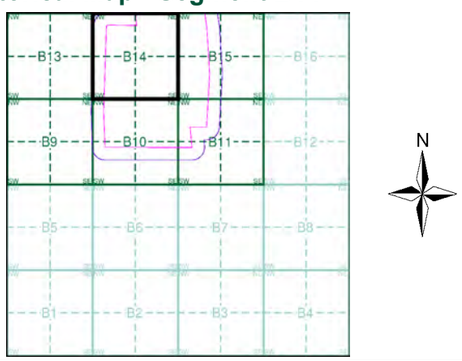
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1887 - 1888	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1980	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment B14



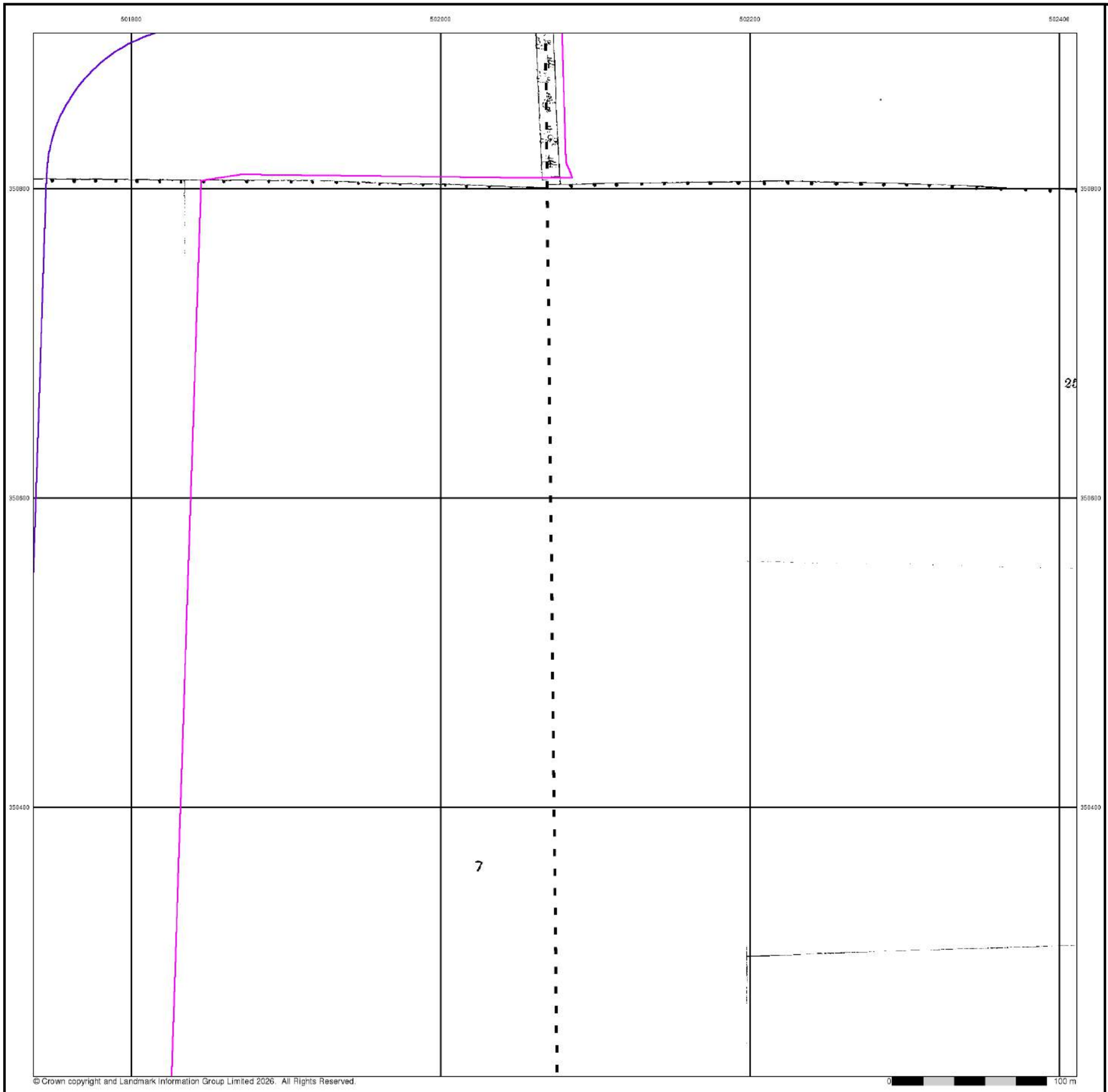
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Customer Ref: 323777
National Grid Reference: 502310, 349940
Slice: B
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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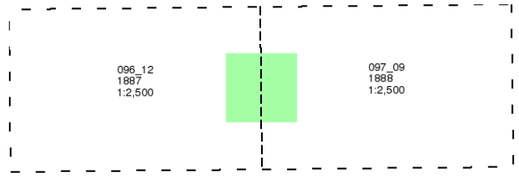
Lincolnshire

Published 1887 - 1888

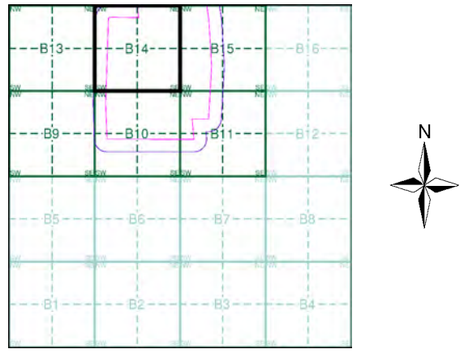
Source map scale - 1:2,500

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 B14



Order Details

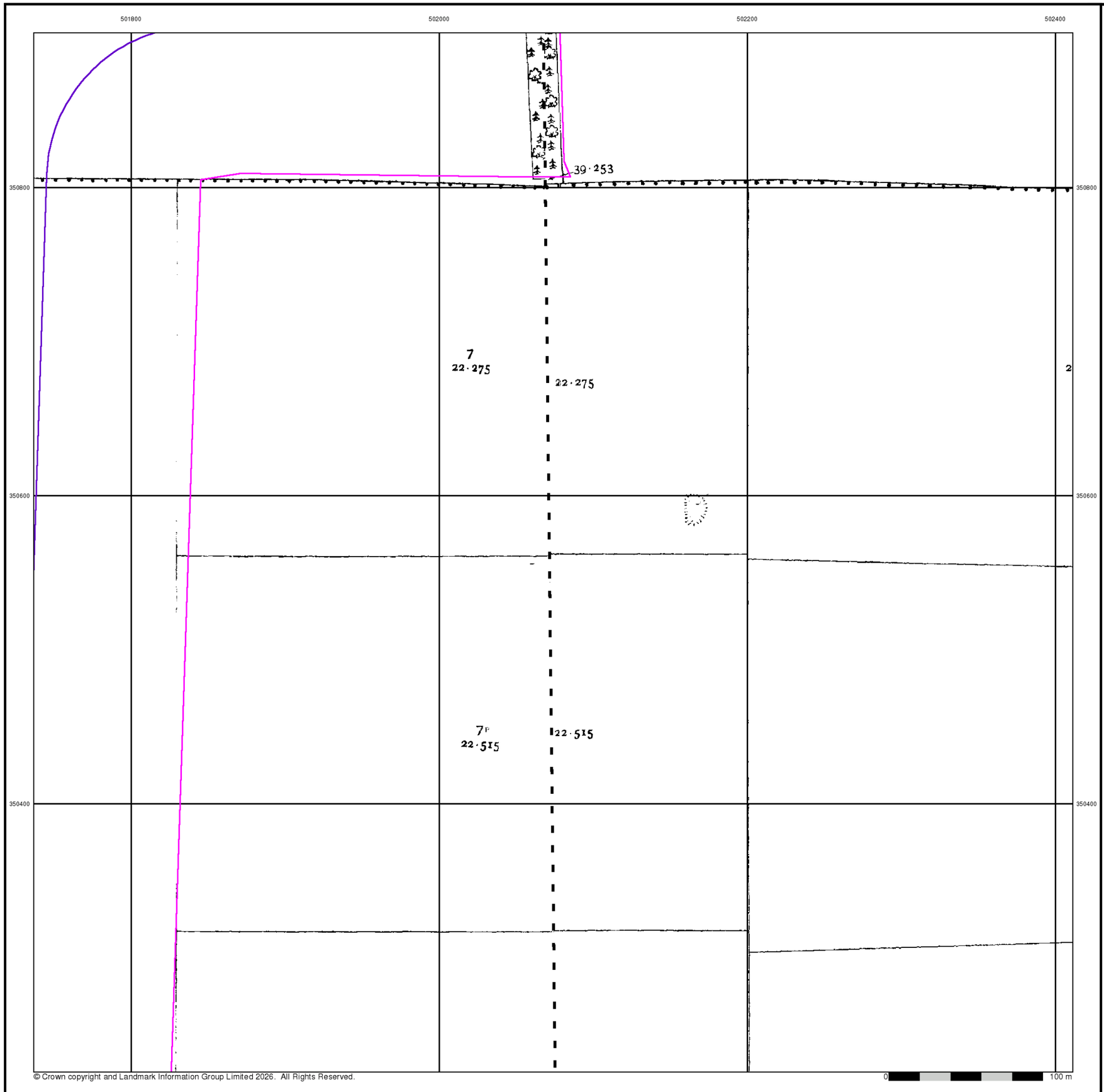
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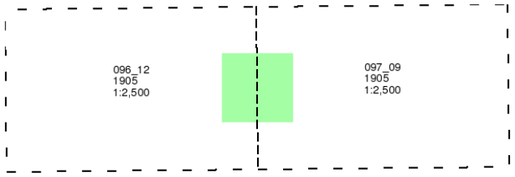
Lincolnshire

Published 1905

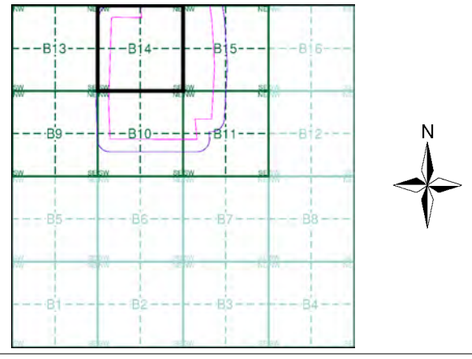
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment B14



Order Details

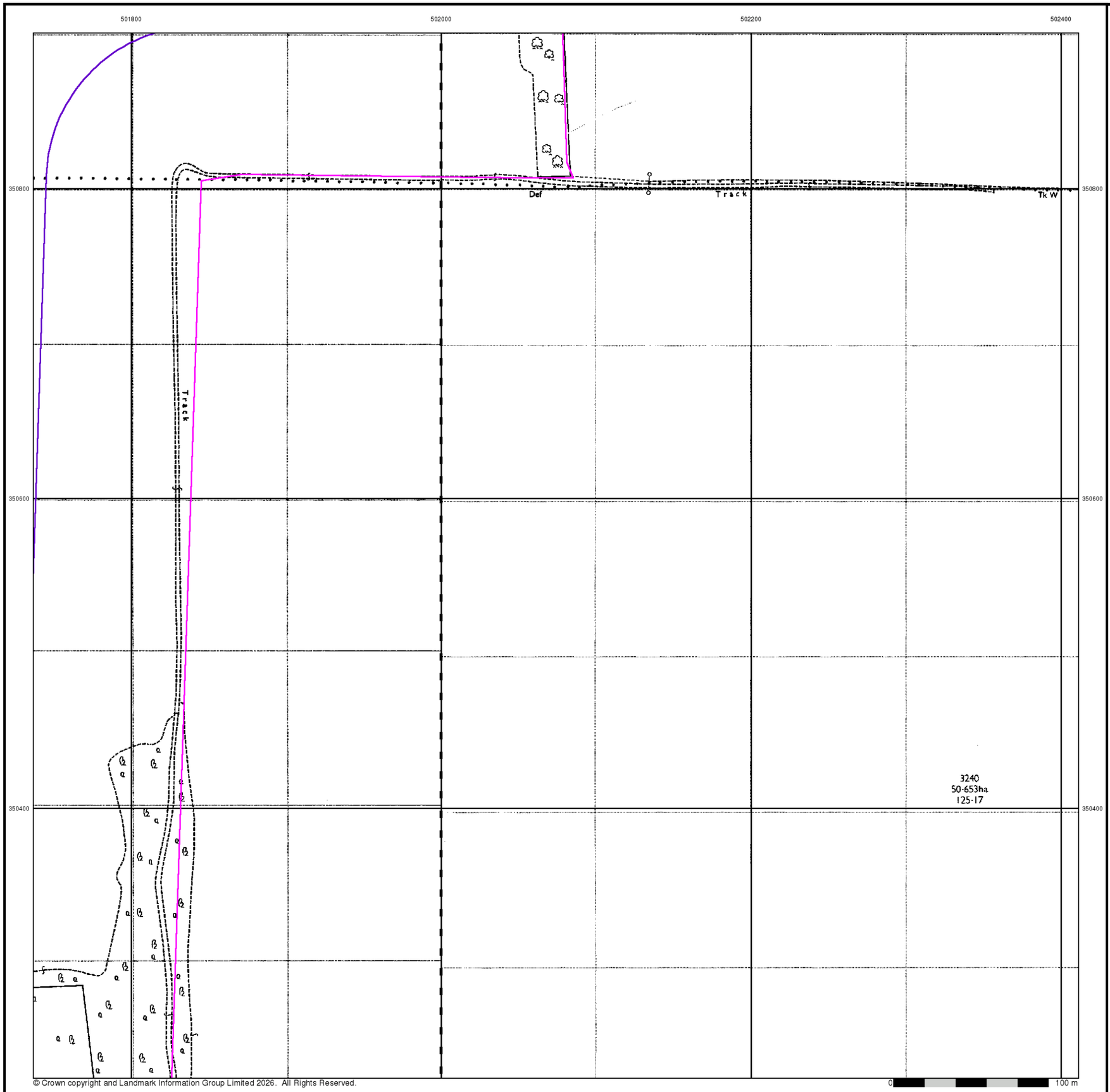
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Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
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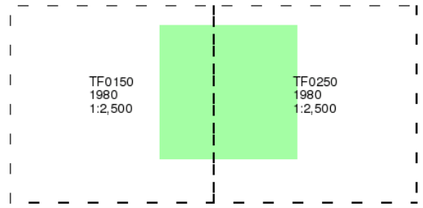
Ordnance Survey Plan

Published 1980

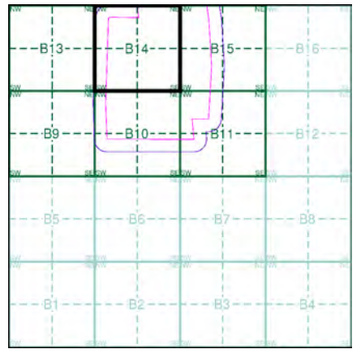
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment B14



Order Details

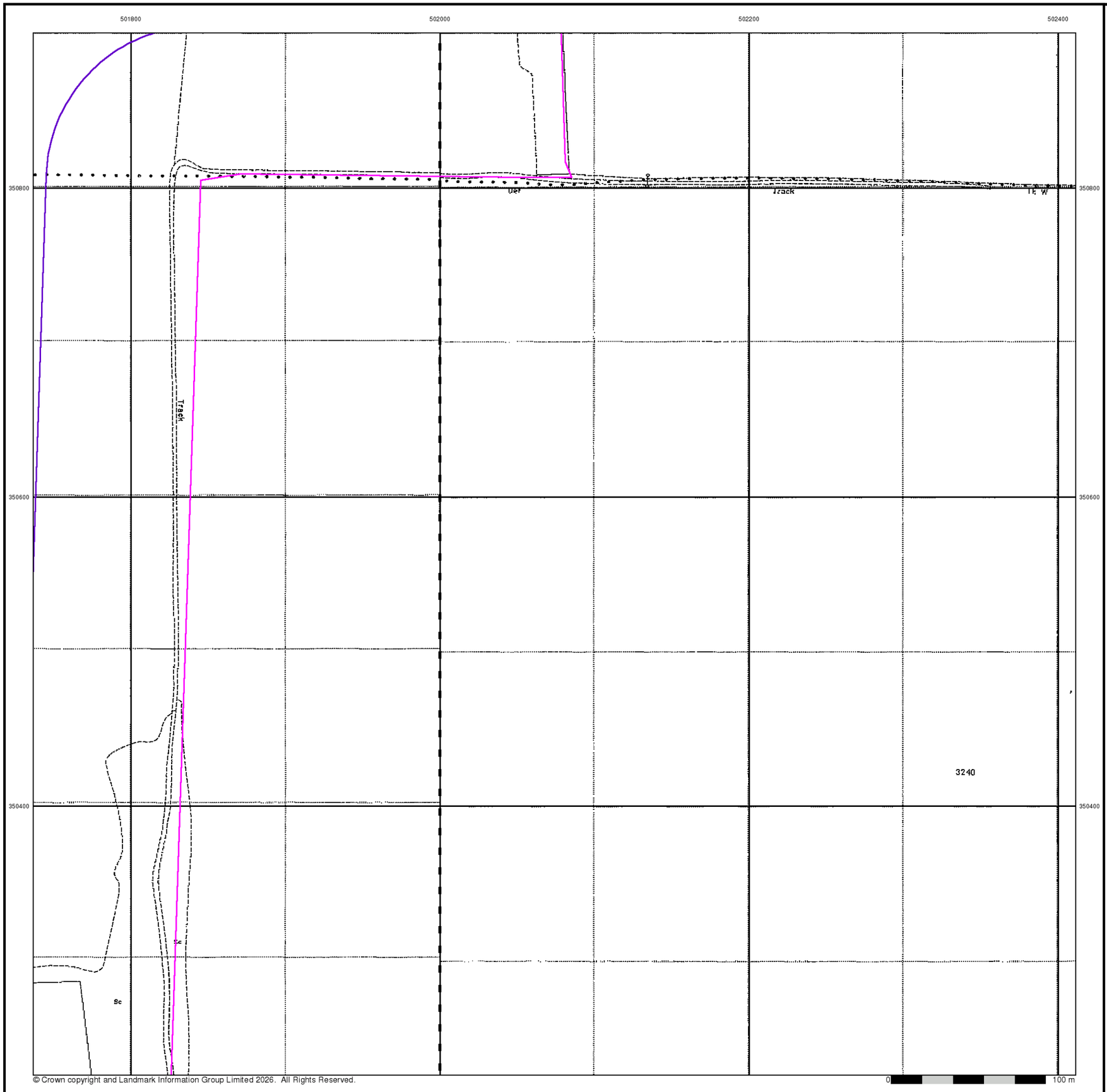
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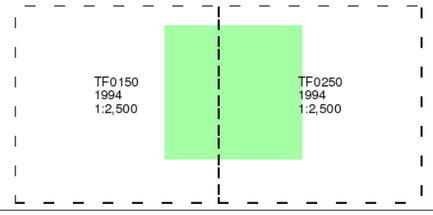
Large-Scale National Grid Data

Published 1994

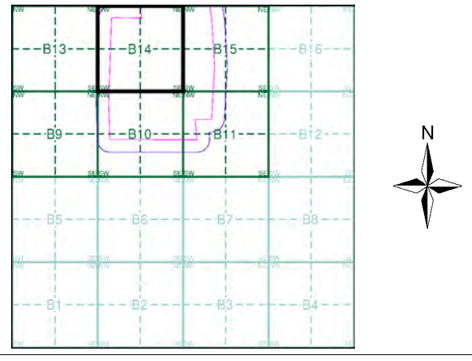
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B14



Order Details

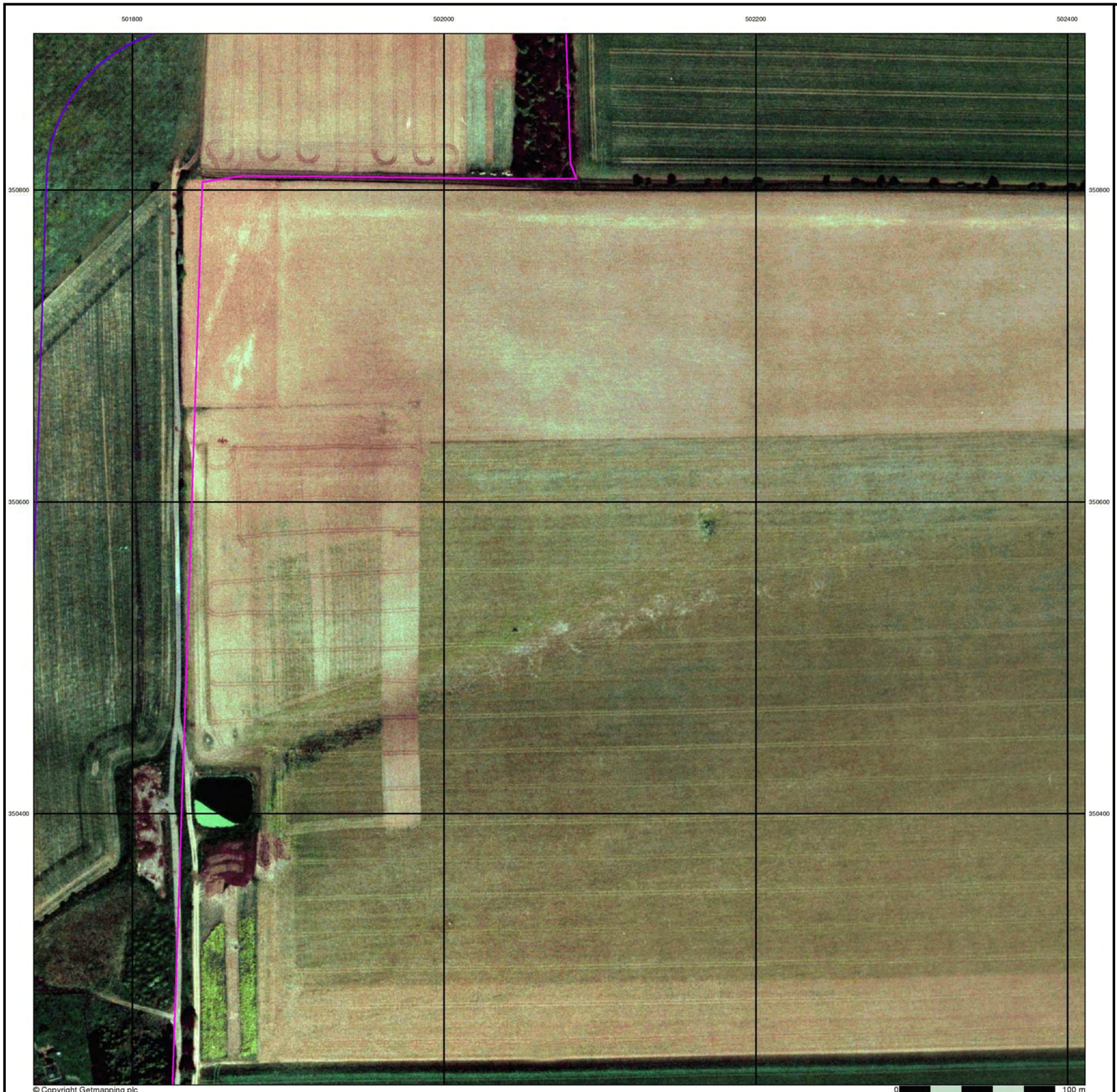
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	100

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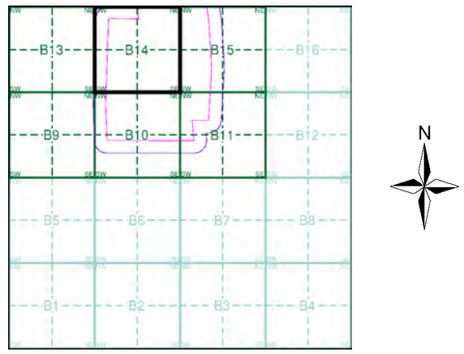
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Historical Aerial Photography

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 B14



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

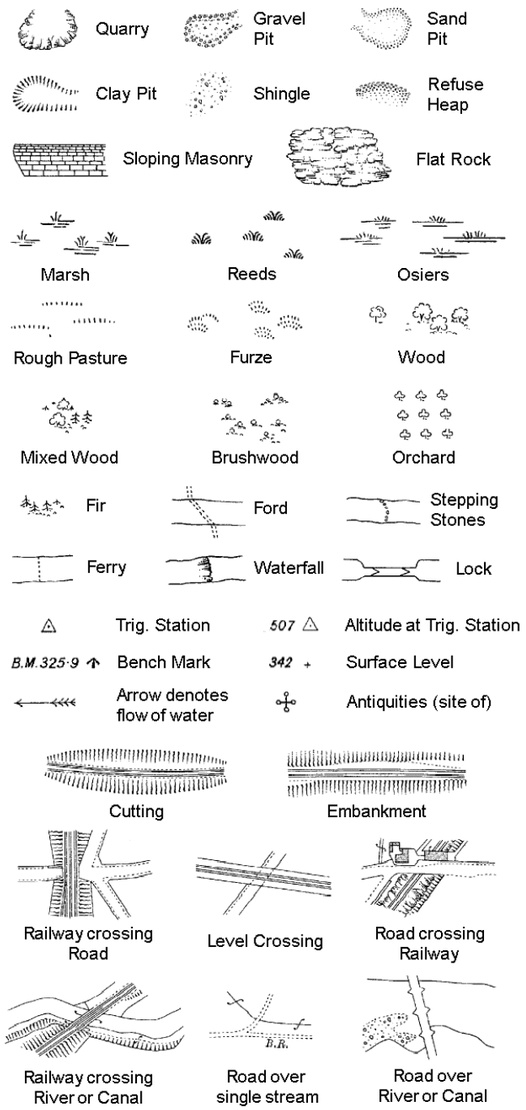
1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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Historical Mapping Legends

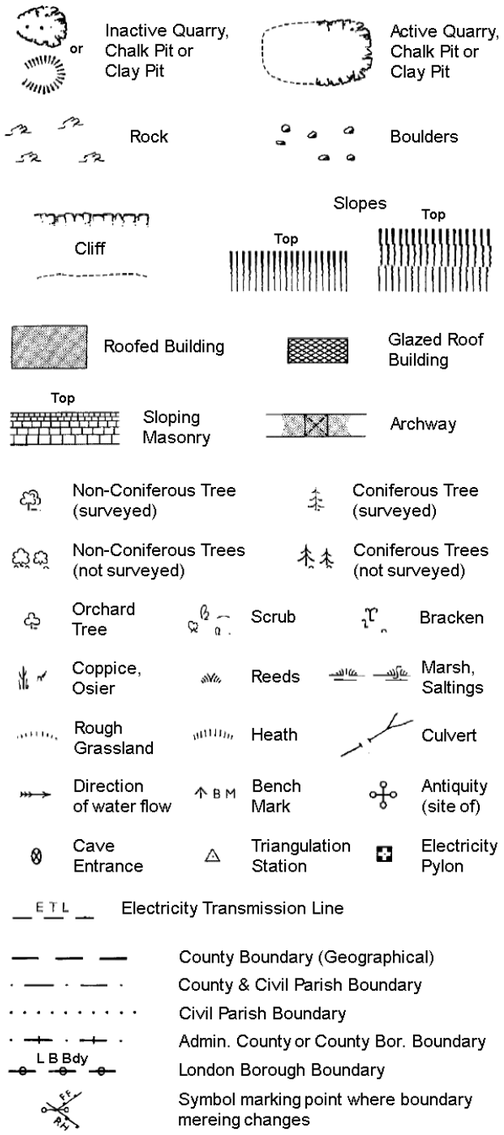
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

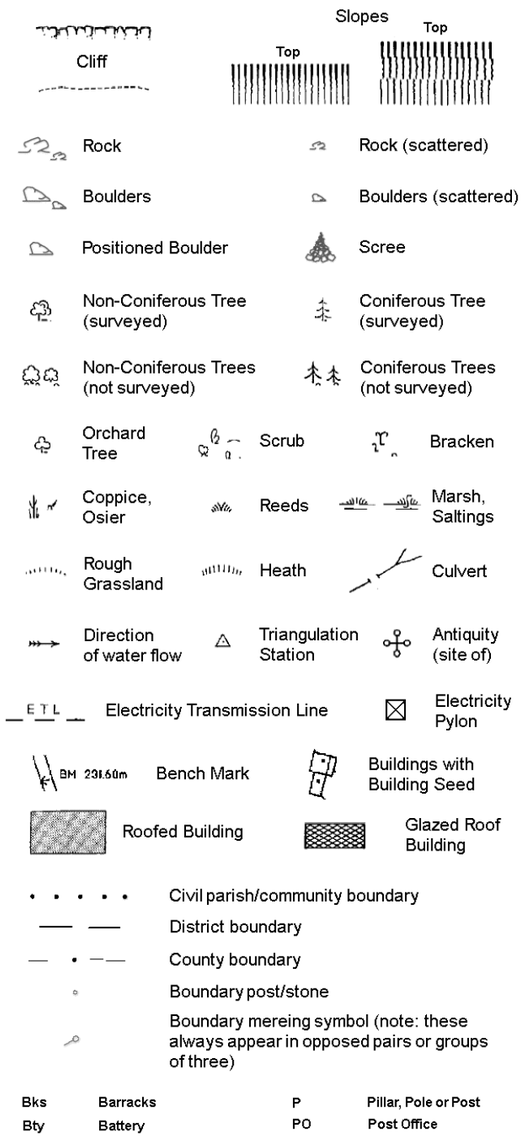
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

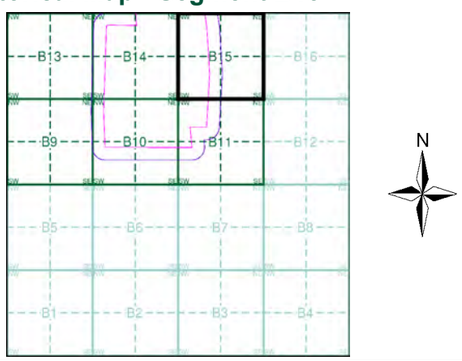
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1888	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1980	4
Additional SIMs	1:2,500	1980	5
Additional SIMs	1:2,500	1983	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	1999	8

Historical Map - Segment B15



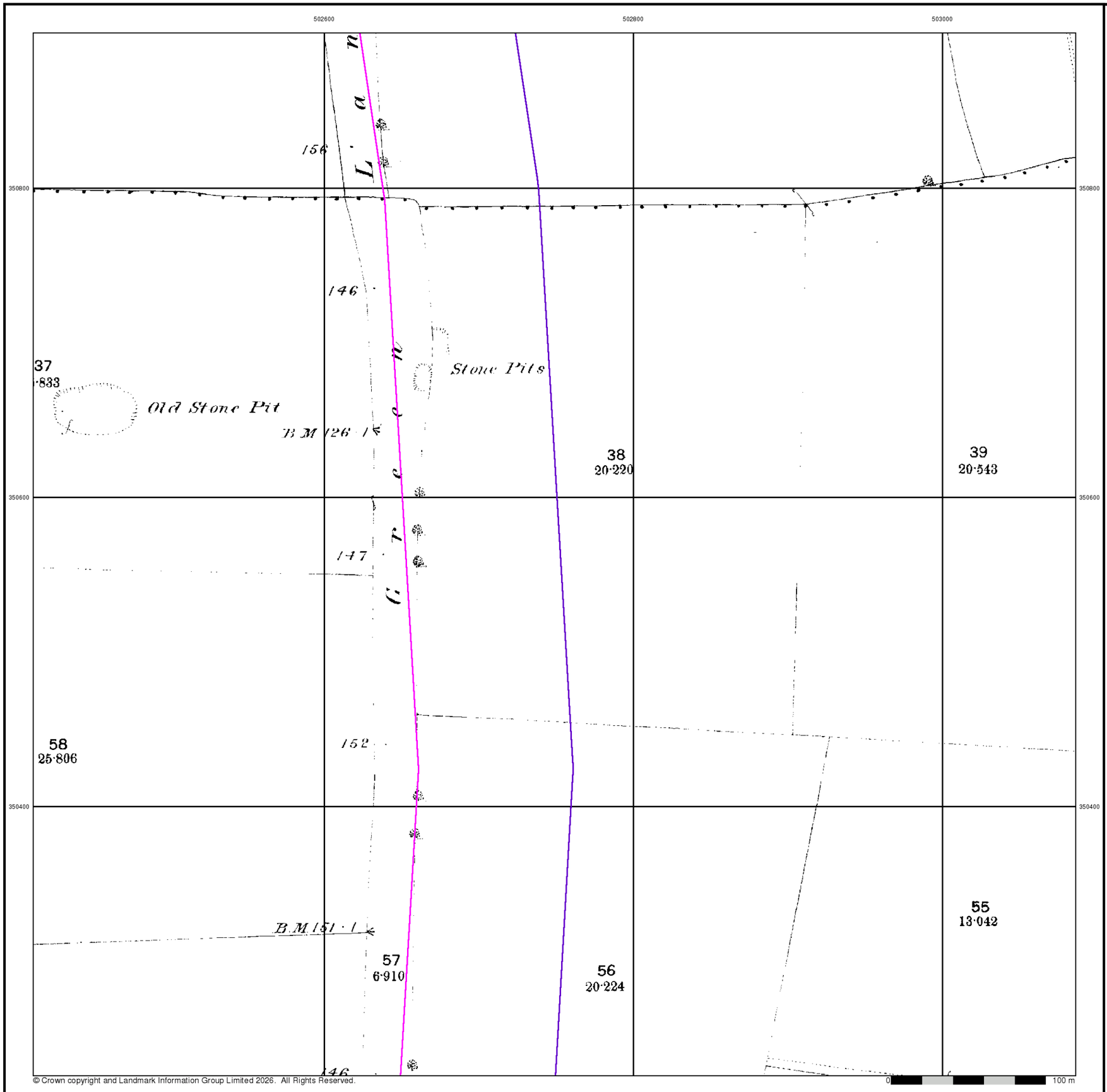
Order Details

Order Number: 406246422_1_1
Customer Ref: 323777
National Grid Reference: 502310, 349940
Slice: B
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

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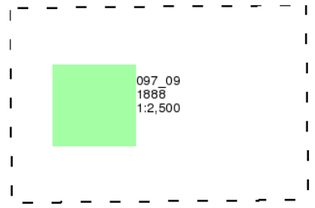
Lincolnshire

Published 1888

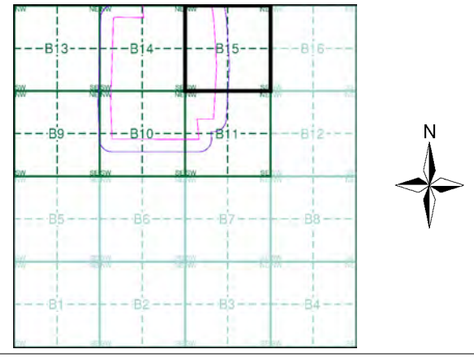
Source map scale - 1:2,500

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 B15



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
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Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

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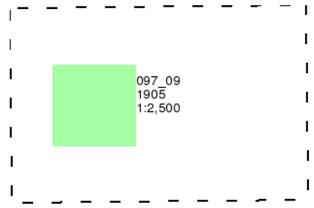
Lincolnshire

Published 1905

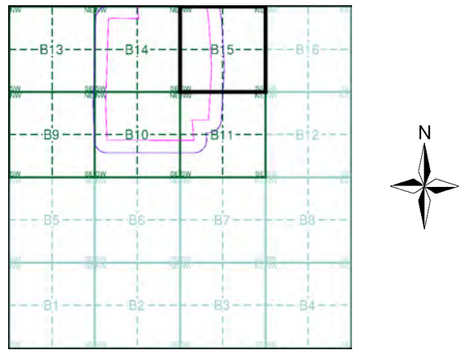
Source map scale - 1:2,500

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 B15



Order Details

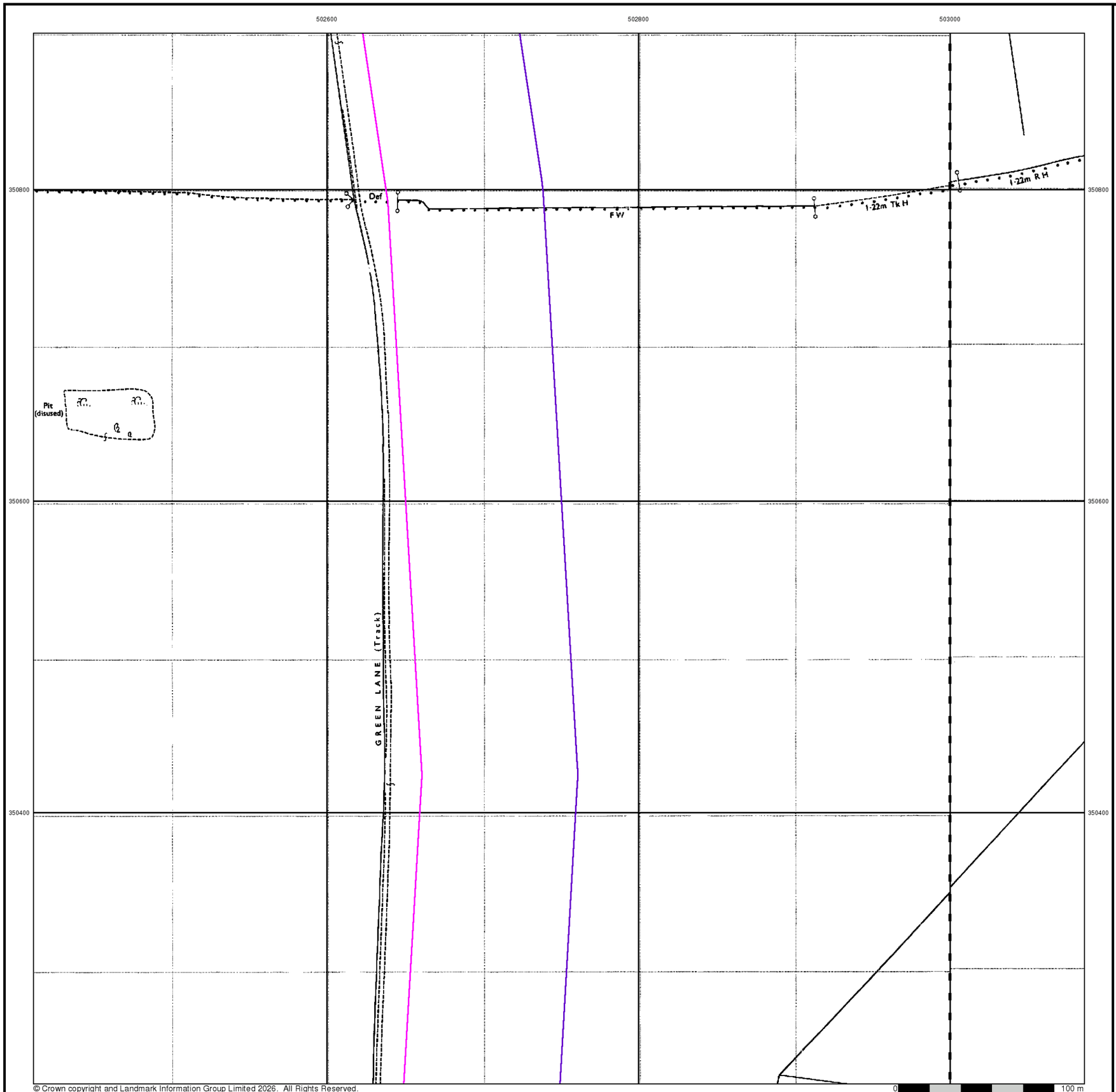
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National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
Search Buffer (m):	100

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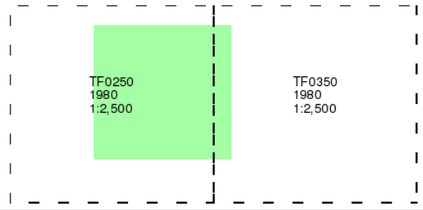
Ordnance Survey Plan

Published 1980

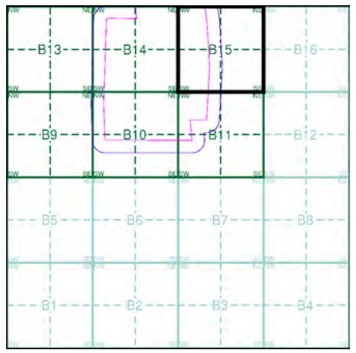
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment B15



Order Details

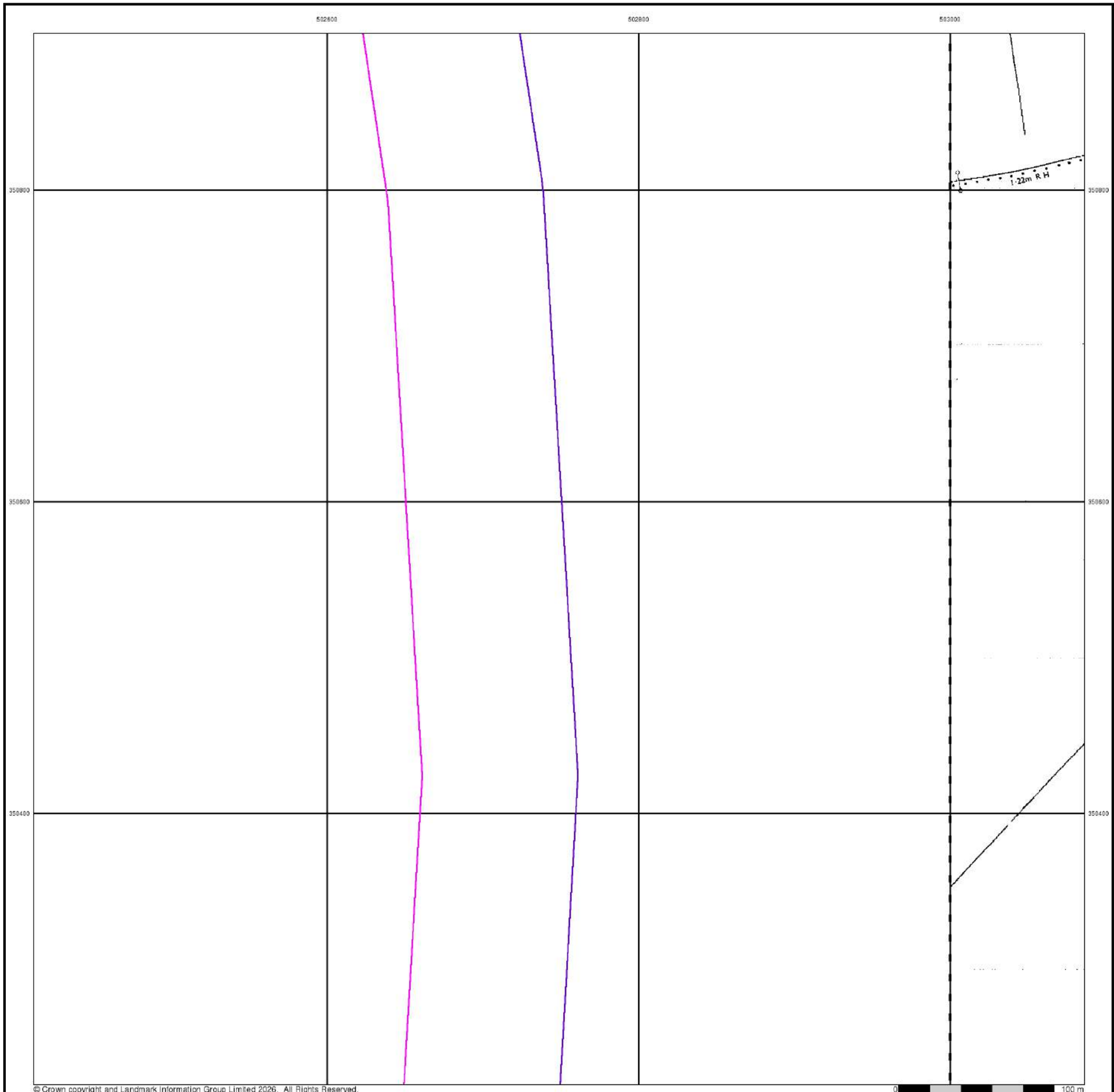
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National Grid Reference:	502310, 349940
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Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

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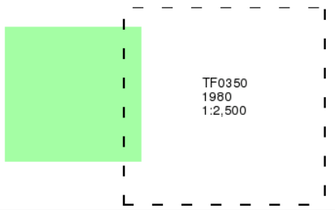
Additional SIMs

Published 1980

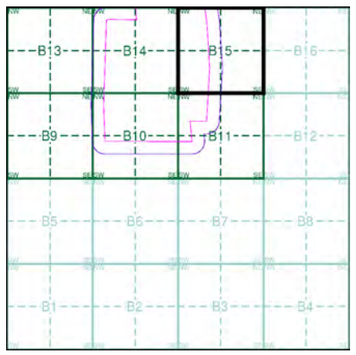
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B15



Order Details

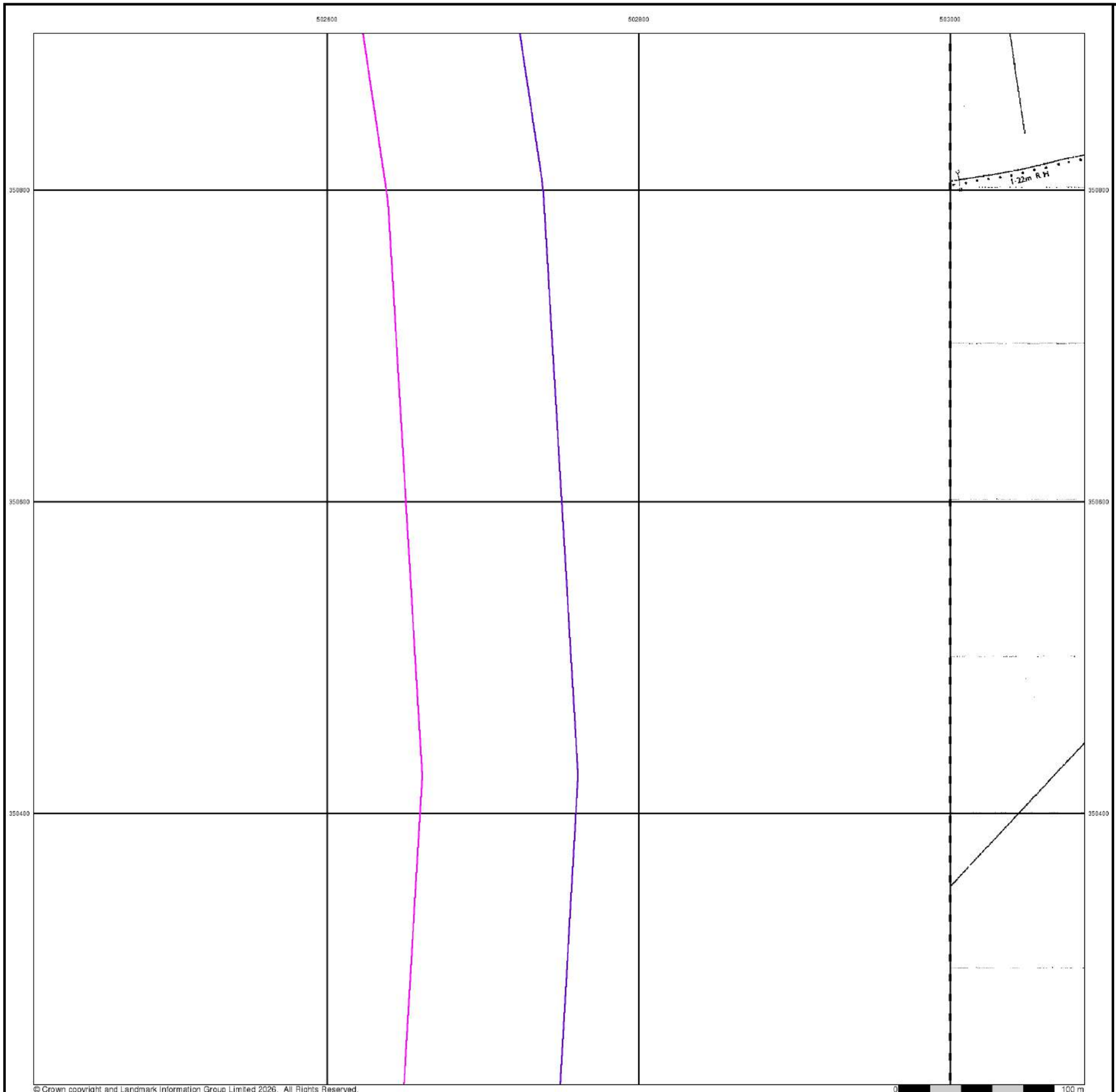
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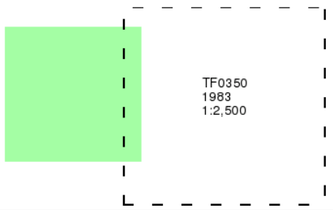
Additional SIMs

Published 1983

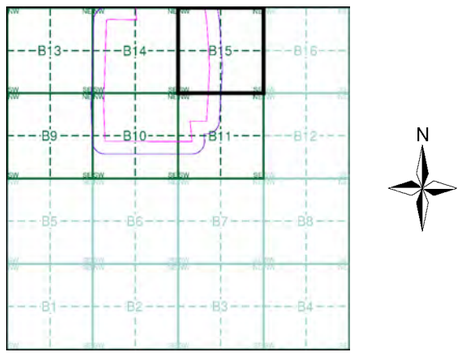
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B15



Order Details

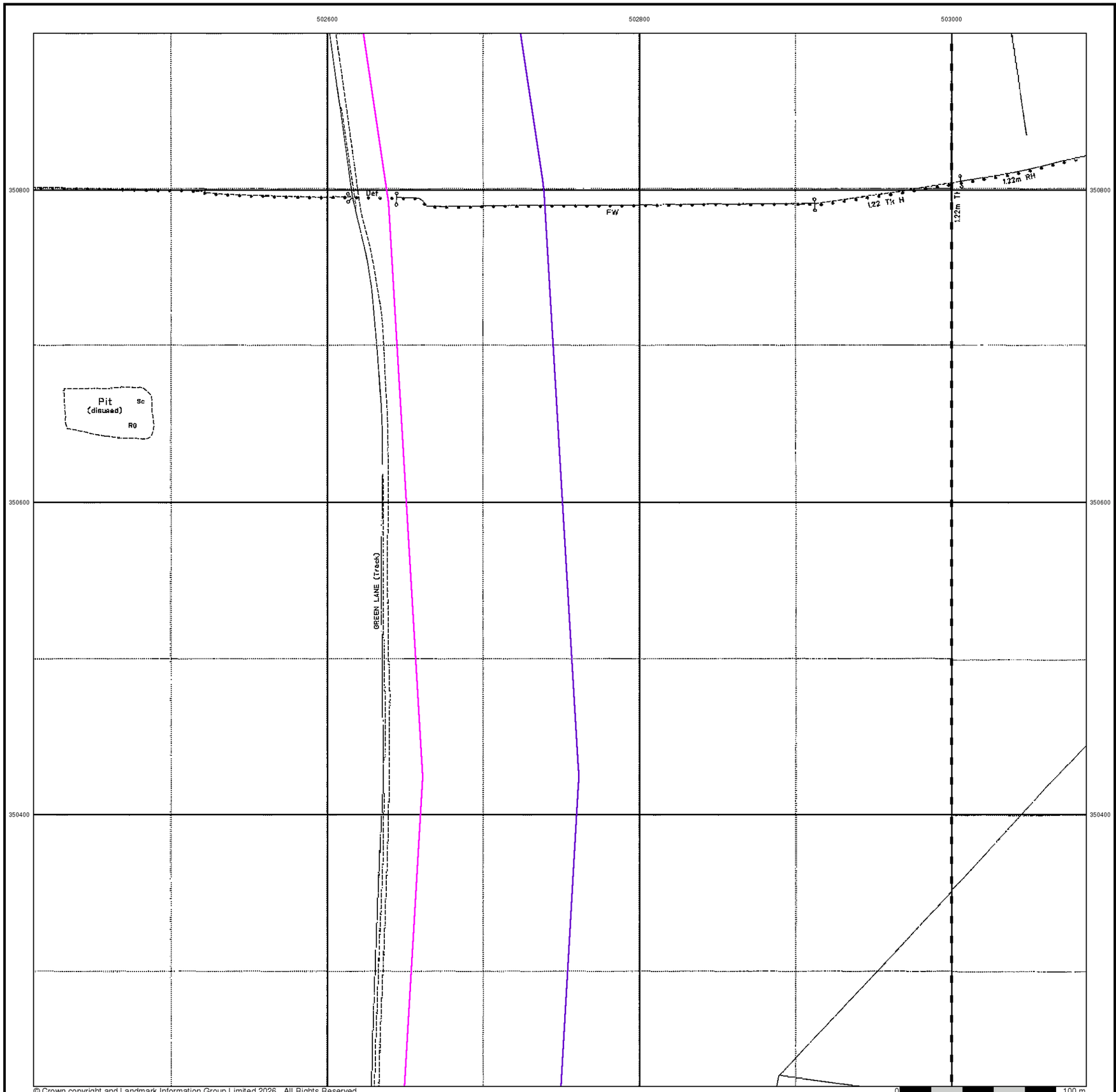
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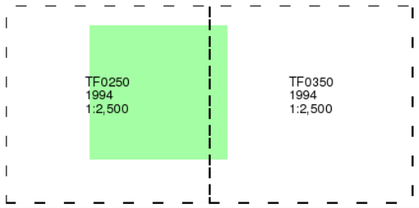
Large-Scale National Grid Data

Published 1994

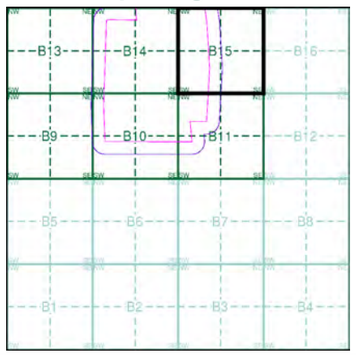
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B15



Order Details

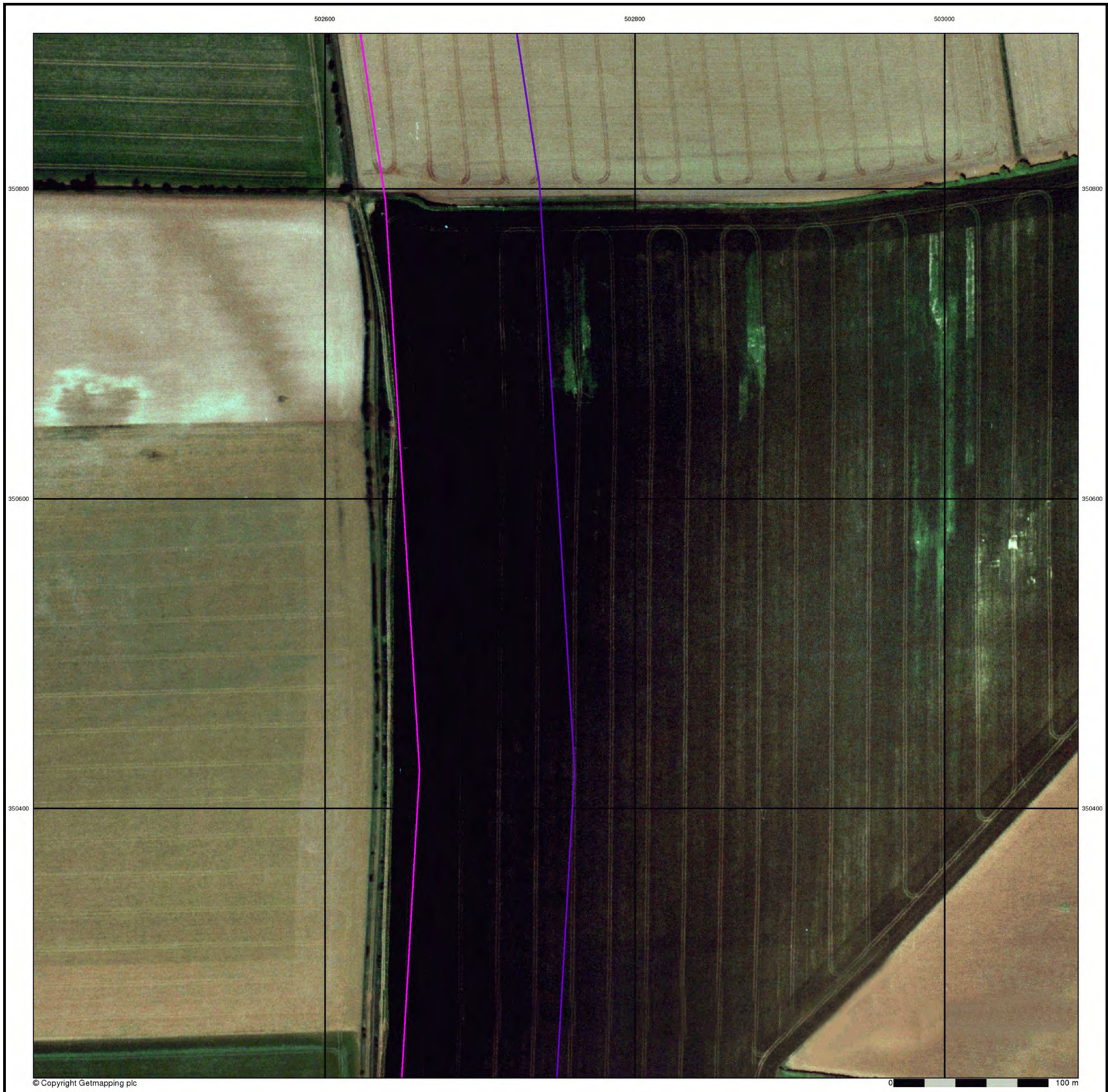
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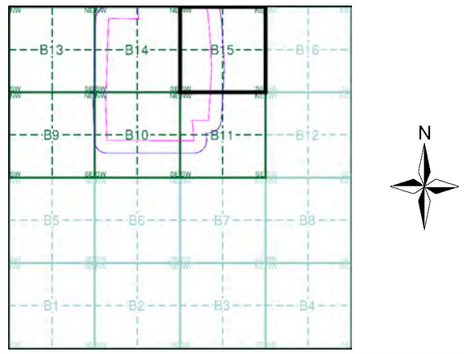
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Historical Aerial Photography

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 B15

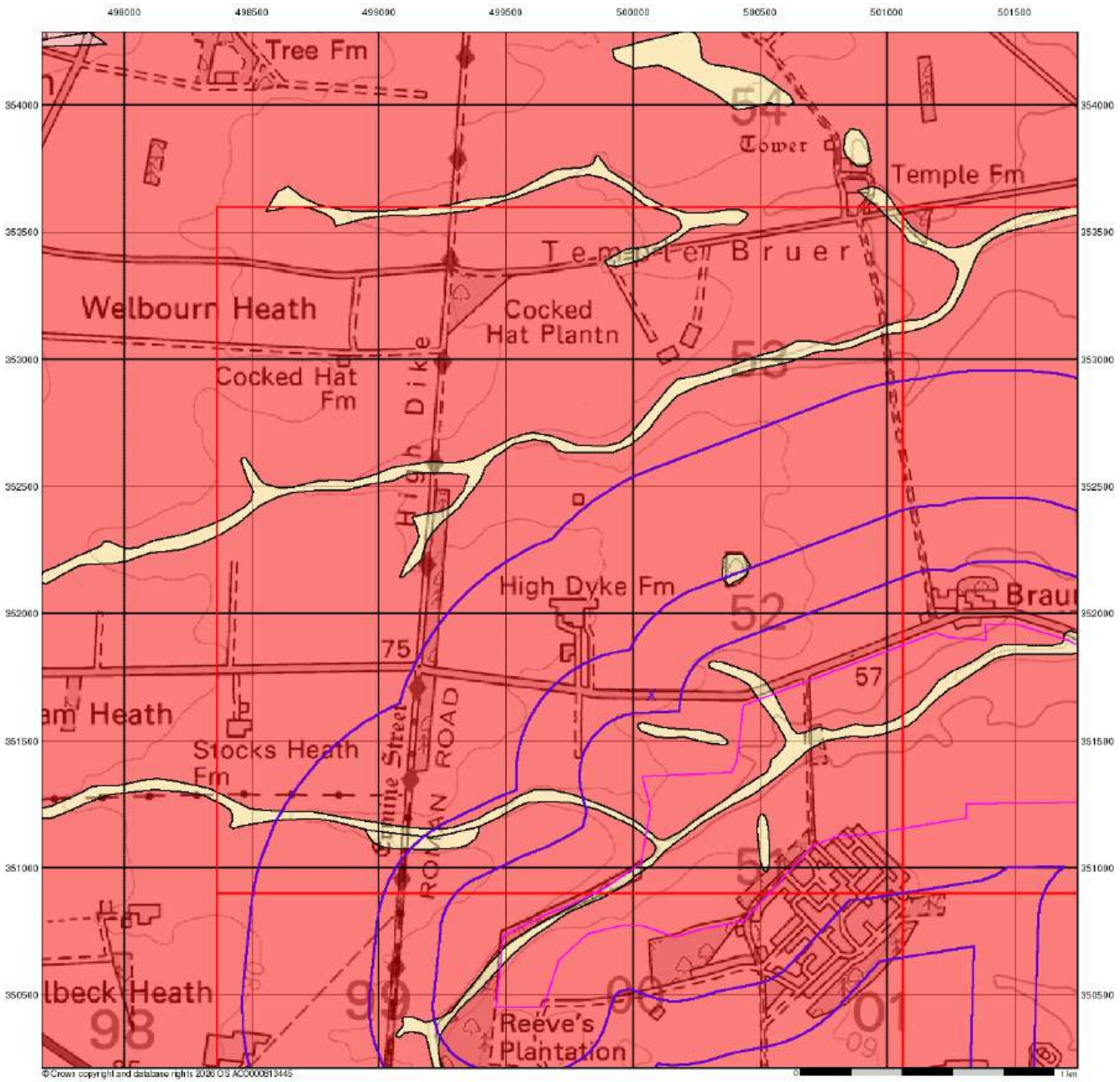


Order Details

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Customer Ref:	323777
National Grid Reference:	502310, 349940
Slice:	B
Site Area (Ha):	259.07
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Groundwater Vulnerability

General

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

Agency and Hydrological

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

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice C



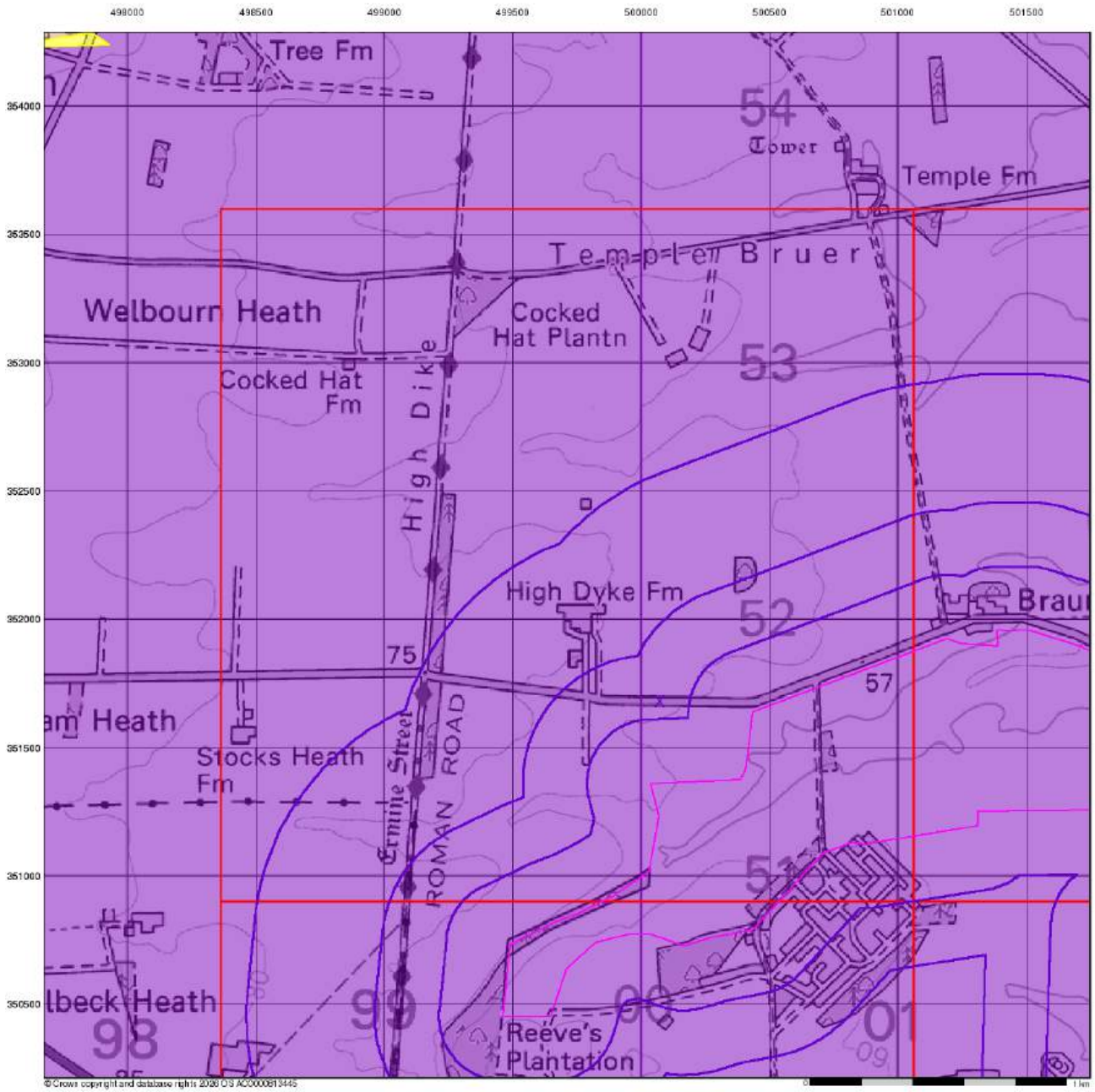
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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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 C

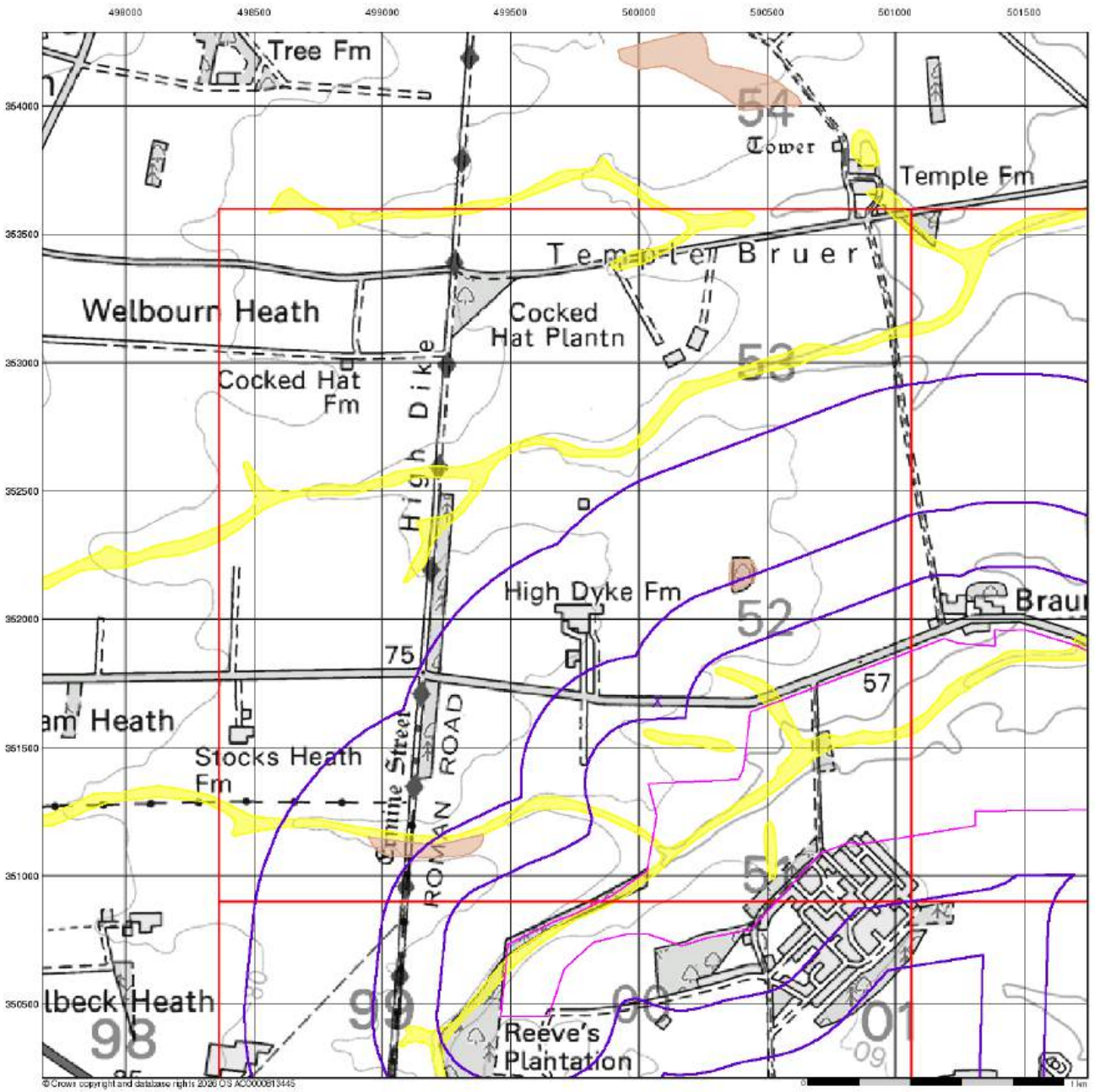


Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
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Site Details

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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 C

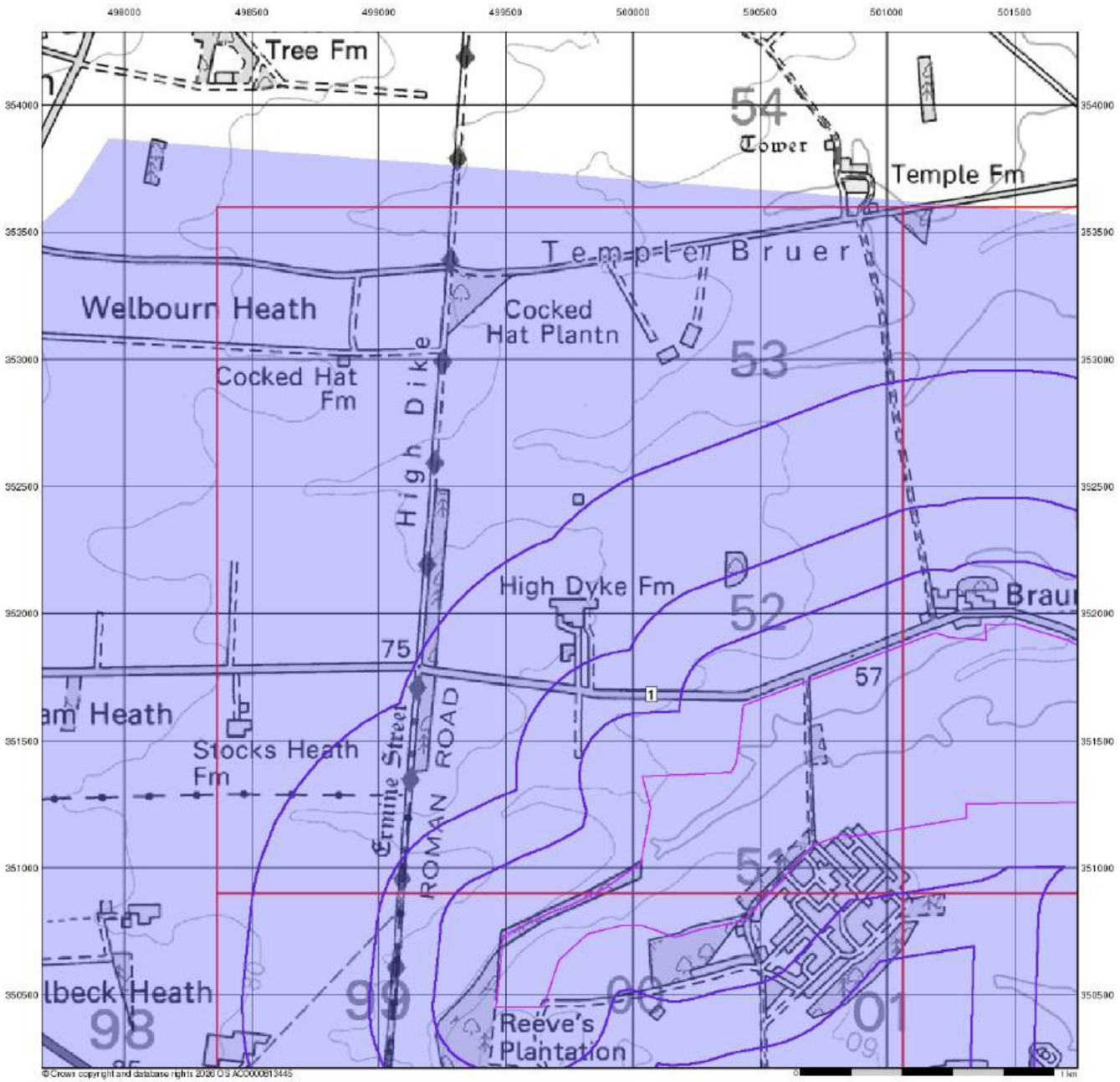


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National Grid Reference:	500070, 351680
Slice:	C
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Source Protection Zones

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

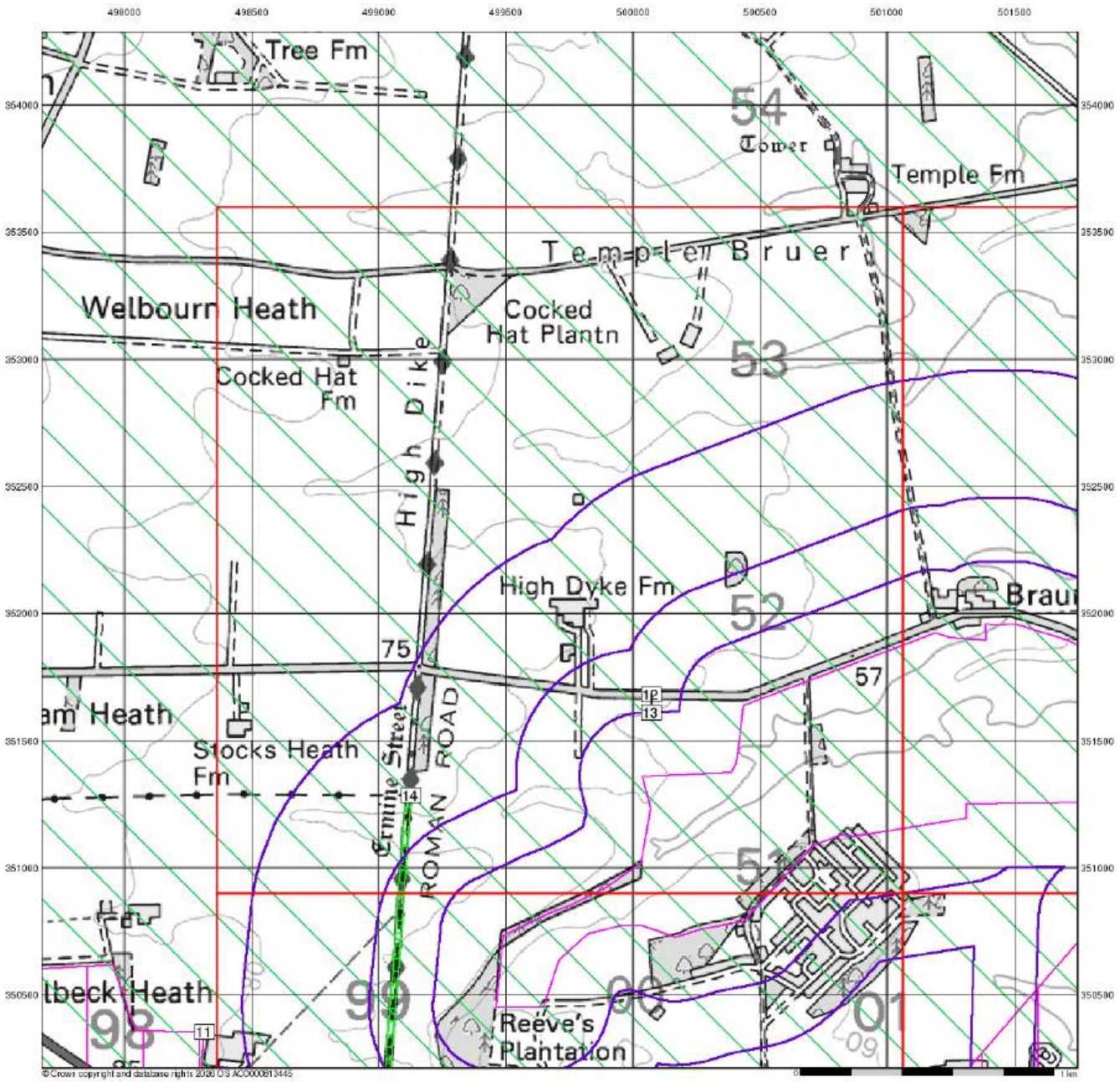


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National Grid Reference:	500070, 351680
Slice:	C
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Sensitive Land Uses

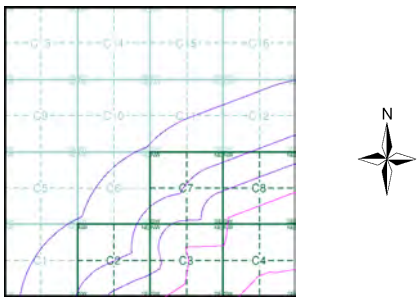
General

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



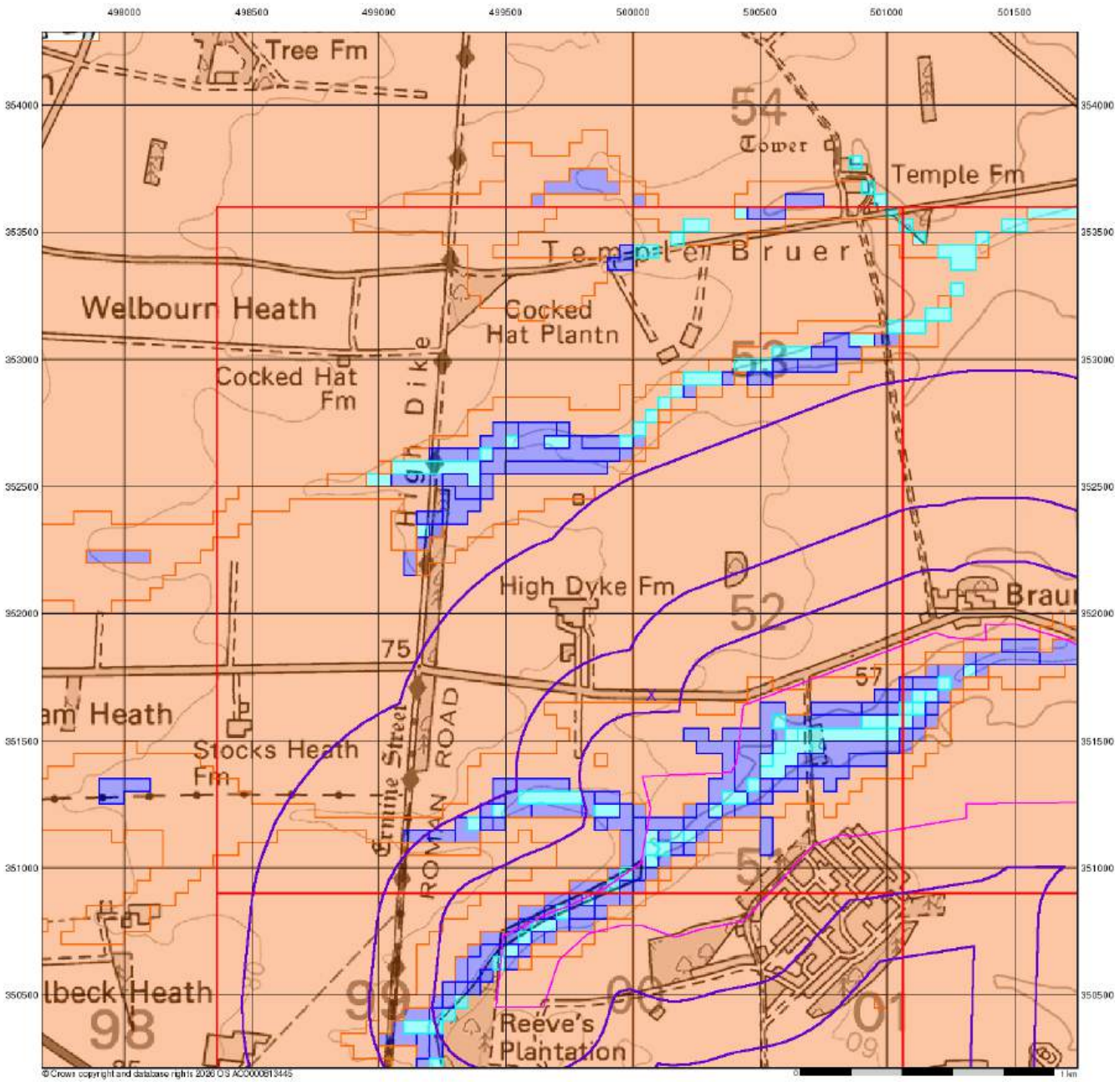
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	1000

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BGS Flood GFS Data

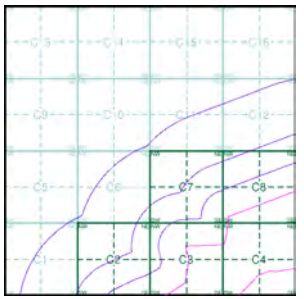
General

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



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
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Datasheet

Order Details:

Order Number:
406246422_1_1

Customer Reference:
323777

National Grid Reference:
500070, 351680

Slice:
C

Site Area (Ha):
259.07

Search Buffer (m):
1000

Site Details:

1, Laburnum Road
Cranwell
Sleaford
NG34 8EH

Client Details:

[redacted]
RSK Environment Ltd
9 Mountain View
Helsby
Chesire
WA6 0BD

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Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	14
Hazardous Substances	-
Geological	15
Industrial Land Use	20
Sensitive Land Use	21
Data Currency	22
Data Suppliers	28
Useful Contacts	29

Introduction

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

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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England. The probability result is only valid for properties above ground. All basement and cellar areas are considered to be at additional risk from high radon levels. If an underground room such as a cellar or basement makes up part of the living or working accommodation, the property should be tested regardless of Radon Affected Area status.

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents					
Prosecutions					
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					
Pollution Incidents to Controlled Waters					
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register					
Water Abstractions	pg 8				(*1)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 8	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 12	5	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Source Protection Zones	pg 13	1			
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS NGD Water Network Links					
Water Framework Directive - Catchment	pg 13	Yes			Yes
Water Framework Directive - Groundwater	pg 13	Yes			
Water Framework Directive - Surface Waters					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage		2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 14			2	
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Waste Exemption Permits	pg 14				1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 15	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 15	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 16			2	2
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 16	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 17	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 17	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 17	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 18	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 18	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 18	Yes	n/a	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 20				2
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental	pg 20		2		
Pollution Inventory					
Underground Electrical Cables					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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	pg 21	1			
Nitrate Vulnerable Zones	pg 21	2			
Ramsar Sites					
Sites of Special Scientific Interest	pg 21			1	
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: Potential for Groundwater Flooding to Occur at Surface	C4NW (SE)	0	1	500500 351400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	0	1	500600 351400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C8SE (E)	0	1	500950 351682
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C8SE (E)	0	1	501050 351682
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	0	1	501100 351682
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	0	1	501150 351682
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	501200 351682
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	501250 351682
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C8SW (E)	0	1	500700 351650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C8SE (E)	0	1	500900 351650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C8SE (E)	0	1	501050 351650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	0	1	501100 351650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	501150 351650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	501300 351850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	501450 351850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	501600 351850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4NW (SE)	0	1	500500 351450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (E)	0	1	500650 351450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NE (E)	0	1	500850 351450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	0	1	500400 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4NW (SE)	0	1	500450 351350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	0	1	500500 351350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	0	1	500550 351350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	0	1	500650 351400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C8SE (E)	0	1	501050 351700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	501100 351700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	0	1	501200 351700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C8SW (E)	0	1	500550 351600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C8SW (E)	0	1	500600 351600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C8SE (E)	0	1	500900 351600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C8SE (E)	0	1	501000 351600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	501100 351600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	501150 351600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (E)	0	1	500550 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4NW (E)	0	1	500600 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4NE (E)	0	1	501000 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NE (E)	0	1	501050 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	501100 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4NW (E)	0	1	500550 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	500000 350800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C7SE (W)	0	1	500071 351682
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SE (SE)	0	1	500350 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	501150 351750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	0	1	501300 351750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	501350 351750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4NW (E)	0	1	500700 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NE (E)	0	1	501050 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	499750 350900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	499850 350900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	499950 350900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	500000 350900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	500050 350900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	501200 351750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	501300 351700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	501400 351750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	501300 351800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	501350 351800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	501600 351800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (S)	0	1	500071 351050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	1	500100 351050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	499500 350700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SE (S)	0	1	500150 351050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NE (S)	0	1	500200 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3NE (SE)	0	1	500300 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NE (SE)	0	1	500350 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	0	1	500400 351250

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	C4NW (SE)	0	1	500500 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SW (S)	0	1	499950 351000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SW (S)	0	1	500000 351000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	1	500050 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	1	500071 351000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	499550 350800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	499600 350800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	499700 350800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	499750 350800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	499850 350800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	499900 350800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	499550 350700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SW (S)	0	1	499900 350950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SW (S)	0	1	499950 350950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SW (S)	0	1	500000 350950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	1	500050 350950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SE (S)	0	1	500071 350950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (S)	0	1	500200 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	1	500250 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SE (SE)	0	1	500300 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C7SE (S)	0	1	500071 351650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	499500 350750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	499550 350750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	499600 350750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	499650 350750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	499700 350750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (S)	0	1	500071 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	1	500100 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (S)	0	1	500150 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	499500 350650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	499550 350650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	499600 350650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	499600 350700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	499850 350750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	499650 350850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	499700 350850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	499750 350850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	499800 350900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	499900 350850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	500000 350850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	1	500200 351100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SE (S)	0	1	500250 351100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4SW (SE)	0	1	500500 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NE (SE)	0	1	500200 351550

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	C3NE (SE)	0	1	500350 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	0	1	500450 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	0	1	500500 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (S)	0	1	500071 351100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (S)	0	1	500100 351100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	1	500150 351100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	1	500071 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NE (S)	0	1	500250 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SE (SE)	0	1	500350 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	501150 351800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SE (S)	0	1	500100 351000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SW (S)	3	1	500000 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SW (SW)	10	1	499850 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NE (S)	14	1	500050 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	22	1	499450 350600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C7SW (SW)	38	1	500000 351650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NW (S)	55	1	500000 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	67	1	499400 350550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	82	1	499400 350700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NW (S)	101	1	499950 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	112	1	499350 350500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3NW (S)	113	1	499950 351250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	116	1	499350 350550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	121	1	499350 350650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3NW (SW)	144	1	499900 351450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C7SW (W)	145	1	500000 351682
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SW (S)	153	1	499900 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	162	1	499300 350450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	162	1	499300 350500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	166	1	499300 350550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NW (SW)	198	1	499850 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	212	1	499250 350450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	212	1	499250 350500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	219	1	499250 350400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	236	1	499250 350350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3NW (SW)	246	1	499800 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NW (SW)	258	1	499800 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	262	1	499200 350450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	268	1	499200 350400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	282	1	499200 350350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NW (SW)	289	1	499750 351350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	294	1	499250 350250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2SE (SW)	323	1	499400 351100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	329	1	499100 350400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	332	1	499200 350250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2SE (SW)	369	1	499400 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2SE (SW)	371	1	499500 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NE (SW)	379	1	499600 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2SE (SW)	392	1	499450 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2SW (SW)	412	1	499300 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C2SE (SW)	414	1	499400 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C2NE (SW)	416	1	499500 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NE (SW)	438	1	499450 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2SW (SW)	466	1	499200 351150
	Nearest Surface Water Feature None				
	Water Abstractions Operator: Irelands Farms Ltd Licence Number: 4/30/09/*G/0081 Permit Version: 100 Location: Irelands Fms Bore Welbourn Hth Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Marlstone; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C13SE (NW)	1996	2	498900 353000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C3SW (S)	0	2	500000 350994

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: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C4SW (SE)	0	2	500511 351000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C3SE (S)	0	2	500057 351000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C4SW (SE)	0	2	500505 351212
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C7SE (NE)	0	2	500303 351788

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: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C4NE (E)	0	2	501000 351571
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C3SW (S)	0	2	500000 351000
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C3SW (S)	0	2	500000 350960
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C3SE (S)	0	2	500071 351000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C3SW (S)	0	2	500009 351000
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C4SE (SE)	0	2	501000 351000
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C7SE (W)	0	2	500071 351682
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C3SE (SE)	0	2	500350 351224

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C3SW (S)	0	2	500000 351163
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C8SE (E)	0	2	501000 351682
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	C4NE (E)	0	2	501000 351532
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	C3SW (S)	0	2	500000 351000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	C3SE (S)	0	2	500071 351000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	C4SE (SE)	0	2	501000 351000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	C7SE (W)	0	2	500071 351682
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	C8SE (E)	0	2	501000 351682
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	C7SE (W)	0	2	500071 351682
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	C7SW (W)	0	2	500000 351682
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C4SW (SE)	0	2	500505 351212

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C3SW (S)	0	2	500000 350994
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C7SE (NE)	0	2	500303 351788
1	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	C7SE (W)	0	2	500071 351682
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
	OS NGD Water Network Links None				
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Ruskington Beck WaterBody ID: GB105030056700 Operational Catchment: Witham Lower Management Catchment: Witham Catchment Name: Witham	C7SE (W)	0	2	500071 351682
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Dorrington Dike WaterBody ID: GB105030056175 Operational Catchment: Witham Lower Management Catchment: Witham Catchment Name: Witham	C7NE (N)	518	2	500081 352155
	Water Framework Directive - Groundwater Waterbody Name: Witham Limestone Unit A Waterbody ID: GB40501G444800 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40501G444800 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Poor Year: 2019	C7SE (W)	0	2	500071 351682

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: North Kesteven District Council - Had landfill data but passed it to the relevant environment agency		0	3	500071 351682
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	4	500071 351682
	Local Authority Landfill Coverage Name: South Kesteven District Council - Has supplied landfill data		408	5	499115 351284
2	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	C7SW (W)	439	-	499757 351697
3	**Potentially Infilled Land (Non-Water)** Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	C2SW (SW)	493	-	499156 351096
4	**Waste Exemption Permits** Permit Reference: WEX325751 Exemption Category: Disposal Exemption Sub-Category: Burning waste in the open. Exemption Definition: The D7 exemption allows you to burn plant tissue and untreated wood waste from joinery or manufacturing in the open air. Exemption Category: Use Exemption Sub-Category: Use of waste in construction. Exemption Definition: The U1 exemption allows you to use suitable waste in construction as a recovery activity. Exemption Category: Use Exemption Sub-Category: Pig and poultry ash. Exemption Definition: The U15 exemption allows you to mix ash from burning pig or poultry with slurry and/or manure, and spread it on farmland to provide the soil with nutrients.	C7NW (NW)	617	2	499792 351927

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Inferior Oolite Group	C7SE (W)	0	1	500071 351682
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C4SE (SE)	0	1	501000 351000
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C7SE (W)	0	1	500071 351682
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C7NE (N)	139	1	500071 352000
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C7NE (NE)	464	1	500375 352110
	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: 15 - 30 mg/kg	C1SE (SW)	557	1	499000 351090
	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: 15 - 30 mg/kg	C5SE (W)	659	1	499000 351682

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**BGS Recorded Mineral Sites** Site Name: High Dyke Farm Gravel Pit Location: Cranwell, Lincoln, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 134928 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Lower Lincolnshire Limestone Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	C7SW (W)	433	1	499764 351696
6	**BGS Recorded Mineral Sites** Site Name: Lord Bristol'S Plantation Sand Pit Location: Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 134831 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Blown Sand, 1 Commodity: Sand Positional Accuracy: Located by supplier to within 10m	C2SW (SW)	486	1	499158 351089
7	**BGS Recorded Mineral Sites** Site Name: Temple Bruer Clay Pit Location: Temple Bruer, Welbourn, Lincoln, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136066 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	C12NW (NE)	935	1	500626 352709
8	**BGS Recorded Mineral Sites** Site Name: Temple Bruer Gravel Pits Location: Temple Bruer, Welbourn, Lincoln, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136064 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	C11NE (N)	983	1	500307 352640
	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	C7SW (W)	0	1	500000 351682
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C7SE (W)	0	1	500071 351682
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C7SE (W)	0	1	500071 351682
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C7SW (W)	0	1	500000 351682

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SW (S)	0	1	500000 350901
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C7SE (S)	0	1	500063 351586
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C4SW (SE)	0	1	500496 351076
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C7SE (NE)	0	1	500303 351788
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C7SE (N)	0	1	500069 351720
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	499928 351317
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	500033 351537
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SE (SE)	0	1	500334 351120
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C7SE (W)	0	1	500071 351682
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C7SW (W)	38	1	500000 351682
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SW (SW)	87	1	499787 351196
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C2SE (SW)	136	1	499701 351143
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C7SW (SW)	181	1	500000 351589
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C7SW (W)	0	1	500000 351682
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3SE (SE)	0	1	500337 351172
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C7SE (W)	0	1	500071 351682
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3SW (S)	0	1	500000 350960
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C7SW (W)	0	1	500000 351682
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3SW (S)	0	1	500000 351163
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SW (S)	0	1	500000 350994
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C7SE (W)	0	1	500071 351682

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	C4SW (SE)	0	1	500505 351212
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C7SE (NE)	0	1	500303 351788
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	45	1	500049 351567
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	57	1	499897 351239
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3SW (S)	0	1	500000 350901
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C7SE (W)	0	1	500071 351682
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	500049 351567
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	499920 351261
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C7SW (W)	5	1	500000 351682
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	C4SW (SE)	0	1	500475 351100
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	C7SE (NE)	0	1	500275 351775
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	C7SW (W)	0	1	500000 351682
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	C7SE (W)	0	1	500071 351682
	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	C7NE (N)	0	1	500071 352025
	Radon Potential - Radon Protection Measures Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	C4SW (SE)	0	1	500475 351100
	Radon Potential - Radon Protection Measures Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	C7SE (NE)	0	1	500275 351775
	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	C7SW (W)	0	1	500000 351682
	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	C7SE (W)	0	1	500071 351682

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	C7NE (N)	0	1	500071 352025

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Points of Interest - Manufacturing and Production** Name: High Dyke Agro Services Ltd Location: High Dyke Farm, Long Lane, Temple Bruer, Lincoln, LN5 0DL Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	C7NW (NW)	617	6	499792 351927
9	**Points of Interest - Manufacturing and Production** Name: Tank Location: LN5 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	C7NW (NW)	699	6	499772 352007
10	**Points of Interest - Recreational and Environmental** Name: Playground Location: High Dyke Road, NG34 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	C4SE (SE)	149	6	500791 350959
10	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	C4SE (SE)	157	6	500782 350937

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**Nitrate Sensitive Areas** Name: Sleaford Multiple Area: N Area (m2): 50999746.49 Source: Natural England	(SE)	0	7	501086 350127
12	**Nitrate Vulnerable Zones** Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	C7SE (W)	0	2	500071 351682
13	**Nitrate Vulnerable Zones** Name: Lincolnshire Limestone Description: Groundwater Source: Environment Agency, Head Office	C7SE (W)	0	2	500071 351682
14	**Sites of Special Scientific Interest** Name: High Dyke Multiple Areas: Y Total Area (m2): 67679.08 Source: Natural England Reference: 1003812 Designation Details: Site Of Special Scientific Interest Designation Date: 1st May 1986 Date Type: Notified	C2NW (SW)	395	7	499127 351284

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
South Kesteven District Council - Environmental Health	December 2025	Annual Rolling Update
Environment Agency - Head Office	November 2023	Annually
North Kesteven District Council - Environmental Health Department	October 2025	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2026	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 2026	Bi-Annually
Local Authority Integrated Pollution Prevention And Control		
North Kesteven District Council - Environmental Health Department	April 2025	Variable
South Kesteven District Council - Environmental Health	January 2025	Variable
Local Authority Pollution Prevention and Controls		
North Kesteven District Council - Environmental Health Department	April 2025	Annual Rolling Update
South Kesteven District Council - Environmental Health	January 2025	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
South Kesteven District Council - Environmental Health	January 2025	Variable
North Kesteven District Council - Environmental Health Department	June 2025	Variable
Nearest Surface Water Feature		
Ordnance Survey	April 2026	
Pollution Incidents to Controlled Waters		
Environment Agency - Anglian Region	September 1999	
Historical Prosecutions		
Environment Agency, Anglian Region	March 2013	Not Applicable
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2026	Quarterly
Environment Agency - Head Office	May 2023	
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	April 2026	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	April 2026	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	As notified
Superficial Aquifer Designations		
Environment Agency - Head Office	January 2018	As notified
Source Protection Zones		
Environment Agency - Head Office	August 2025	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	December 2023	As notified
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	December 2023	As notified

Data Currency

Agency & Hydrological	Version	Update Cycle
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	April 2026	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS NGD Water Network Links Ordnance Survey	April 2026	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
Water Framework Directive - Catchment Environment Agency - Head Office	July 2025	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2025	Annually

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	November 2025	Bi-Annually
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	November 2025	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2026	Bi-Annually
Local Authority Landfill Coverage		
Lincolnshire County Council	February 2003	Not Applicable
North Kesteven District Council - Environmental Health Department	February 2003	Not Applicable
South Kesteven District Council - Environmental Health	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Lincolnshire County Council	October 2018	
North Kesteven District Council - Environmental Health Department	October 2018	
South Kesteven District Council - Environmental Health	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	June 2015	
Waste Exemption Permits		
Natural Resources Wales	June 2026	Quarterly
Environment Agency - Head Office	May 2025	Quarterly
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	March 2026	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
South Kesteven District Council	August 2023	Variable
Lincolnshire County Council - Highways and Planning Department	January 2023	Variable
North Kesteven District Council - Planning Department	May 2023	Variable
Planning Hazardous Substance Consents		
North Kesteven District Council - Planning Department	August 2022	Variable
Lincolnshire County Council - Highways and Planning Department	January 2023	Variable
South Kesteven District Council	October 2022	Variable

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	February 2026	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	February 2023	
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	June 2021	As notified
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	November 2025	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2025	Annually

Data Currency

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2026	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	May 2026	Quarterly
Points of Interest - Commercial Services PointX	June 2026	Quarterly
Points of Interest - Education and Health PointX	June 2026	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2026	Quarterly
Points of Interest - Public Infrastructure PointX	June 2026	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2026	Quarterly
Pollution Inventory Environment Agency - Head Office	February 2026	Annually
Underground Electrical Cables National Grid	January 2024	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	March 2026	Bi-Annually
Areas of Adopted Green Belt		
North Kesteven District Council	March 2026	Quarterly
South Kesteven District Council	March 2026	Quarterly
Areas of Unadopted Green Belt		
North Kesteven District Council	March 2026	Quarterly
South Kesteven District Council	March 2026	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	April 2026	Bi-Annually
Environmentally Sensitive Areas		
Natural England	August 2023	
Forest Parks		
Forestry Commission	May 2023	Not Applicable
Local Nature Reserves		
Natural England	January 2026	Bi-Annually
Marine Nature Reserves		
Natural England	February 2026	Bi-Annually
National Nature Reserves		
Natural England	June 2026	Bi-Annually
National Parks		
Natural England	September 2025	Annually
Nitrate Sensitive Areas		
Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	February 2026	Annually
Ramsar Sites		
Natural England	February 2026	Bi-Annually
Sites of Special Scientific Interest		
Natural England	April 2026	Bi-Annually
Special Areas of Conservation		
Natural England	June 2026	Bi-Annually
Special Protection Areas		
Natural England	May 2026	Bi-Annually

Data Suppliers

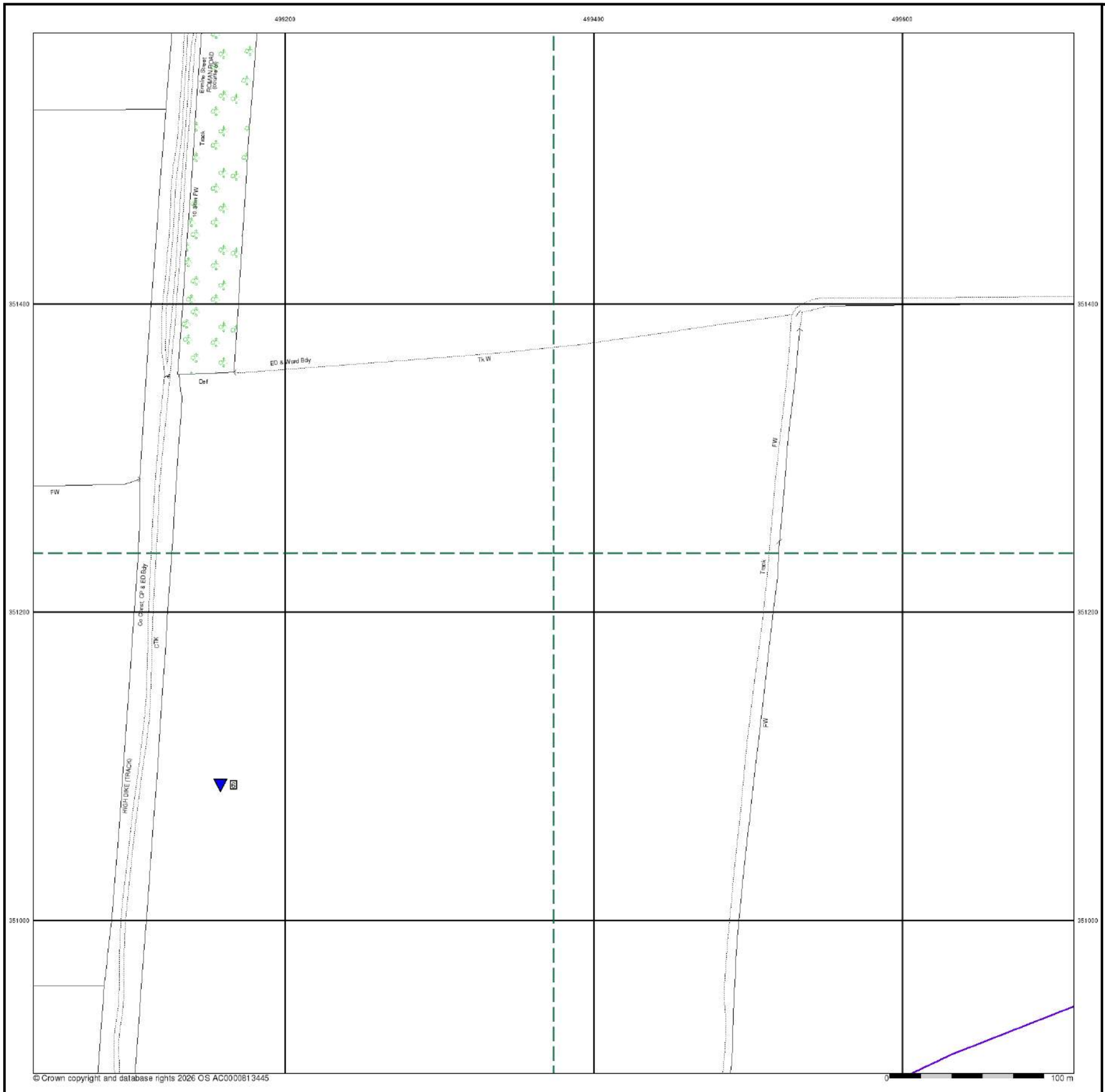
A selection of organisations who provide data within this report

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	**North Kesteven District Council - Environmental Health Department** District Council Offices, Kesteven Street, Sleaford, Lincolnshire, NG34 7EF	Telephone: 01529 414155 Fax: 01529 413956 Website: www.n-kesteven.gov.uk
4	**Lincolnshire County Council** 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
5	**South Kesteven District Council - Environmental Health** Council Offices, St Peters Hill, Grantham, Lincolnshire, NG31 6PZ	Website: www.southkesteven.gov.uk
6	**PointX** 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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



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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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

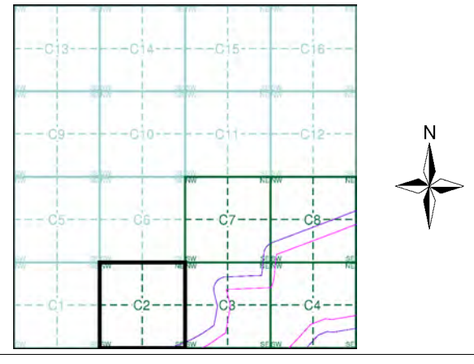
Geological

- 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
- Licenced Waste Management Facility (Landfill Boundary)
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- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
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- Potentially Infilled Land (Water)
- Registered Landfill Site
- 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
- Waste Exemption Permits

Site Sensitivity Map - Segment C2



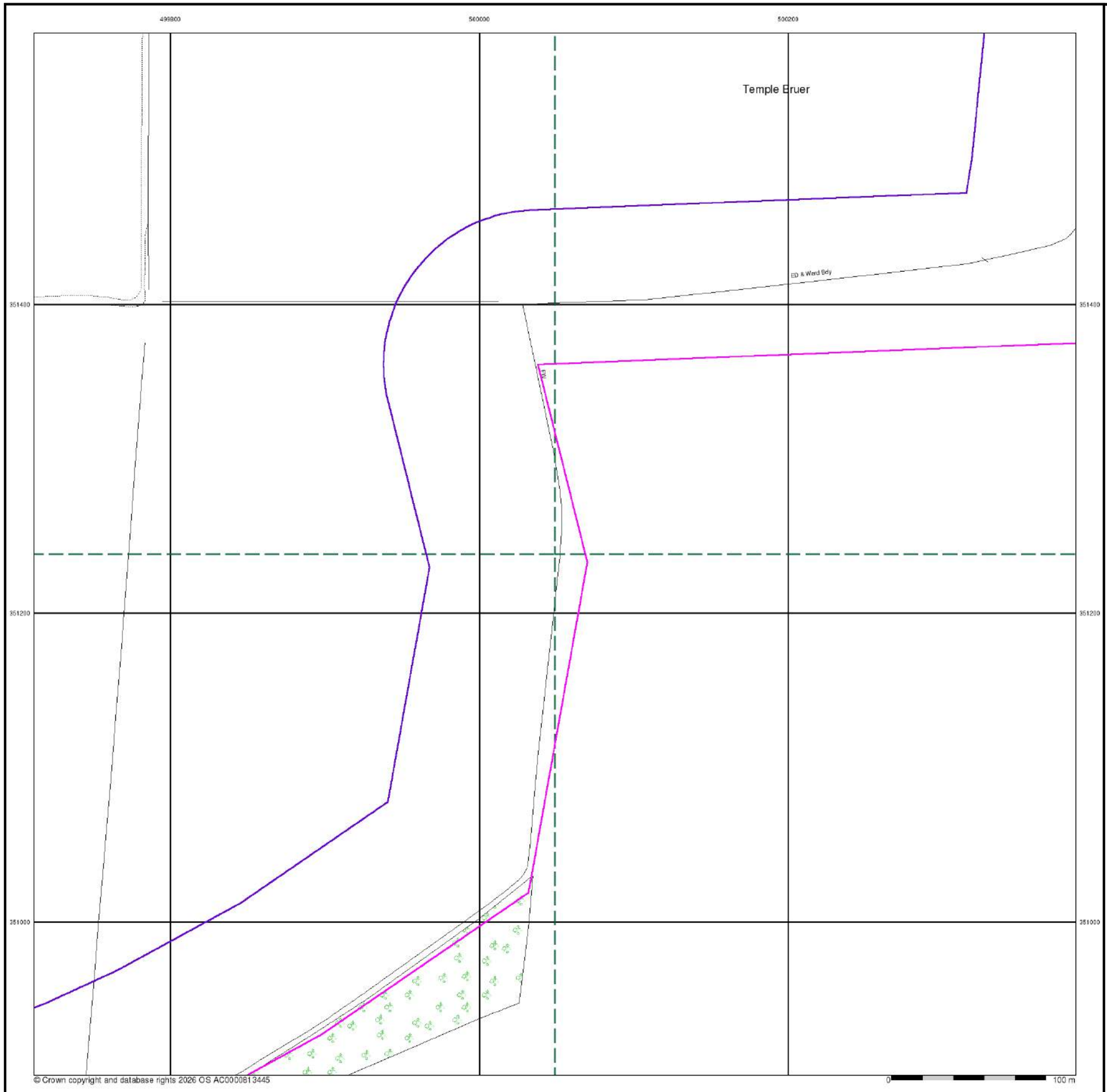
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Web: www.envirocheck.co.uk



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- Map ID
- Several of Type at Location
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Agency and Hydrological

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- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
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- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

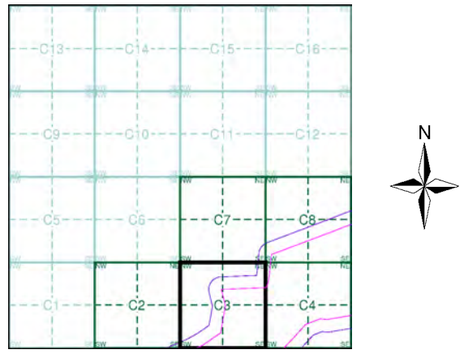
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
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- Registered Landfill Site (Location)
- 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
- Waste Exemption Permits

Site Sensitivity Map - Segment C3



Order Details

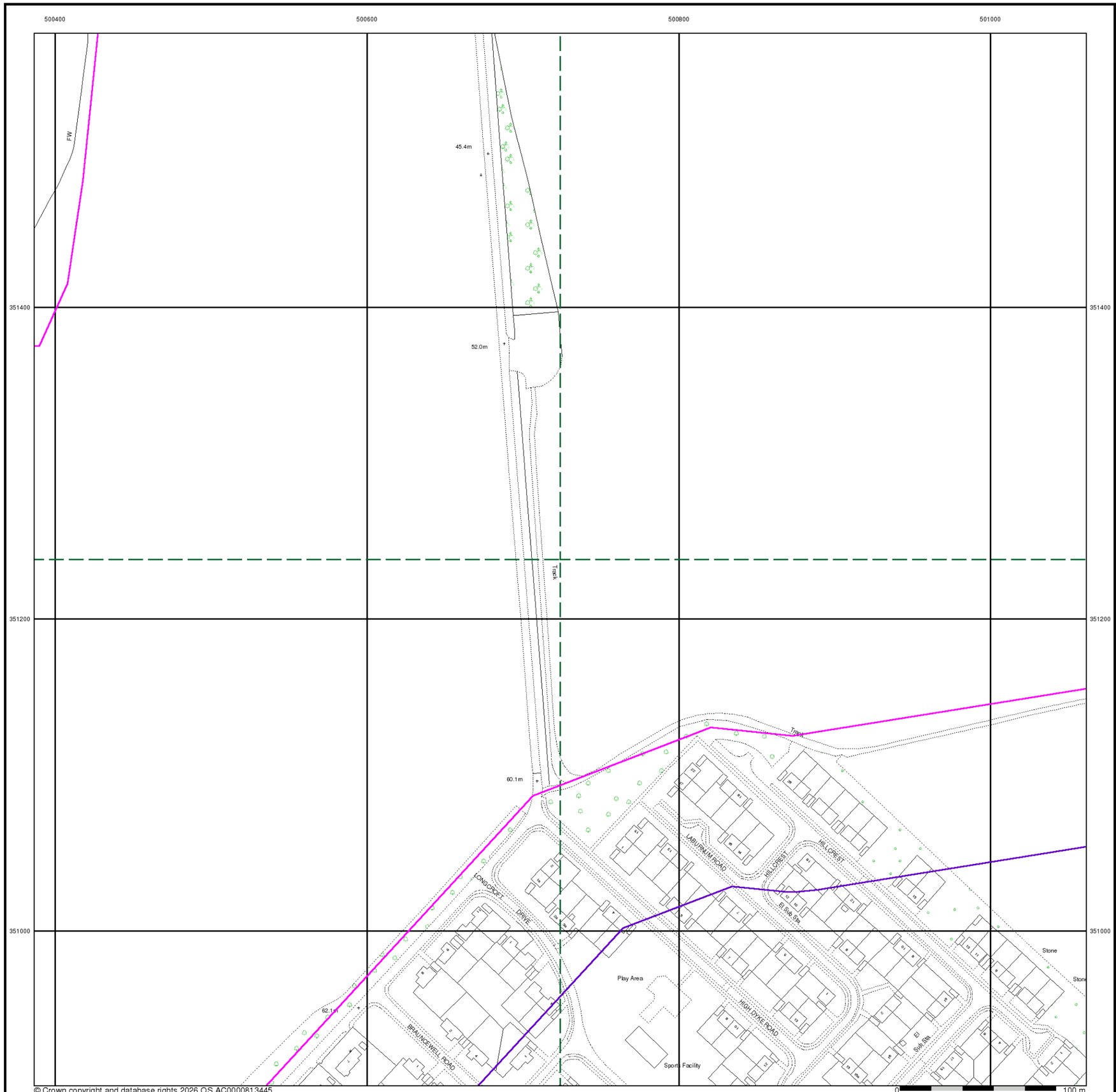
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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- 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
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- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
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- Prosecutions
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- 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

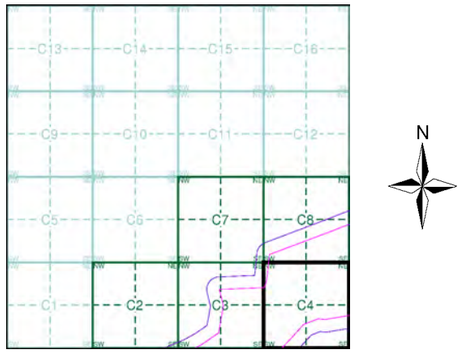
Geological

- 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
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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
- Waste Exemption Permits

Site Sensitivity Map - Segment C4



Order Details

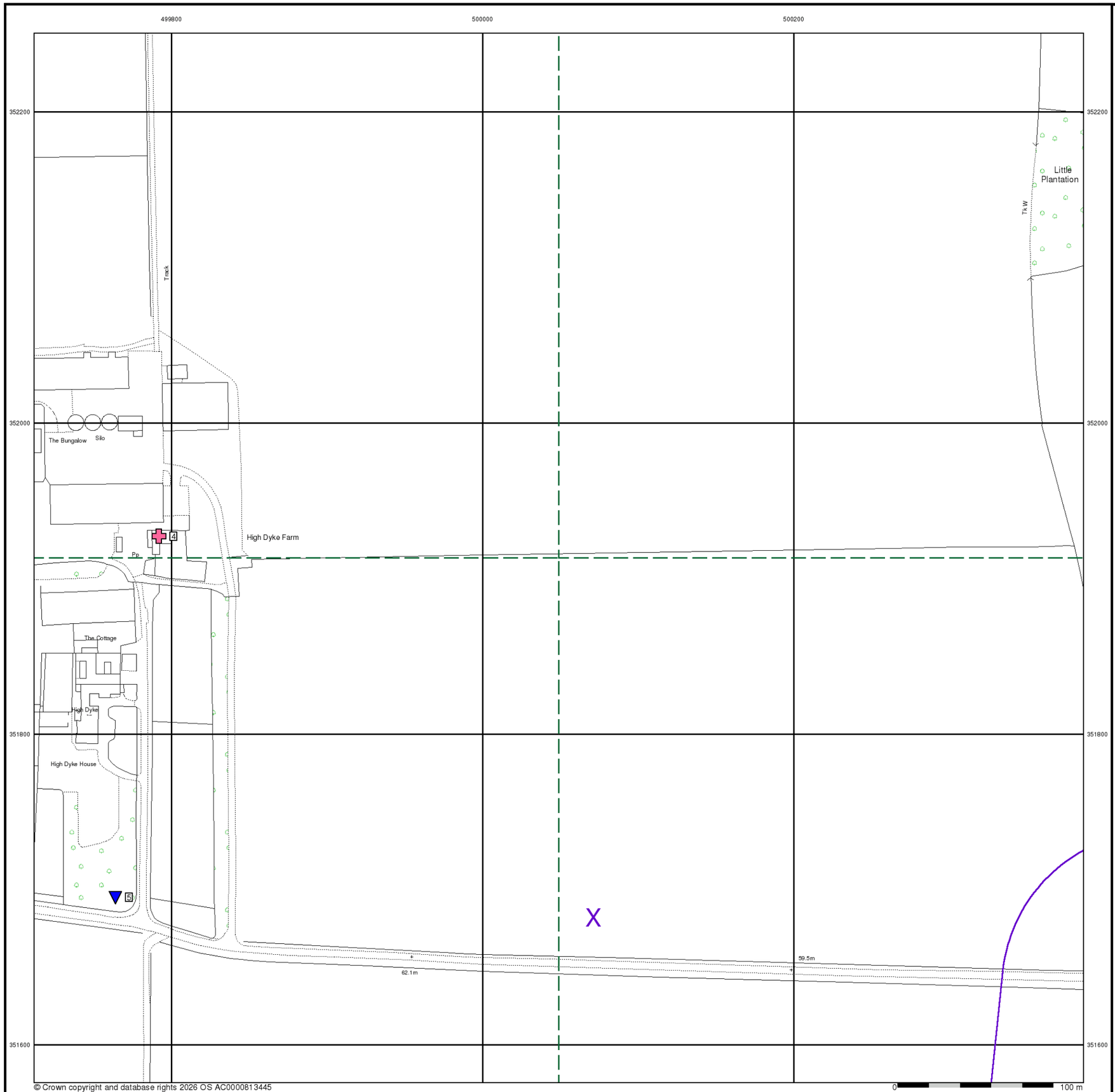
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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- 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
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- Prosecutions
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- River Network or Water Feature
- 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

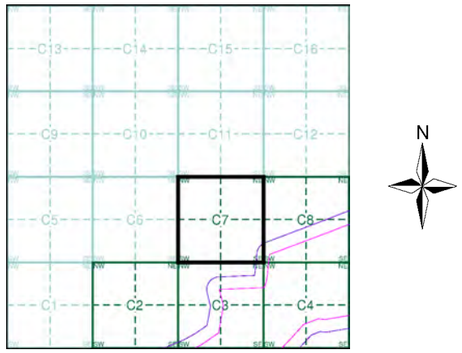
Geological

- 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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- Registered Landfill Site
- 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
- Waste Exemption Permits

Site Sensitivity Map - Segment C7



Order Details

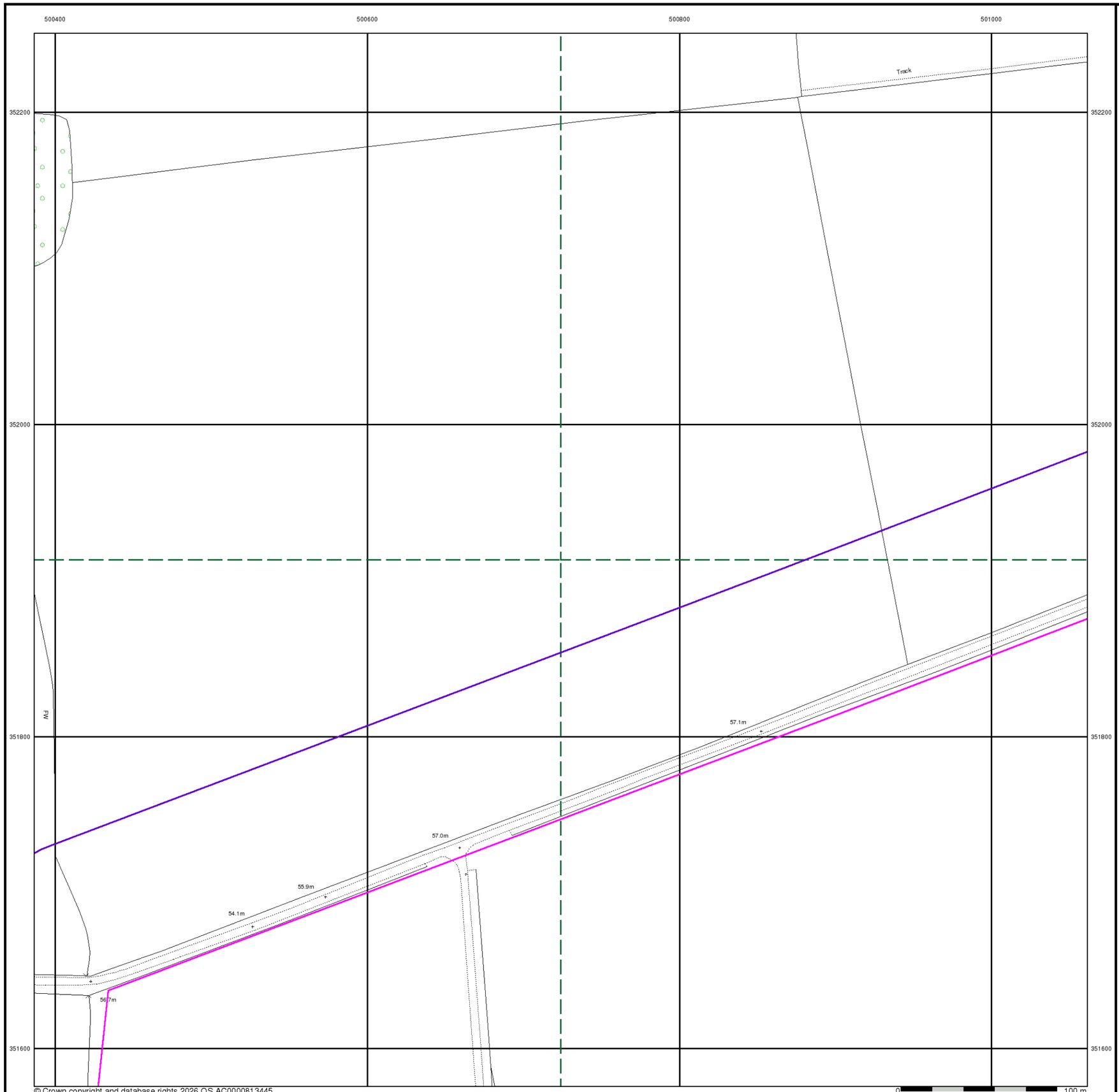
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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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)
- 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
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- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

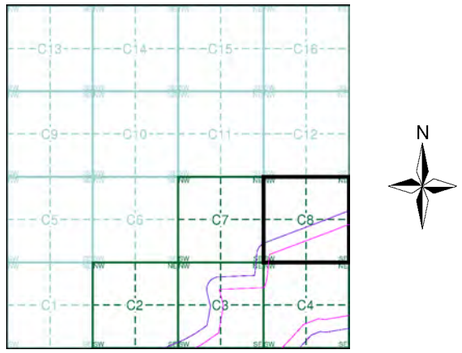
Geological

- 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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- Licenced Waste Management Facility (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
- Waste Exemption Permits

Site Sensitivity Map - Segment C8



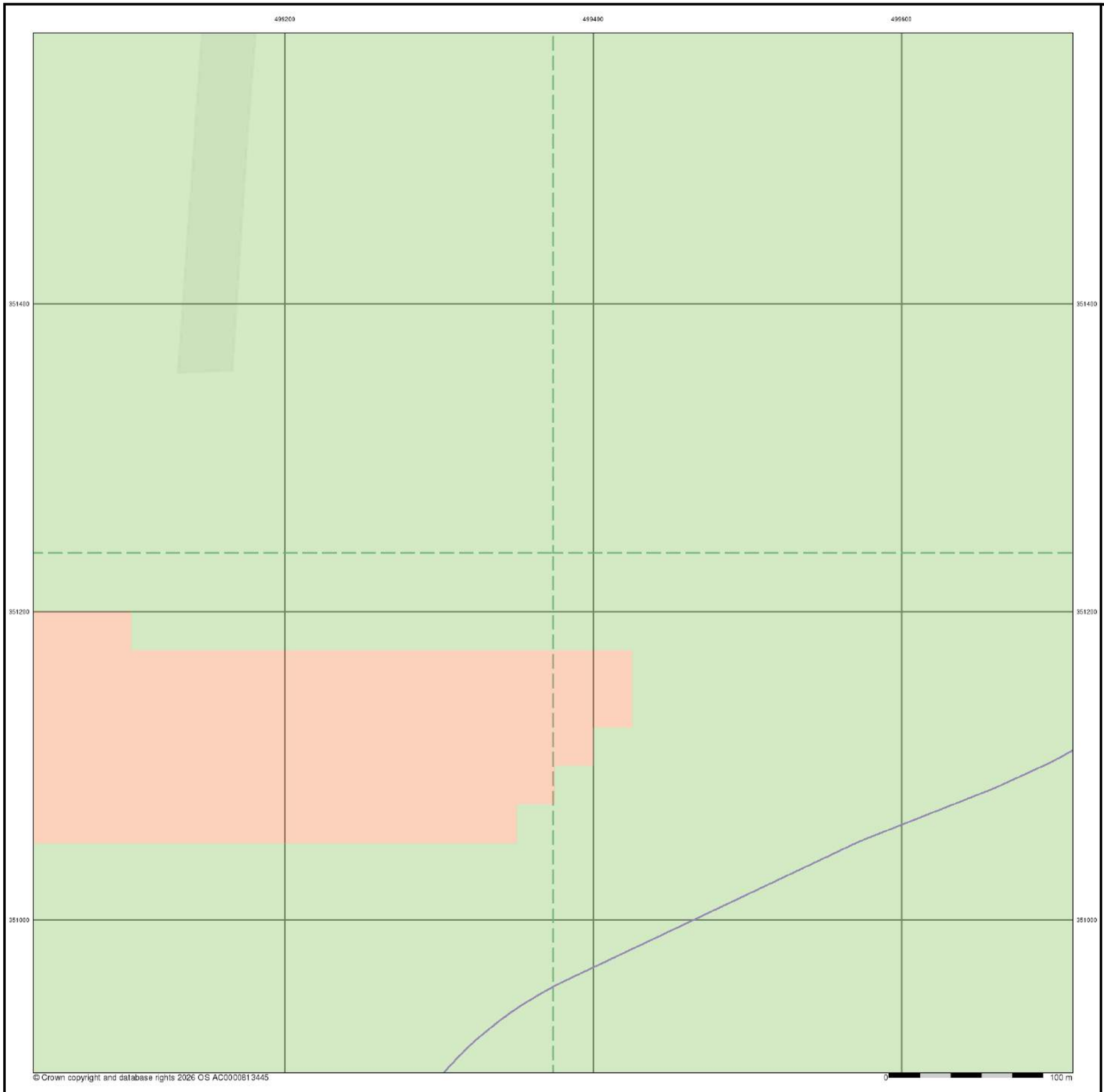
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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Radon Affected Areas and Protection Measures

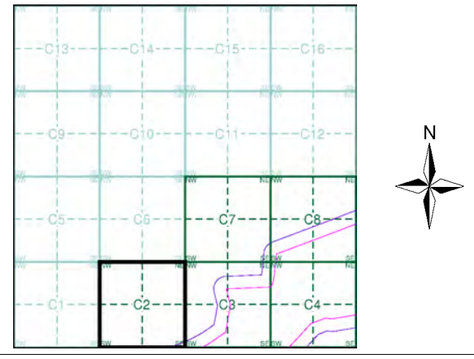
General

Specified Site Specified Buffer(s) X Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment C2



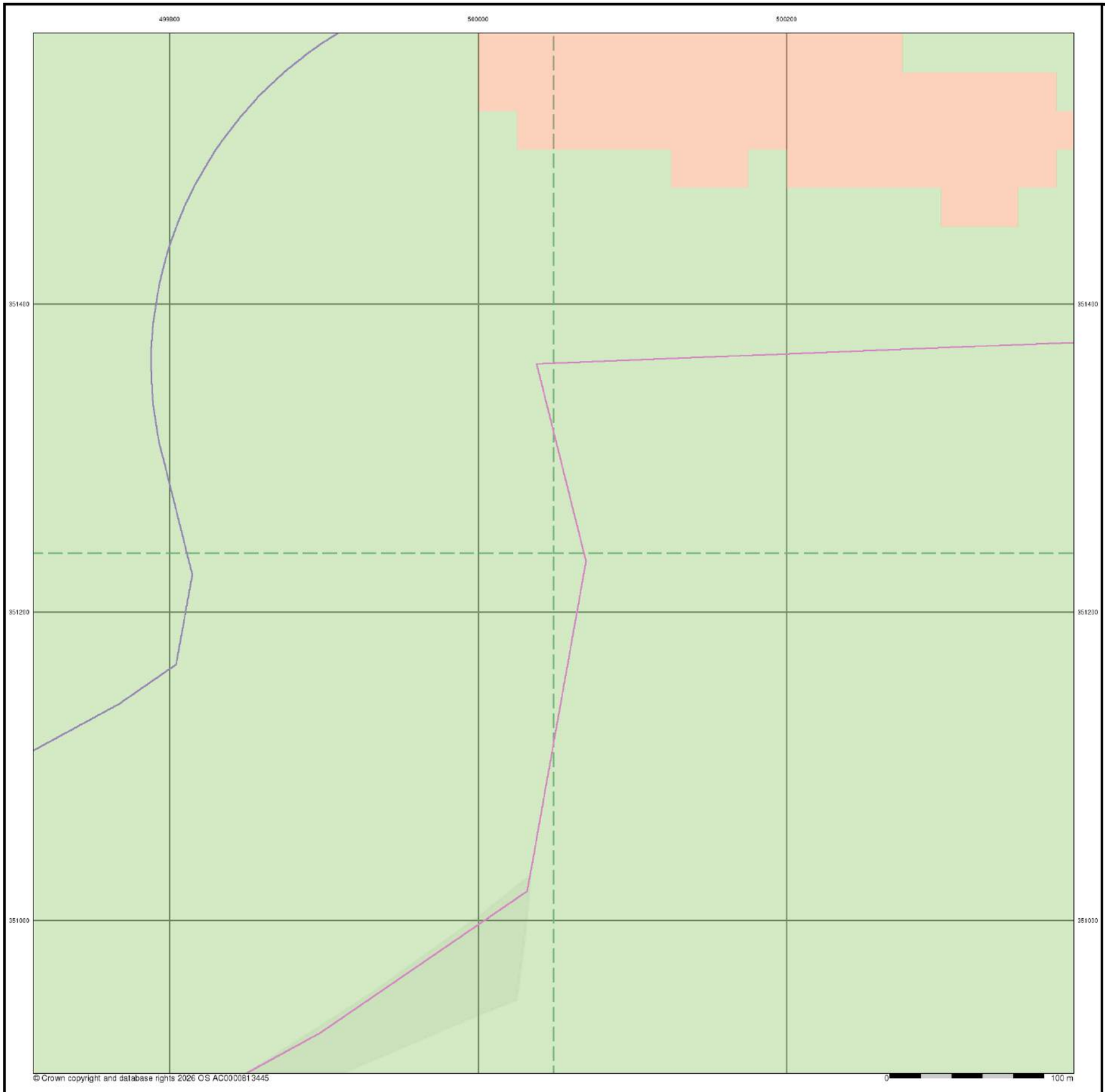
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

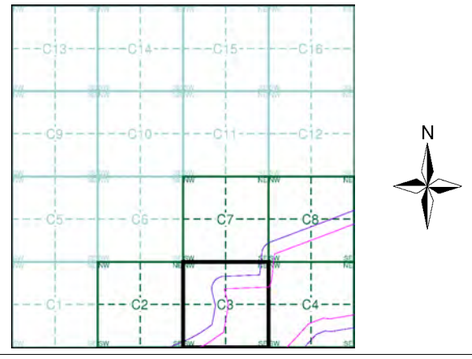
General

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

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment C3



Order Details

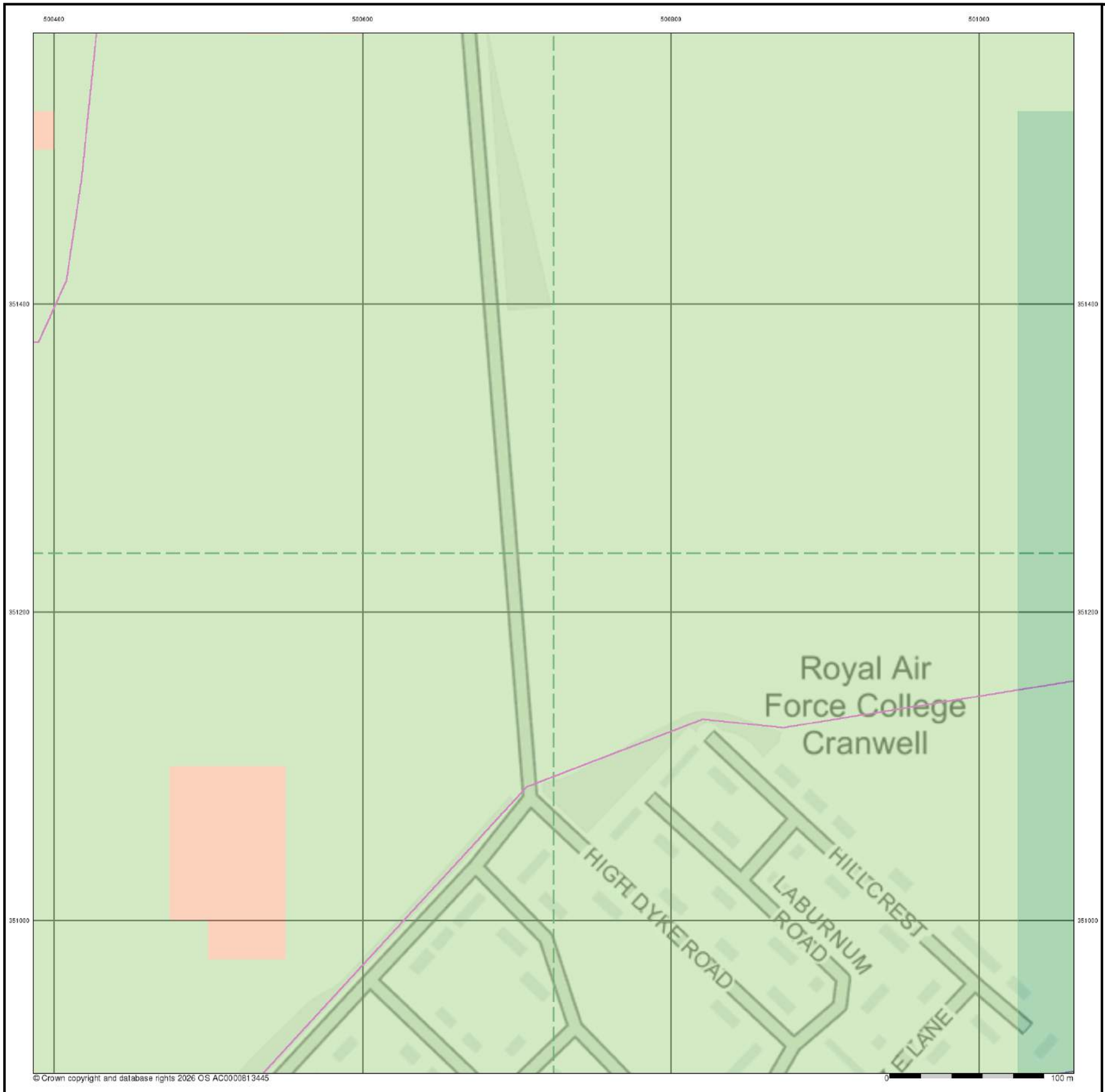
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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Radon Affected Areas and Protection Measures

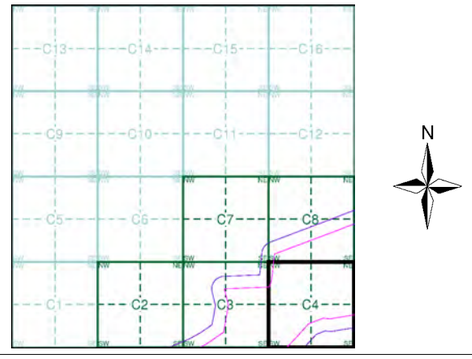
General

Specified Site Specified Buffer(s) X Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment C4

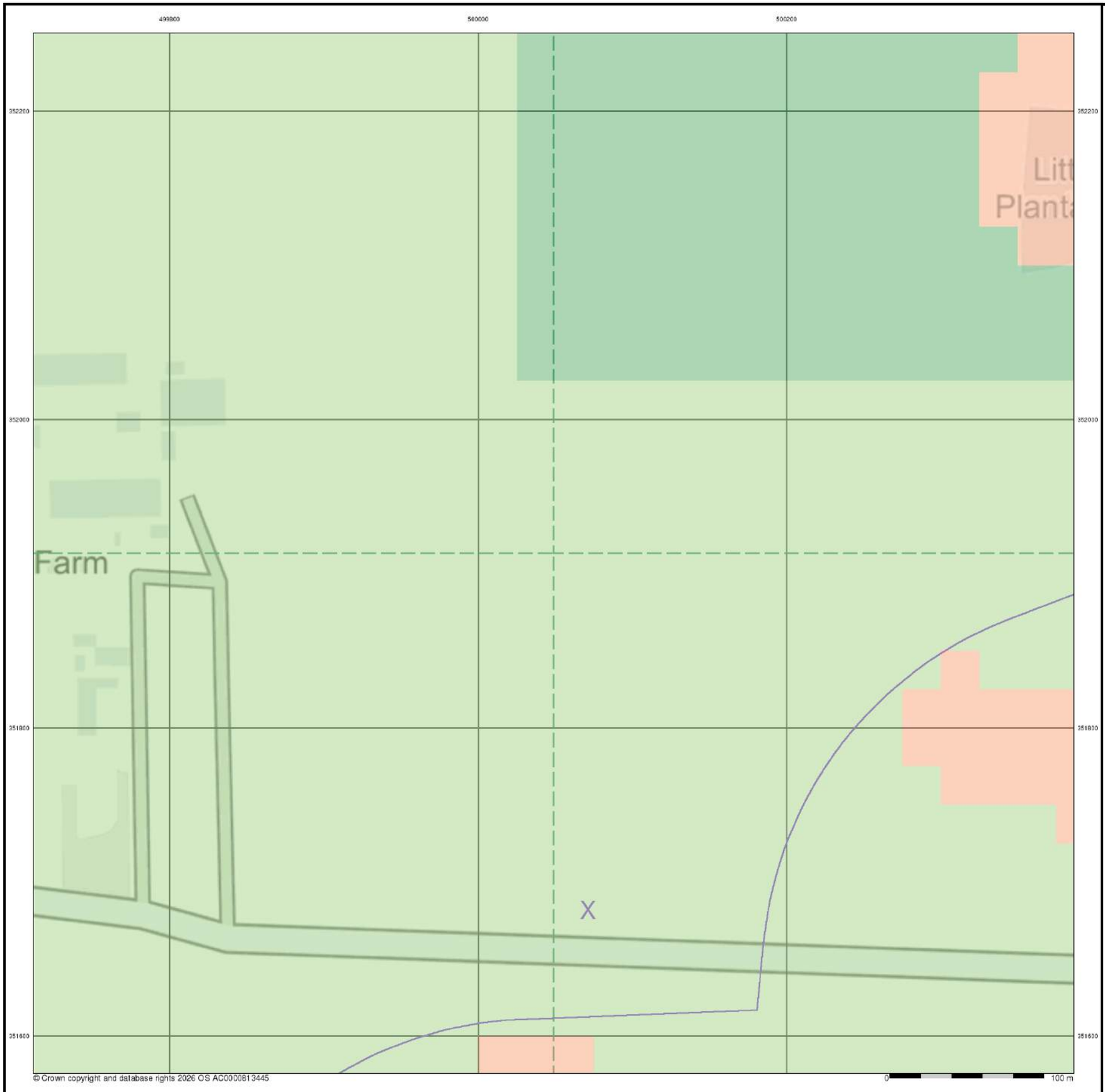


Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

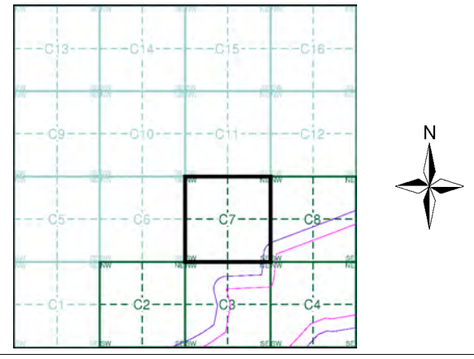
General

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

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment C7



Order Details

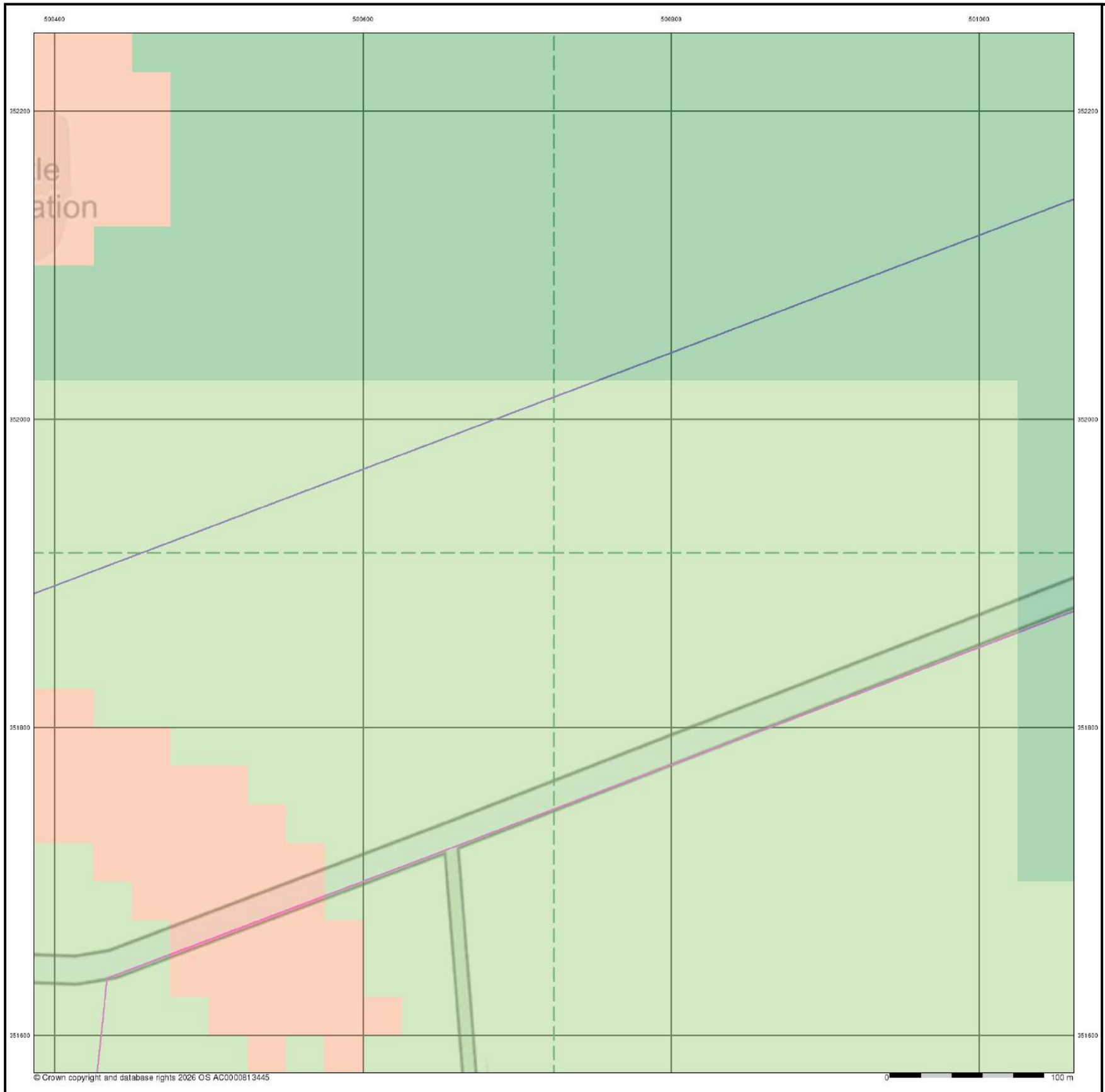
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Plot Buffer (m):	100

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Radon Affected Areas and Protection Measures

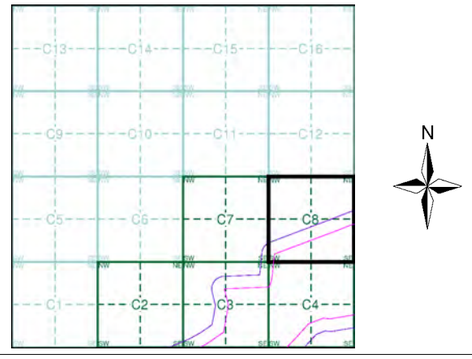
General

Specified Site Specified Buffer(s) X Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment C8



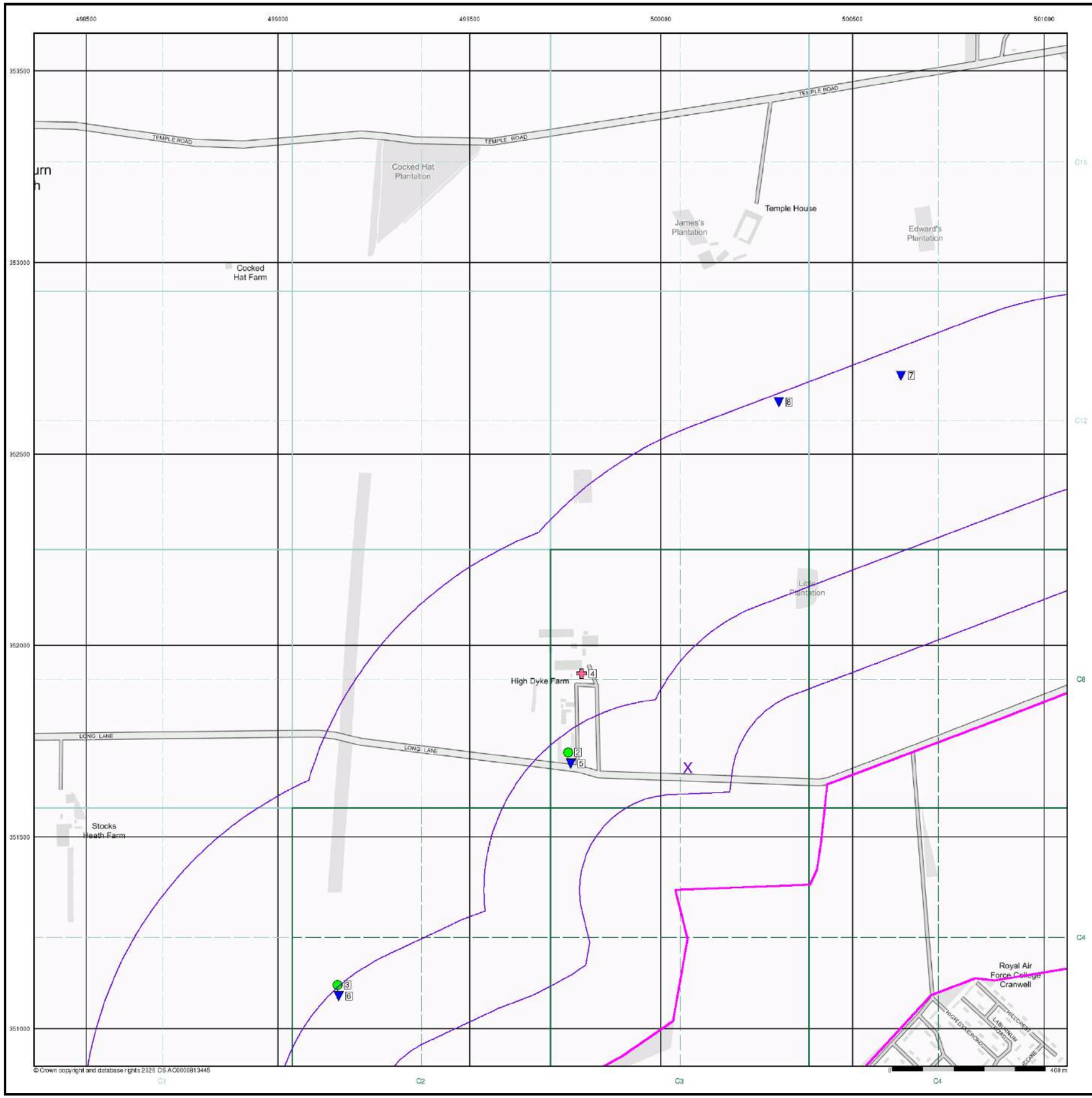
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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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
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

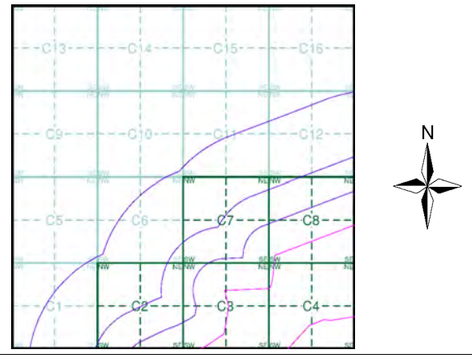
Geological

- 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
- Licenced Waste Management Facility (Landfill Boundary)
- Licenced 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
- Waste Exemption Permits

Site Sensitivity Map - Slice C



Order Details

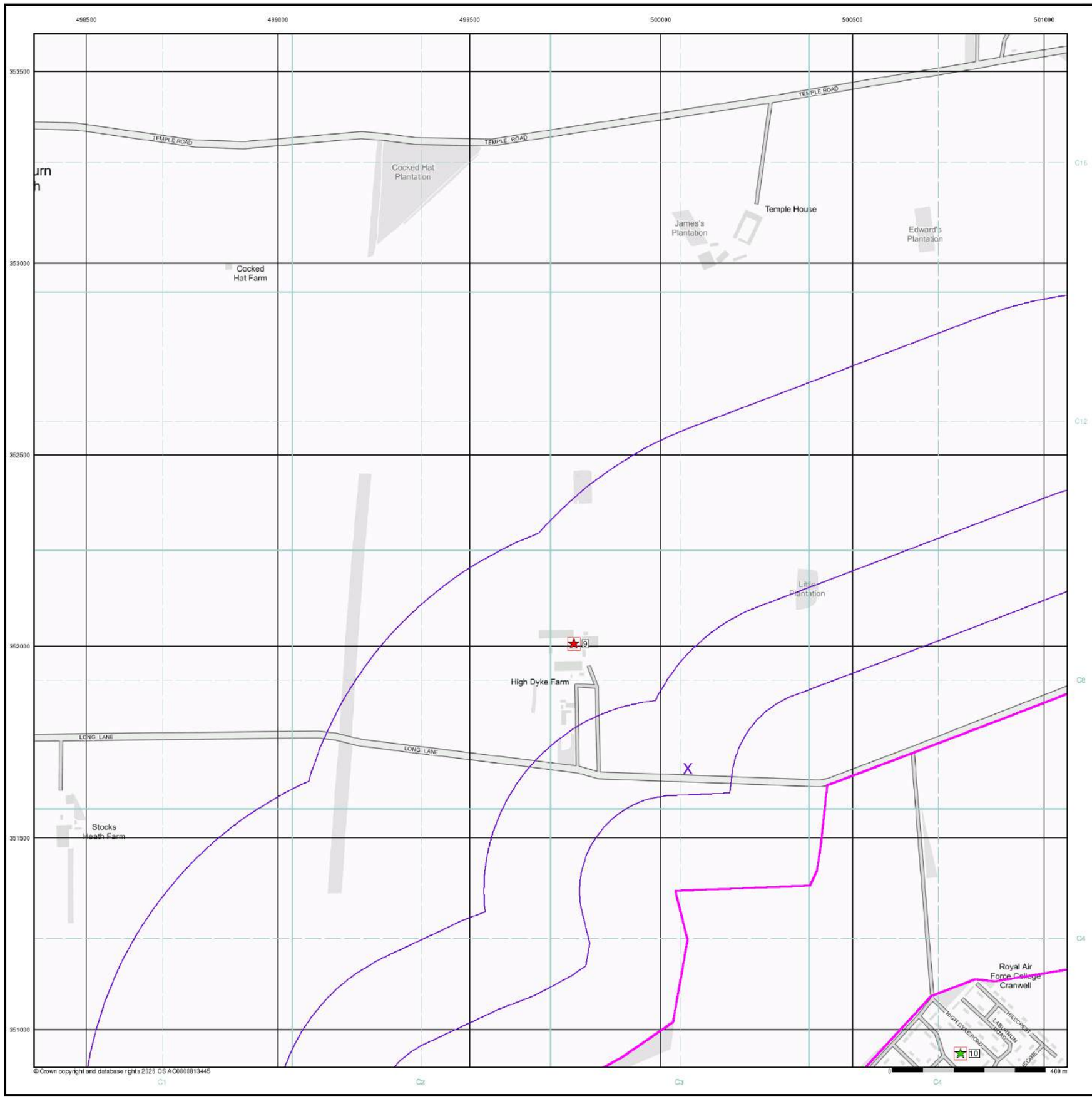
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Industrial Land Use Map

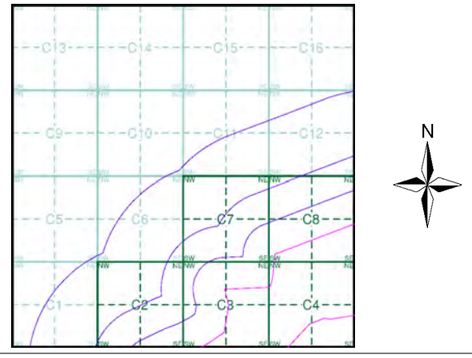
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- 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
- Pollution Inventory - Substances
- Pollution Inventory - Waste Transfers
- Pollution Inventory - Radioactive Waste
- Underground Electrical Cables

Industrial Land Use Map - Slice C



Order Details

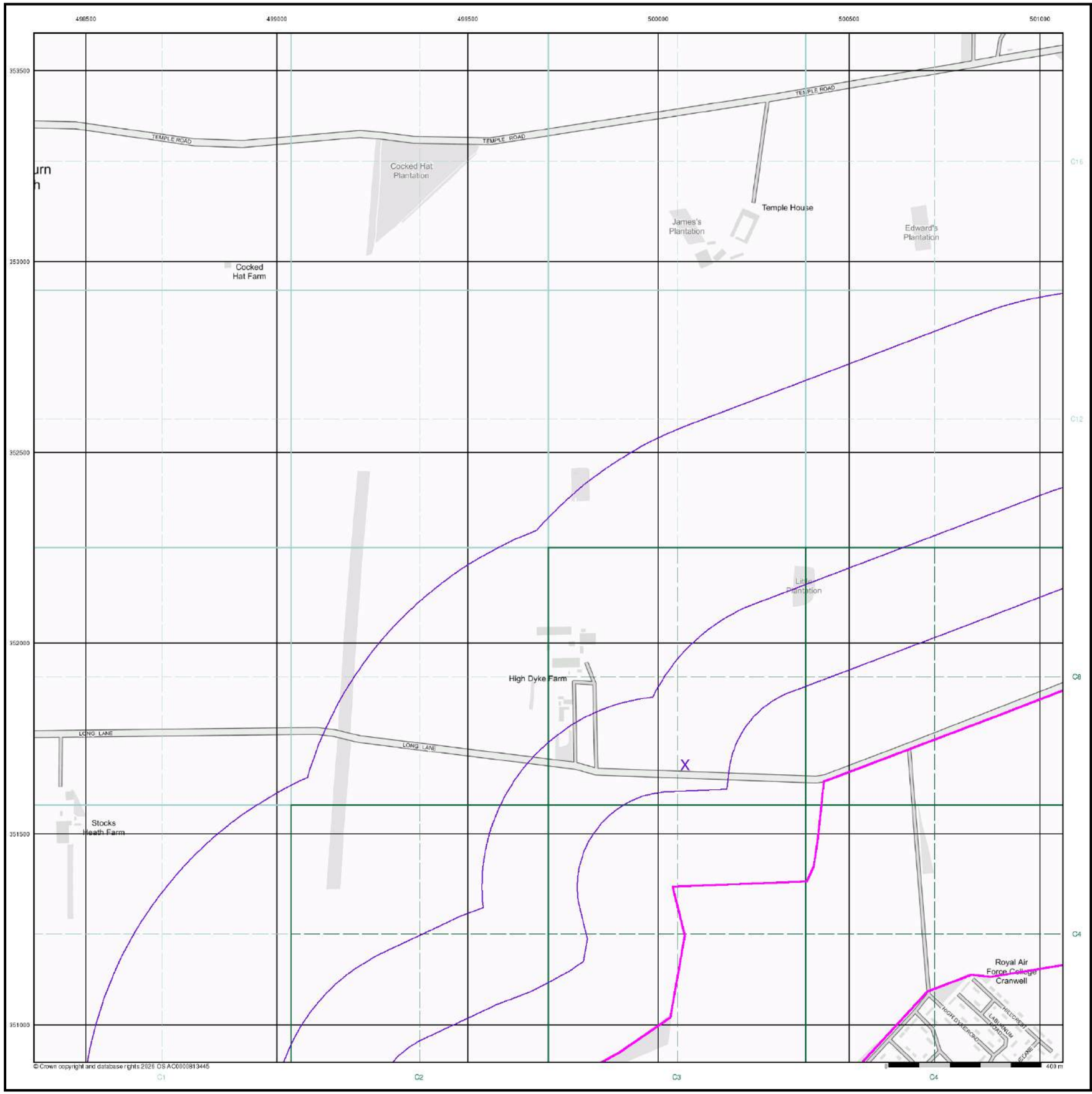
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
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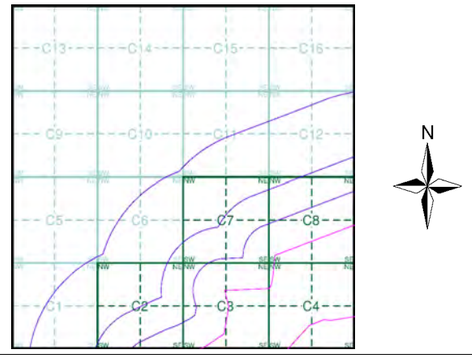
General

- Specified Site
- Specified Buffer(s)
- 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



Order Details

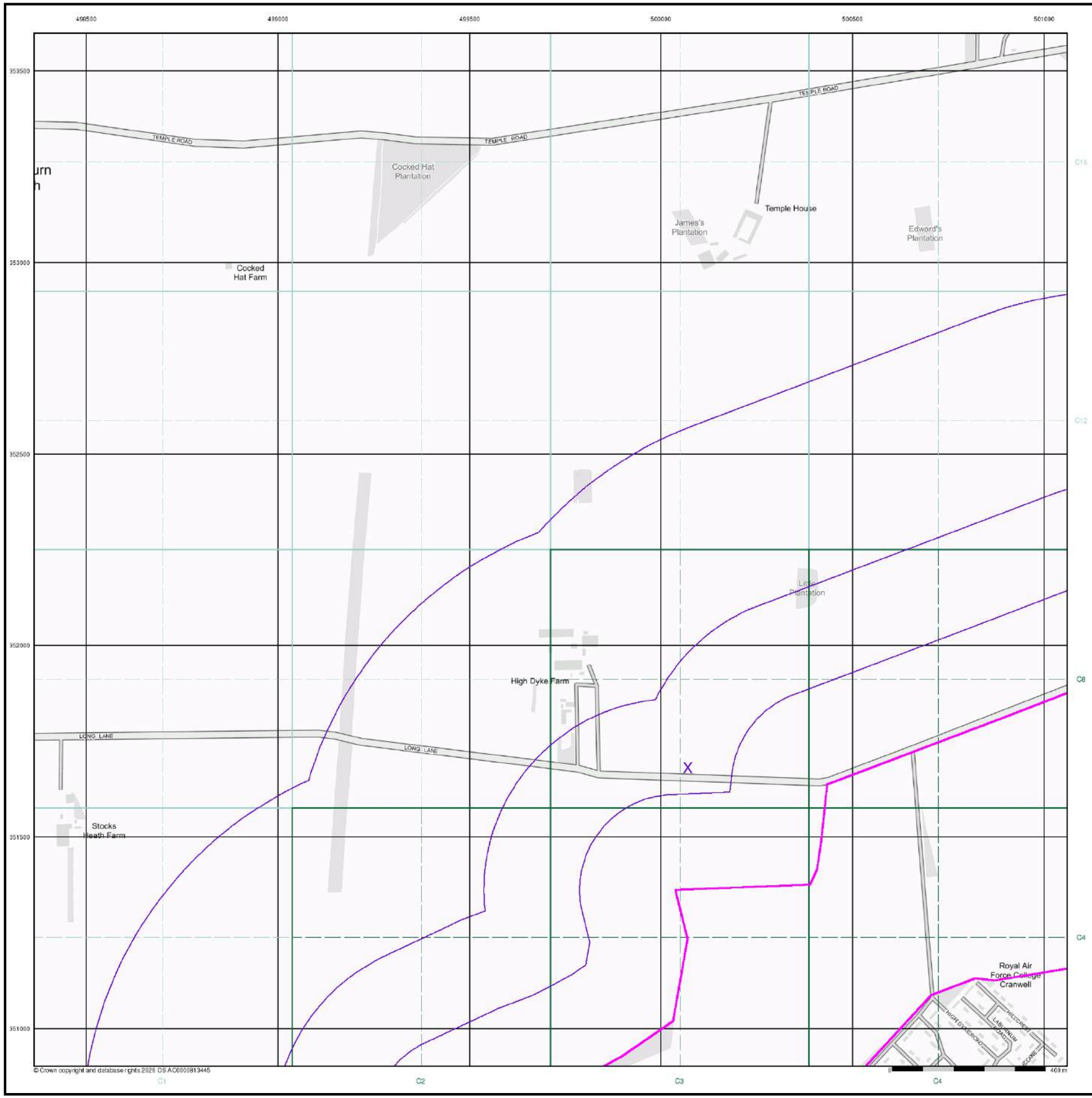
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
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General

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

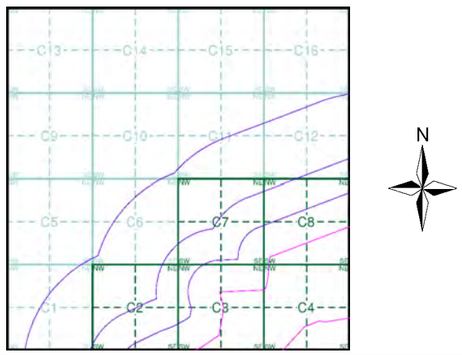
Agency and Hydrological (Boreholes)

- 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

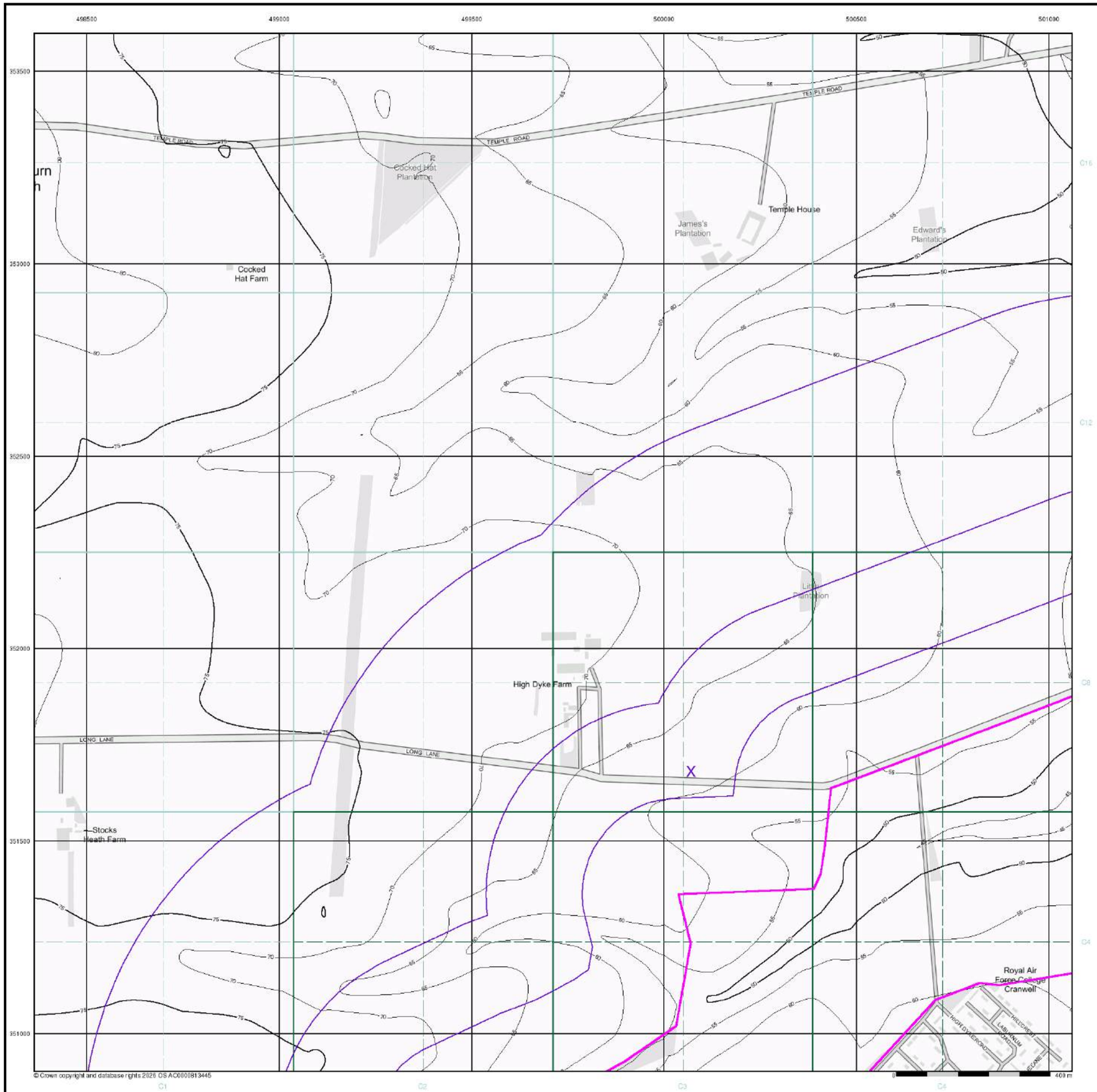


Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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General

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

OS NGD Water Network Links Data

- Canal
- Canal Feeder
- Reservoir
- Foreshore
- Marsh
- Watercourse
- Overflow
- Drain
- Other
- Still Water
- Leat
- Lock
- Sea

Contours (height in metres)

Standard Contour 105 100 95

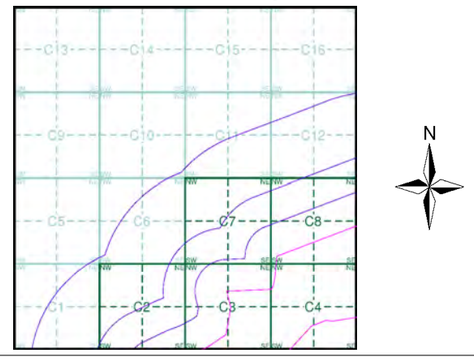
Master Contour

Spot Height 167.3

MLW Mean Low Water

MHW Mean High Water

OS NGD Water Network Map - Slice C



Order Details

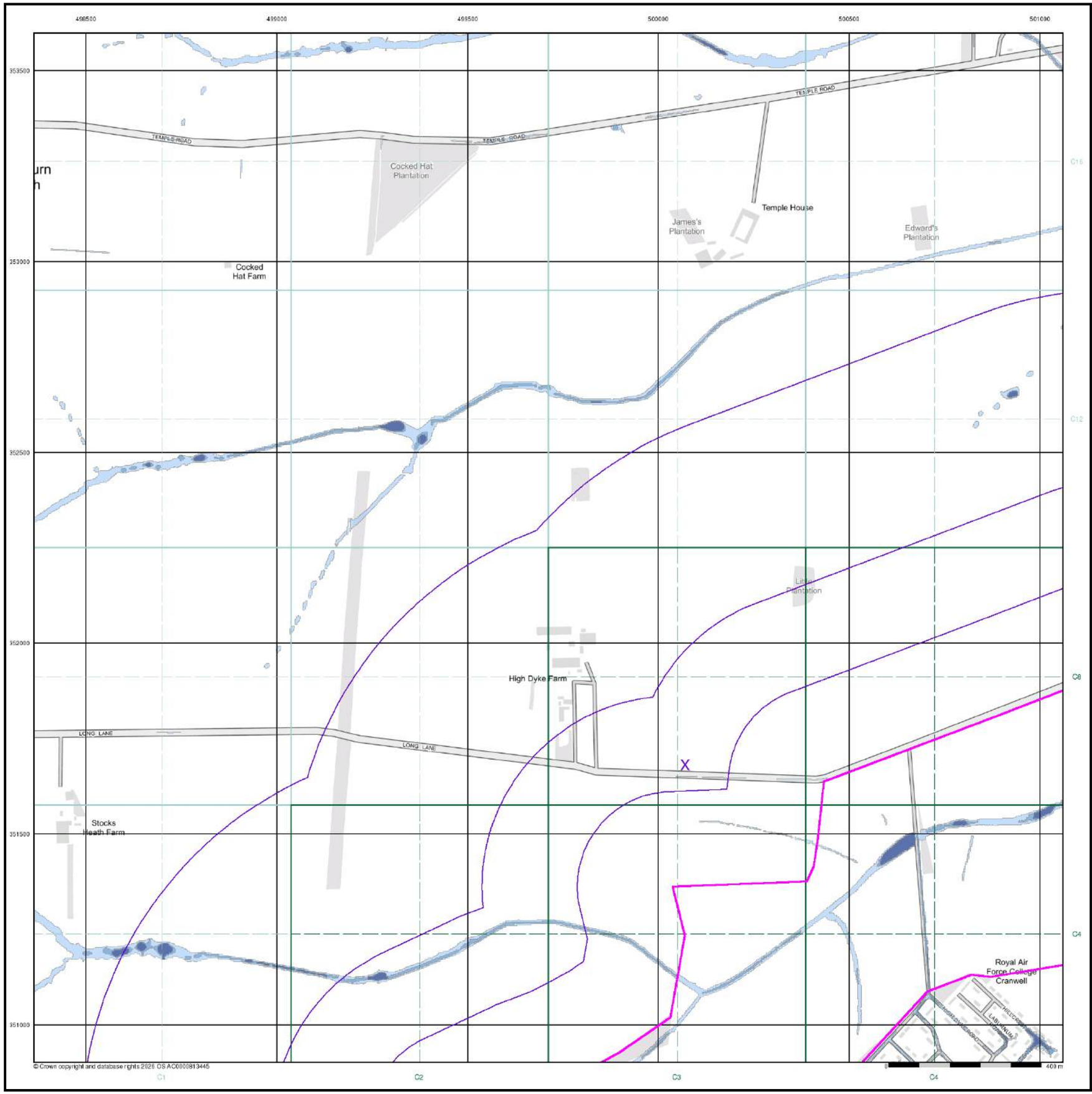
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
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General

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

Risk of Flooding from Surface Water

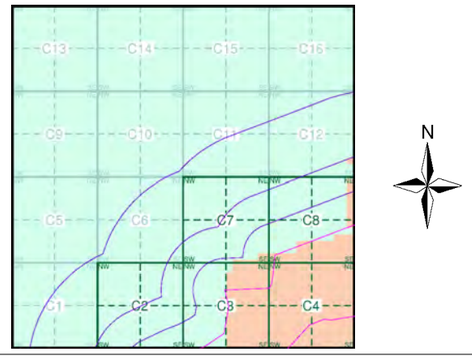
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

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

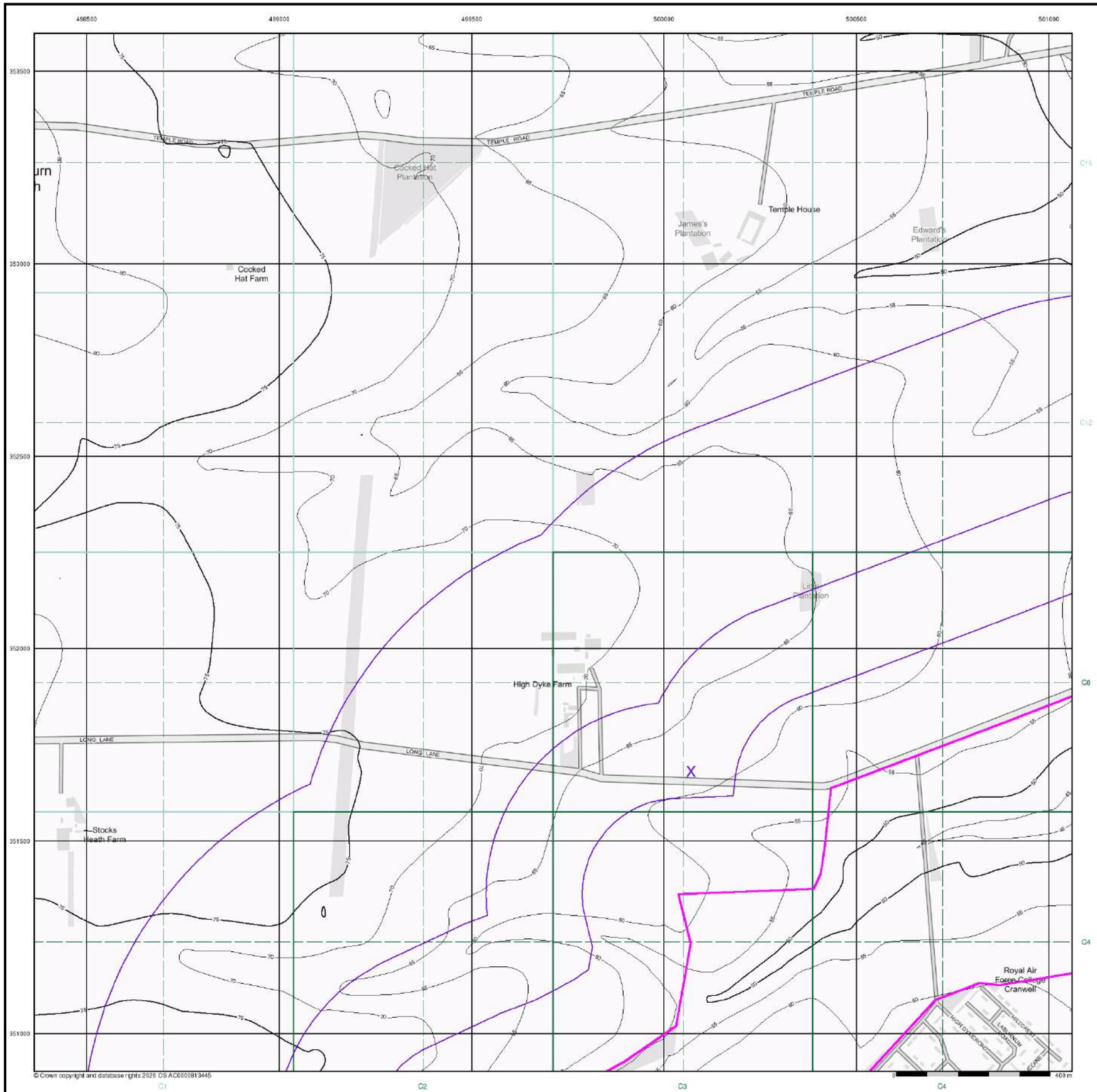
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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WFD Surface Waters Map

General

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

Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

Contours (height in meters)

Standard Contour 105

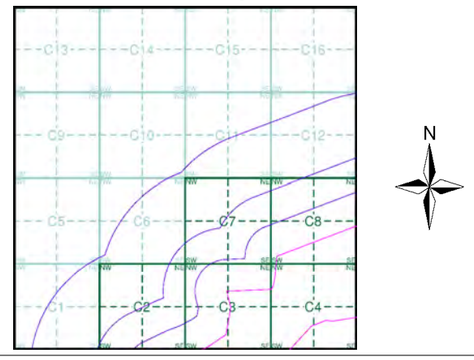
Master Contour 100 95

Spot Height * 167.3

MLW Mean Low Water

MHW Mean High Water

WFD Surface Waters Map - Slice C



Order Details

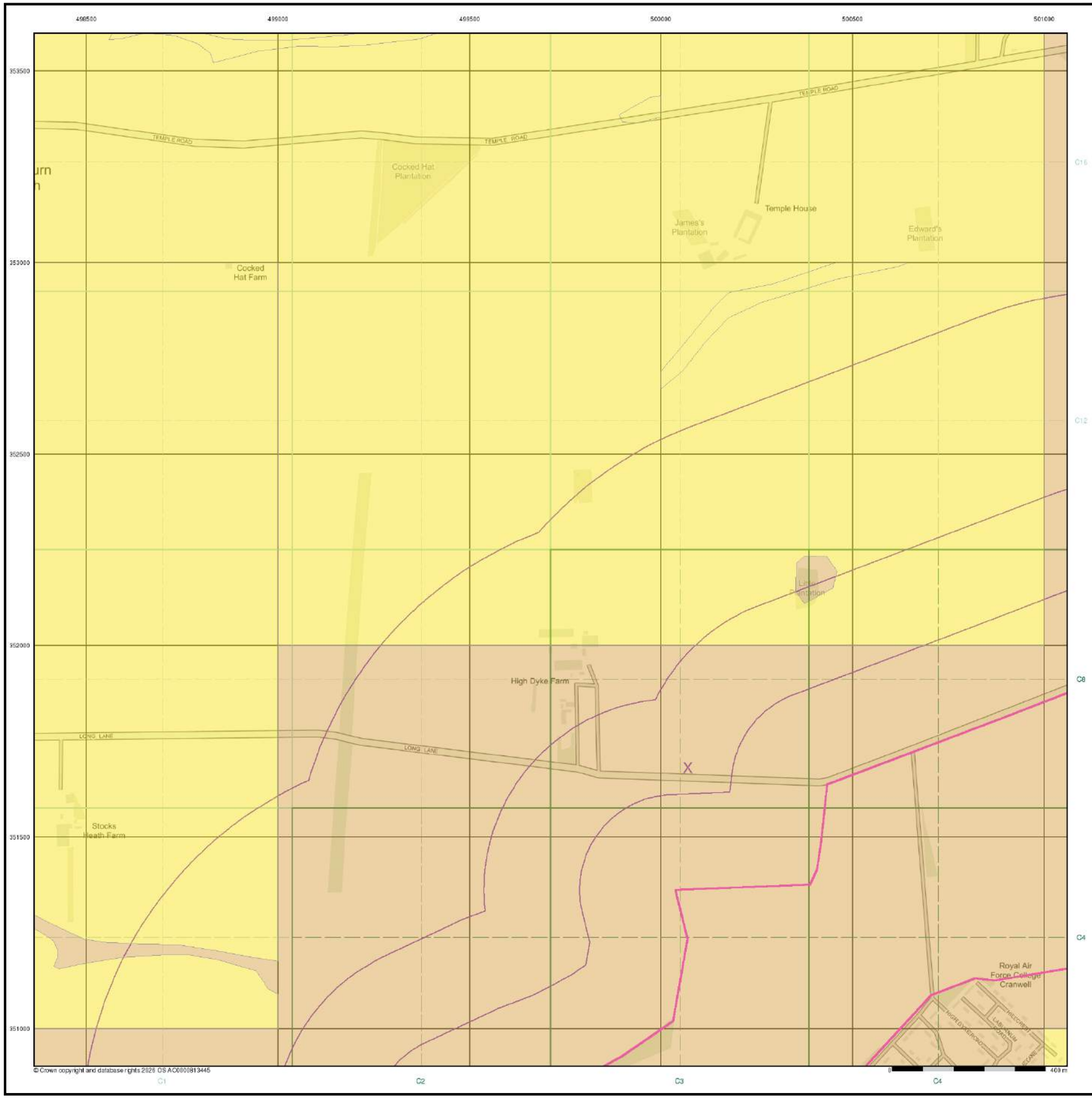
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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General

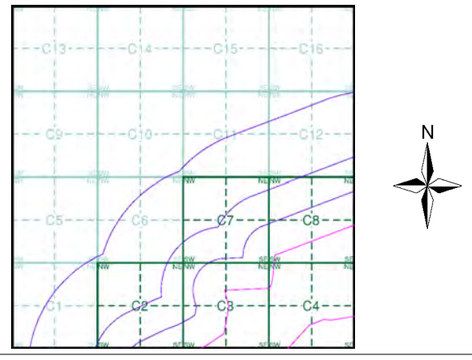
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

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

Estimated Soil Chemistry Arsenic - Slice C



Order Details

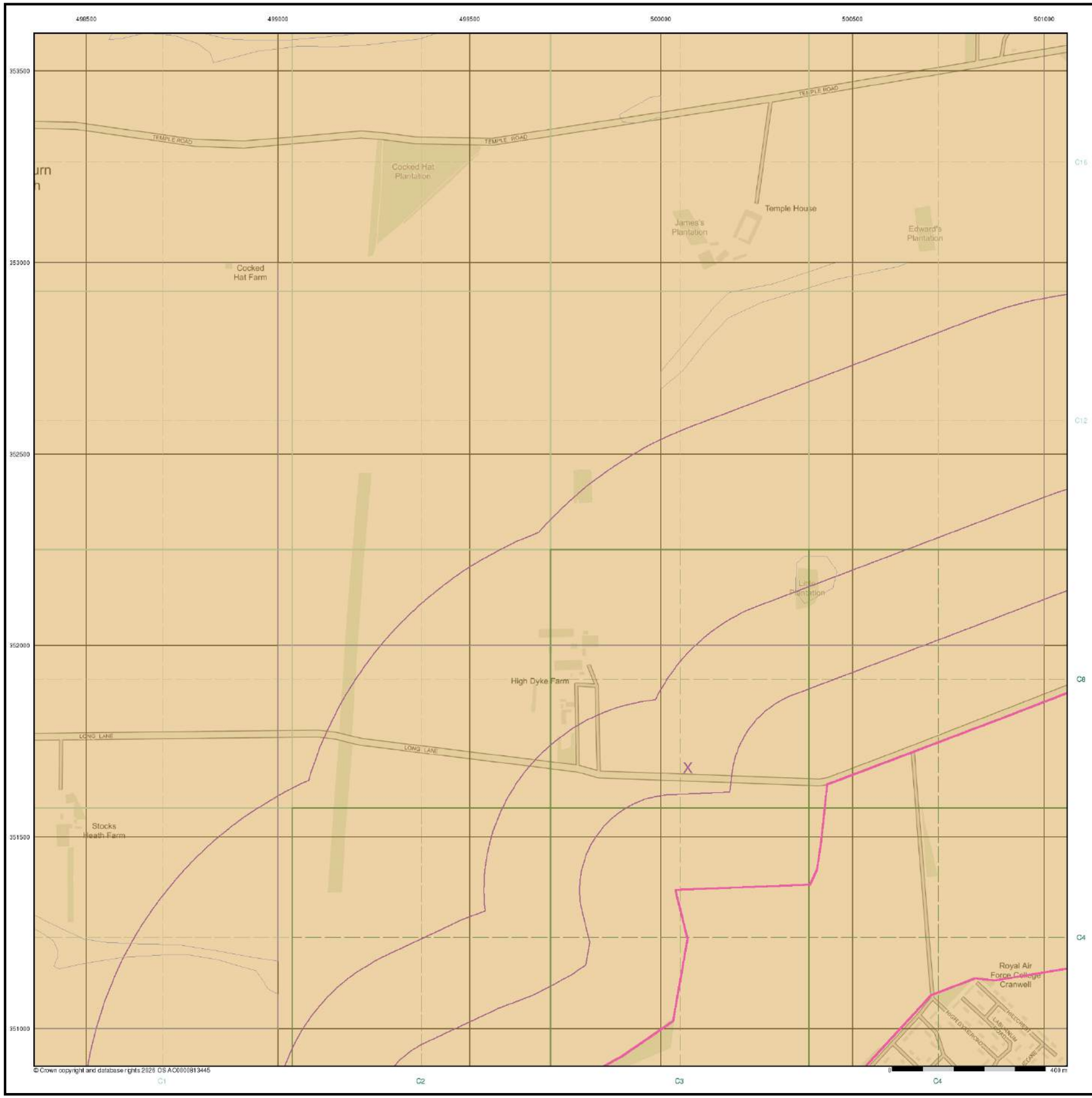
Order Details:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	1000

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General

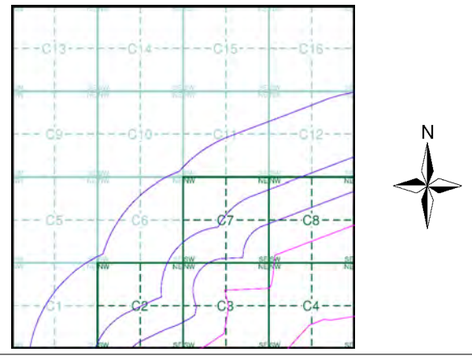
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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

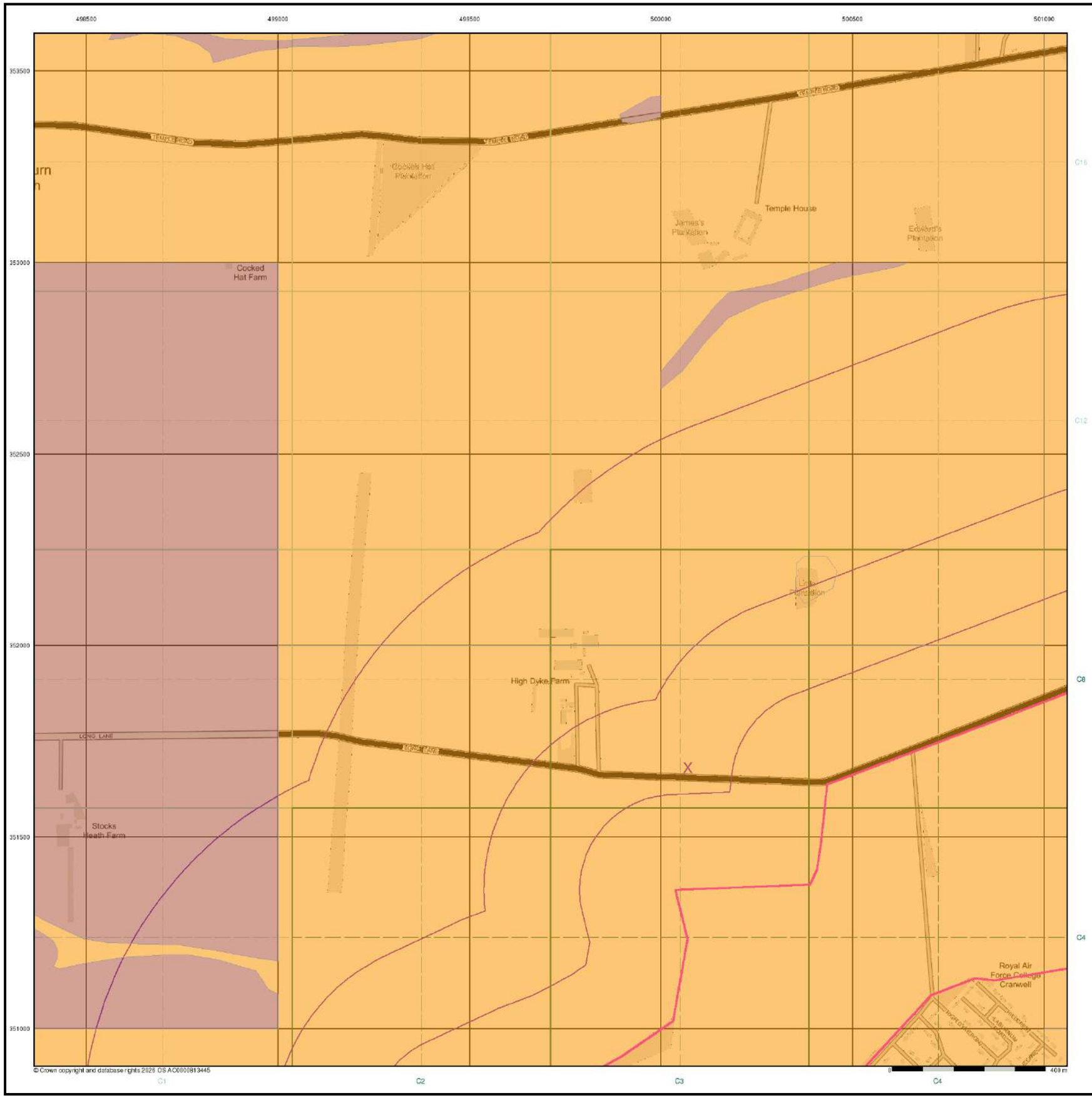
Order Details:	406246422_1_1
Customer Ref:	323777
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General

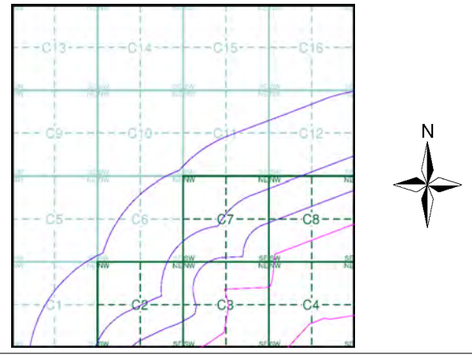
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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

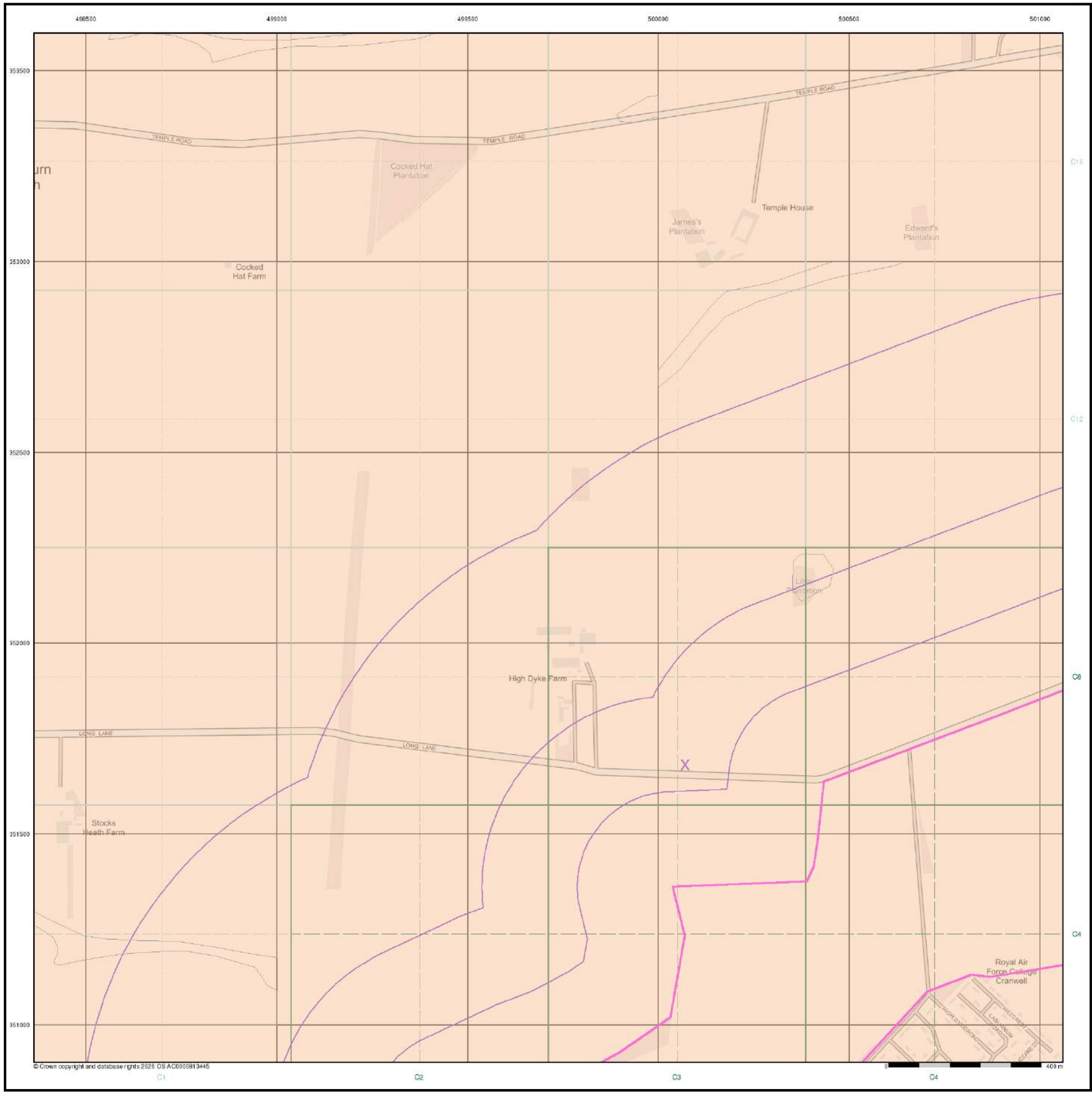
Order Details:	406246422_1_1
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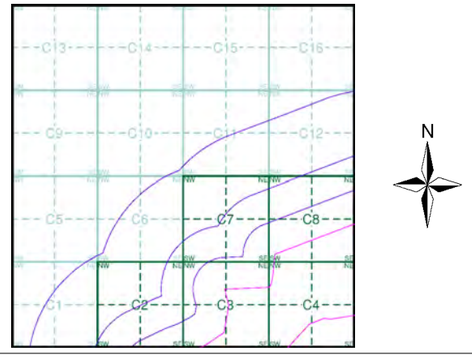
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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

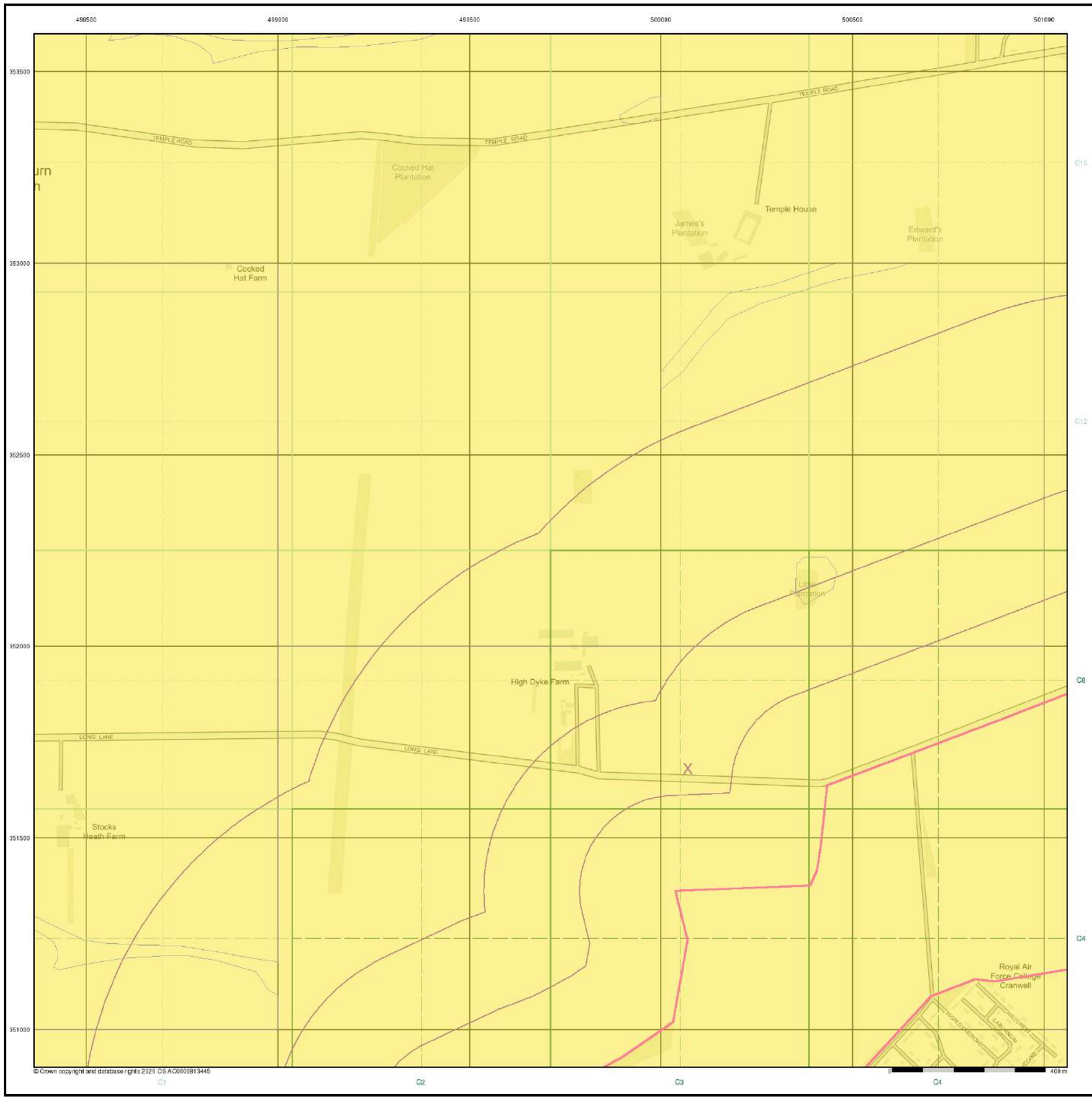


Order Details

Order Details:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH



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General

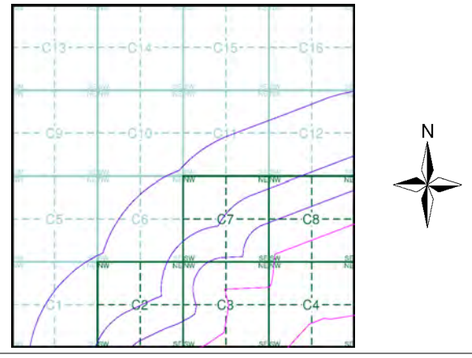
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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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

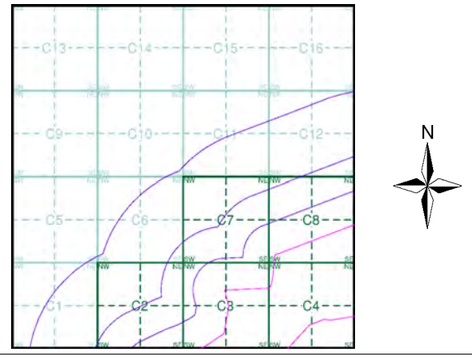
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community 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
Lincolnshire	1:10,560	1887	2
Lincolnshire	1:10,560	1905	3
Lincolnshire	1:10,560	1947	4
Ordnance Survey Plan	1:10,000	1956	5
Ordnance Survey Plan	1:10,000	1984 - 1985	6
10K Raster Mapping	1:10,000	2000	7
10K Raster Mapping	1:10,000	2006	8
VectorMap Local	1:10,000	2026	9

Historical Map - Slice C



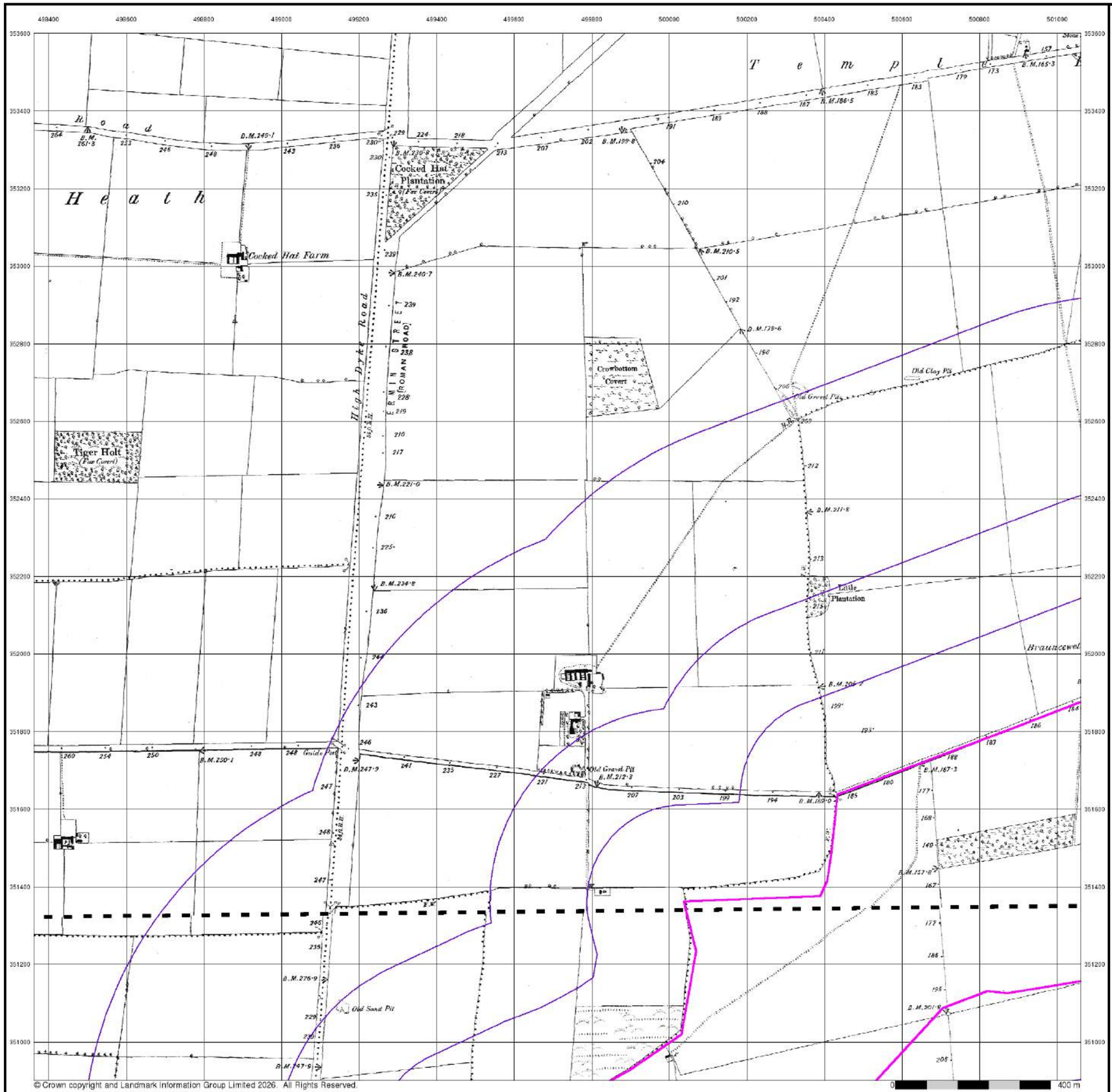
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Slice: C
Site Area (Ha): 259.07
Search Buffer (m): 1000

Site Details

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Lincolnshire

Published 1887

Source map scale - 1:10,560

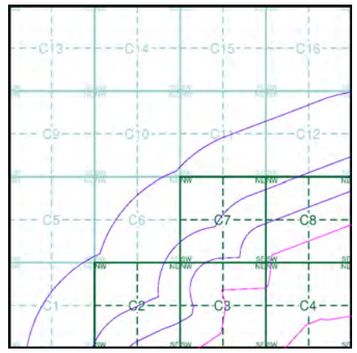
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

096NE
1887
1:10,560

096SE
1887
1:10,560

Historical Map - Slice C

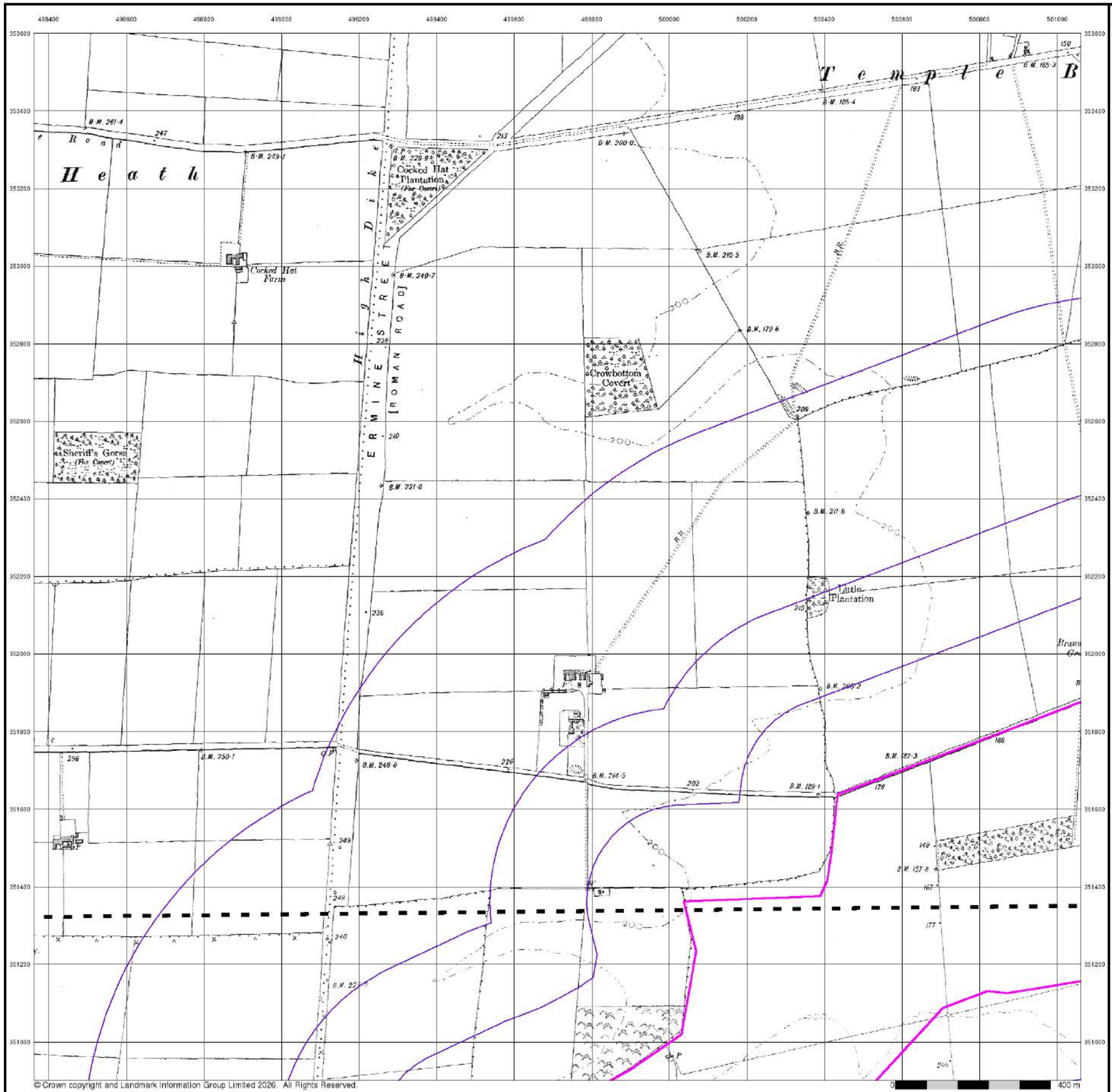


Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Lincolnshire

Published 1905

Source map scale - 1:10,560

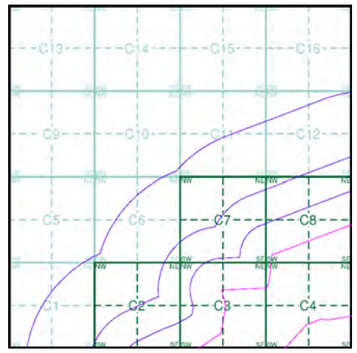
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

096NE
1905
1:10,560

096SE
1905
1:10,560

Historical Map - Slice C



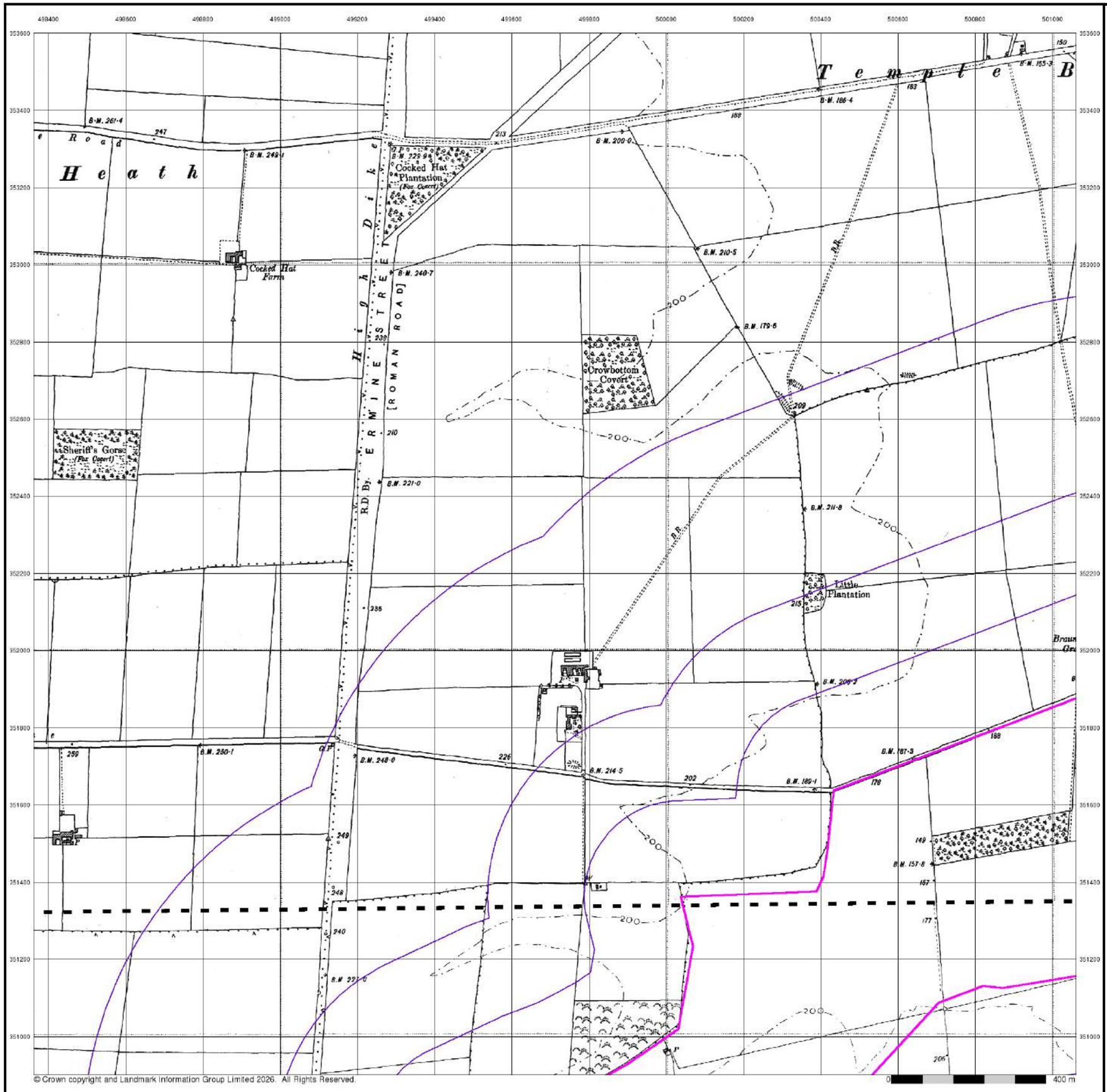
Order Details

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National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	1000

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Lincolnshire

Published 1947

Source map scale - 1:10,560

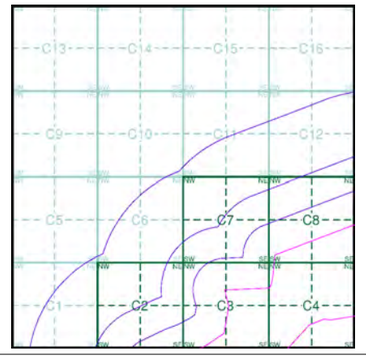
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)

096NE
1947
1:10,560

096SE
1947
1:10,560

Historical Map - Slice C



Order Details

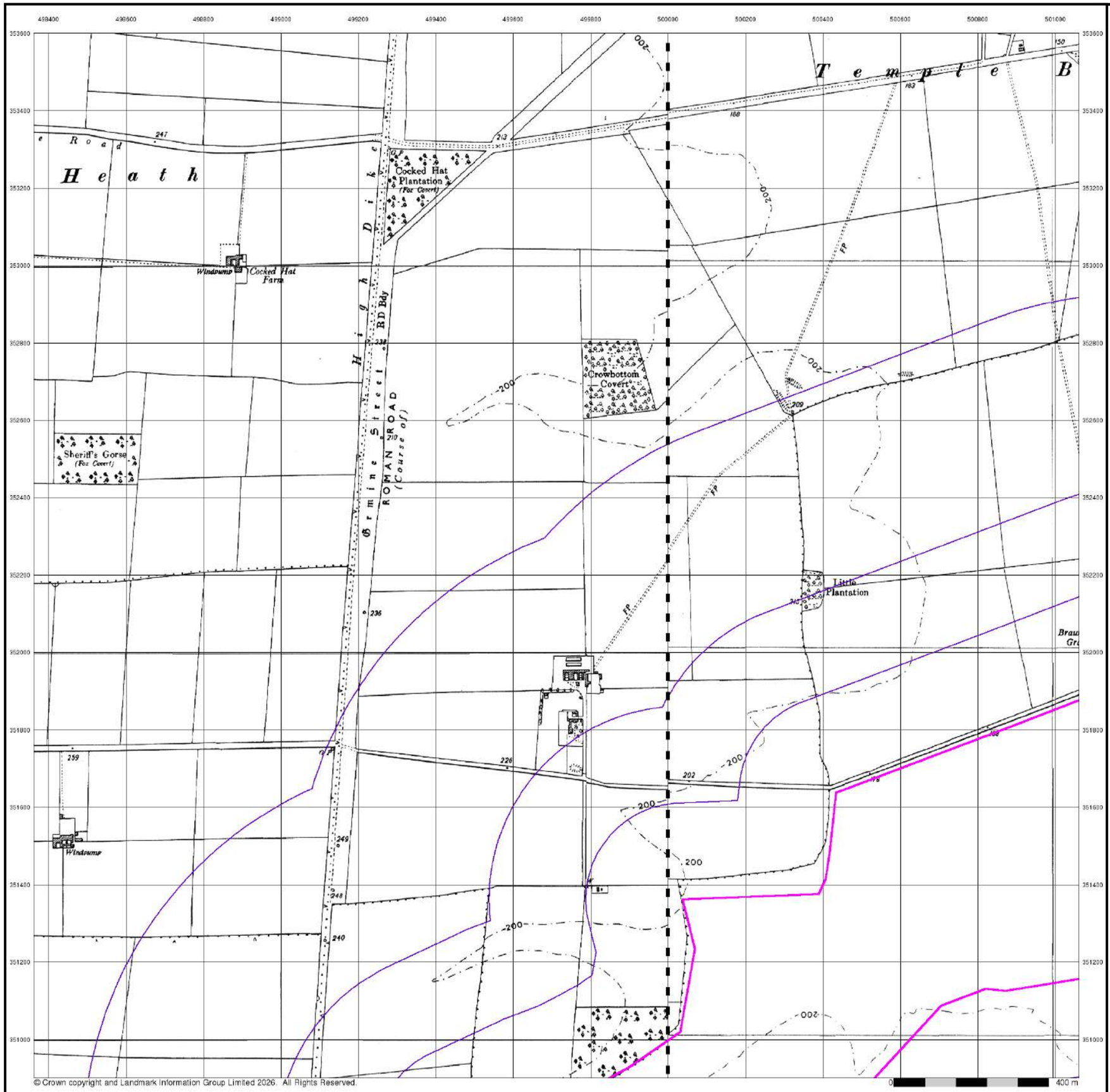
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Search Buffer (m):	1000

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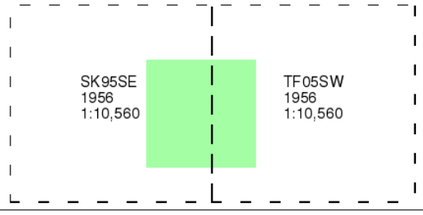
Ordnance Survey Plan

Published 1956

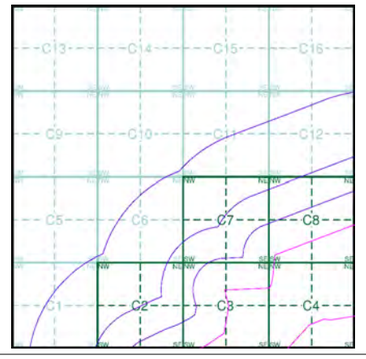
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

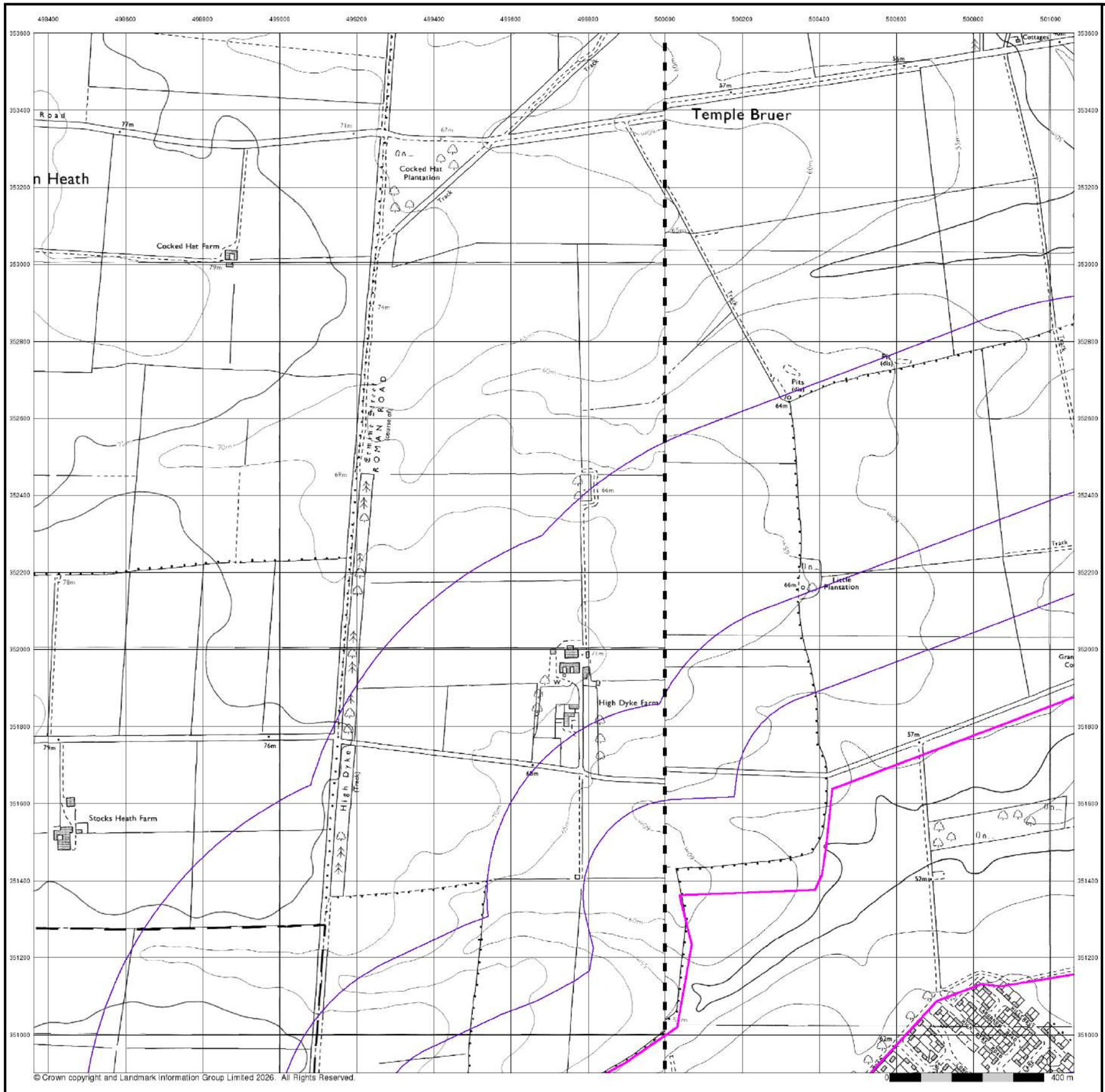
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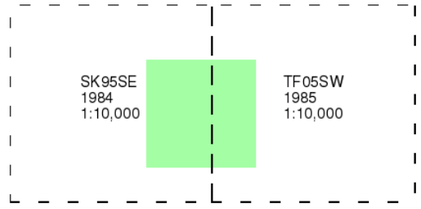
Ordnance Survey Plan

Published 1984 - 1985

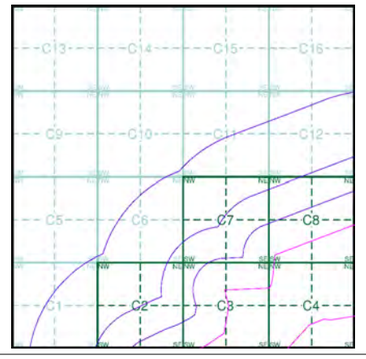
Source map scale - 1:10,000

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



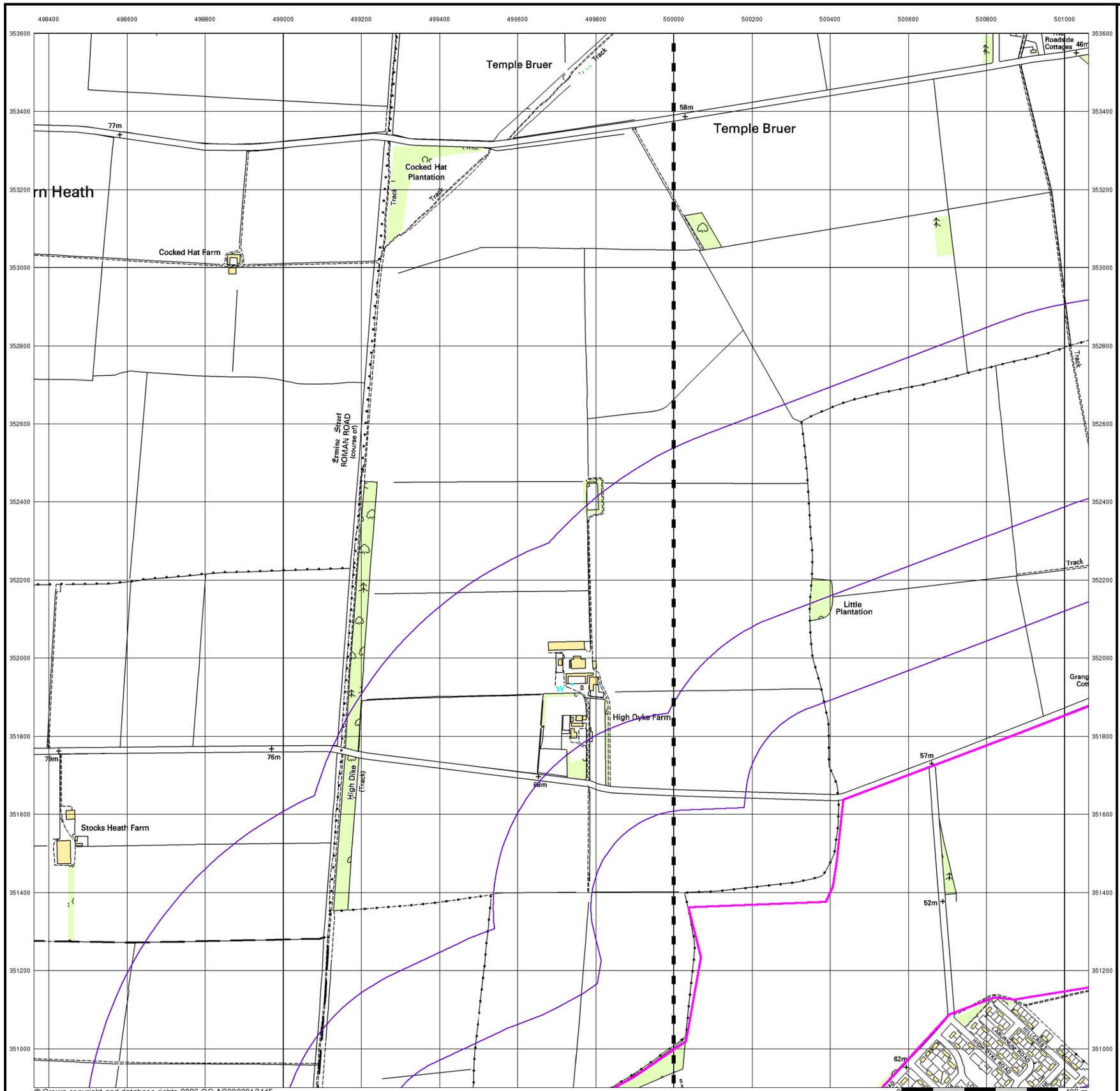
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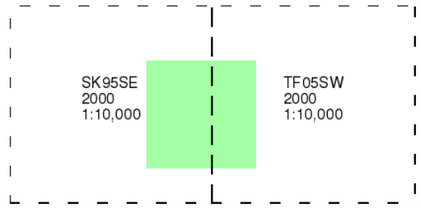
10k Raster Mapping

Published 2000

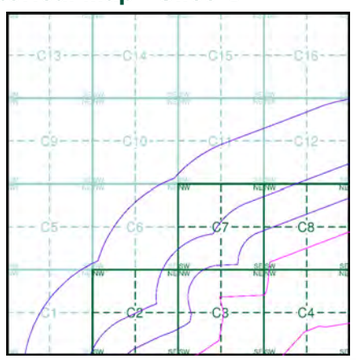
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

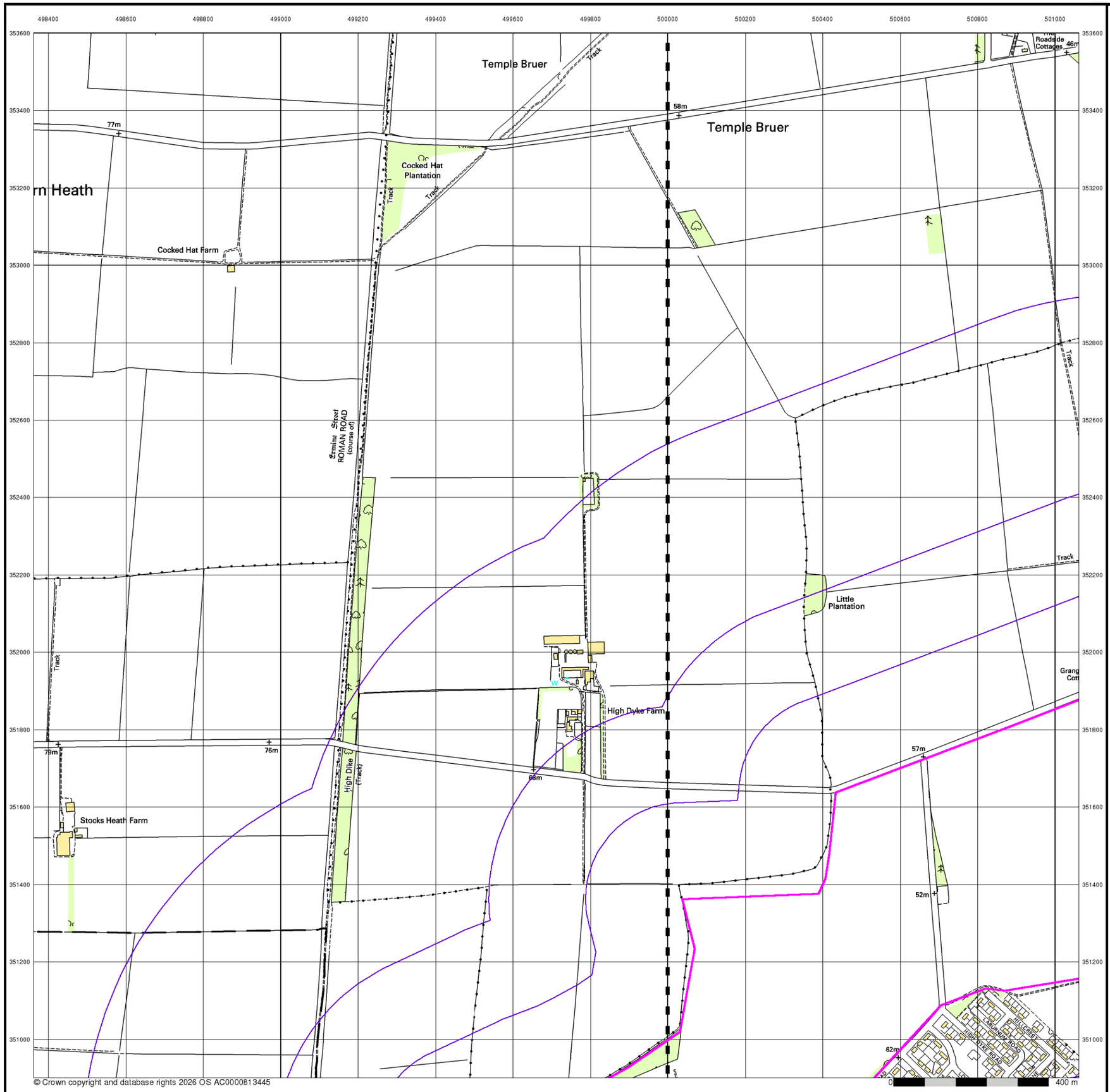
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Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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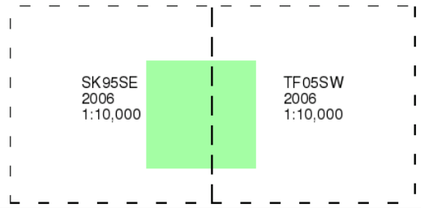
10k Raster Mapping

Published 2006

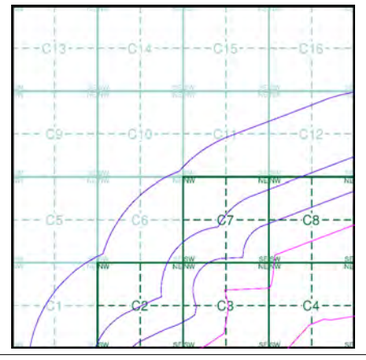
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

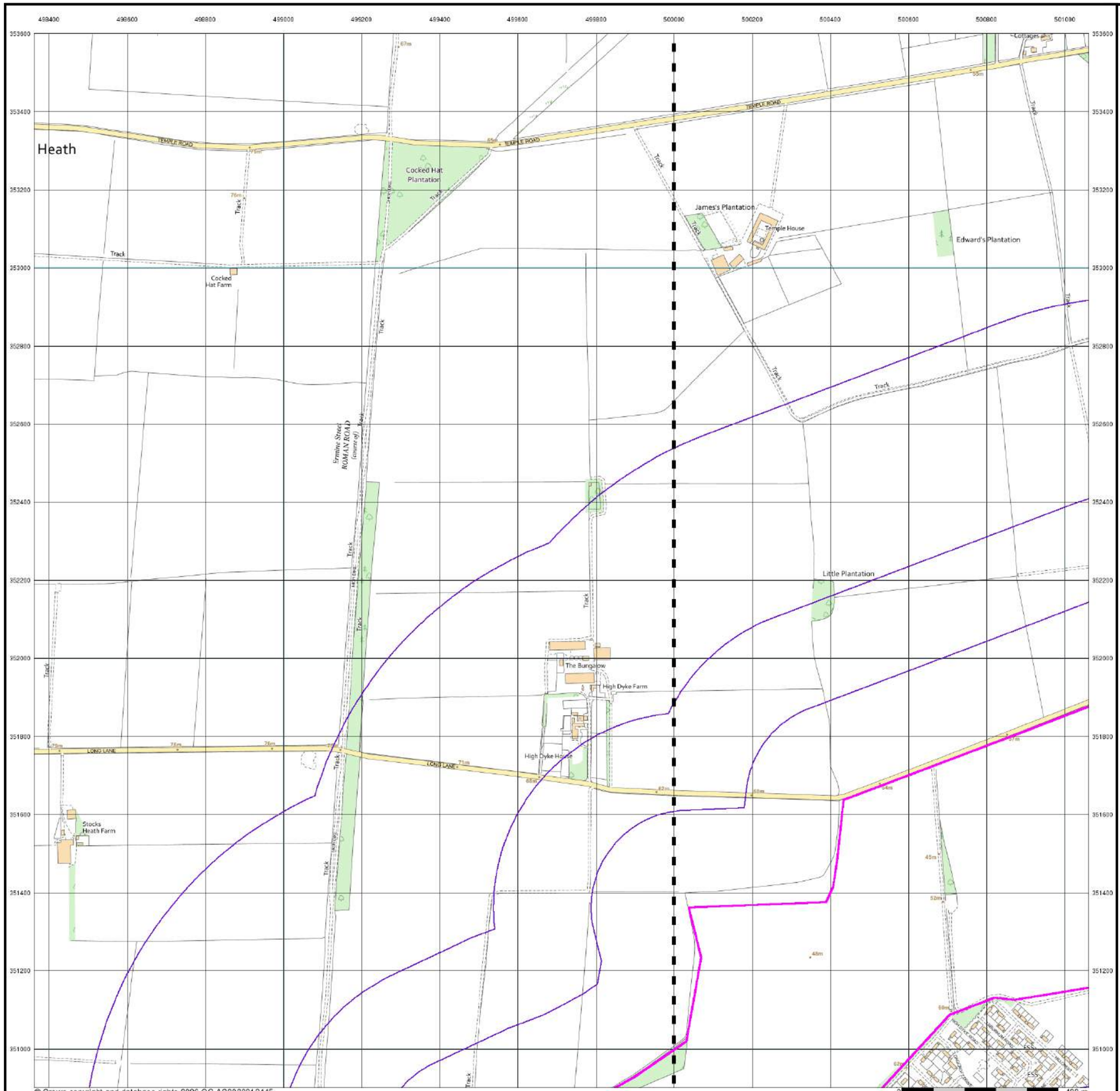
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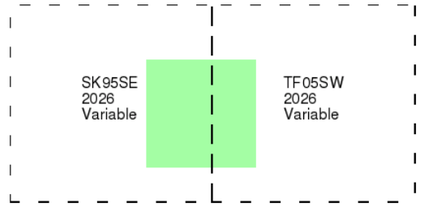
VectorMap Local

Published 2026

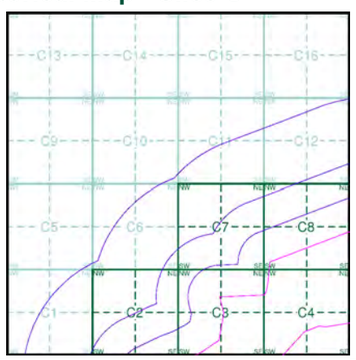
Source map scale - 1:10,000

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



Order Details

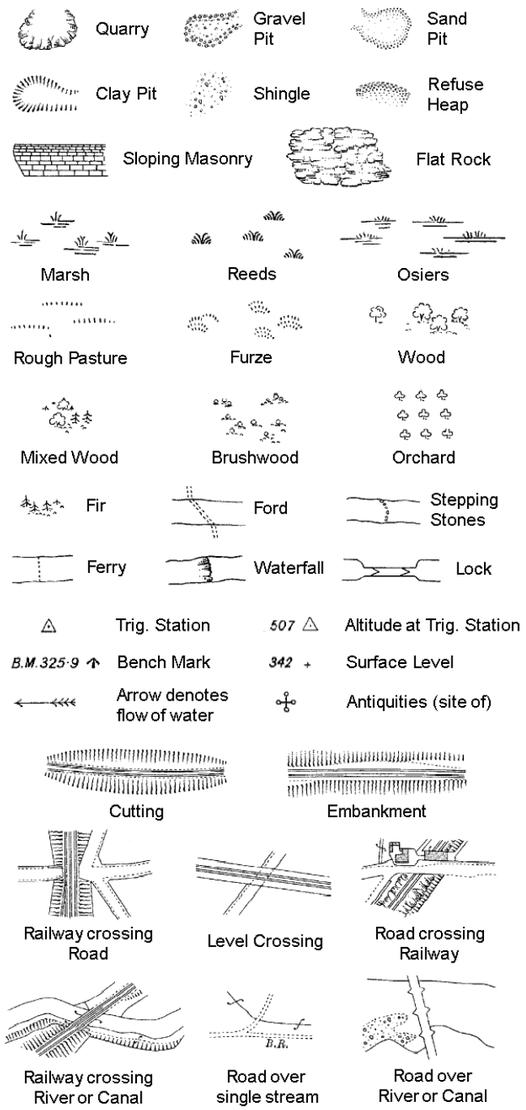
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Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

Historical Mapping Legends

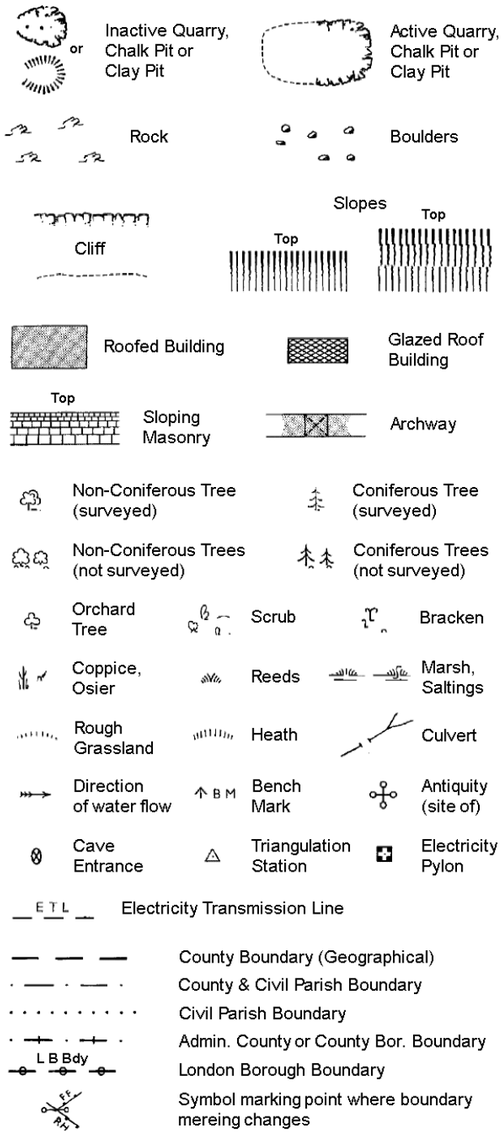
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

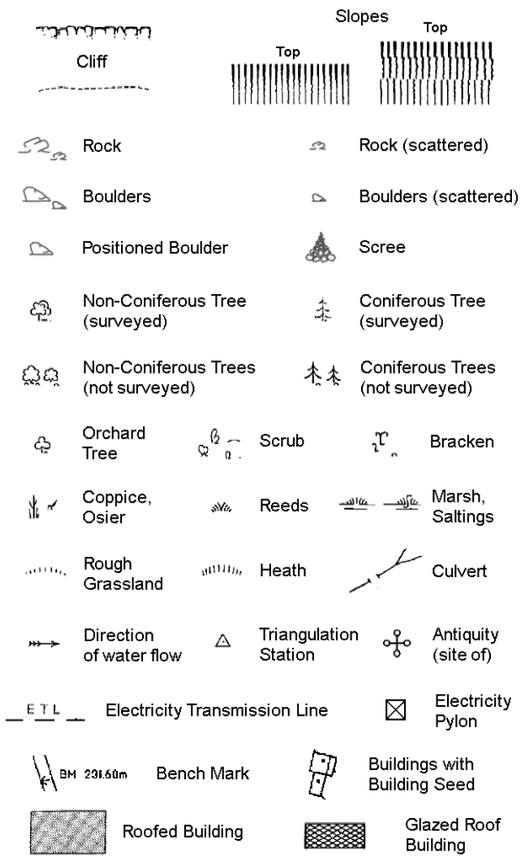
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

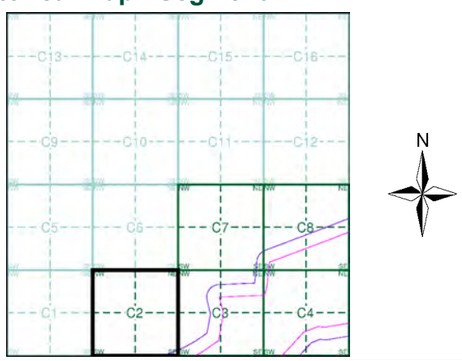
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1887	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1976 - 1977	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment C2



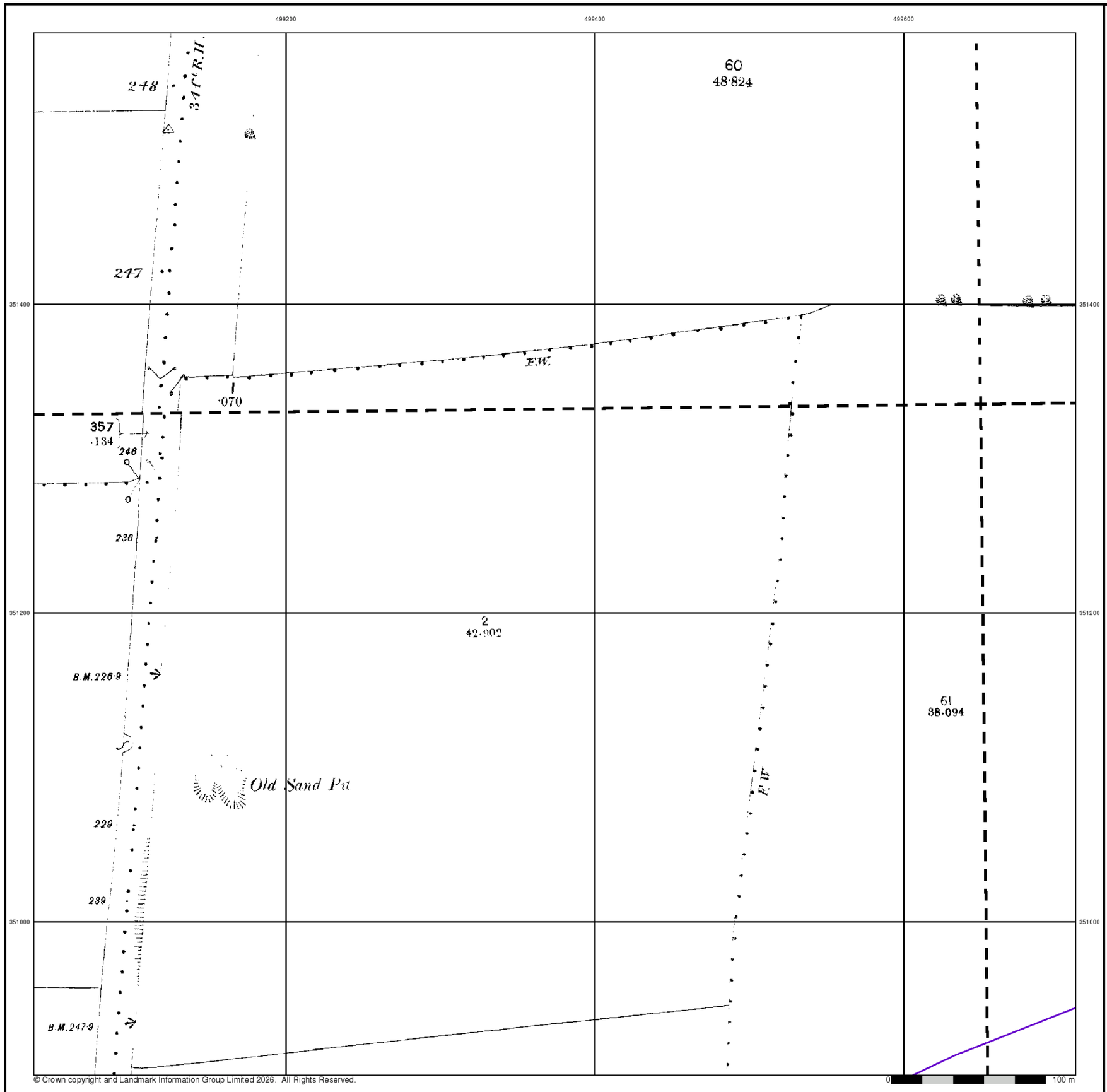
Order Details

Order Number: 406246422_1_1
Customer Ref: 323777
National Grid Reference: 500070, 351680
Slice: C
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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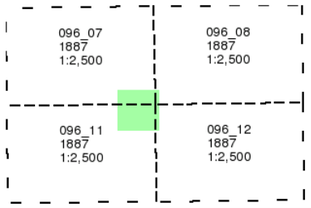
Lincolnshire

Published 1887

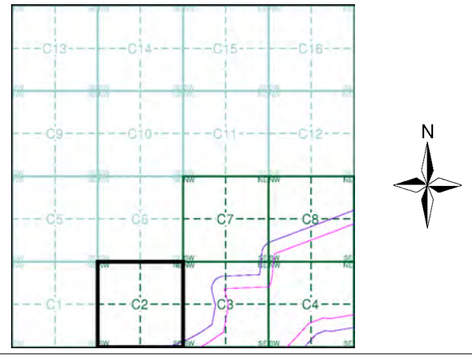
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment C2



Order Details

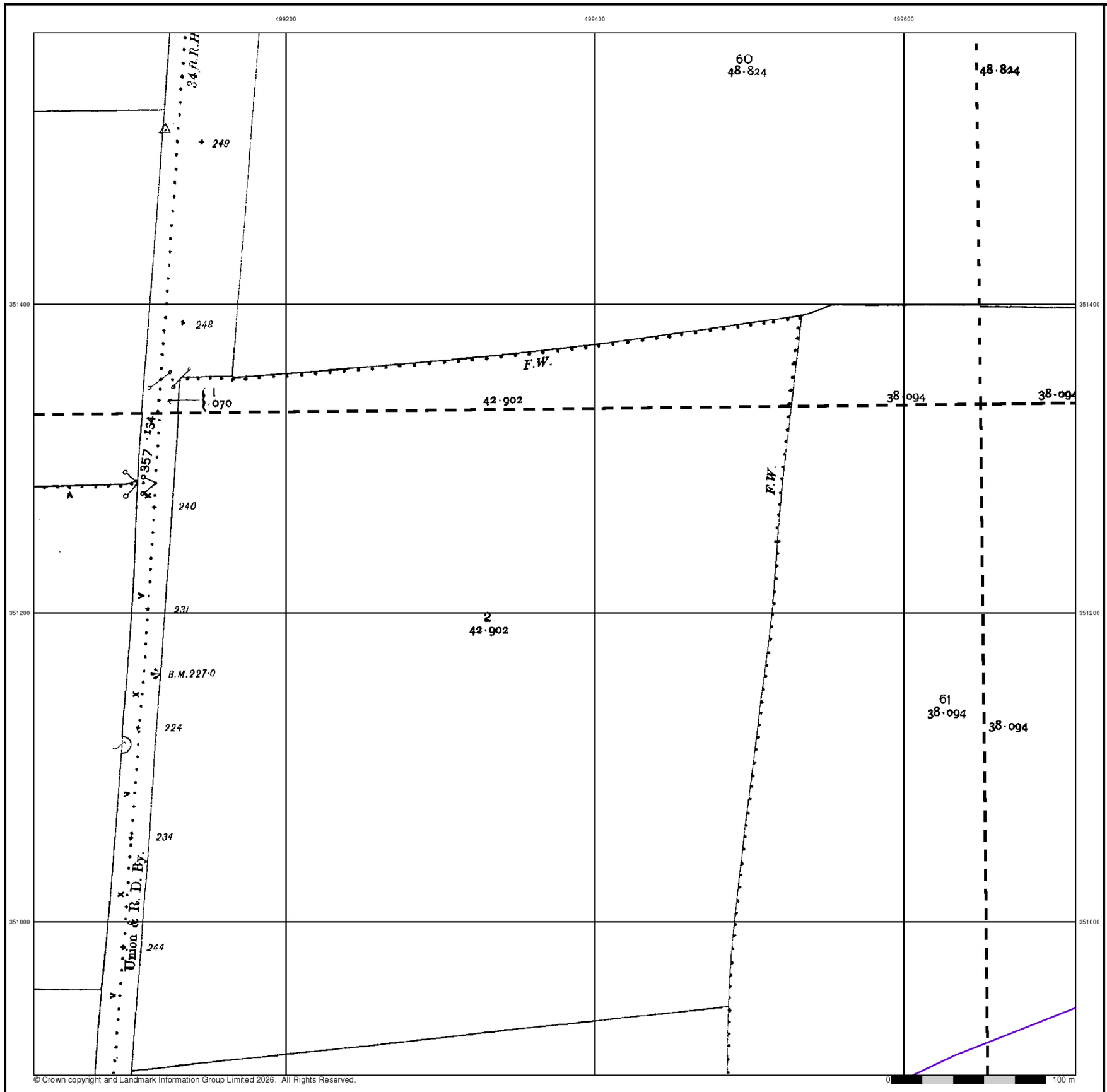
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Search Buffer (m):	100

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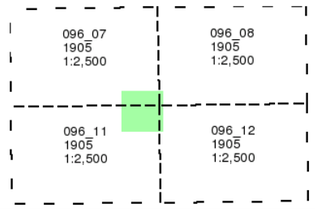
Lincolnshire

Published 1905

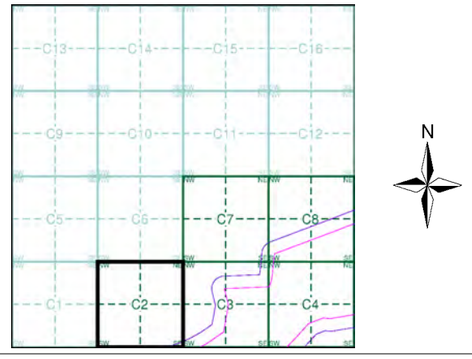
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment C2



Order Details

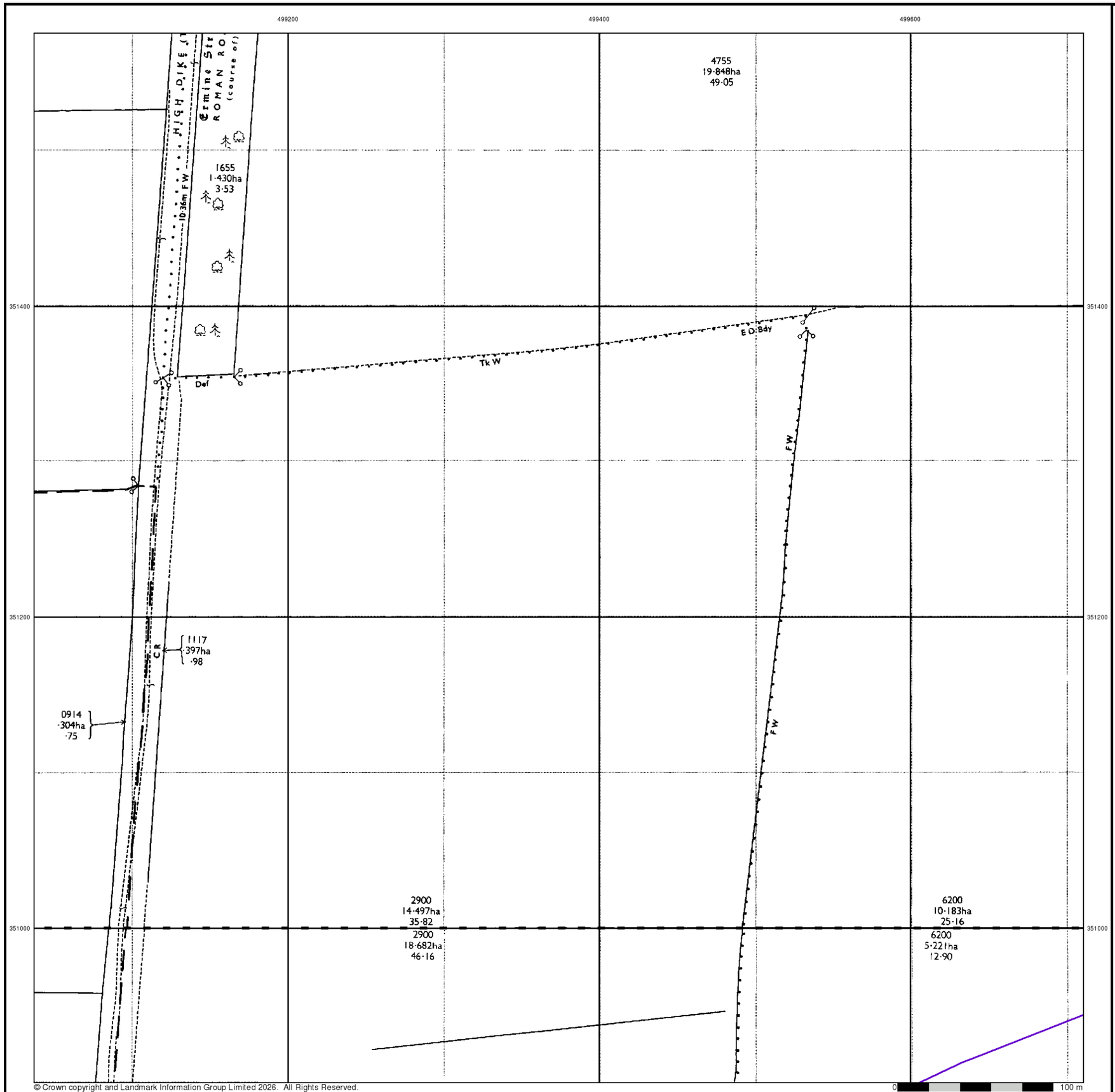
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Slice:	C
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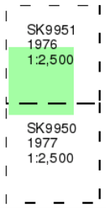
Ordnance Survey Plan

Published 1976 - 1977

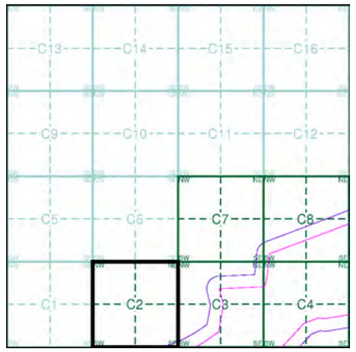
Source map scale - 1:2,500

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 C2



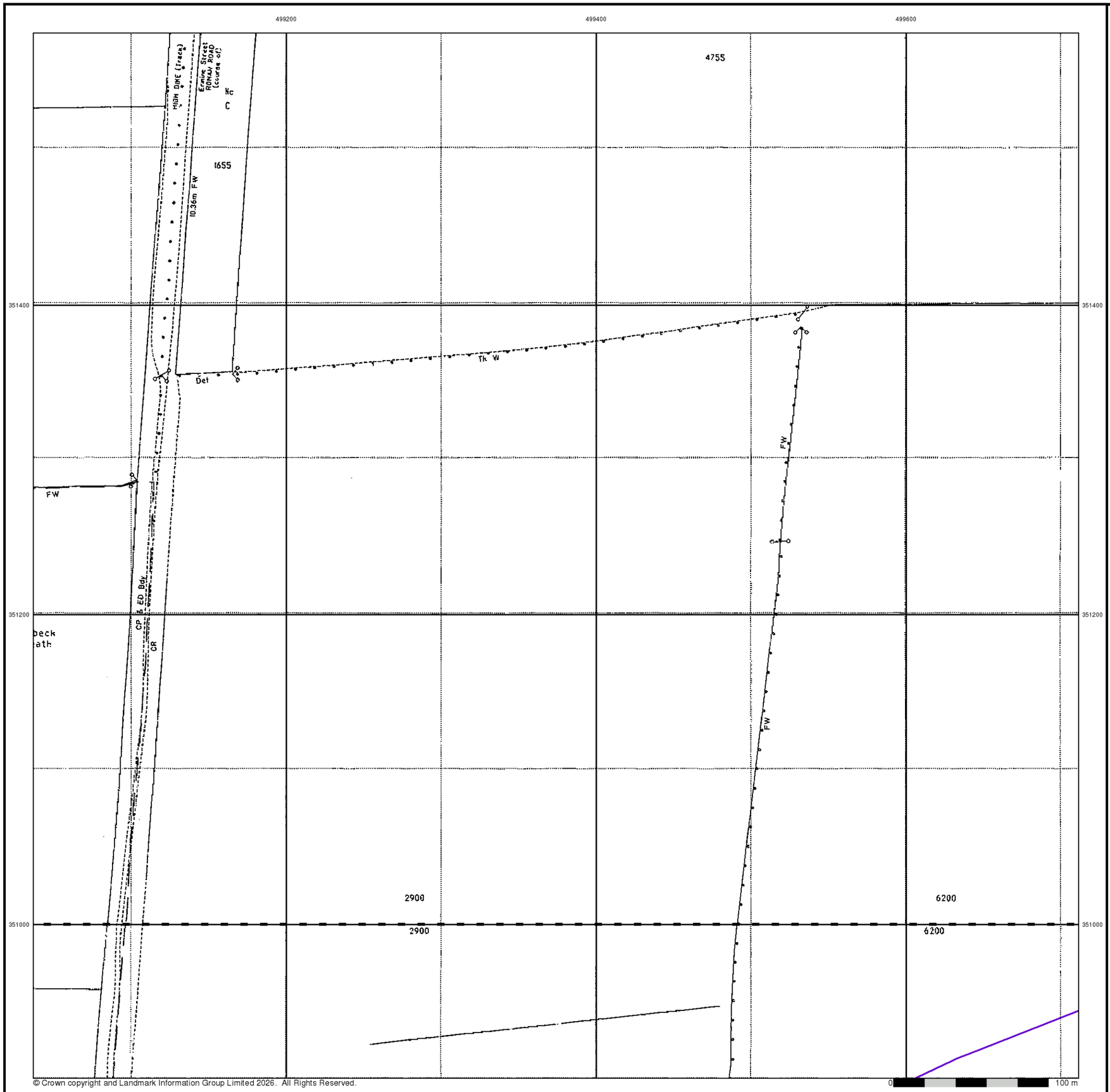
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Customer Ref:	323777
National Grid Reference:	500070, 351680
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Site Area (Ha):	259.07
Search Buffer (m):	100

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Large-Scale National Grid Data

Published 1994

Source map scale - 1:2,500

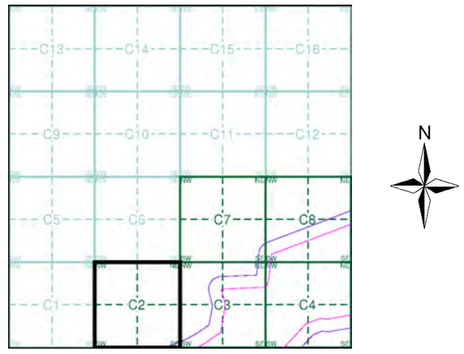
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

SK9951
1994
1:2,500

SK9950
1994
1:2,500

Historical Map - Segment C2



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	100

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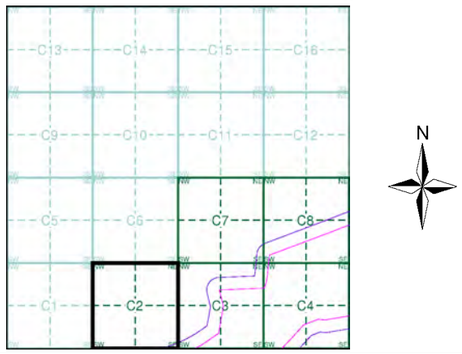
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Historical Aerial Photography

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 C2



Order Details

Order Number:	406246422_1_1
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Search Buffer (m):	100

Site Details

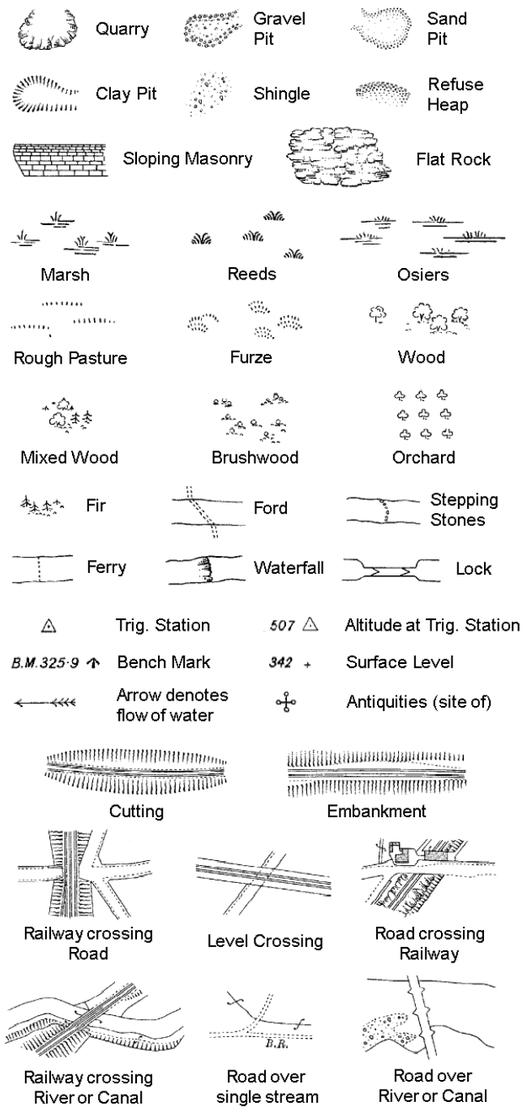
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Historical Mapping Legends

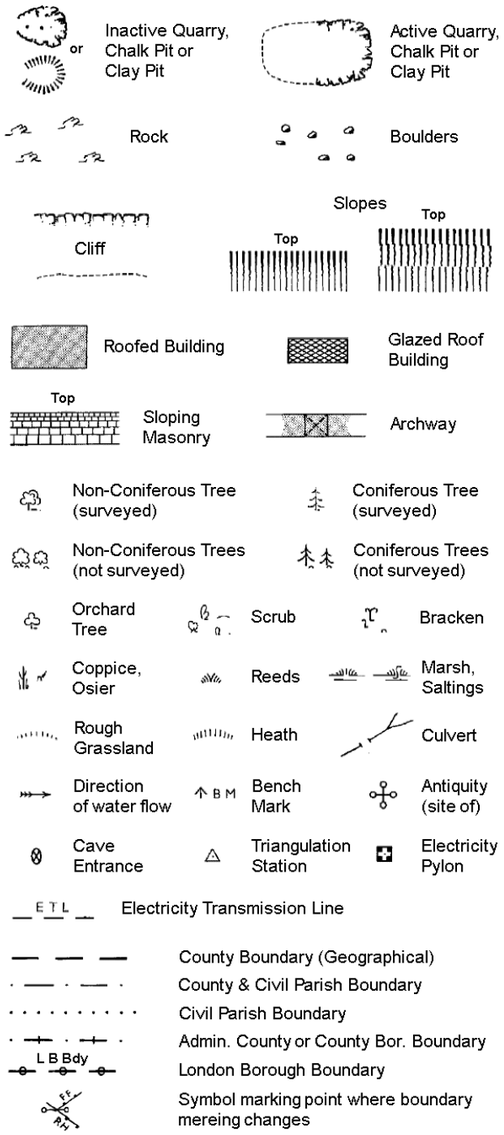
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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	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

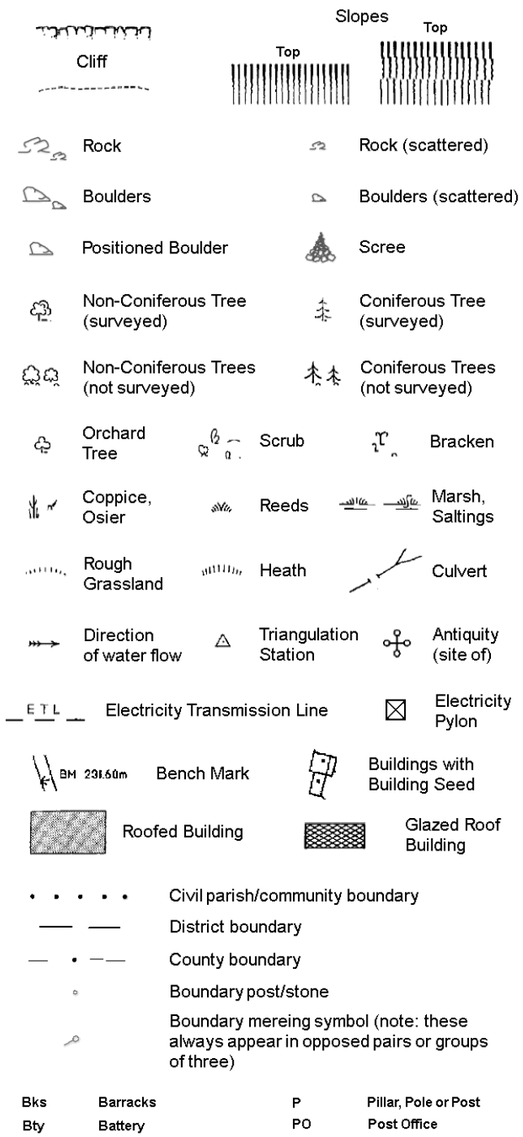
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

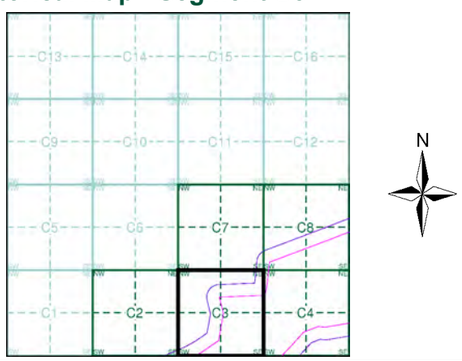
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1887	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1976 - 1980	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment C3



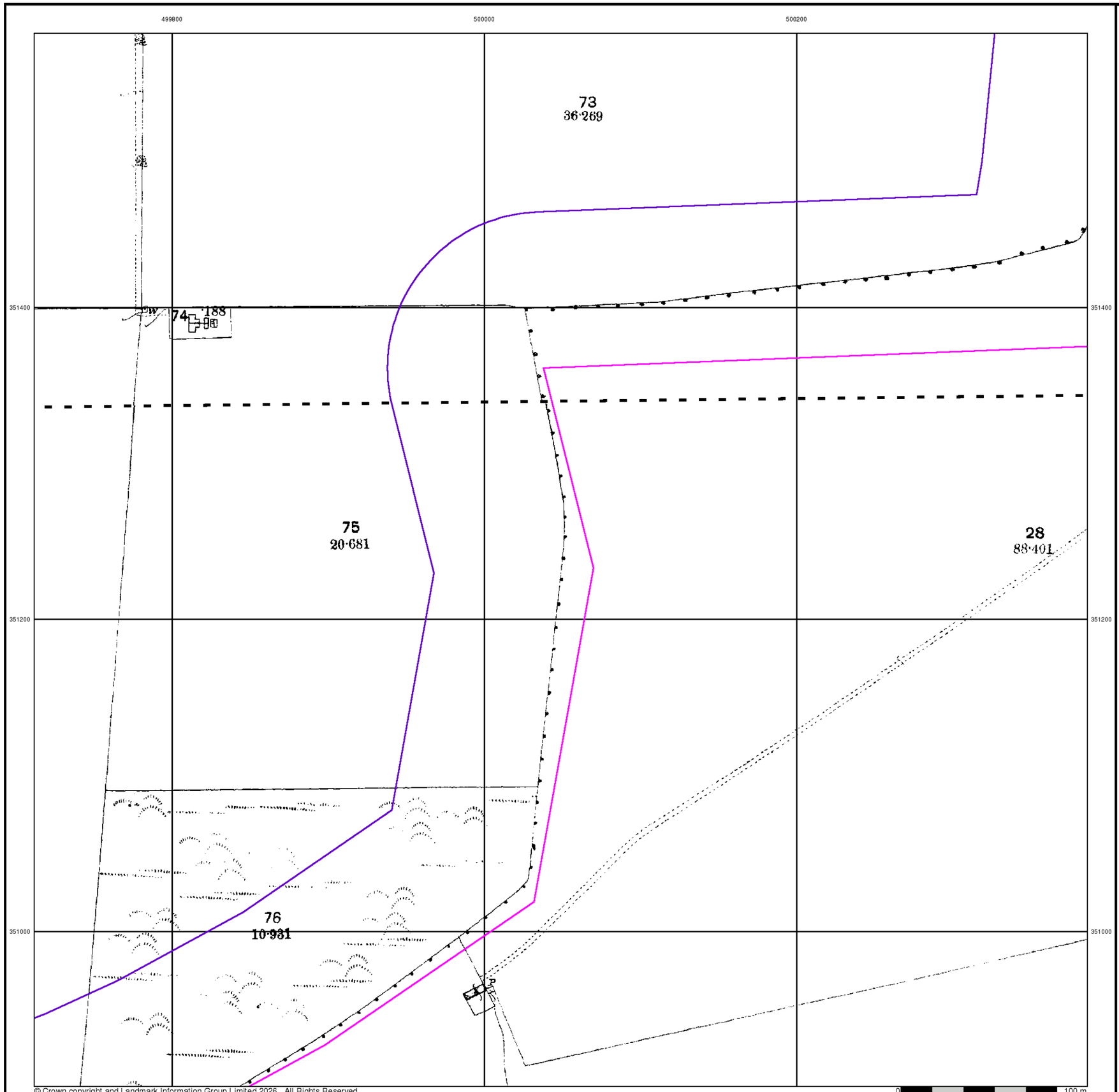
Order Details

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Customer Ref: 323777
National Grid Reference: 500070, 351680
Slice: C
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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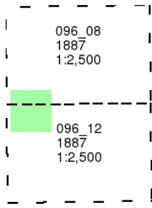
Lincolnshire

Published 1887

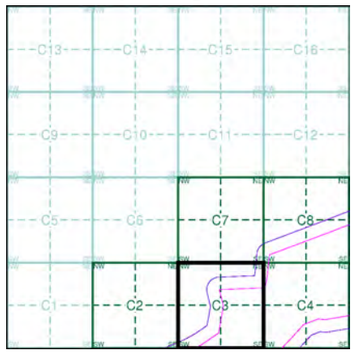
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment C3



Order Details

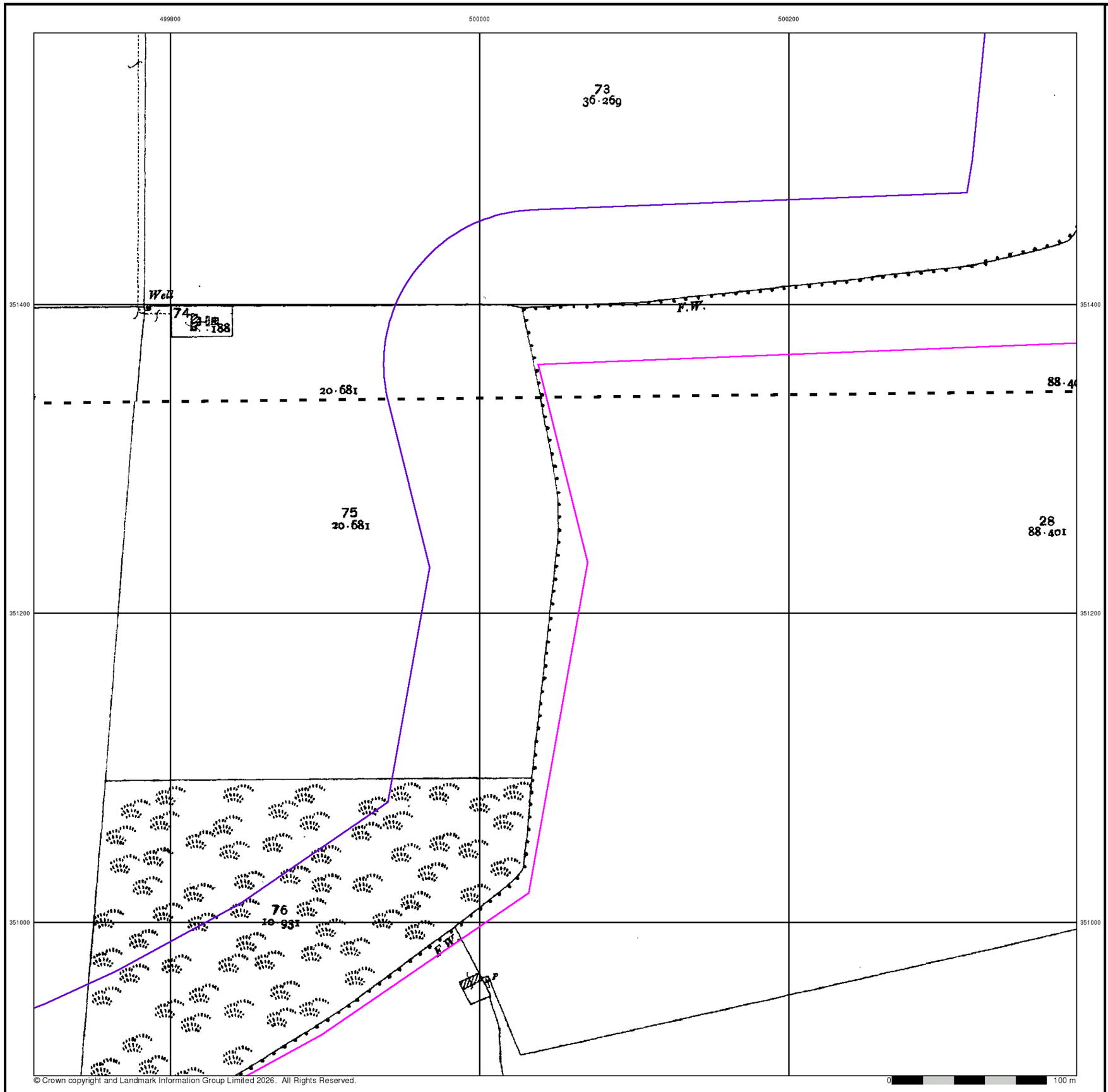
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Customer Ref:	323777
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Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

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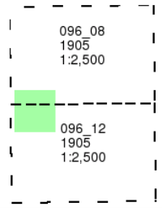
Lincolnshire

Published 1905

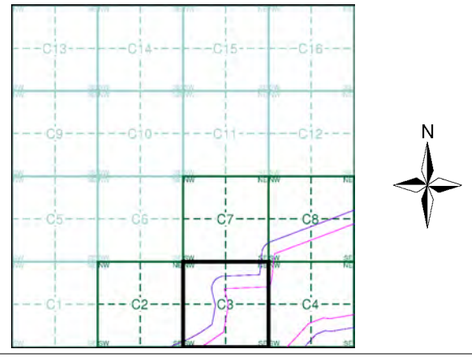
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment C3



Order Details

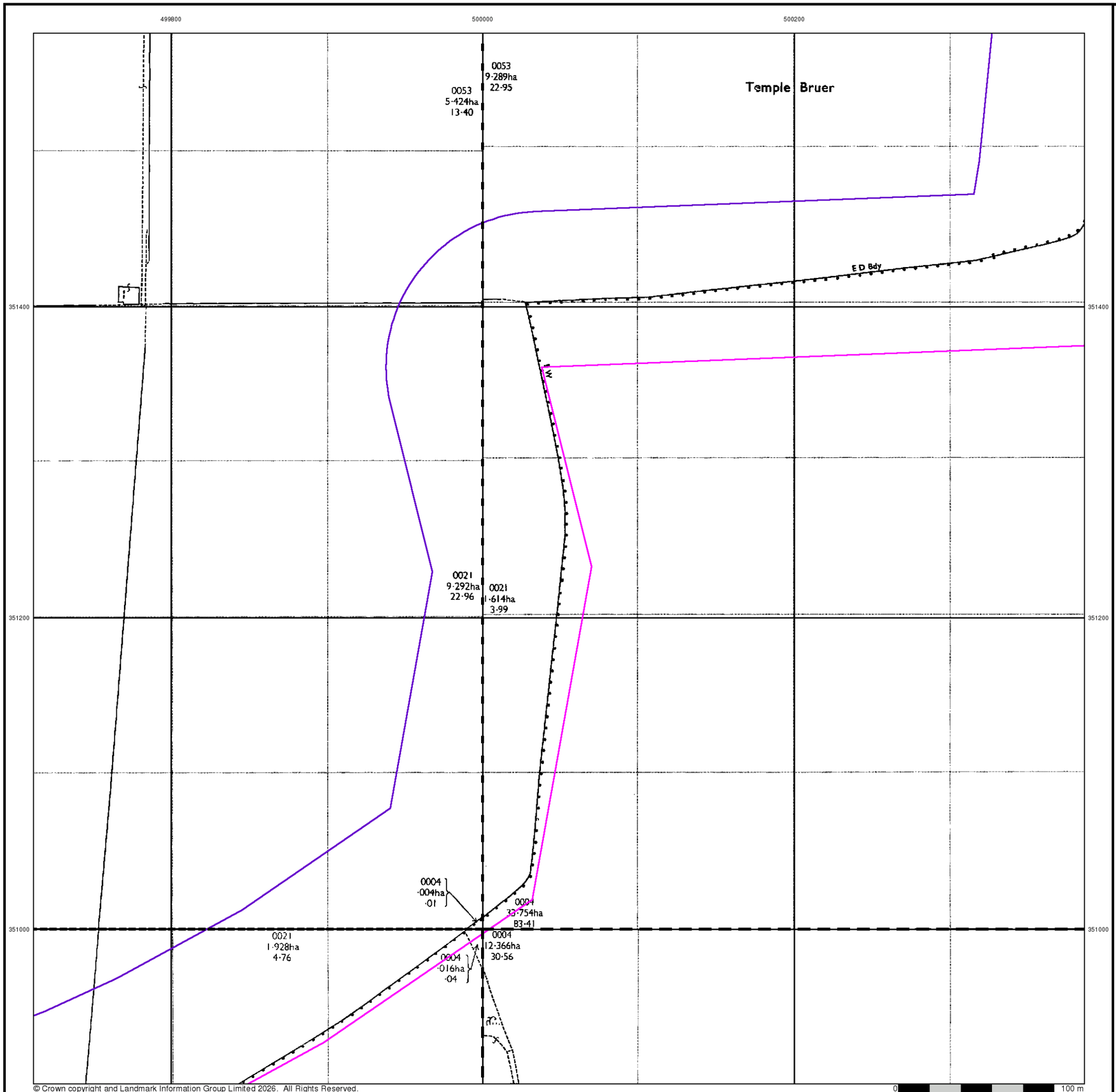
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Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	100

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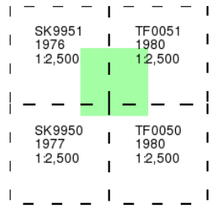
Ordnance Survey Plan

Published 1976 - 1980

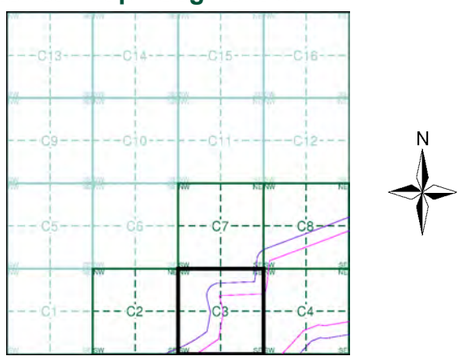
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment C3



Order Details

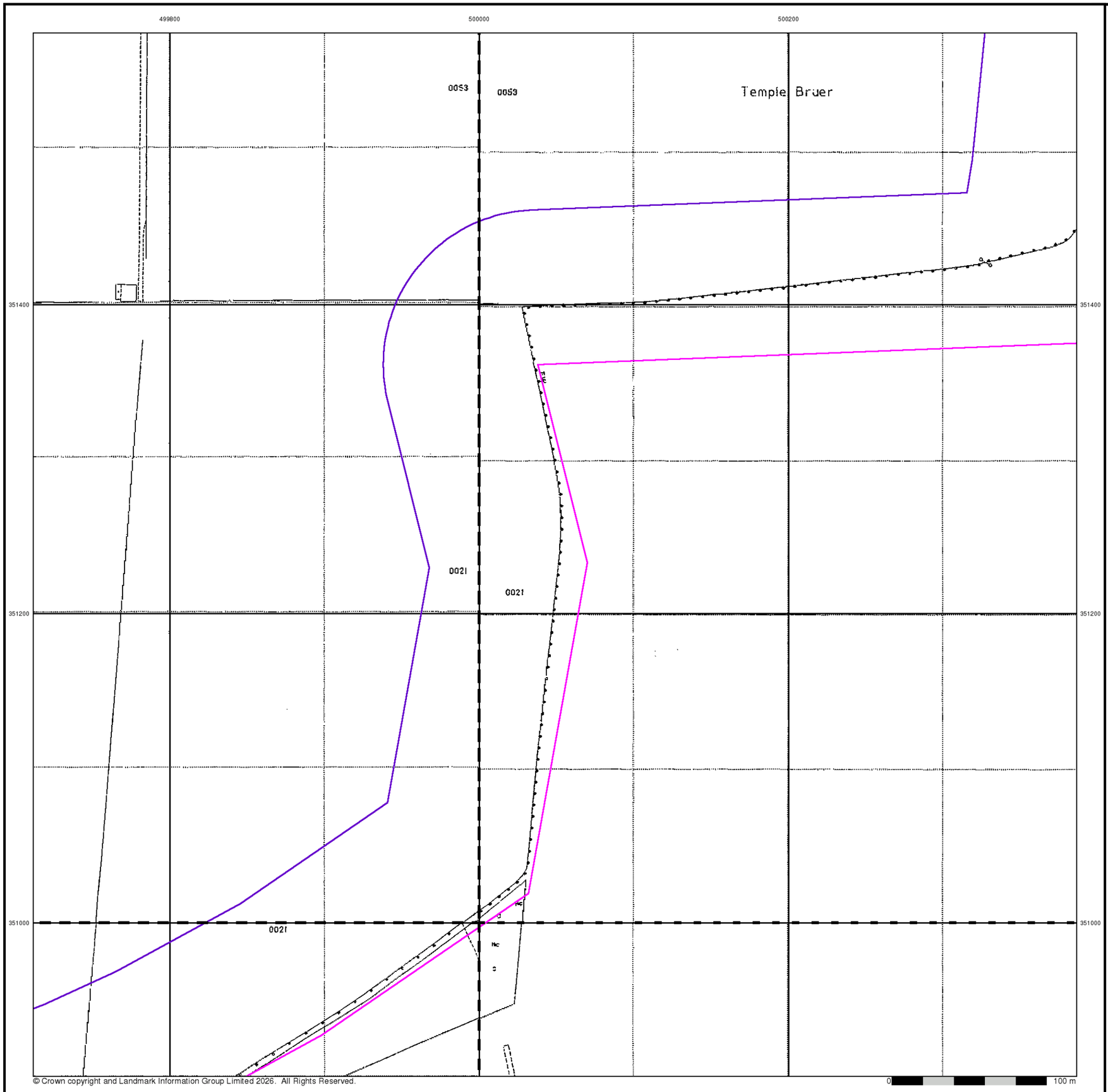
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Slice:	C
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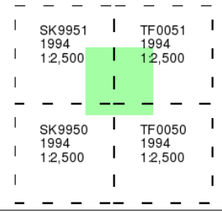
Large-Scale National Grid Data

Published 1994

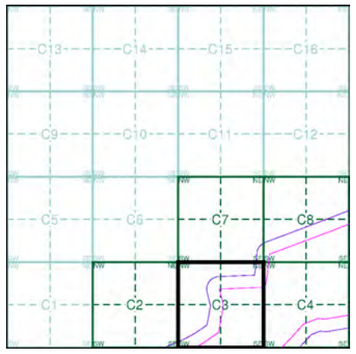
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment C3



Order Details

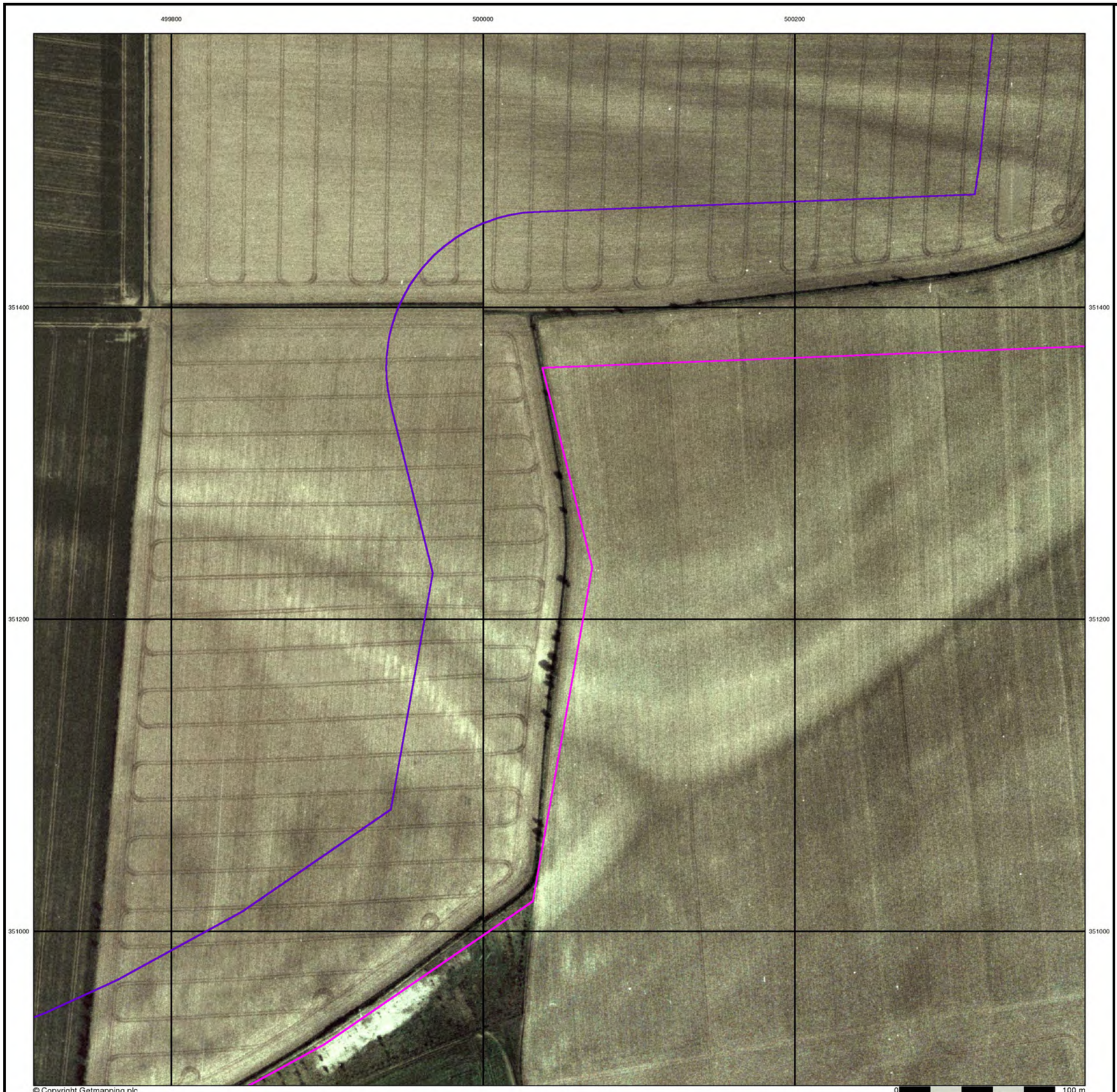
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Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

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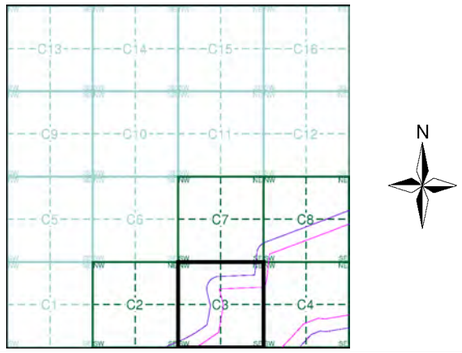
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Historical Aerial Photography

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



Order Details

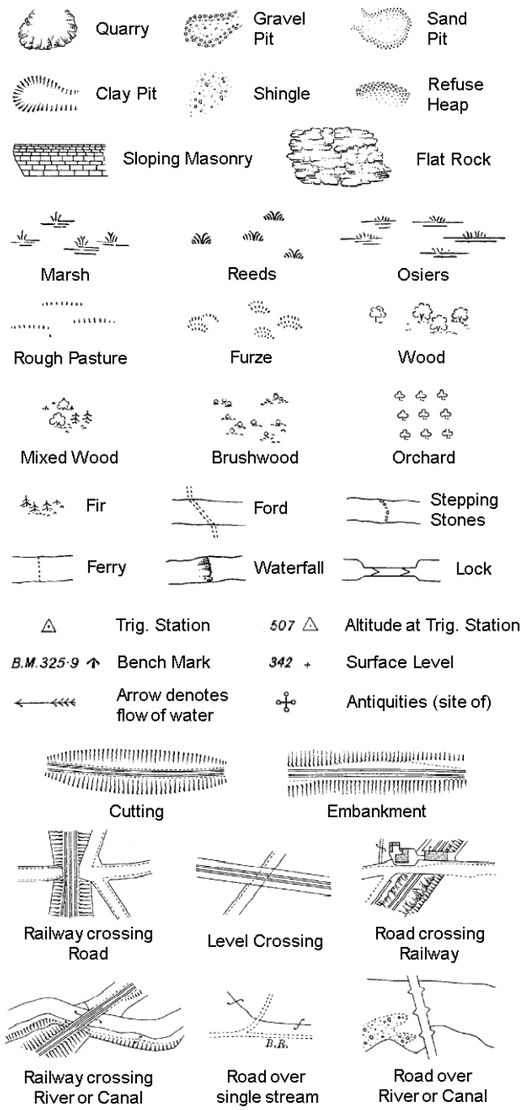
Order Number:	406246422_1_1
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National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	100

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

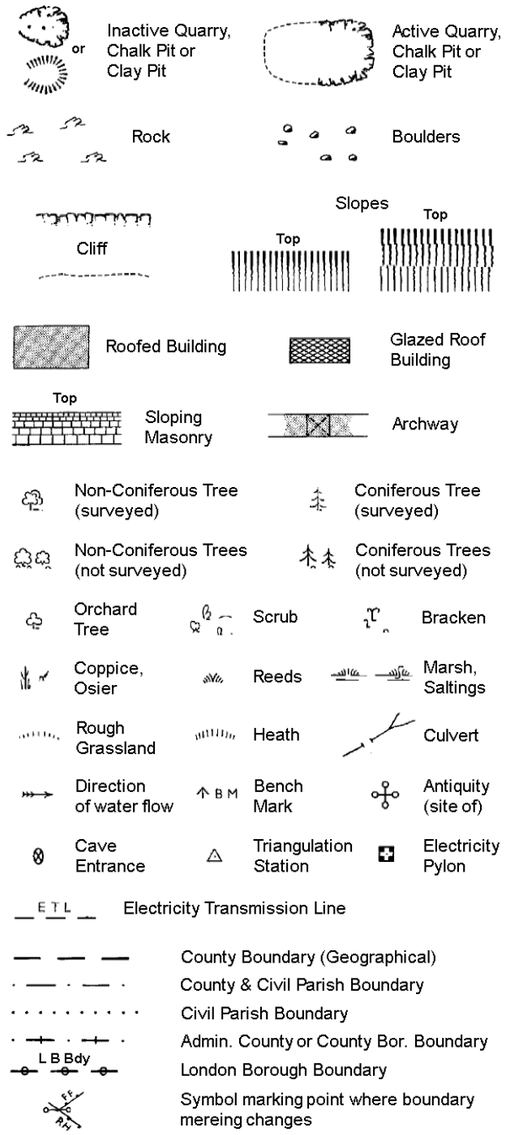
Administrative County & Civil Parish Boundary

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	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

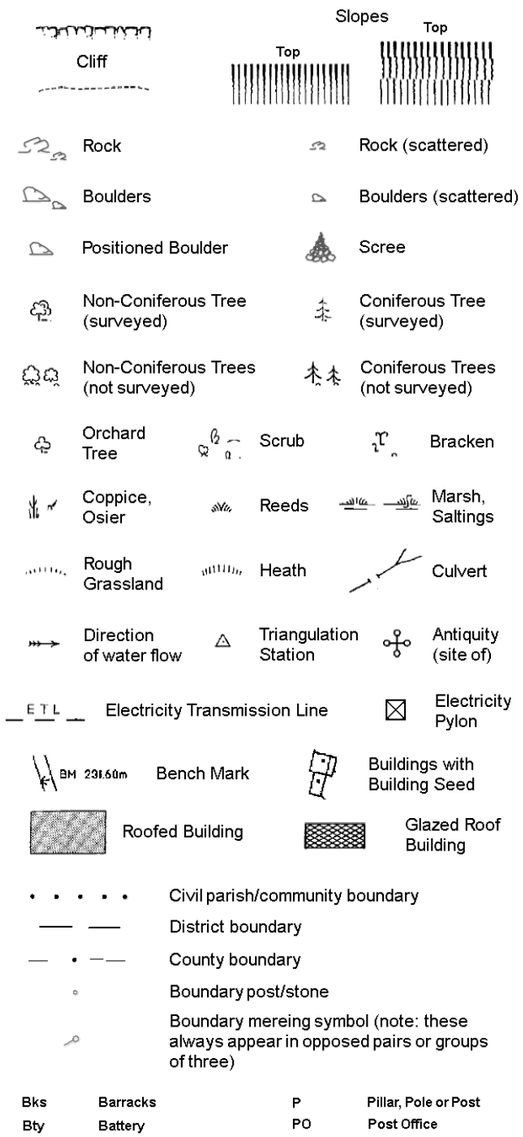
Admin. County or County Bor. Boundary

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

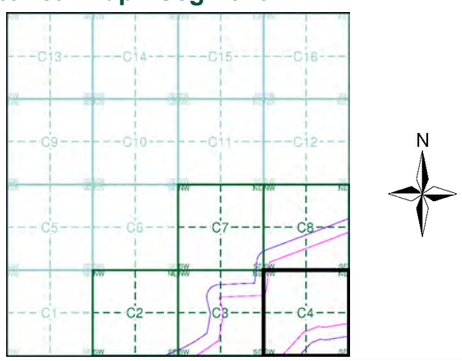
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1887	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1980	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment C4



Order Details

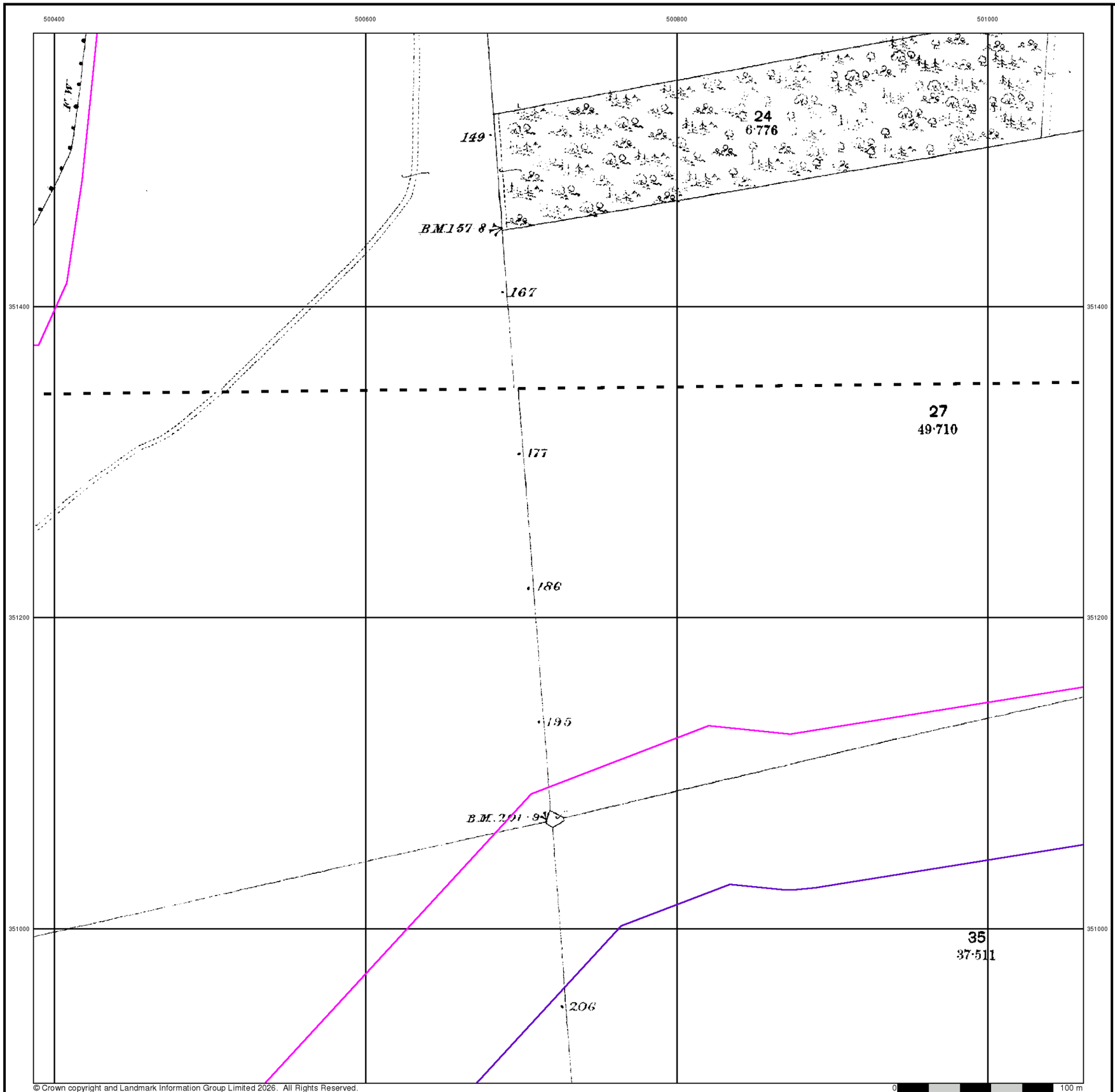
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Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	100

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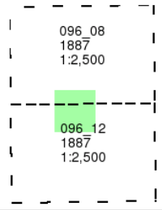
Lincolnshire

Published 1887

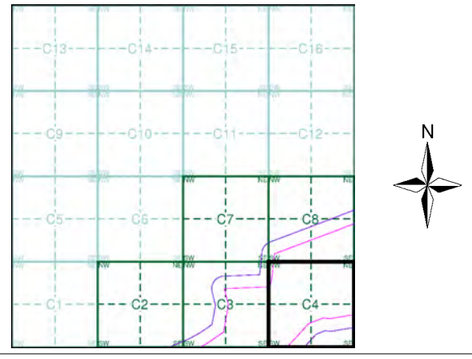
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment C4



Order Details

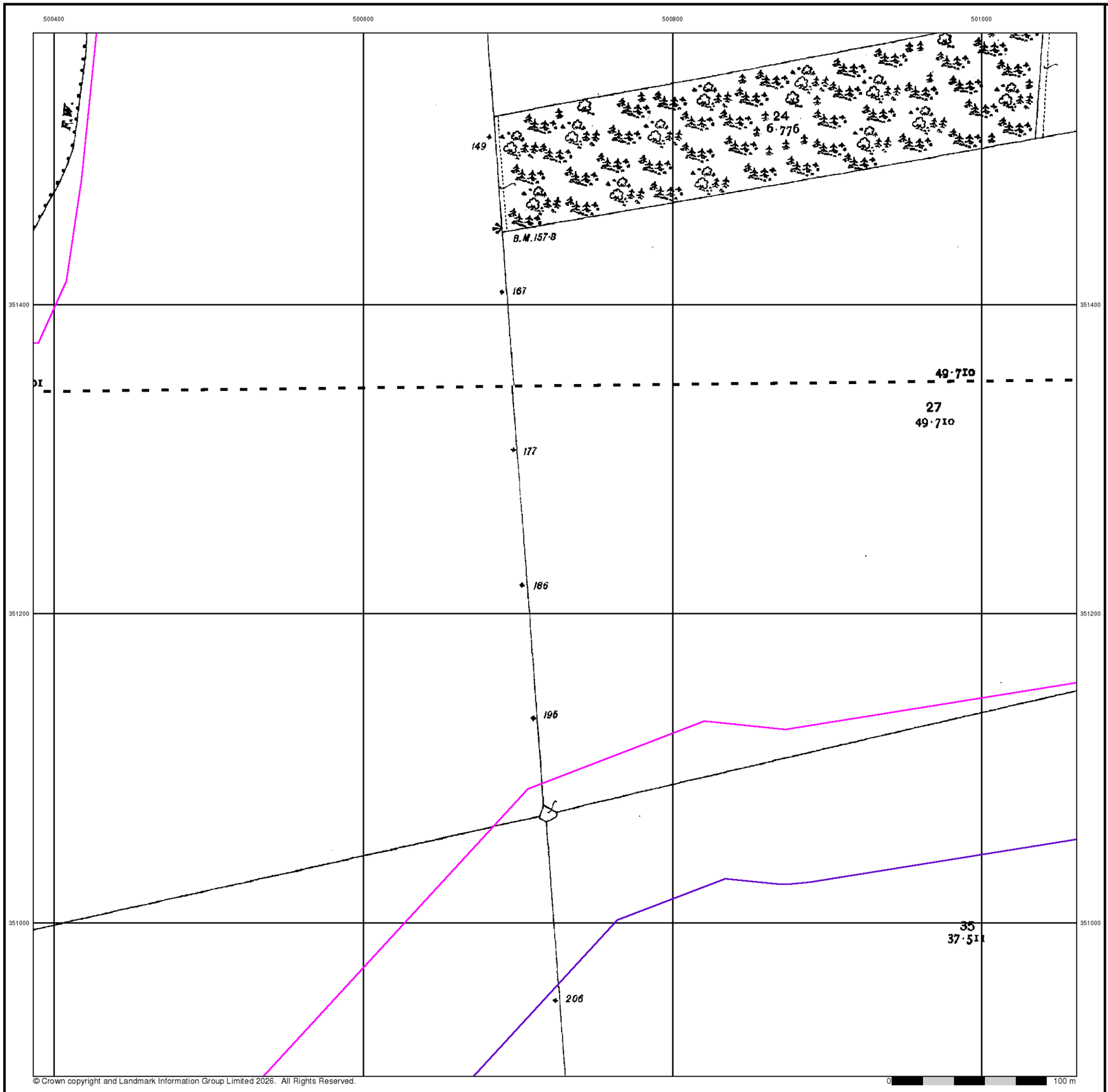
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Customer Ref:	323777
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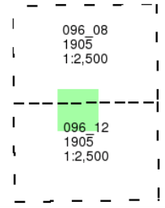
Lincolnshire

Published 1905

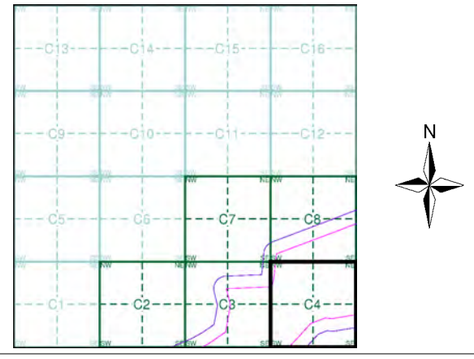
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment C4



Order Details

Order Number:	406246422_1_1
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Slice:	C
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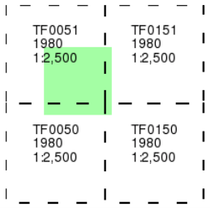
Ordnance Survey Plan

Published 1980

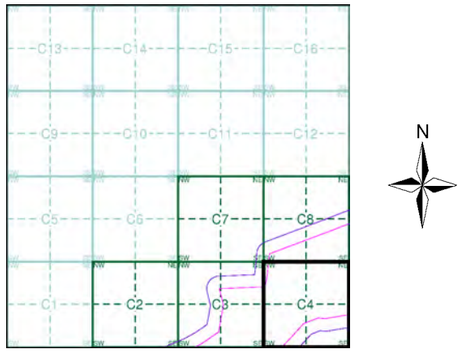
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment C4



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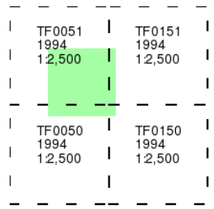
Large-Scale National Grid Data

Published 1994

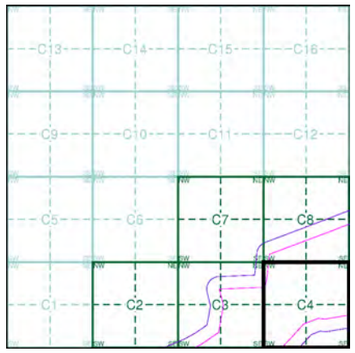
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment C4



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
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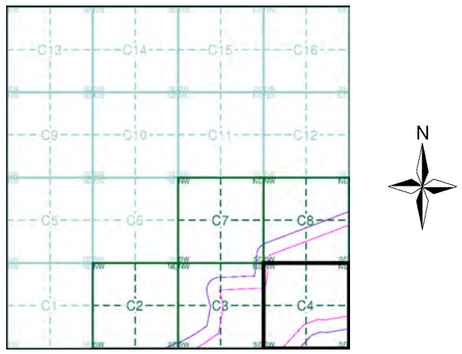
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Historical Aerial Photography

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



Order Details

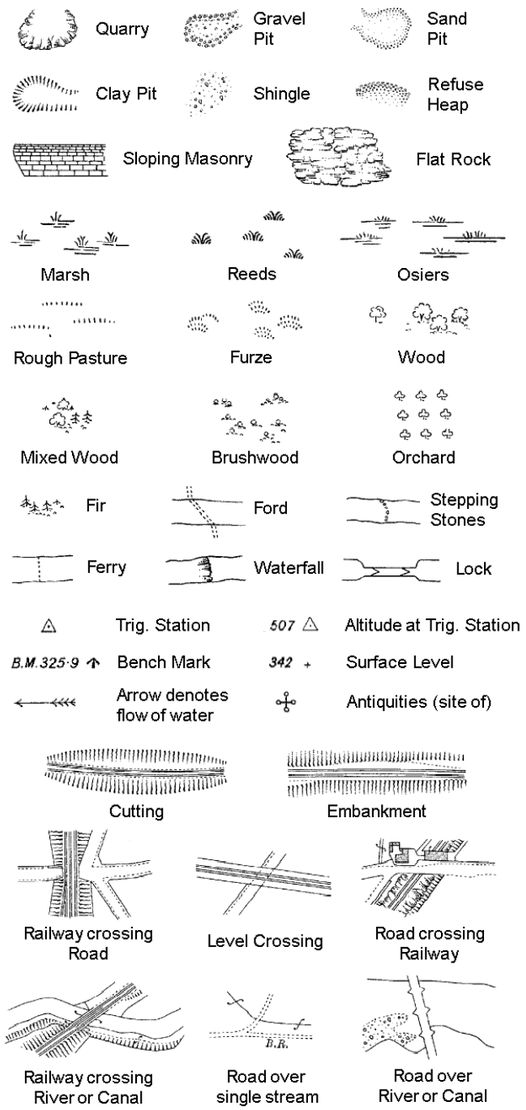
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Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
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Search Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

Historical Mapping Legends

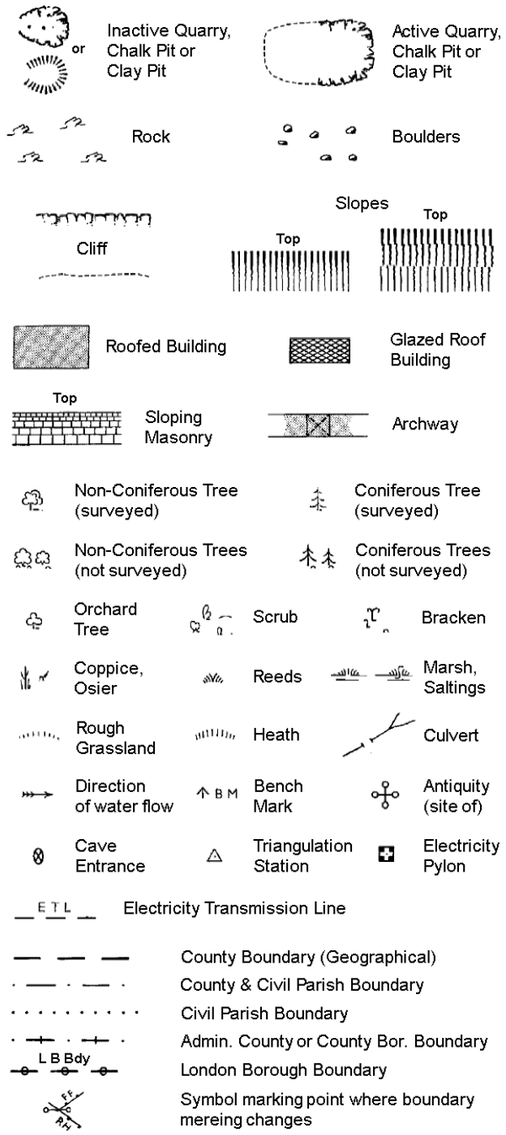
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

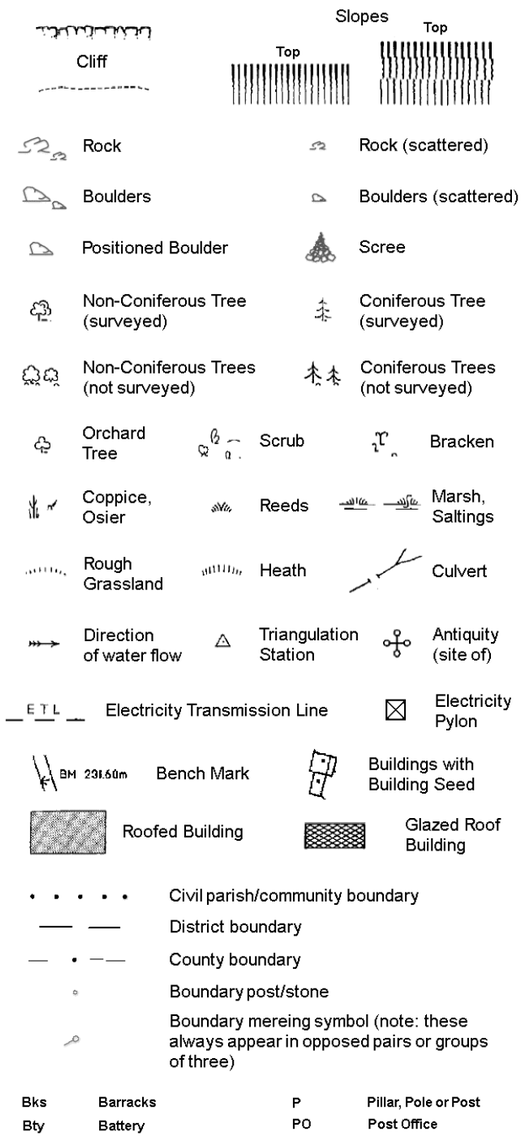
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

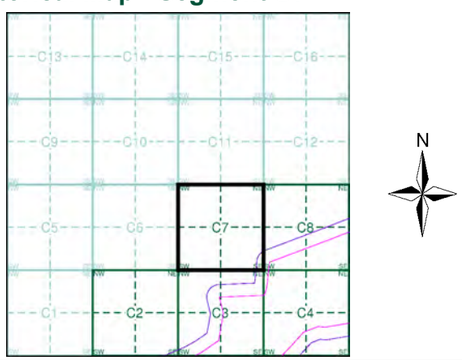
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1887	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1976 - 1980	4
Additional SIMs	1:2,500	1980	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

Historical Map - Segment C7



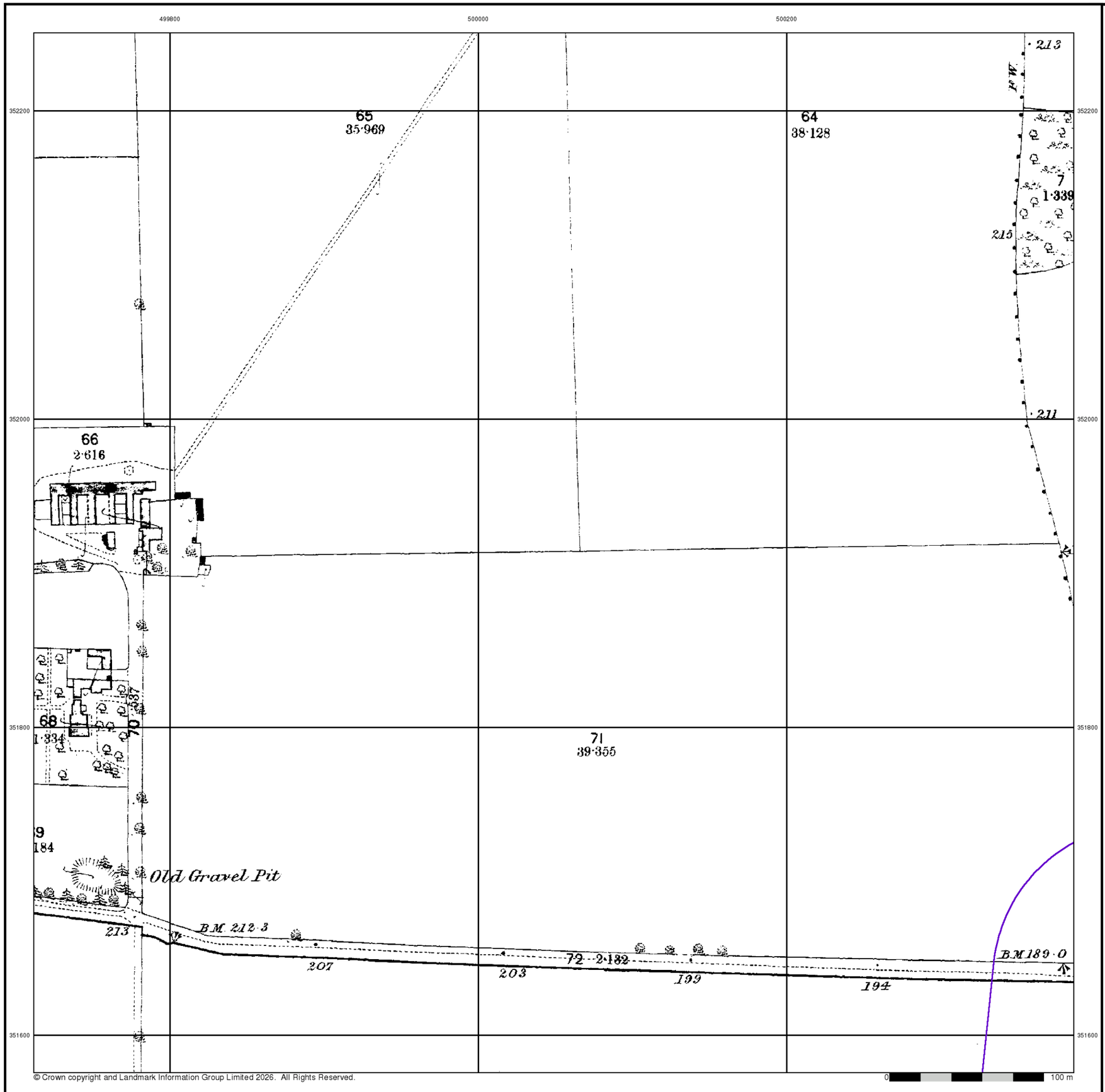
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
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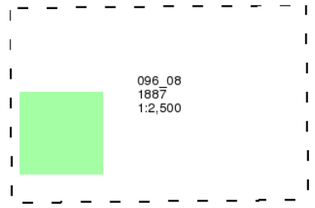
Lincolnshire

Published 1887

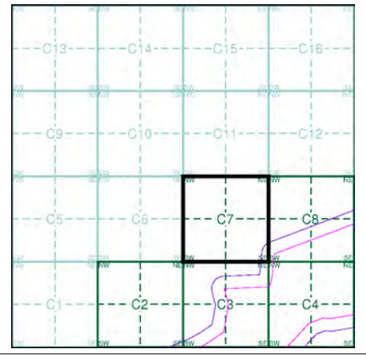
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment C7



Order Details

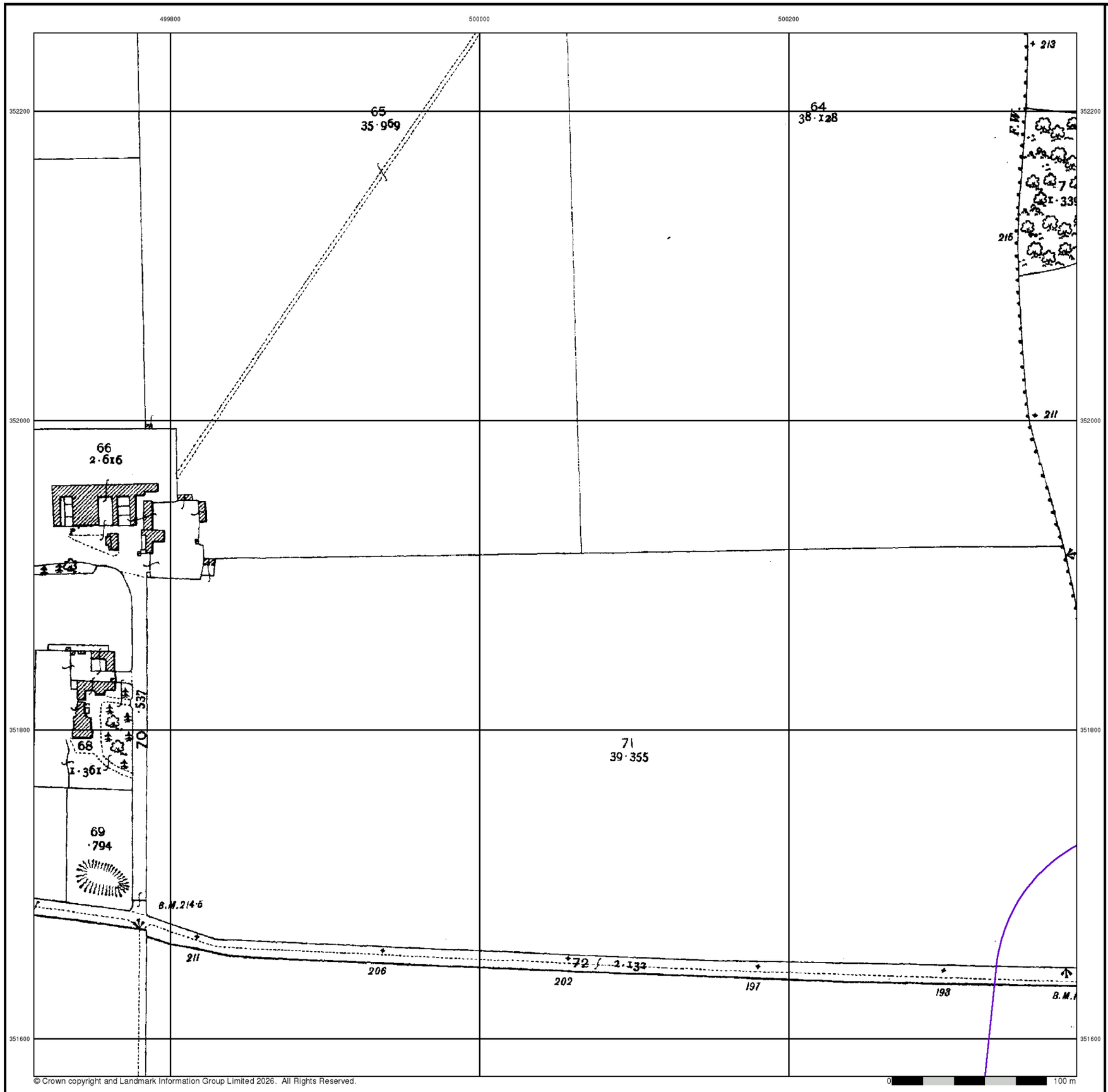
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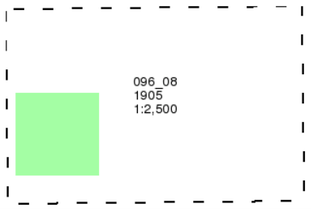
Lincolnshire

Published 1905

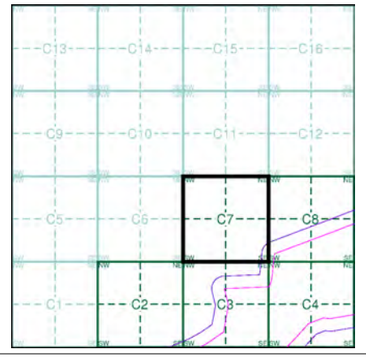
Source map scale - 1:2,500

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 C7



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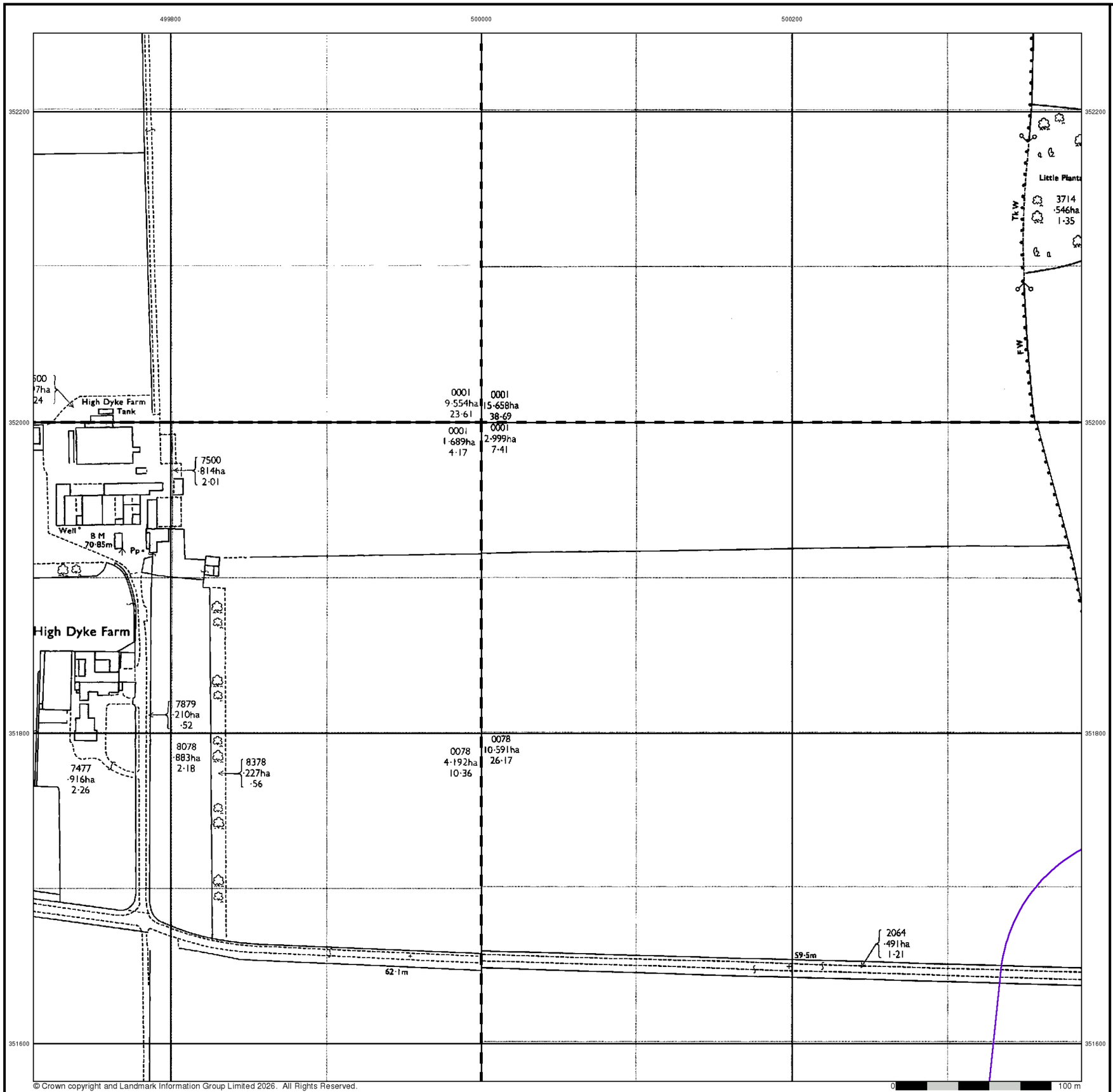
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Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

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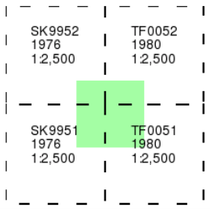
Ordnance Survey Plan

Published 1976 - 1980

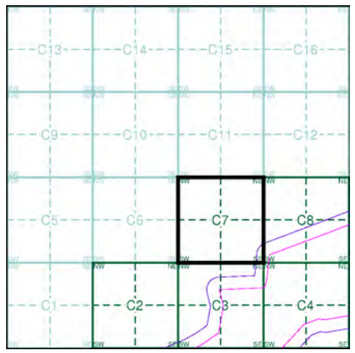
Source map scale - 1:2,500

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 C7



Order Details

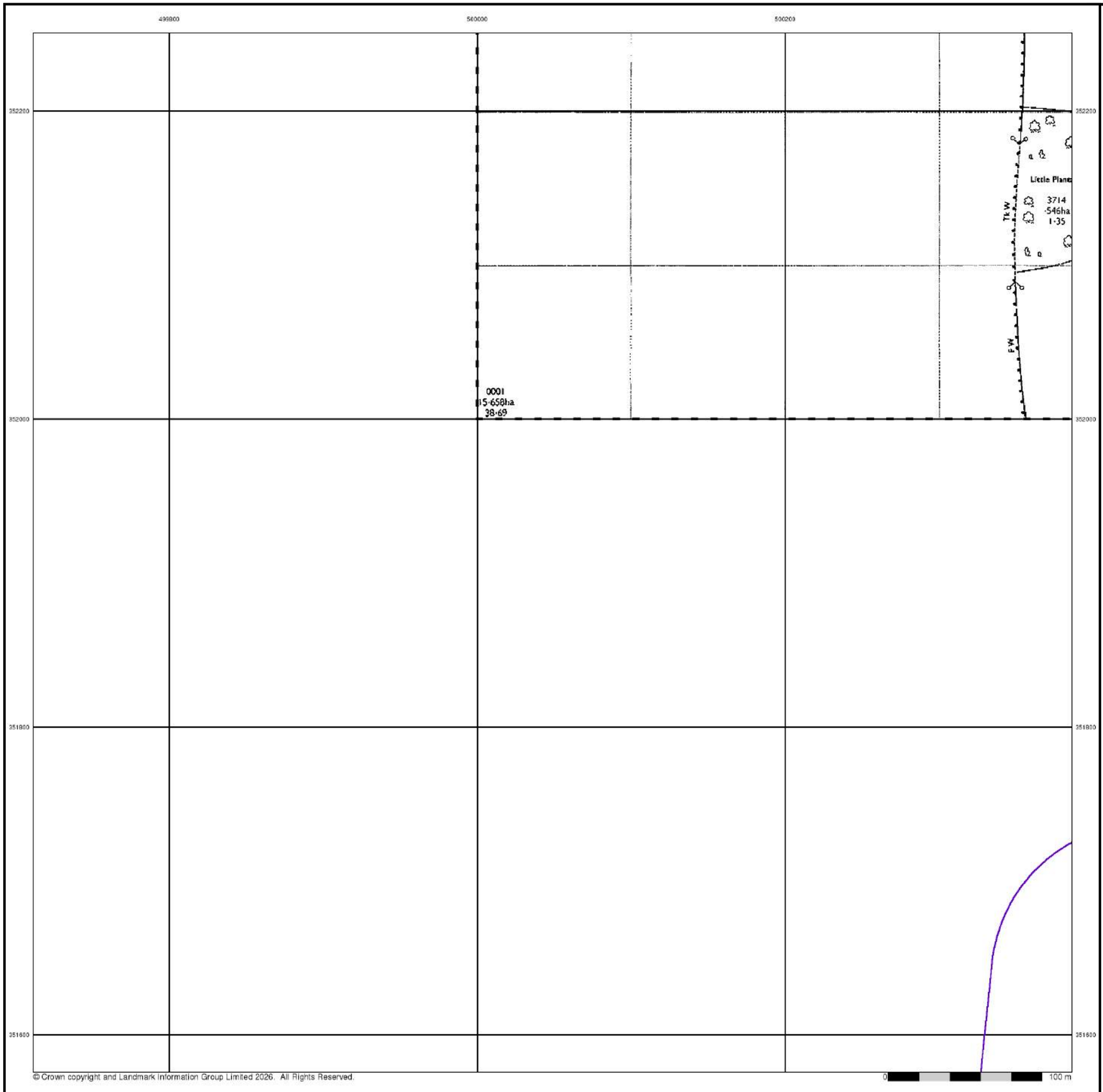
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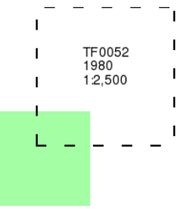
Additional SIMs

Published 1980

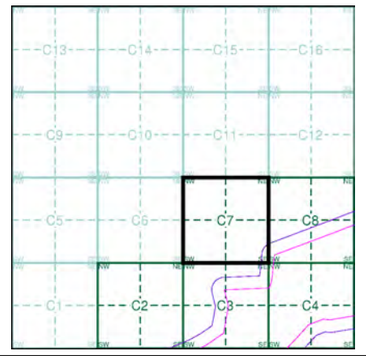
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment C7



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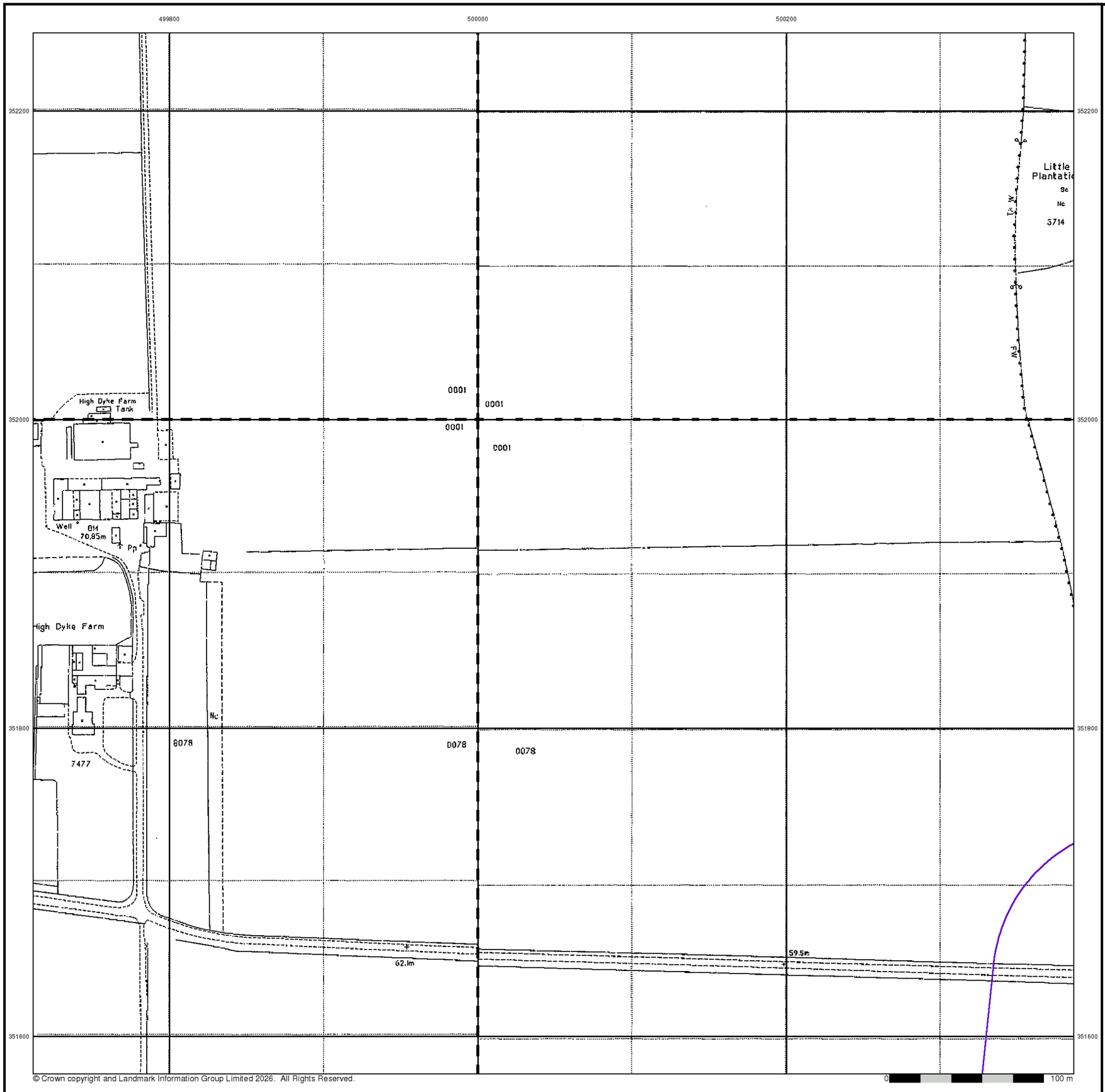
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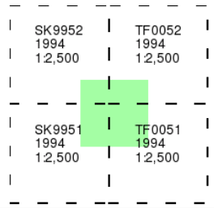
Large-Scale National Grid Data

Published 1994

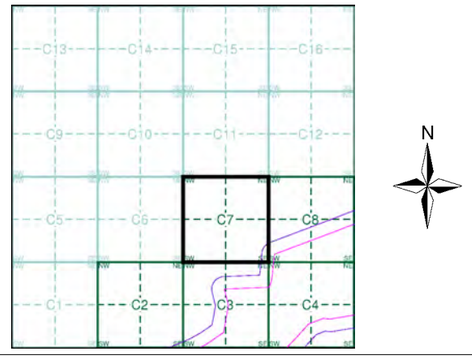
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment C7



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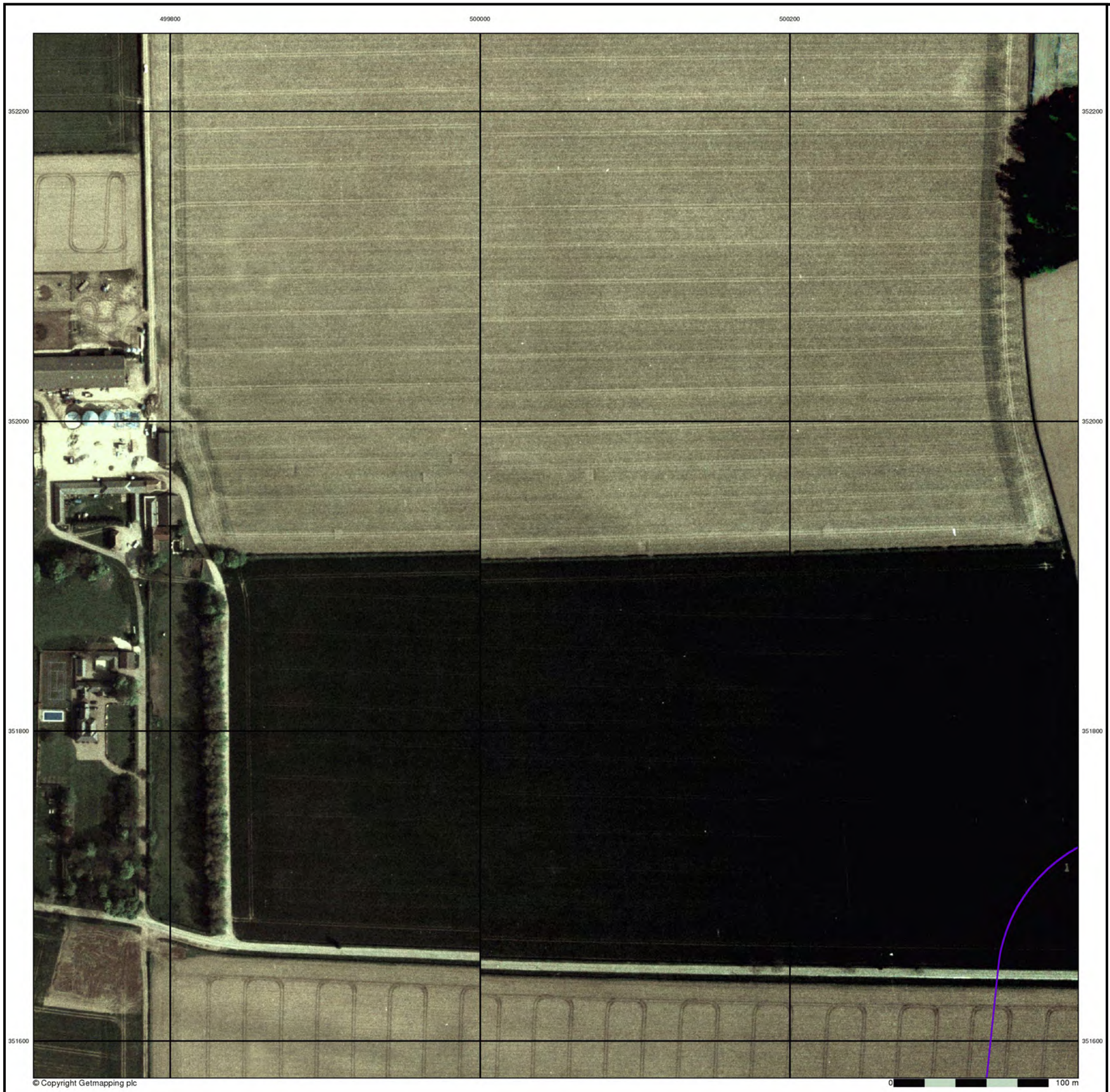
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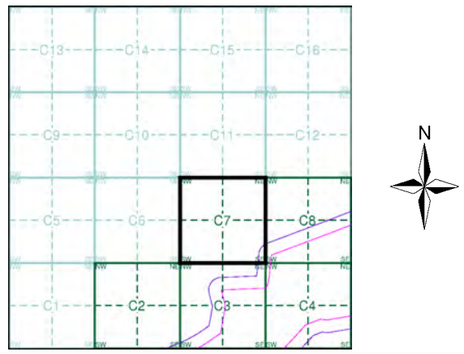
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Historical Aerial Photography

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 C7



Order Details

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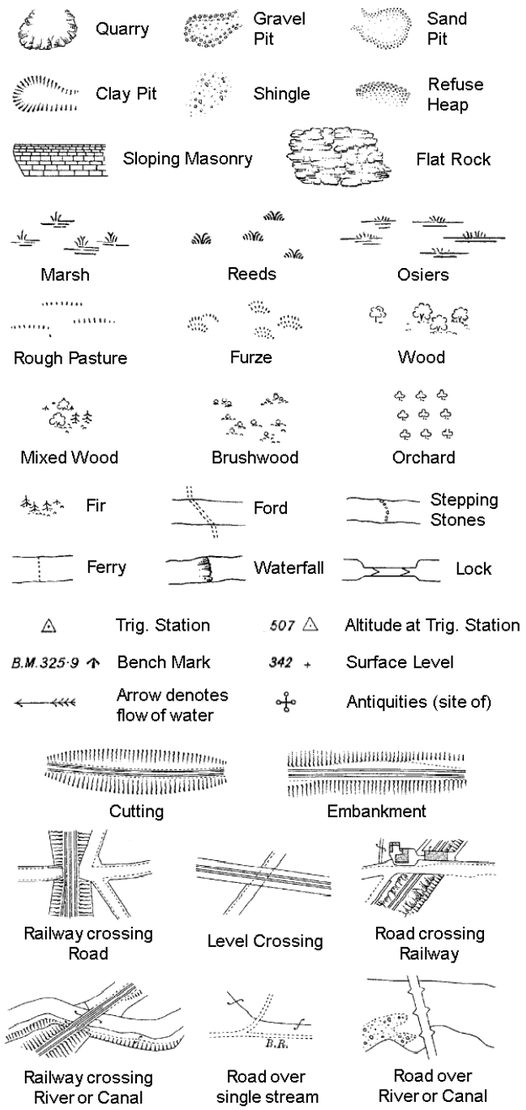
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Historical Mapping Legends

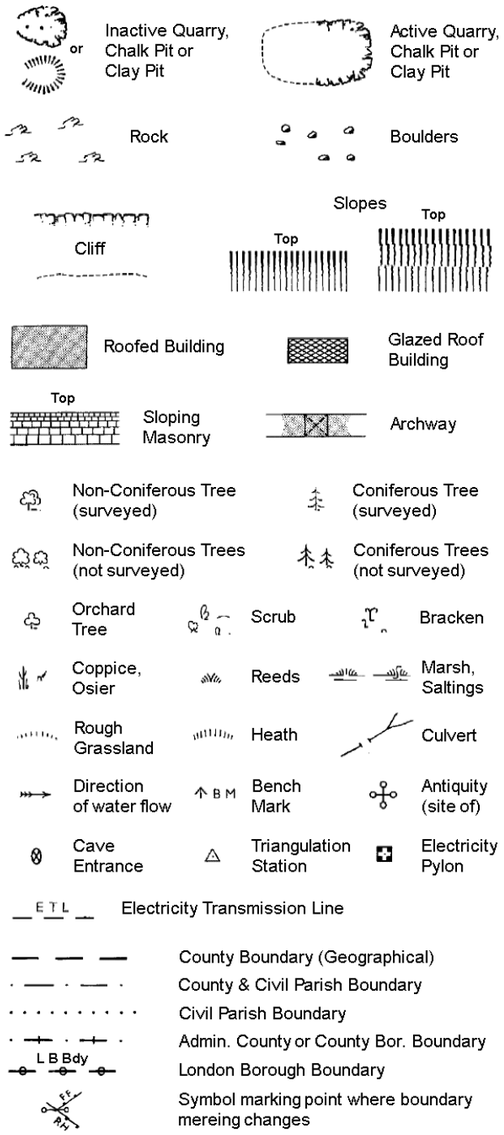
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

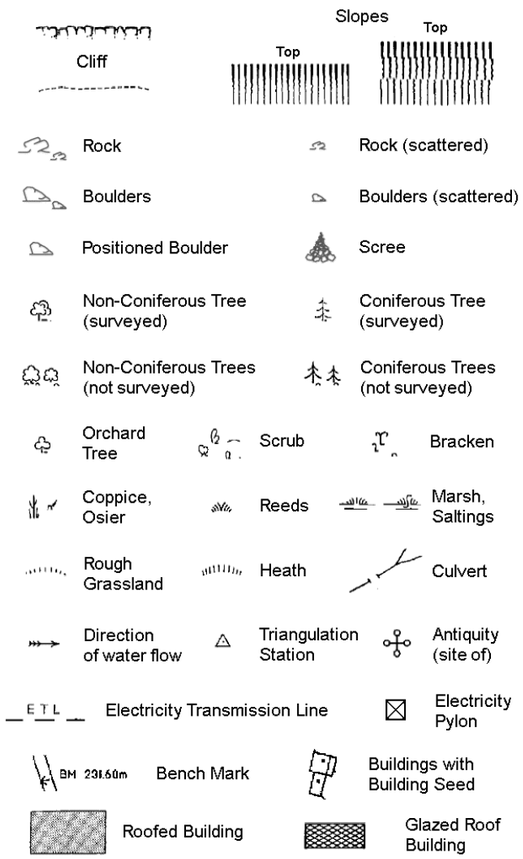
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

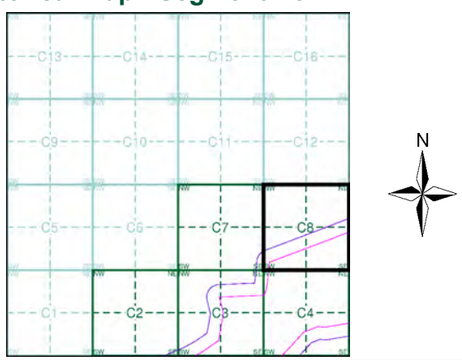
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1887	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1980	4
Additional SIMs	1:2,500	1980	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

Historical Map - Segment C8



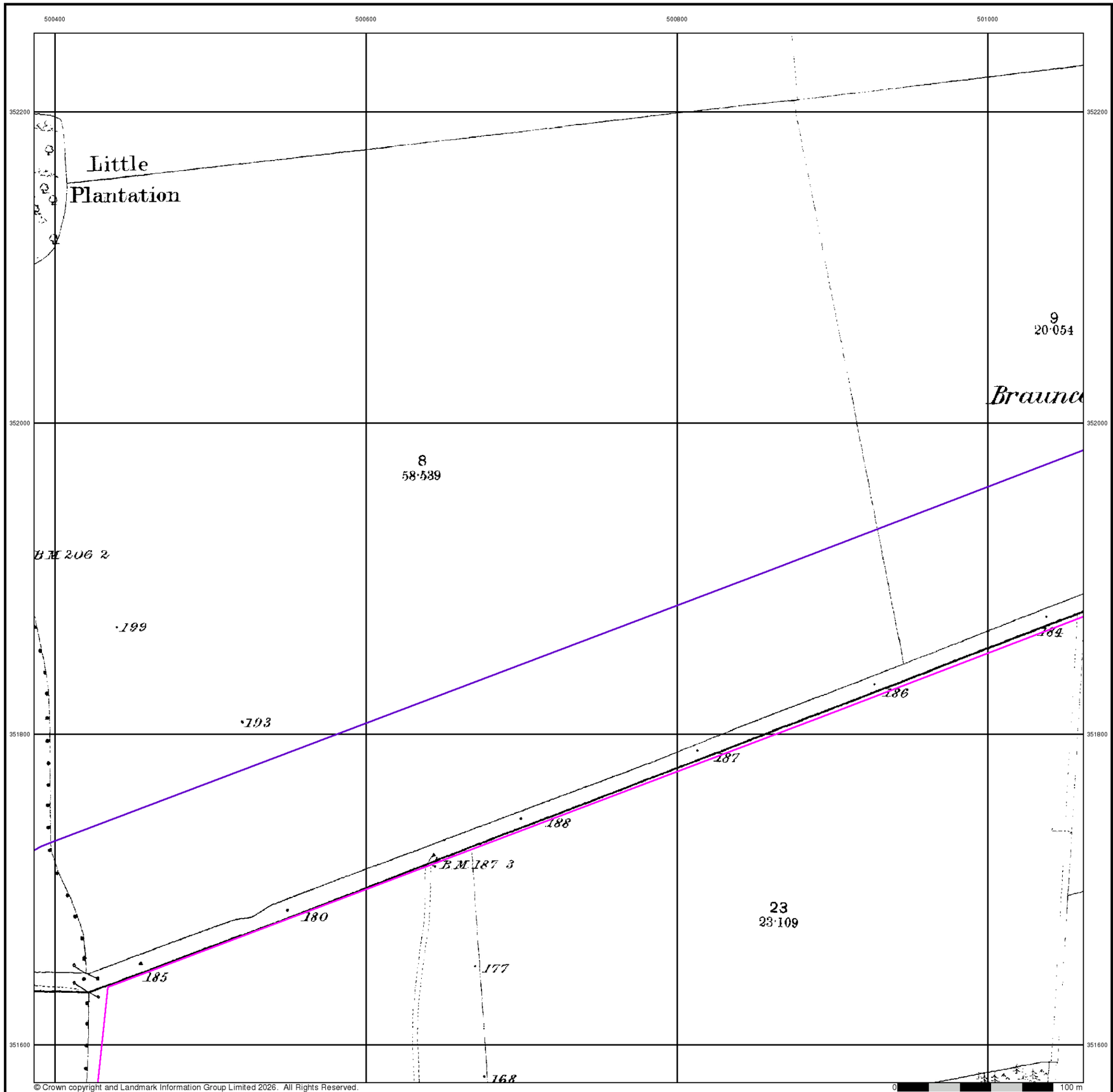
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Search Buffer (m): 100

Site Details

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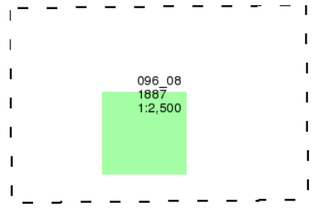
Lincolnshire

Published 1887

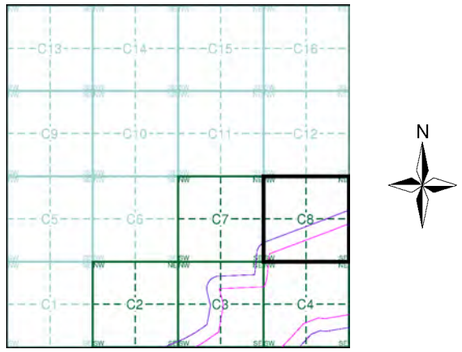
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment C8



Order Details

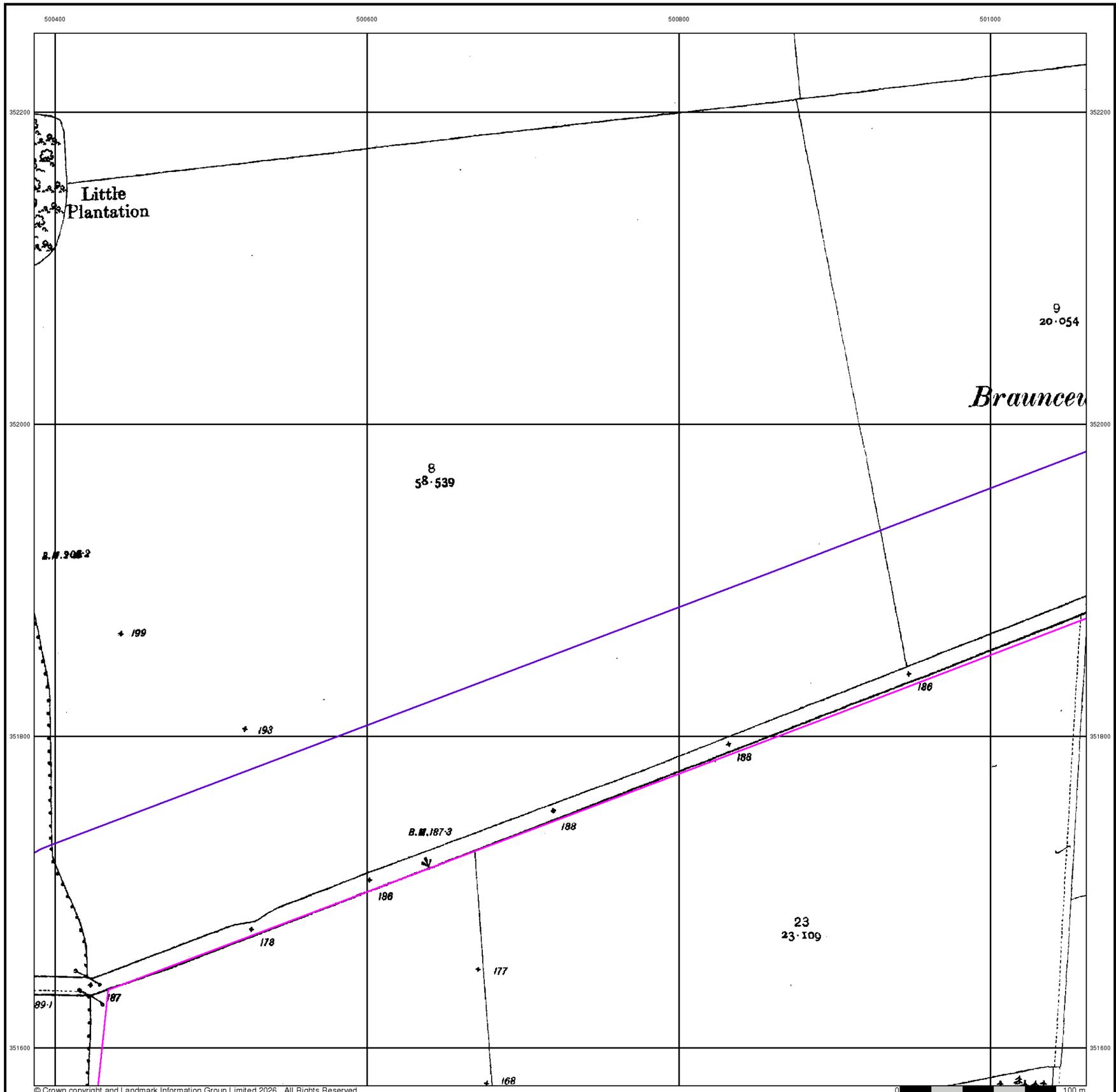
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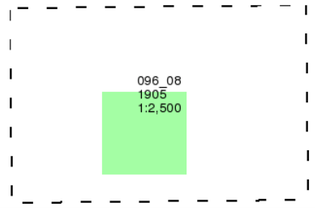
Lincolnshire

Published 1905

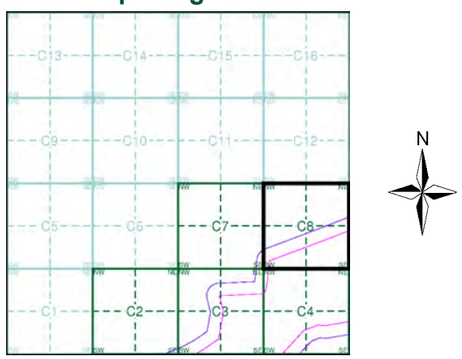
Source map scale - 1:2,500

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Historical Map - Segment C8



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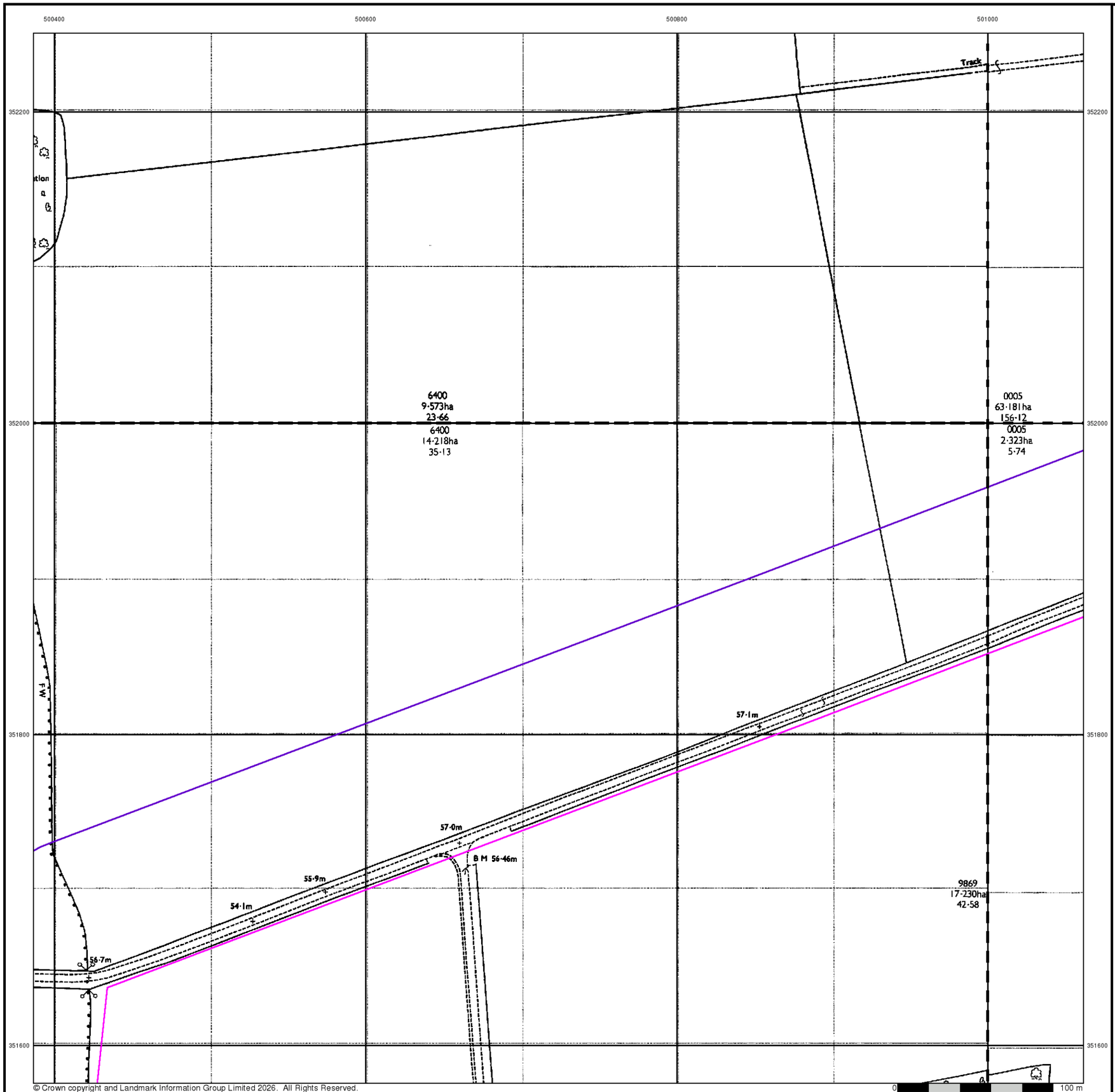
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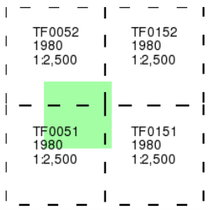
Ordnance Survey Plan

Published 1980

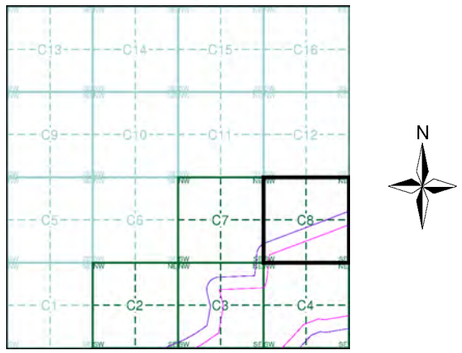
Source map scale - 1:2,500

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Historical Map - Segment C8

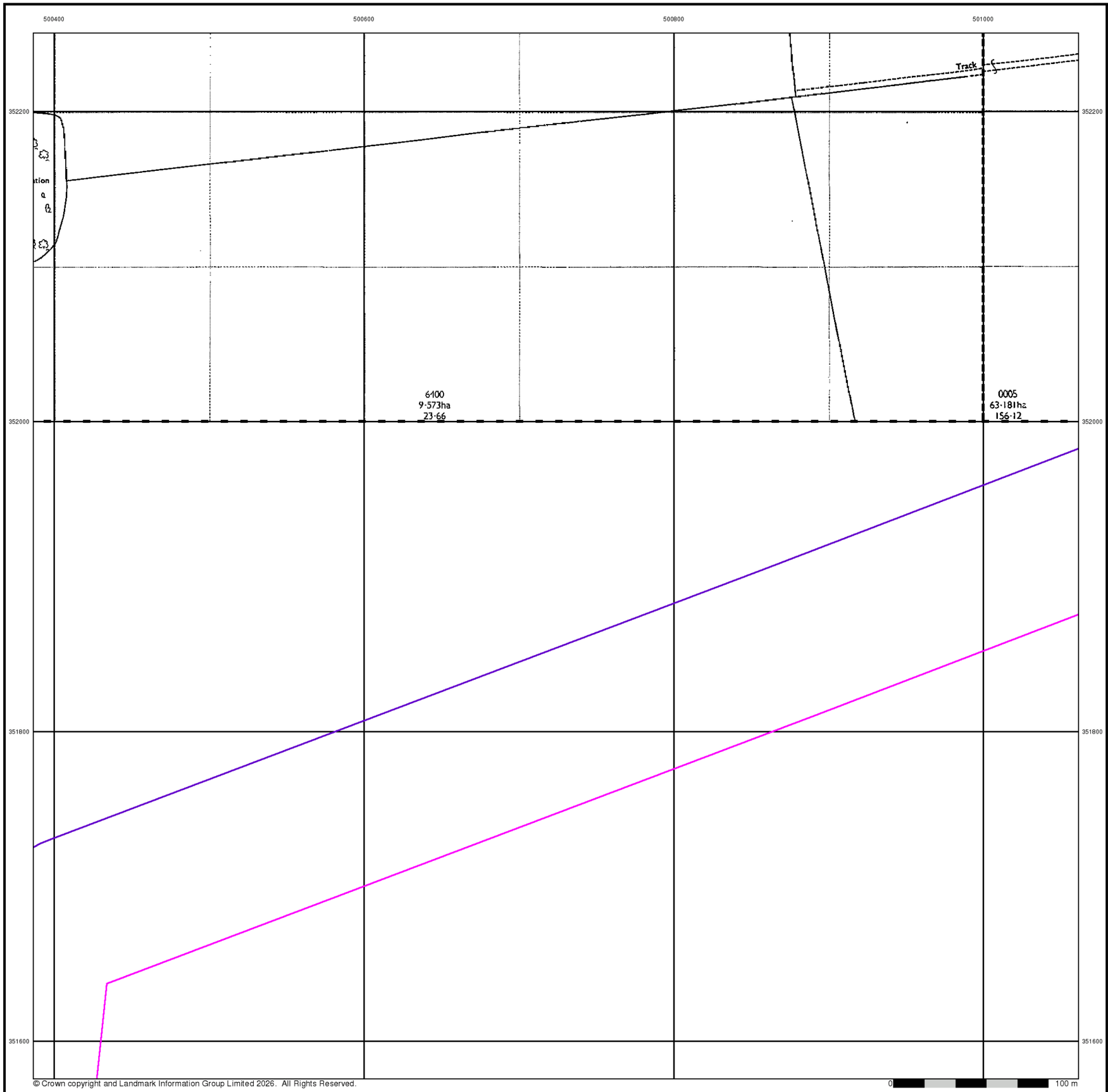


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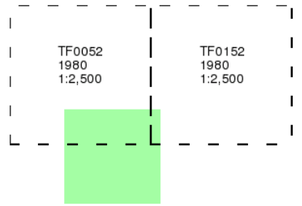
Additional SIMs

Published 1980

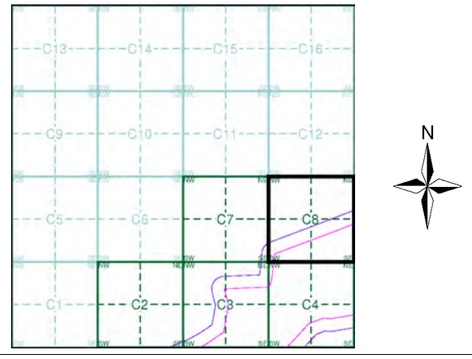
Source map scale - 1:2,500

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Historical Map - Segment C8



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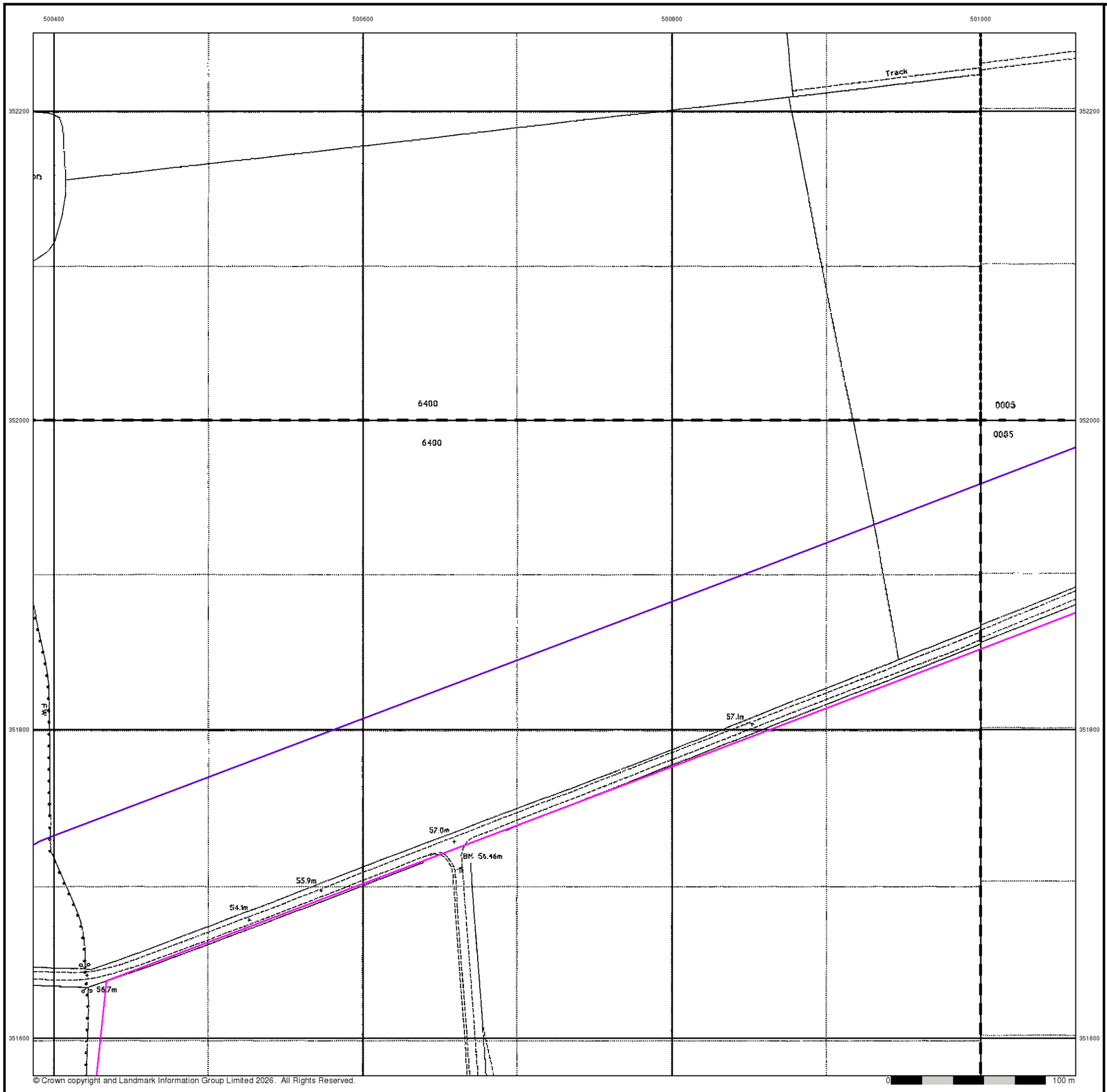
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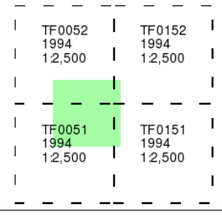
Large-Scale National Grid Data

Published 1994

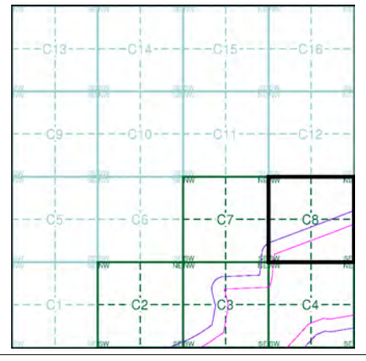
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Historical Map - Segment C8

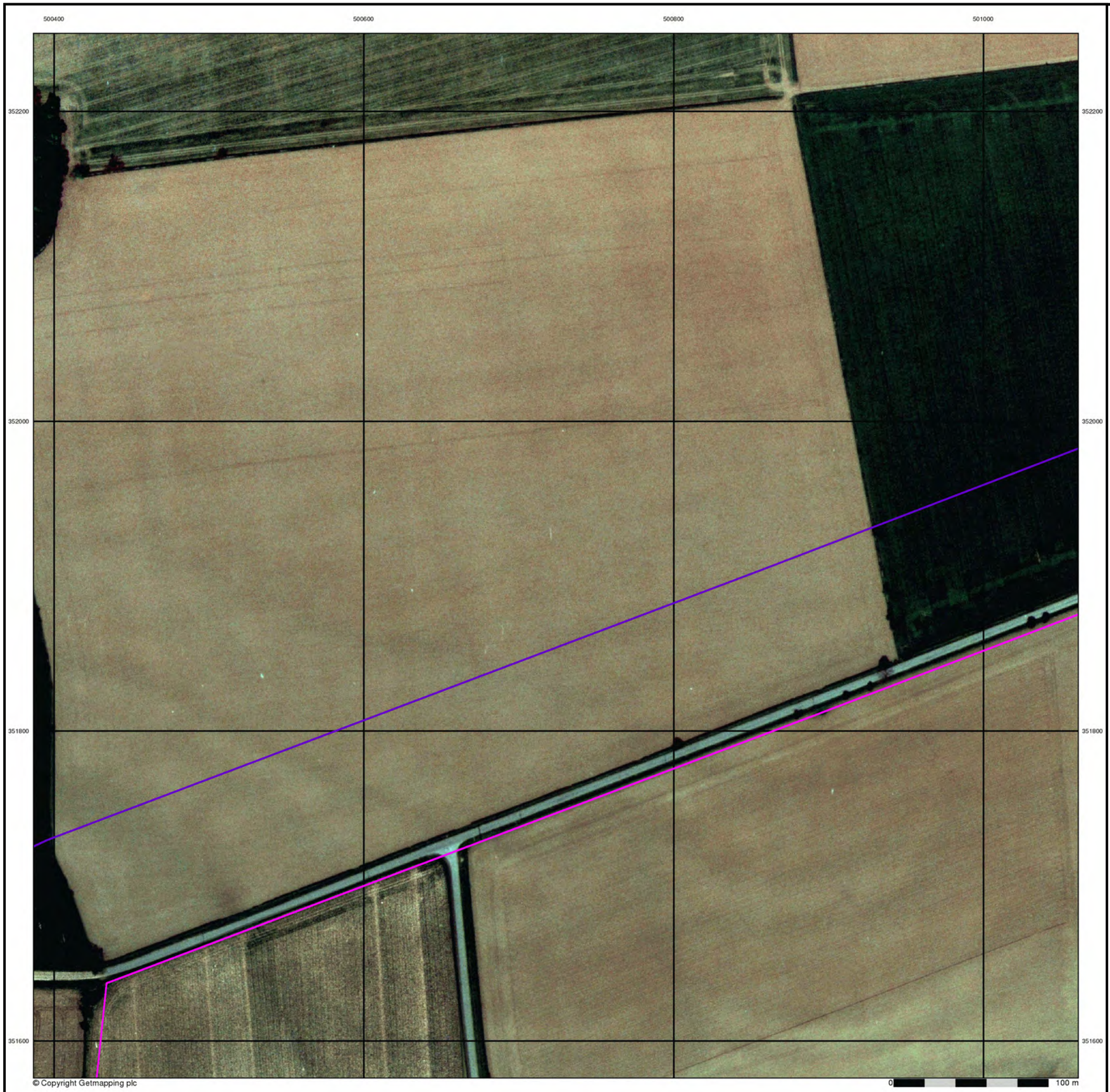


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Search Buffer (m):	100

Site Details

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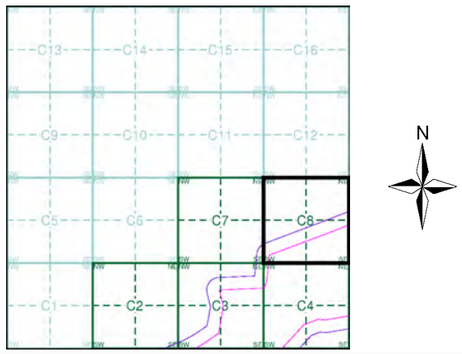
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Historical Aerial Photography

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 C8



Order Details

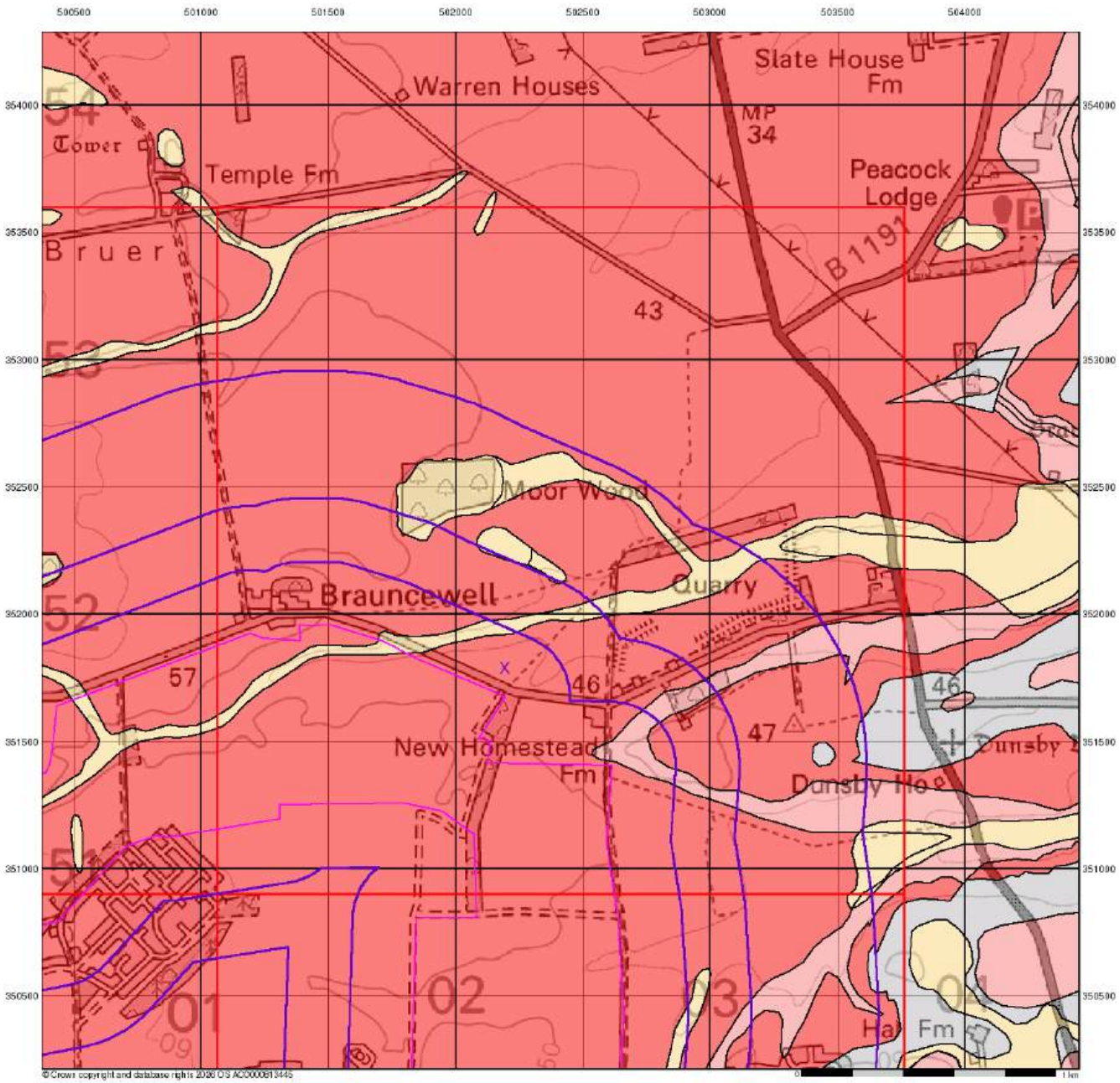
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Customer Ref:	323777
National Grid Reference:	500070, 351680
Slice:	C
Site Area (Ha):	259.07
Search Buffer (m):	100

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Groundwater Vulnerability

General

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

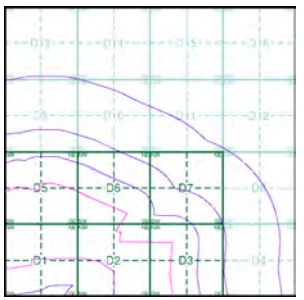
Agency and Hydrological

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

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice D



Order Details

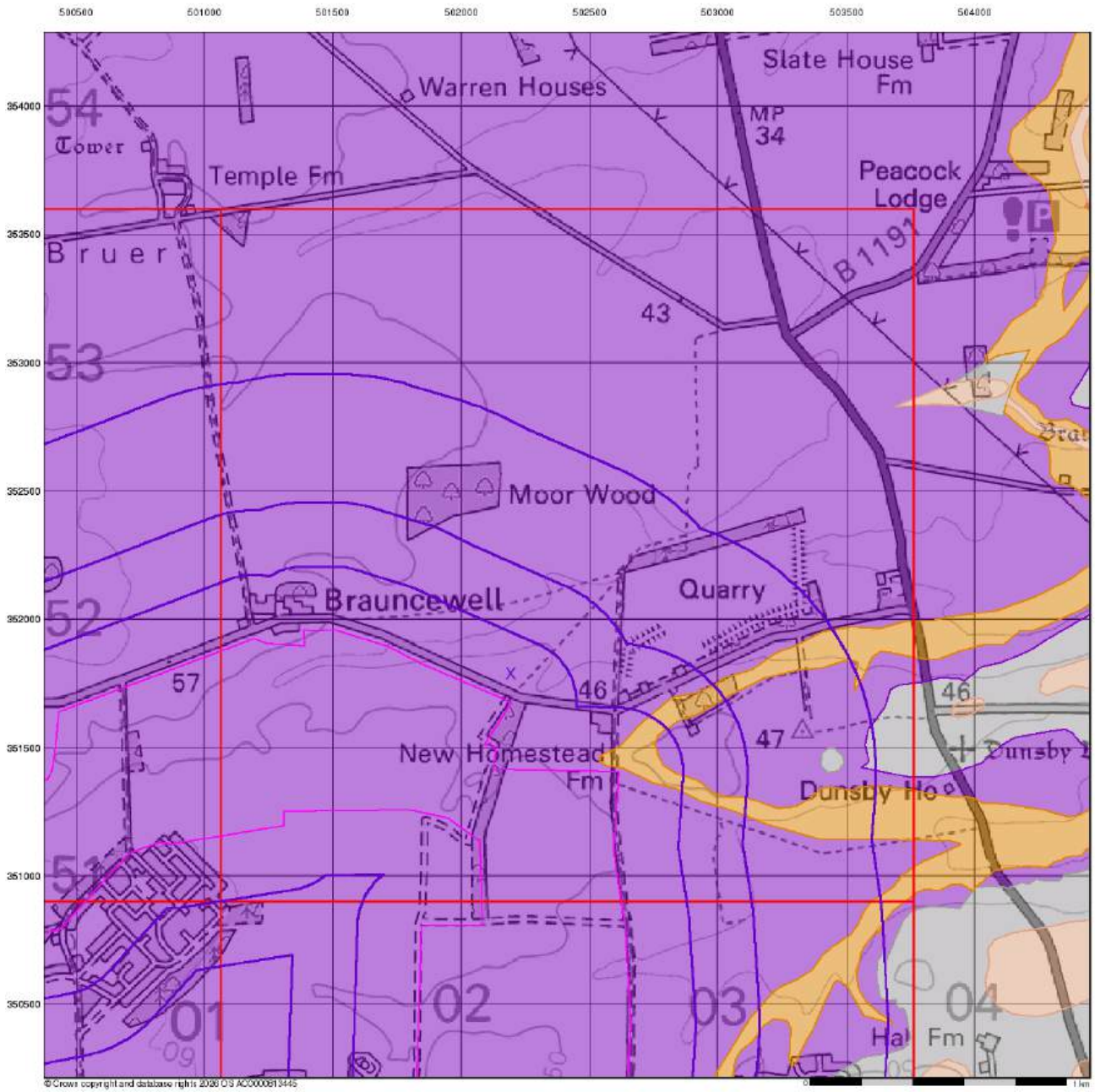
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	1000

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Bedrock Aquifer Designation

General

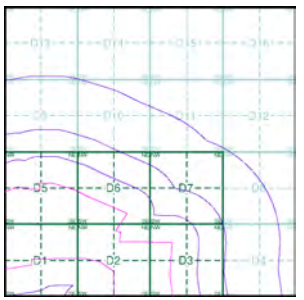
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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 D



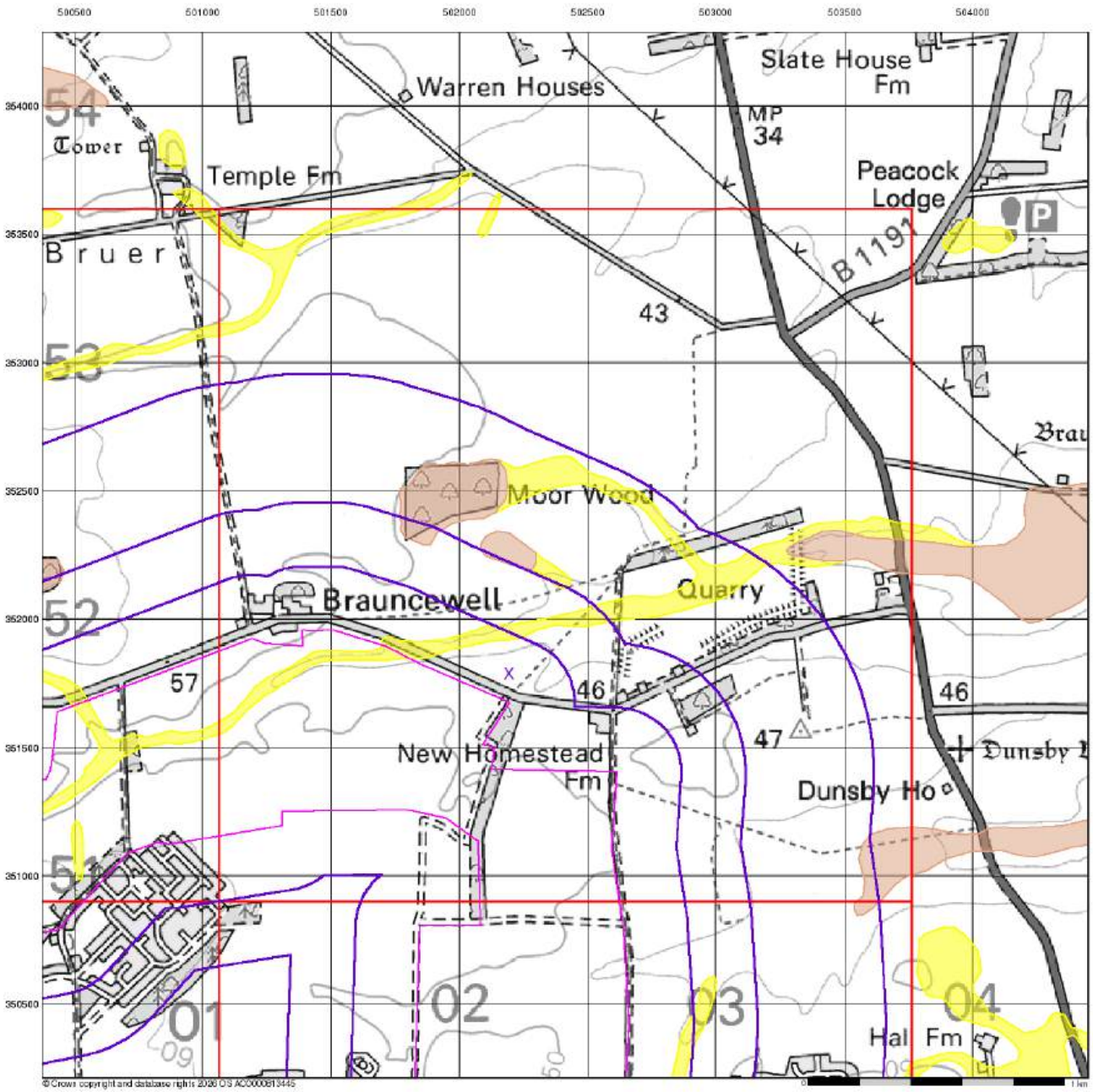
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
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Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Superficial Aquifer Designation

General

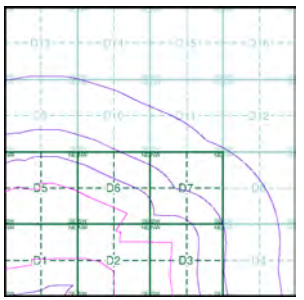
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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 D



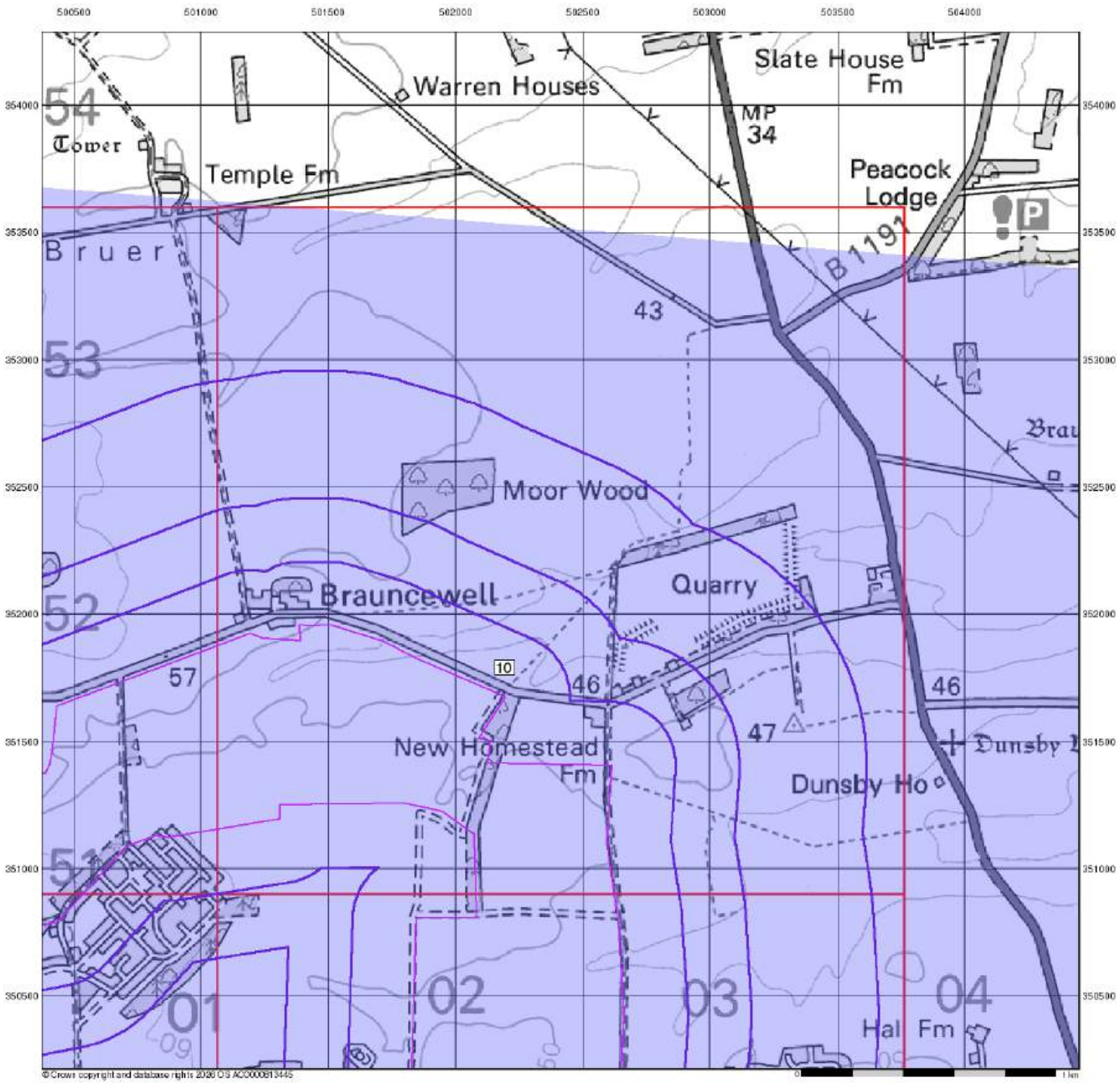
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Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	1000

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Source Protection Zones

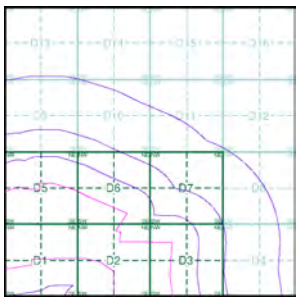
General

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 D



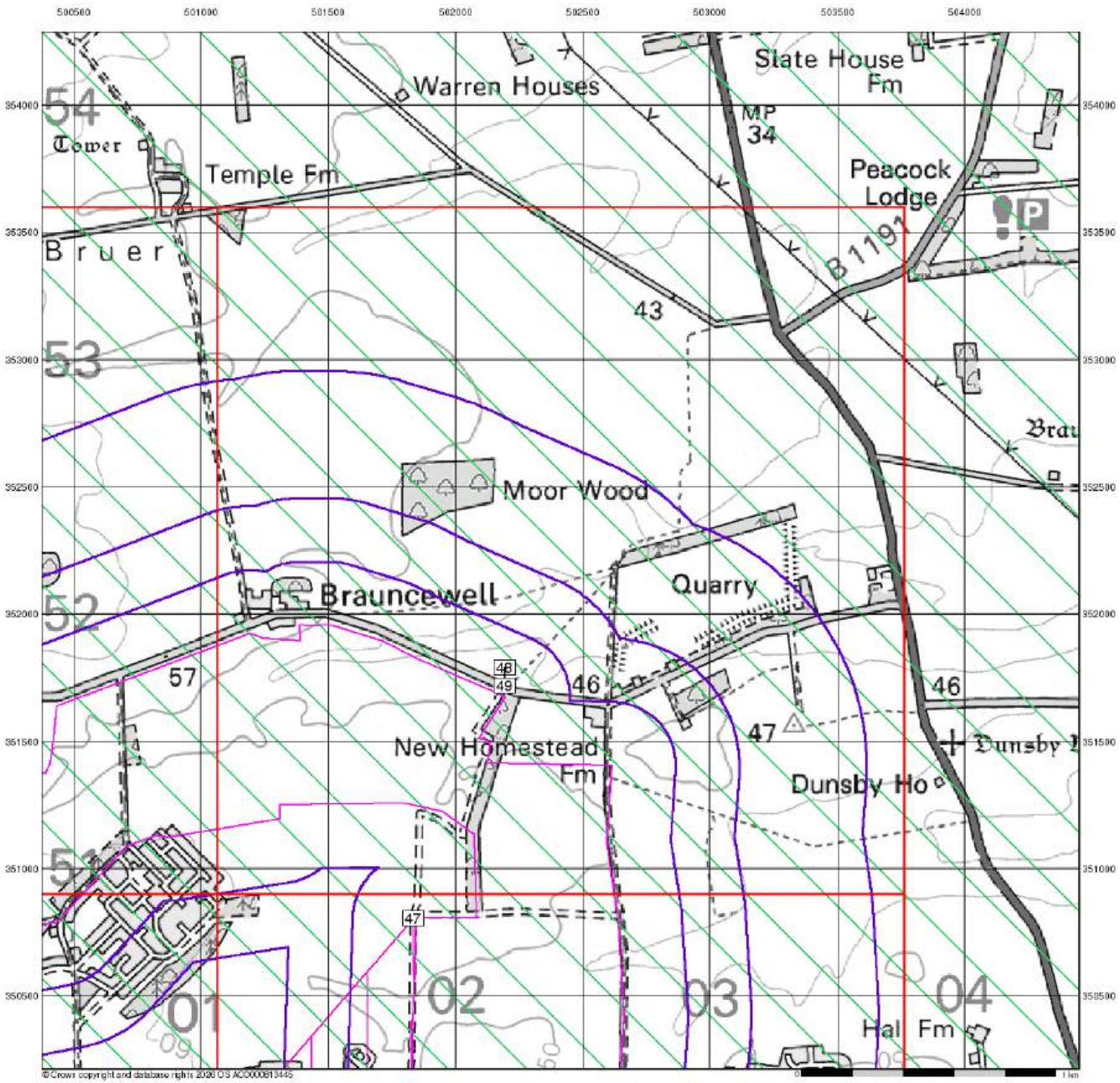
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Sensitive Land Uses

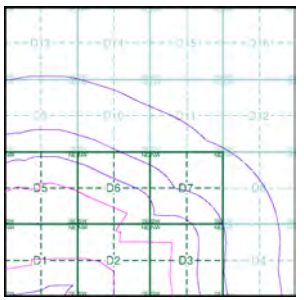
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice D

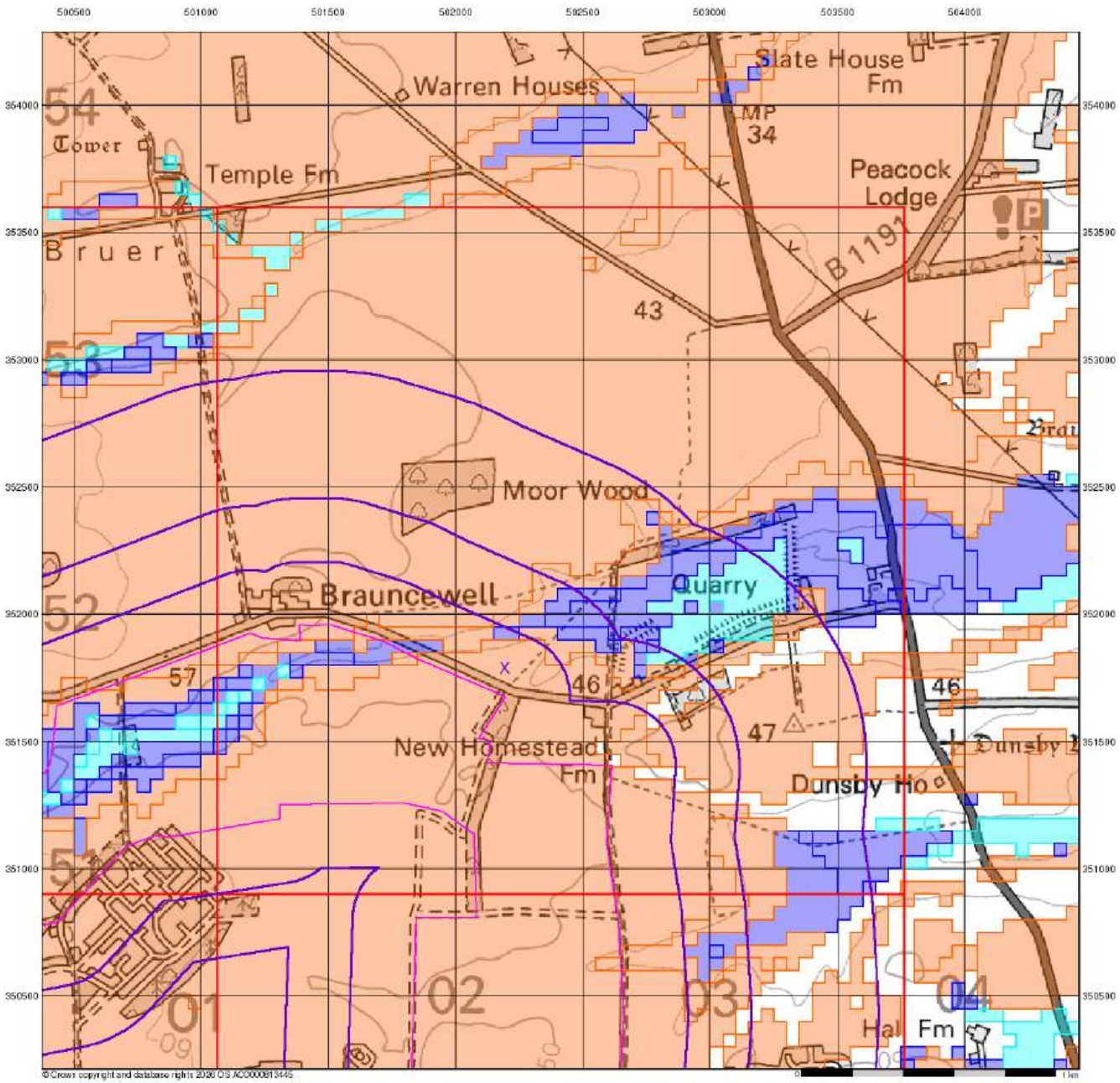


Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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BGS Flood GFS Data

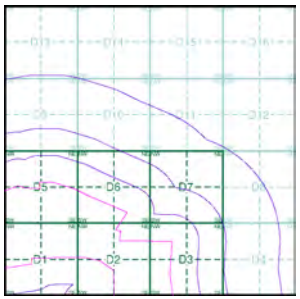
General

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:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
406246422_1_1

Customer Reference:
323777

National Grid Reference:
502190, 351790

Slice:
D

Site Area (Ha):
259.07

Search Buffer (m):
1000

Site Details:

1, Laburnum Road
Cranwell
Sleaford
NG34 8EH

Client Details:

[redacted]
RSK Environment Ltd
9 Mountain View
Helsby
Chesire
WA6 0BD

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Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	13
Hazardous Substances	-
Geological	18
Industrial Land Use	22
Sensitive Land Use	23
Data Currency	24
Data Suppliers	29
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Introduction

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

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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England. The probability result is only valid for properties above ground. All basement and cellar areas are considered to be at additional risk from high radon levels. If an underground room such as a cellar or basement makes up part of the living or working accommodation, the property should be tested regardless of Radon Affected Area status.

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 5	1	5	2	
Prosecutions					
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 7			1	
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 7			3	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7		Yes		
Pollution Incidents to Controlled Waters					
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register					
Water Abstractions	pg 7	1			
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 8	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 10	6	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Source Protection Zones	pg 11	1			
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS NGD Water Network Links	pg 11		1	2	5
Water Framework Directive - Catchment	pg 12	Yes			Yes
Water Framework Directive - Groundwater	pg 12	Yes	Yes		
Water Framework Directive - Surface Waters					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 13		5		
Licensed Waste Management Facilities (Locations)	pg 13			2	7
Local Authority Landfill Coverage	pg 15	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 15	2	1	2	
Potentially Infilled Land (Water)					
Registered Landfill Sites	pg 16				2
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Waste Exemption Permits	pg 16		3		
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	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 18	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 18	Yes	Yes		Yes
BGS Recorded Mineral Sites	pg 19	2	1	3	1
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 20	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 20	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 21	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 21	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 21	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 22			1	
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 22			3	4
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental					
Pollution Inventory					
Underground Electrical Cables					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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	pg 23	1			
Nitrate Vulnerable Zones	pg 23	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: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	501000 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	500650 351400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	501050 351700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SW (W)	0	1	501100 351700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D5SW (W)	0	1	501150 351700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D5SW (W)	0	1	501200 351700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SW (W)	0	1	501250 351700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D5SW (W)	0	1	501300 351700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	500900 351650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	501050 351650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D5SW (W)	0	1	501100 351650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D5SW (W)	0	1	501150 351650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SW (W)	0	1	501200 351650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D5SE (W)	0	1	501450 351850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SE (W)	0	1	501600 351850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D6SE (NW)	0	1	502100 351850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	500550 351450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	501050 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	501000 351450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	500550 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	500500 351350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	500550 351350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	500650 351350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	500850 351400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SW (W)	0	1	501100 351750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SW (W)	0	1	501200 351750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D5SW (W)	0	1	501250 351750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	500600 351600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	500900 351600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	501000 351600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D5SW (W)	0	1	501100 351600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SW (W)	0	1	501150 351600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SW (W)	0	1	501200 351600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	500600 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	500650 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	501050 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1NW (W)	0	1	501100 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1NW (W)	0	1	501150 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	500600 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D6NE (N)	0	1	502150 351950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D6SE (NW)	0	1	502192 351789
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SW (W)	0	1	501200 351789
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D5SW (W)	0	1	501350 351789
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SE (W)	0	1	501400 351789

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	(W)	0	1	500750 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1NW (W)	0	1	501100 351500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SW (W)	0	1	501300 351789
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D5SE (W)	0	1	501400 351750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D5SE (W)	0	1	501700 351789
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SW (W)	0	1	501350 351800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5SE (W)	0	1	501600 351800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D6SW (W)	0	1	501950 351850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D6SW (W)	0	1	501850 351800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	500400 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	500500 351250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D5SW (W)	0	1	501250 351650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D3SE (SE)	0	1	503000 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D5SW (W)	0	1	501150 351789
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	500550 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	500600 351650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	500450 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	500500 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	500550 351300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	500500 351200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D5SW (W)	0	1	501300 351800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D3NW (SE)	38	1	502600 351500

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	D3NE (SE)	144	1	502750 351550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D6SE (N)	187	1	502192 351900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D6SE (NE)	197	1	502250 351900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D6NE (N)	233	1	502192 351950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D4SW (SE)	253	1	503250 351150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D6NE (N)	273	1	502250 351950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D7SW (E)	297	1	502550 351800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D6SE (NE)	303	1	502400 351900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D6NE (NE)	314	1	502350 351950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D6NE (N)	319	1	502250 352000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	346	1	503000 350600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	352	1	503000 350700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	355	1	503200 350450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D7SW (E)	355	1	502700 351789
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D6NE (NE)	359	1	502350 352000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D7SE (E)	371	1	502750 351789
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	399	1	503050 350650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D7SW (E)	404	1	502700 351800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D7SE (E)	417	1	502750 351800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	452	1	503100 350700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D7SW (E)	453	1	502650 351900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D7SE (E)	465	1	502750 351850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D7SE (E)	488	1	502900 351800
1	**Discharge Consents** Operator: Estate Associates Limited Property Type: Domestic Property (Single) Location: Old Cottage, Brauncewell, Sleaford. Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr3lfu557 Permit Version: 1 Effective Date: 11th February 1966 Issued Date: 11th February 1966 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Land/Soakaway Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	D5SW (W)	0	2	501200 351900
2	**Discharge Consents** Operator: Estate Associates Limited Property Type: Domestic Property (Multiple) Location: Grange Farm Cottages Brauncewell, Sleaford., Lincs, Ln5 0dh Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr3lfu5510 Permit Version: 1 Effective Date: 11th February 1966 Issued Date: 11th February 1966 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Land/Soakaway Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	D5SW (W)	10	2	501100 351900
3	**Discharge Consents** Operator: W S Elkington & Sons Property Type: Not Supplied Location: Brauncewell Manor, Brauncewell, Sleaford. Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr3lfu559 Permit Version: 1 Effective Date: 11th February 1966 Issued Date: 11th February 1966 Revocation Date: 2nd June 1997 Discharge Type: Unknown Discharge Environment: Land/Soakaway Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	D5NW (W)	76	2	501200 352000
4	**Discharge Consents** Operator: Hallsworth (Farmland Trust) Ltd Property Type: Domestic Property (Single) Location: New Homestead Farm Brauncewell, Sleaford., Lincs, Ng34 8rl Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr3lfu5511 Permit Version: 2 Effective Date: 14th December 2011 Issued Date: 14th December 2011 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Land **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	D3NW (SE)	101	2	502553 351508

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Discharge Consents** Operator: Hallsworth (Farmland Trust) Ltd Property Type: Domestic Property (Single) Location: New Homestead Farm Brauncewell, Sleaford., Lincs, Ng34 8rl Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr3lfu5511 Permit Version: 1 Effective Date: 11th February 1966 Issued Date: 11th February 1966 Revocation Date: 13th December 2011 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	D3NW (SE)	101	2	502553 351508
5	**Discharge Consents** Operator: Ag Reserves Ltd Property Type: Arable Farming Location: Manor Farm Church End Wood, Walton, Huntingdon, Cambs, Pe17 5yz Authority: Environment Agency, Anglian Region Catchment Area: Catchment 29 Unknown Detail Reference: Gwnlf40713 Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 19th July 2000 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Agricultural And Surface Discharge Environment: Onto Land Receiving Water: Groundwater **Status: Deemed Groundwater Regulations Authorisation** Positional Accuracy: Located by supplier to within 100m	D7SW (SE)	192	2	502500 351600
6	**Discharge Consents** Operator: Mrs J Matthews Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Brauncewell Hill Top Cottages, Brauncewell, Sleaford. Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr3lfu561 Permit Version: 1 Effective Date: 14th March 1972 Issued Date: 14th March 1972 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Land/Soakaway Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	D3NE (E)	303	2	502900 351500
6	**Discharge Consents** Operator: Mr D J George Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Brauncewell Hill Top Cottages, Brauncewell, Sleaford. Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr3lfu5512 Permit Version: 1 Effective Date: 11th February 1966 Issued Date: 11th February 1966 Revocation Date: 30th May 1997 Discharge Type: Unknown Discharge Environment: Land/Soakaway Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	D3NE (E)	303	2	502900 351500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Integrated Pollution Prevention And Control** Name: Brauncewell Quarries Limited Location: Brauncewell Quarry, Brauncewell, Lincolnshire, NG34 8RL Authority: Environment Agency, Anglian Region Permit Reference: YP3238LE Original Permit Ref: Yp3238le Effective Date: 31st March 2008 **Status: Regulatory change** Application Type: New App. Sub Type: Not Supplied Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Directly Associated Activity (Included) Primary Activity: N Activity Code: 5.2 A(1) (B) Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply Primary Activity: Y	D7SW (E)	330	2	502733 351713
8	**Local Authority Pollution Prevention and Controls** Name: Brauncewell Quarries Ltd Location: Brauncewell, LN5 0DH Authority: North Kesteven District Council, Environmental Health Department Permit Reference: Ippc/2004/7 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/8 Quarry processes including roadstone plants and the size reduction of bricks, tiles and concrete **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	D7SW (E)	304	3	502722 351689
8	**Local Authority Pollution Prevention and Controls** Name: Brauncewell Quarries Ltd Location: Brauncewell Quarry, Brauncewell, Sleaford, Lincolnshire, Ng34 8rl Authority: North Kesteven District Council, Environmental Health Department Permit Reference: Ag4700 Dated: 16th September 1992 Process Type: Local Authority Air Pollution Control Description: Processes registered under S. 9 of the Alkali Act 1906 and S. 5 of the Health & Safety at Work Act 1974 **Status: Application Refused Or Cancelled** Positional Accuracy: Manually positioned to the address or location	D7SW (E)	310	3	502735 351691
8	**Local Authority Pollution Prevention and Controls** Name: Brauncewell Quarries Ltd Location: Brauncewell, Ng34 7ef Authority: North Kesteven District Council, Environmental Health Department Permit Reference: IPPC/2004/7 Dated: 1st January 2005 Process Type: Local Authority Pollution Prevention and Control Description: PG3/8 Quarry processes including roadstone plants and the size reduction of bricks, tiles and concrete **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	D7SW (E)	330	3	502733 351713
	Nearest Surface Water Feature	D3NW (SE)	1	-	502610 351358
9	**Water Abstractions** Operator: W. Banks Licence Number: 4/30/11/*g/079 Permit Version: Not Supplied Location: Brauncewell Grange Borehole, BRAUNCEWELL Authority: Environment Agency, Anglian Region Abstraction: Domestic & Agriculture Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 1 Yearly Rate (m3): 4550 Details: Central Lincolnshire Limestone; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	D5SW (W)	0	2	501100 351750

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: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SW)	0	2	500533 351000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(W)	0	2	500526 351193
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(W)	0	2	501000 351571
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	D6SW (NW)	0	2	502000 351888

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SW)	0	2	501000 351000
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	D2SW (S)	0	2	502000 351000
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	D2SE (S)	0	2	502192 351000
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(W)	0	2	501000 351789

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(W)	0	2	501000 351532
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	D6NW (NW)	0	2	502000 351937
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	D6SW (W)	0	2	502000 351789
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	D6SE (NW)	0	2	502192 351789
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	(SW)	0	2	501000 351000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	D2SW (S)	0	2	502000 351000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	D2SE (S)	0	2	502192 351000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	(W)	0	2	501000 351789

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	D6SW (W)	0	2	502000 351789
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	D6SE (NW)	0	2	502192 351789
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	D6SE (NW)	0	2	502192 351789
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(W)	0	2	500526 351193
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	D6NE (N)	0	2	502181 351918
10	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	D6SE (NW)	0	2	502192 351789
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
11	**OS NGD Water Network Links** Description: Drain Length: 306.074 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	D3NW (SE)	3	4	502613 351360
12	**OS NGD Water Network Links** Description: Drain Length: 13.531 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	D3NE (SE)	299	4	502902 351260
13	**OS NGD Water Network Links** Description: Drain Length: 491.238 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	D3NE (SE)	312	4	502915 351257
14	**OS NGD Water Network Links** Description: Drain Length: 13.188 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	D4SW (SE)	782	4	503382 351105

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**OS NGD Water Network Links** Description: Drain Length: 121.208 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	D4SW (SE)	794	4	503395 351101
16	**OS NGD Water Network Links** Description: Drain Length: 489.323 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	D4SE (SE)	912	4	503513 351109
17	**OS NGD Water Network Links** Description: Drain Length: 8.679 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	D4SE (SE)	912	4	503513 351109
18	**OS NGD Water Network Links** Description: Drain Length: 205.176 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Witham Primacy: 1	D4SE (SE)	912	4	503515 351100
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Ruskington Beck WaterBody ID: GB105030056700 Operational Catchment: Witham Lower Management Catchment: Witham Catchment Name: Witham	D6SE (NW)	0	2	502192 351789
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Dorrington Dike WaterBody ID: GB105030056175 Operational Catchment: Witham Lower Management Catchment: Witham Catchment Name: Witham	D10NW (N)	518	2	501890 352886
	Water Framework Directive - Groundwater Waterbody Name: Witham Limestone Unit A Waterbody ID: GB40501G444800 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40501G444800 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Poor Year: 2019	D6SE (NW)	0	2	502192 351789
	Water Framework Directive - Groundwater Waterbody Name: Blisworth Limestone Rutland formation Waterbody ID: GB40501G444900 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40501G444900 Overall Rating: Good Chemical Rating: Good Quantitative Measure: Good Year: 2019	D3NE (E)	200	2	502844 351549

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Brauncewell Quarry Licence Number: 70905 Location: Brauncewell Quarries Ltd, Brauncewell, Sleaford, Lincolnshire, NG34 8RL Licence Holder: Brauncewell Quarries Ltd Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied **Licence Status:** **Inactive** Issued: 28th July 1986 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	D7SW (E)	227	2	502609 351764
20	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Brauncewell Quarry Licence Number: 70905 Location: BRAUNCEWELL QUARRIES LIMITED, Brauncewell, Sleaford, Lincolnshire, NG34 8RL Licence Holder: Brauncewell Quarries Limited Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied **Licence Status:** **Expired** Issued: 28th July 1986 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	D7SW (E)	227	2	502609 351764
21	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Brauncewell Quarry Licence Number: 73008 Location: BRAUNCEWELL QUARRIES LIMITED, Brauncewell Quarry, Brauncewell, Sleaford, Lincolnshire, NG34 8RL Licence Holder: Brauncewell Quarries Limited Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied **Licence Status:** **Issued** Issued: 12th April 2001 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	D7SW (E)	241	2	502617 351792
22	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Brauncewell Quarry Landfill Licence Number: 73320 Location: Brauncewell Quarry, Brauncewell, Sleaford, Lincolnshire, NG34 8RL Licence Holder: Brauncewell Quarries Ltd Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied **Licence Status:** **Inactive** Issued: 19th March 2007 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	D7SW (E)	246	2	502624 351726
23	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Brauncewell Quarry Landfill Licence Number: 73320 Location: BRAUNCEWELL QUARRIES LIMITED, Brauncewell Quarry, Brauncewell, Sleaford, Lincolnshire, NG34 8RL Licence Holder: Brauncewell Quarries Limited Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied **Licence Status:** **Expired** Issued: 19th March 2007 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	D7SW (E)	246	2	502624 351726
24	**Licensed Waste Management Facilities (Locations)** Licence Number: 101884 Location: Brauncewell Quarry, Brauncewell, Sleaford, Lincolnshire, NG34 8RL Operator Name: Brauncewell Quarries Ltd Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Northern Area Site Category: Inert & excavation Waste TS + treatment **Licence Status:** **Modified** Issued: 30th January 2012 Last Modified: 9th July 2021 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	D7SW (E)	419	2	502731 351808

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	**Licensed Waste Management Facilities (Locations)** Licence Number: 101884 Location: Brauncewell Quarry, Brauncewell, Sleaford, Lincolnshire, NG34 8RL Operator Name: BRAUNCEWELL QUARRIES LIMITED Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Northern Area Site Category: Physical Treatment Facilities **Licence Status: Issued** Issued: 30th January 2012 Last Modified: 17th August 2023 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	D7SW (E)	419	2	502731 351808
25	**Licensed Waste Management Facilities (Locations)** Licence Number: 210104 Location: Brauncewell Quarries, Brauncewell, Lincolnshire, NG34 8RL Operator Name: BRAUNCEWELL QUARRIES LIMITED Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Northern Area Site Category: Inert LF **Licence Status: Expired** Issued: 19th March 2007 Last Modified: 19th March 2007 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	D7NE (E)	750	2	502967 352067
25	**Licensed Waste Management Facilities (Locations)** Licence Number: 210104 Location: Brauncewell Quarries, Brauncewell, Lincolnshire, NG34 8RL Operator Name: BRAUNCEWELL QUARRIES LIMITED Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Northern Area Site Category: Inert LF **Licence Status: Expired** Issued: 19th March 2007 Last Modified: 19th March 2007 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	D7NE (E)	750	2	502967 352067
25	**Licensed Waste Management Facilities (Locations)** Licence Number: 73320 Location: Brauncewell Quarry, Brauncewell, Sleaford, Lincolnshire, NG34 8RL Operator Name: BRAUNCEWELL QUARRIES LIMITED Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) **Licence Status: Expired** Issued: 19th March 2007 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	D7NE (E)	752	2	502969 352068
25	**Licensed Waste Management Facilities (Locations)** Licence Number: 73320 Location: Brauncewell Quarry, Brauncewell, Sleaford, Lincolnshire, NG34 8RL Operator Name: BRAUNCEWELL QUARRIES LIMITED Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) **Licence Status: Expired** Issued: 19th March 2007 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	D7NE (E)	752	2	502969 352068

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	**Licensed Waste Management Facilities (Locations)** Licence Number: 73008 Location: Brauncewell Quarry, Brauncewell, Sleaford, Lincolnshire, NG34 8RL Operator Name: BRAUNCEWELL QUARRIES LIMITED Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) **Licence Status: Issued** Issued: 12th April 2001 Last Modified: 12th April 2001 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	D7NE (E)	754	2	502969 352070
25	**Licensed Waste Management Facilities (Locations)** Licence Number: 70905 Location: Brauncewell, Sleaford, Lincolnshire, NG34 8RL Operator Name: BRAUNCEWELL QUARRIES LIMITED Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) **Licence Status: Expired** Issued: 28th July 1986 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	D7NE (E)	755	2	502973 352069
25	**Licensed Waste Management Facilities (Locations)** Licence Number: 70905 Location: Brauncewell, Sleaford, Lincolnshire, NG34 8RL Operator Name: BRAUNCEWELL QUARRIES LIMITED Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) **Licence Status: Expired** Issued: 28th July 1986 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	D7NE (E)	755	2	502973 352069
	Local Authority Landfill Coverage Name: North Kesteven District Council - Had landfill data but passed it to the relevant environment agency		0	3	502192 351789
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	5	502192 351789
26	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	D5SW (W)	0	-	501261 351655
27	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	D5SW (W)	0	-	501246 351897
28	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	D2NE (S)	20	-	502156 351507
29	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	D7SE (E)	357	-	502815 351700
30	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	D3SE (SE)	426	-	503025 351090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	**Registered Landfill Sites** Licence Holder: Brauncewell Quarries Ltd Licence Reference: EAWML73008 Site Location: Brauncewell Quarry, Brauncewell, SLEAFORD, Lincolnshire, NG34 8RL Licence Easting: 502900 Licence Northing: 351900 Operator Location: Brauncewell Quarry, Brauncewell, SLEAFORD, Lincolnshire, NG34 8RL Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Operational as far as is knownOperational Dated: 12th April 2001 Preceded By Licence: L 51 Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Inert Materials (As In Post'98 E.A.Lics And Equivalent To 21.00.00) Maximum Waste Permitted By Licence Prohibited Waste: Material With Any Haz.Code (H1, H2, H3a,H3b,H4,H5,H6,H7,H8,H9,H10,H11,H12,H13,H14) Other Waste / Waste Not Otherwise Specified	D7SE (E)	572	2	502900 351900
31	**Registered Landfill Sites** Licence Holder: Brauncewell Quarries Ltd Licence Reference: L 51 Site Location: Brauncewell Quarry, Brauncewell, SLEAFORD, Lincolnshire, NG34 8RL Licence Easting: 502900 Licence Northing: 351900 Operator Location: As Site Address Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Site Closed Dated: 28th July 1986 Preceded By Licence: Not Given Superseded By Licence: EAWML73008 Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Lincs Cat.A Inert Waste Max.Waste Permitted By Licence Prohibited Waste: Liquid/Sludge Wastes Mat'L Likely To Become Windblown Waste N.O.S.	D7SE (E)	572	2	502900 351900
32	**Waste Exemption Permits** Permit Reference: WEX372479 Exemption Category: Use Exemption Sub-Category: Pig and poultry ash. Exemption Definition: The U15 exemption allows you to mix ash from burning pig or poultry with slurry and/or manure, and spread it on farmland to provide the soil with nutrients.	D2SW (S)	6	2	502051 351144
33	**Waste Exemption Permits** Permit Reference: WEX311895 Exemption Category: Disposal Exemption Sub-Category: Burning waste in the open. Exemption Definition: The D7 exemption allows you to burn plant tissue and untreated wood waste from joinery or manufacturing in the open air. Exemption Category: Use Exemption Sub-Category: Spreading waste to benefit agricultural land. Exemption Definition: The U10 exemption allows you to spread specific waste on agricultural land to replace manufactured fertilisers or virgin materials (such as lime) to improve or maintain soil. Exemption Category: Use Exemption Sub-Category: Pig and poultry ash. Exemption Definition: The U15 exemption allows you to mix ash from burning pig or poultry with slurry and/or manure, and spread it on farmland to provide the soil with nutrients.	D5NW (W)	77	2	501205 352001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	**Waste Exemption Permits** Permit Reference: WEX402904 Exemption Category: Disposal Exemption Sub-Category: Burning waste in the open. Exemption Definition: The D7 exemption allows you to burn plant tissue and untreated wood waste from joinery or manufacturing in the open air. Exemption Category: Storage Exemption Sub-Category: Storing waste in a secure place. Exemption Definition: The S2 waste exemption allows you to store specific waste at a secure intermediate site, separate to where the waste was produced, before transportation to another site for recovery. Exemption Category: Treatment Exemption Sub-Category: Treating waste wood and waste plant matter by chipping, shredding, cutting or pulverising. Exemption Definition: The T6 exemption allows you to chip, shred, cut or pulverise waste wood and plant matter to make it easier to store and transport, or to convert it for use. Exemption Category: Treatment Exemption Sub-Category: Aerobic composting and associated prior treatment. Exemption Definition: The T23 exemption allows you to compost small volumes of vegetation, cardboard and food waste to spread on soil to add nutrients or improve the structure. Exemption Category: Use Exemption Sub-Category: Use of waste in construction. Exemption Definition: The U1 exemption allows you to use suitable waste in construction as a recovery activity. Exemption Category: Use Exemption Sub-Category: Using waste for a specified purpose. Exemption Definition: The U8 exemption allows you to use waste materials (that do not need treating) for a specific purpose to reduce the use of virgin or non-waste materials. Exemption Category: Use Exemption Sub-Category: Spreading waste to benefit agricultural land. Exemption Definition: The U10 exemption allows you to spread specific waste on agricultural land to replace manufactured fertilisers or virgin materials (such as lime) to improve or maintain soil. Exemption Category: Use Exemption Sub-Category: Using mulch. Exemption Definition: The U12 exemption allows landscapers, farmers and growers to spread mulch as a protective covering onto land around trees, bushes or plants. Exemption Category: Use Exemption Sub-Category: Spreading plant matter to provide benefits. Exemption Definition: The U13 exemption allows you to spread cut plant material at the place of production for weed suppression or to provide nutrients to the soil. Exemption Category: Use Exemption Sub-Category: Incorporating ash into soil. Exemption Definition: The U14 exemption allows you to mix ash back into the soil to return some of the nutrients from the burnt crops and vegetation.	D5NW (W)	77	2	501205 352001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Inferior Oolite Group	D6SE (NW)	0	1	502192 351789
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	D2SE (S)	0	1	502192 351000
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	D6SE (NW)	0	1	502192 351789
	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	D3NW (SE)	15	1	502541 351468
	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	D4NW (E)	790	1	503404 351478
	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	D4SE (SE)	924	1	503587 351144
	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	D4NE (E)	949	1	503582 351565

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	**BGS Recorded Mineral Sites** Site Name: Brauncewell Grange Stone Pit Location: Temple Bruer, Welbourn, Lincoln, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136067 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	D5SW (W)	0	1	501241 351893
36	**BGS Recorded Mineral Sites** Site Name: Brauncewell Grange Stone Pit Location: Temple Bruer, Welbourn, Lincoln, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136068 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	D5SW (W)	0	1	501251 351653
37	**BGS Recorded Mineral Sites** Site Name: Brauncewell Stone Pit Location: Brauncewell, Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136078 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	D2NE (S)	20	1	502156 351500
38	**BGS Recorded Mineral Sites** Site Name: Brauncewell Stone Pit Location: Brauncewell, Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136079 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	D7SW (E)	321	1	502707 351713
39	**BGS Recorded Mineral Sites** Site Name: Brauncewell Stone Pit Location: Brauncewell, Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136080 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	D7SE (E)	359	1	502814 351703
40	**BGS Recorded Mineral Sites** Site Name: West Pastures Stone Pit Location: Cranwell, Sleaford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136070 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	D3SE (SE)	437	1	503037 351083

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	**BGS Recorded Mineral Sites** Site Name: Brauncewell Quarry Location: Sleaford, Lincolnshire, Ng34 8rl Source: British Geological Survey, National Geoscience Information Service Reference: 2753 Type: Opencast **Status: Active** Operator: Brauncewell Quarries Ltd. Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	D7NE (E)	654	1	502990 351940
	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	D6SE (NW)	0	1	502192 351789
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D3NW (SE)	20	1	502631 351522
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D6SE (NW)	0	1	502192 351789
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D5SW (W)	0	1	501225 351728
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D6SE (NW)	0	1	502192 351789
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D6SE (N)	0	1	502159 351884
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D6NW (NW)	0	1	502010 351940
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D3NW (SE)	15	1	502541 351468
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D3NE (SE)	165	1	502766 351548
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D5SE (W)	0	1	501535 351876
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D6SE (NW)	0	1	502192 351789
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D3NW (SE)	20	1	502631 351522
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D6SE (NW)	0	1	502192 351789
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D6NE (N)	0	1	502181 351918

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D6SE (NW)	0	1	502192 351789
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D6NE (N)	0	1	502181 351918
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	D6SE (NW)	0	1	502125 351875
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	D5SW (W)	0	1	501175 351750
	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	D6SE (NW)	0	1	502192 351789
	Radon Potential - Radon Protection Measures Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	D6SE (NW)	0	1	502125 351875
	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	D5SW (W)	0	1	501175 351750
	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	D6SE (NW)	0	1	502192 351789

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	**Contemporary Trade Directory Entries** Name: Brauncewell Quarries Ltd Location: Brauncewell, Sleaford, NG34 8RL Classification: Quarries **Status: Active** Positional Accuracy: Automatically positioned to the address	D7SW (E)	330	-	502732 351713
43	**Points of Interest - Manufacturing and Production** Name: Brauncewell Quarries Ltd Location: Brauncewell, Sleaford, NG34 8RL Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	D7SW (E)	330	6	502733 351713
43	**Points of Interest - Manufacturing and Production** Name: Brauncewell Quarries Ltd Location: Brauncewell, Lincoln, NG34 8RL Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	D7SW (E)	330	6	502732 351713
43	**Points of Interest - Manufacturing and Production** Name: Quarry (Stone) Location: NG34 Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to an adjacent address or location	D7SE (E)	399	6	502773 351771
44	**Points of Interest - Manufacturing and Production** Name: Quarry (Stone) Location: LN5 Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to an adjacent address or location	D7NE (E)	705	6	502975 352011
45	**Points of Interest - Manufacturing and Production** Name: Quarry (Stone) Location: LN5 Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to an adjacent address or location	D8NW (E)	770	6	503167 351940
46	**Points of Interest - Manufacturing and Production** Name: Quarry (Stone) Location: NG34 Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to an adjacent address or location	D7NE (E)	782	6	503070 352040
46	**Points of Interest - Manufacturing and Production** Name: Workings Location: NG34 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	D7NE (E)	804	6	503035 352090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	**Nitrate Sensitive Areas** Name: Sleaford Multiple Area: N Area (m2): 50999746.49 Source: Natural England	(S)	0	7	501833 350804
48	**Nitrate Vulnerable Zones** Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	D6SE (NW)	0	2	502192 351789
49	**Nitrate Vulnerable Zones** Name: Lincolnshire Limestone Description: Groundwater Source: Environment Agency, Head Office	D6SE (NW)	0	2	502192 351789

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office North Kesteven District Council - Environmental Health Department	 November 2023 October 2025	 Annually Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	 April 2026	 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 2026	 Bi-Annually
Local Authority Integrated Pollution Prevention And Control North Kesteven District Council - Environmental Health Department	 April 2025	 Variable
Local Authority Pollution Prevention and Controls North Kesteven District Council - Environmental Health Department	 April 2025	 Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements North Kesteven District Council - Environmental Health Department	 June 2025	 Variable
Nearest Surface Water Feature Ordnance Survey	 April 2026	
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	 September 1999	
Historical Prosecutions Environment Agency, Anglian Region	 March 2013	 Not Applicable
Registered Radioactive Substances Environment Agency - Anglian Region Environment Agency - Head Office	 June 2026 May 2023	 Quarterly
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area	 April 2026	 Quarterly
Water Abstractions Environment Agency - Anglian Region	 April 2026	 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	 As notified
Superficial Aquifer Designations Environment Agency - Head Office	 January 2018	 As notified
Source Protection Zones Environment Agency - Head Office	 August 2025	 Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	 December 2023	 As notified
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	 December 2023	 As notified
Areas Benefiting from Flood Defences Environment Agency - Head Office	 February 2023	
Flood Water Storage Areas Environment Agency - Head Office	 April 2026	 Quarterly

Agency & Hydrological	Version	Update Cycle
Flood Defences Environment Agency - Head Office	August 2022	
OS NGD Water Network Links Ordnance Survey	April 2026	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
Water Framework Directive - Catchment Environment Agency - Head Office	July 2025	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2025	Annually
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	November 2025	Bi-Annually
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area	November 2025	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area	April 2026	Bi-Annually
Local Authority Landfill Coverage Lincolnshire County Council North Kesteven District Council - Environmental Health Department	February 2003 February 2003	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Lincolnshire County Council North Kesteven District Council - Environmental Health Department	October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area	June 2015	
Waste Exemption Permits Natural Resources Wales Environment Agency - Head Office	June 2026 May 2025	Quarterly Quarterly

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	March 2026	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Lincolnshire County Council - Highways and Planning Department	January 2023	Variable
North Kesteven District Council - Planning Department	May 2023	Variable
Planning Hazardous Substance Consents		
North Kesteven District Council - Planning Department	August 2022	Variable
Lincolnshire County Council - Highways and Planning Department	January 2023	Variable

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	February 2026	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	
Cheshire Brine Subsidence Compensation Board (CBSCB)	November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	February 2023	
Mining Instability		
Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	June 2021	As notified
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	November 2025	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	November 2025	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2026	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	May 2026	Quarterly
Points of Interest - Commercial Services PointX	June 2026	Quarterly
Points of Interest - Education and Health PointX	June 2026	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2026	Quarterly
Points of Interest - Public Infrastructure PointX	June 2026	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2026	Quarterly
Pollution Inventory Environment Agency - Head Office	February 2026	Annually
Underground Electrical Cables National Grid	January 2024	

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	March 2026	Bi-Annually
Areas of Adopted Green Belt North Kesteven District Council	March 2026	Quarterly
Areas of Unadopted Green Belt North Kesteven District Council	March 2026	Quarterly
Areas of Outstanding Natural Beauty Natural England	April 2026	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	January 2026	Bi-Annually
Marine Nature Reserves Natural England	February 2026	Bi-Annually
National Nature Reserves Natural England	June 2026	Bi-Annually
National Parks Natural England	September 2025	Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 February 2026	Annually
Ramsar Sites Natural England	February 2026	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2026	Bi-Annually
Special Areas of Conservation Natural England	June 2026	Bi-Annually
Special Protection Areas Natural England	May 2026	Bi-Annually

Data Suppliers

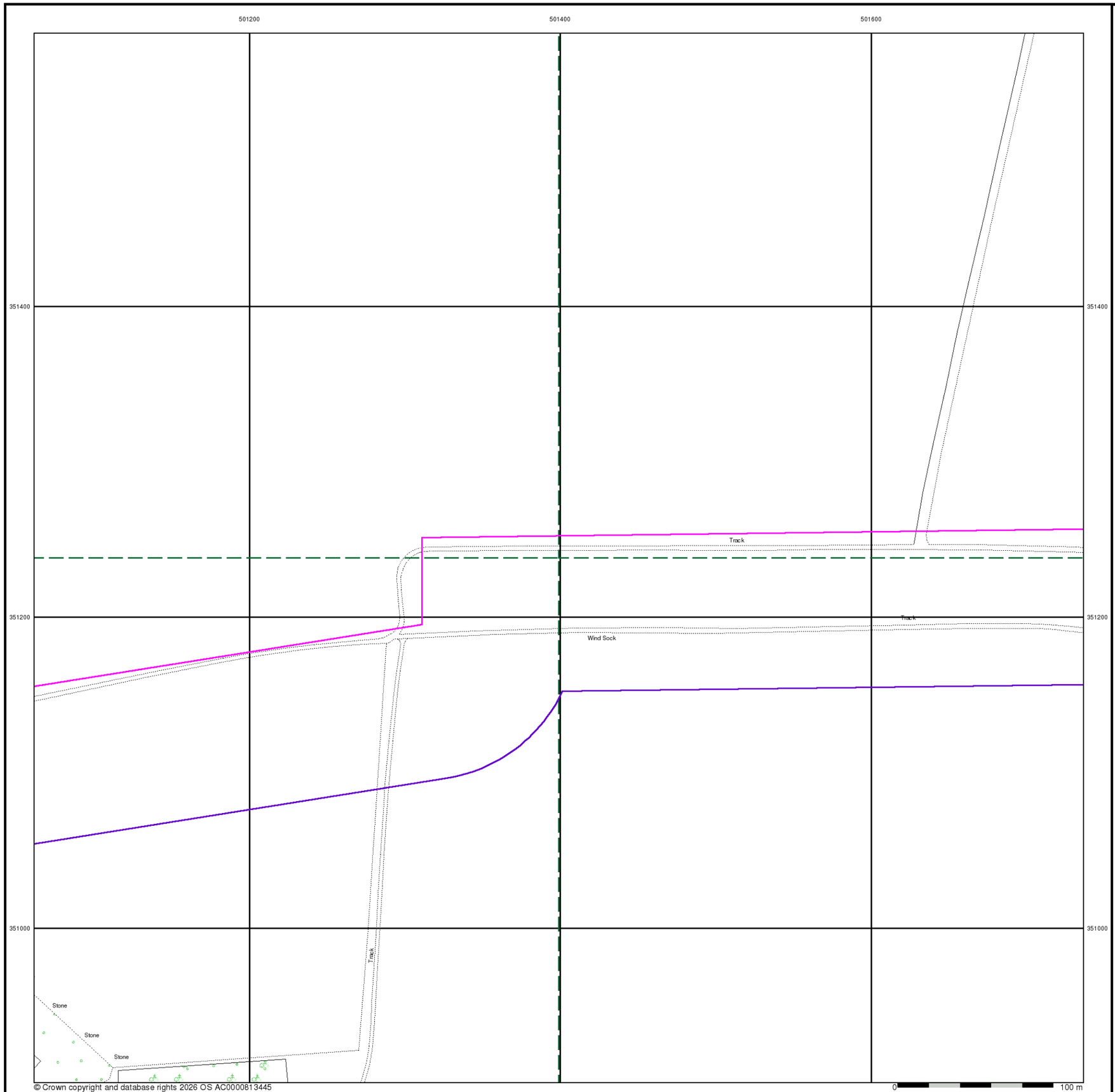
A selection of organisations who provide data within this report

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	**North Kesteven District Council - Environmental Health Department** District Council Offices, Kesteven Street, Sleaford, Lincolnshire, NG34 7EF	Telephone: 01529 414155 Fax: 01529 413956 Website: www.n-kesteven.gov.uk
4	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
5	**Lincolnshire County Council** 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
6	**PointX** 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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



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- Bearing Reference Point
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- Several of Type at Location
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- 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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

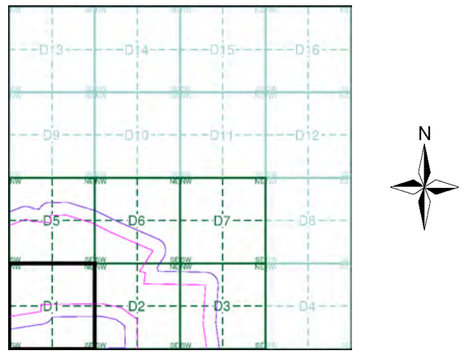
Geological

- 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
- Licenced Waste Management Facility (Landfill Boundary)
- Licenced Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- 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
- Waste Exemption Permits

Site Sensitivity Map - Segment D1



Order Details

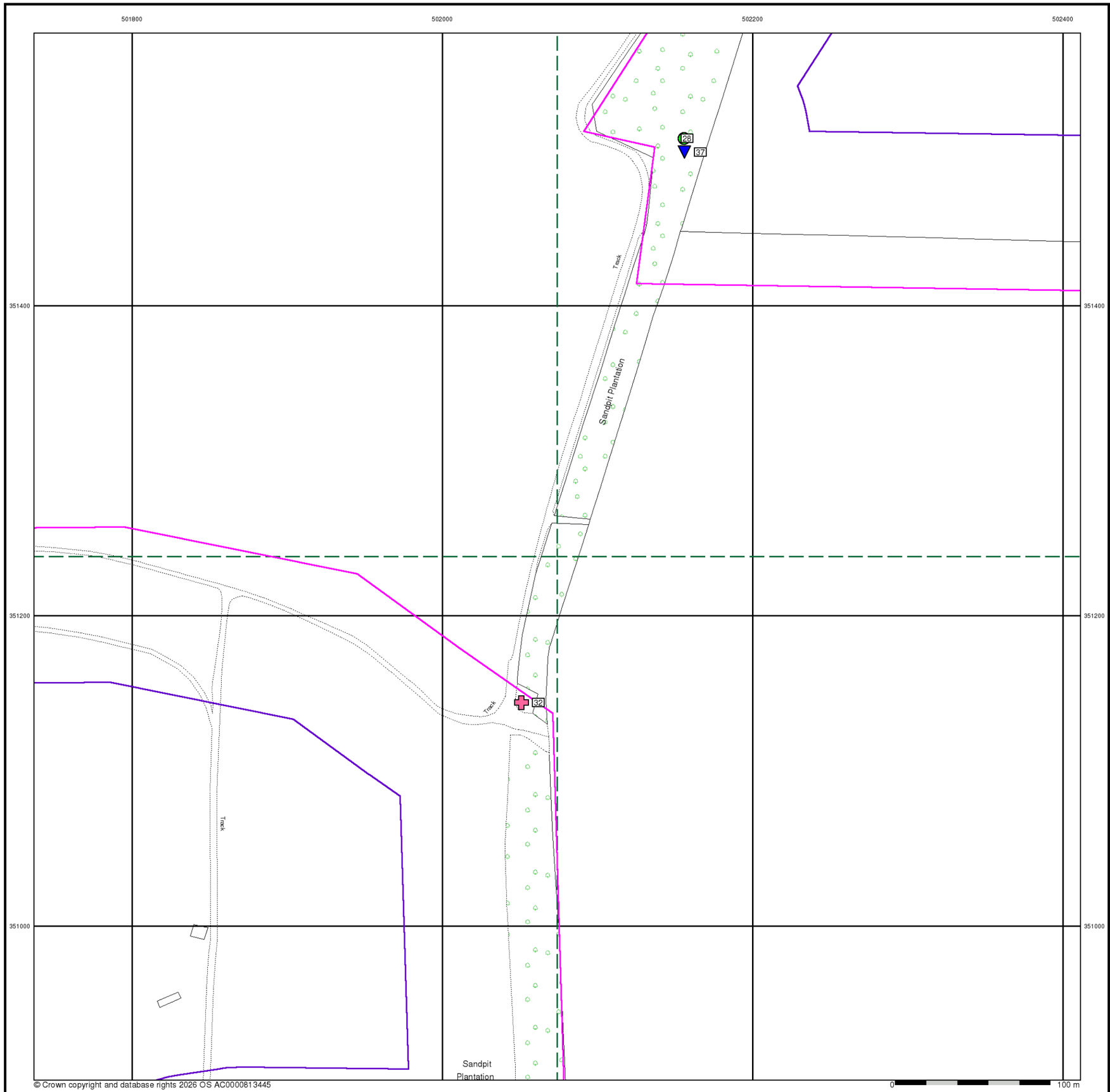
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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- Pylon
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Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
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- Integrated Pollution Control
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- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

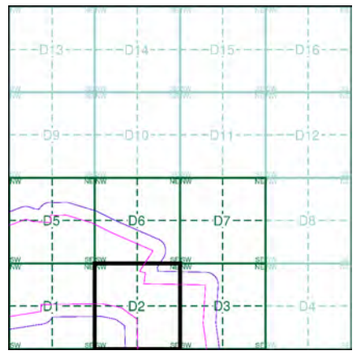
Geological

- 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
- Licenced Waste Management Facility (Landfill Boundary)
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- Local Authority Recorded Landfill Site (Location)
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- Potentially Infilled Land (Non-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
- Waste Exemption Permits

Site Sensitivity Map - Segment D2



Order Details

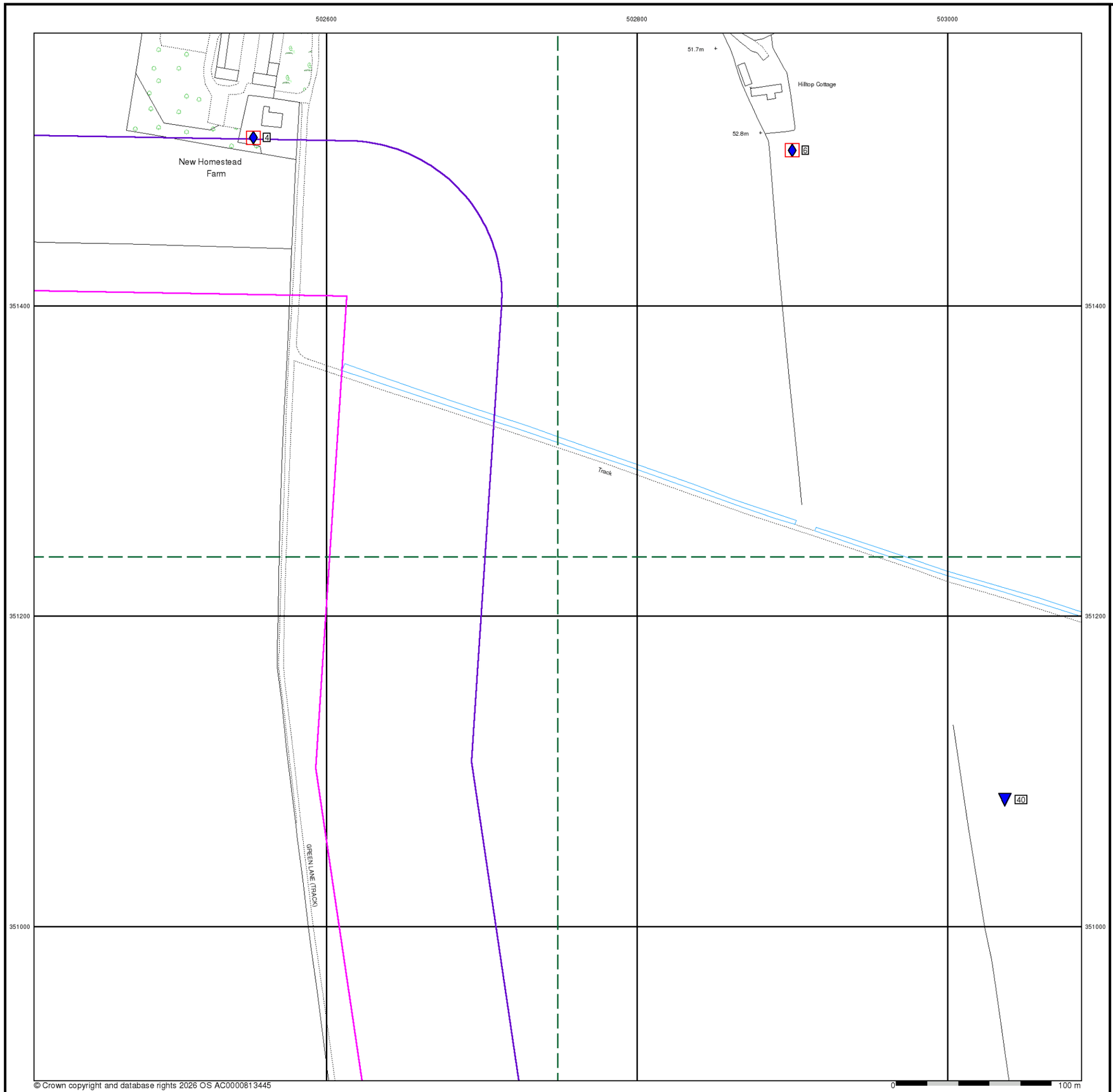
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

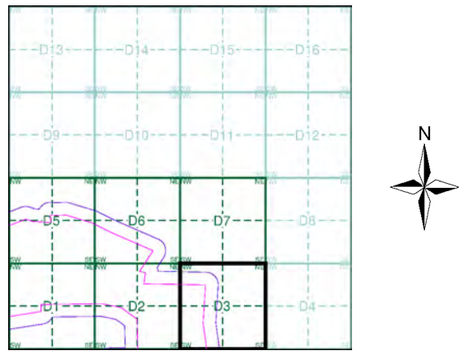
Geological

- 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
- Licenced Waste Management Facility (Landfill Boundary)
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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
- Waste Exemption Permits

Site Sensitivity Map - Segment D3



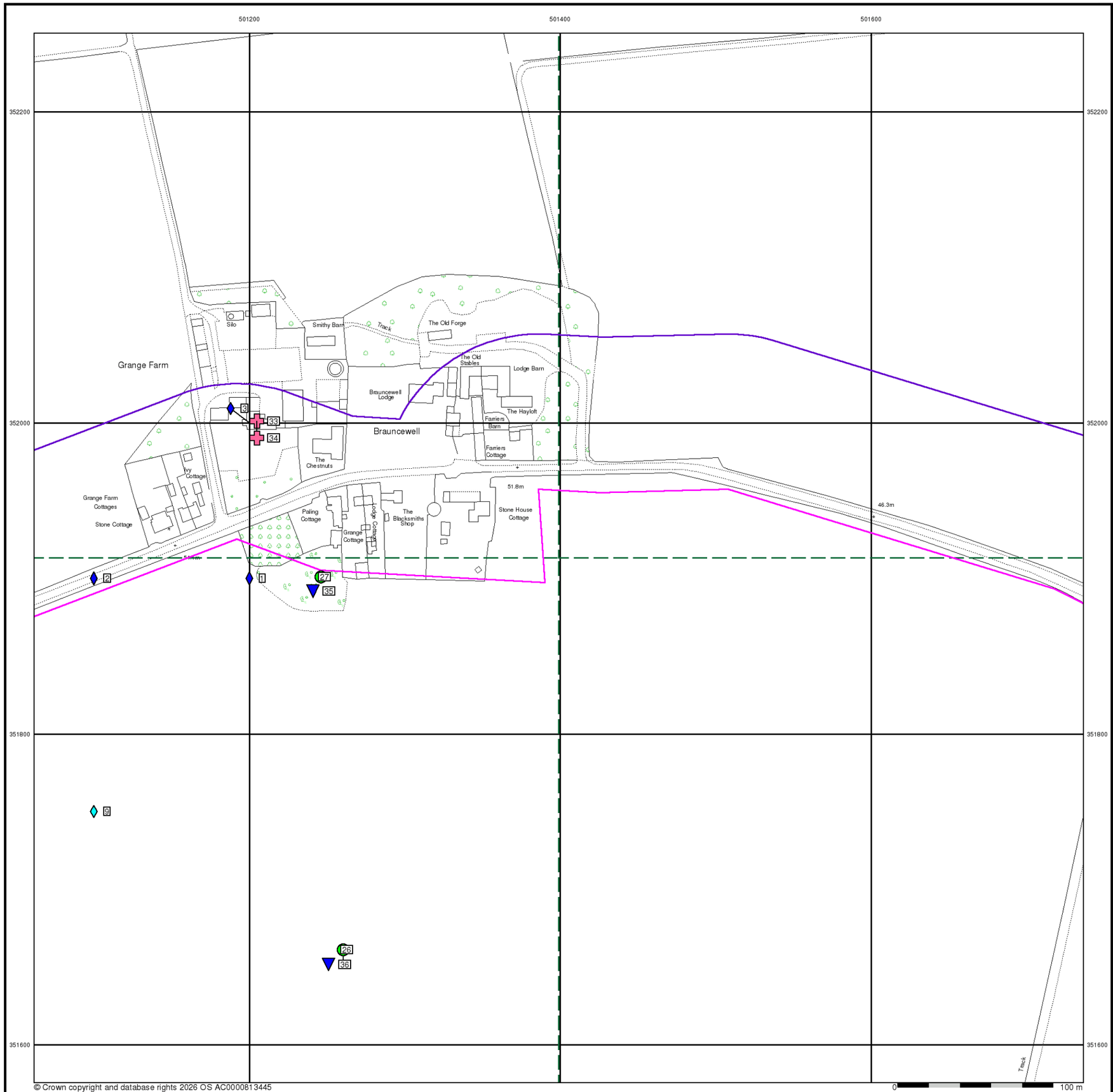
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Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
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- Integrated Pollution Control
- Integrated Pollution Prevention Control
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- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
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- Prosecutions
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- River Network or Water Feature
- 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

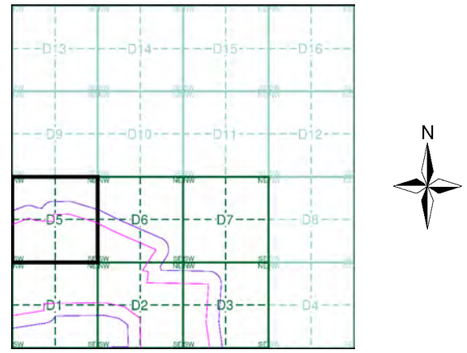
Geological

- 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
- Licenced Waste Management Facility (Landfill Boundary)
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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
- Waste Exemption Permits

Site Sensitivity Map - Segment D5



Order Details

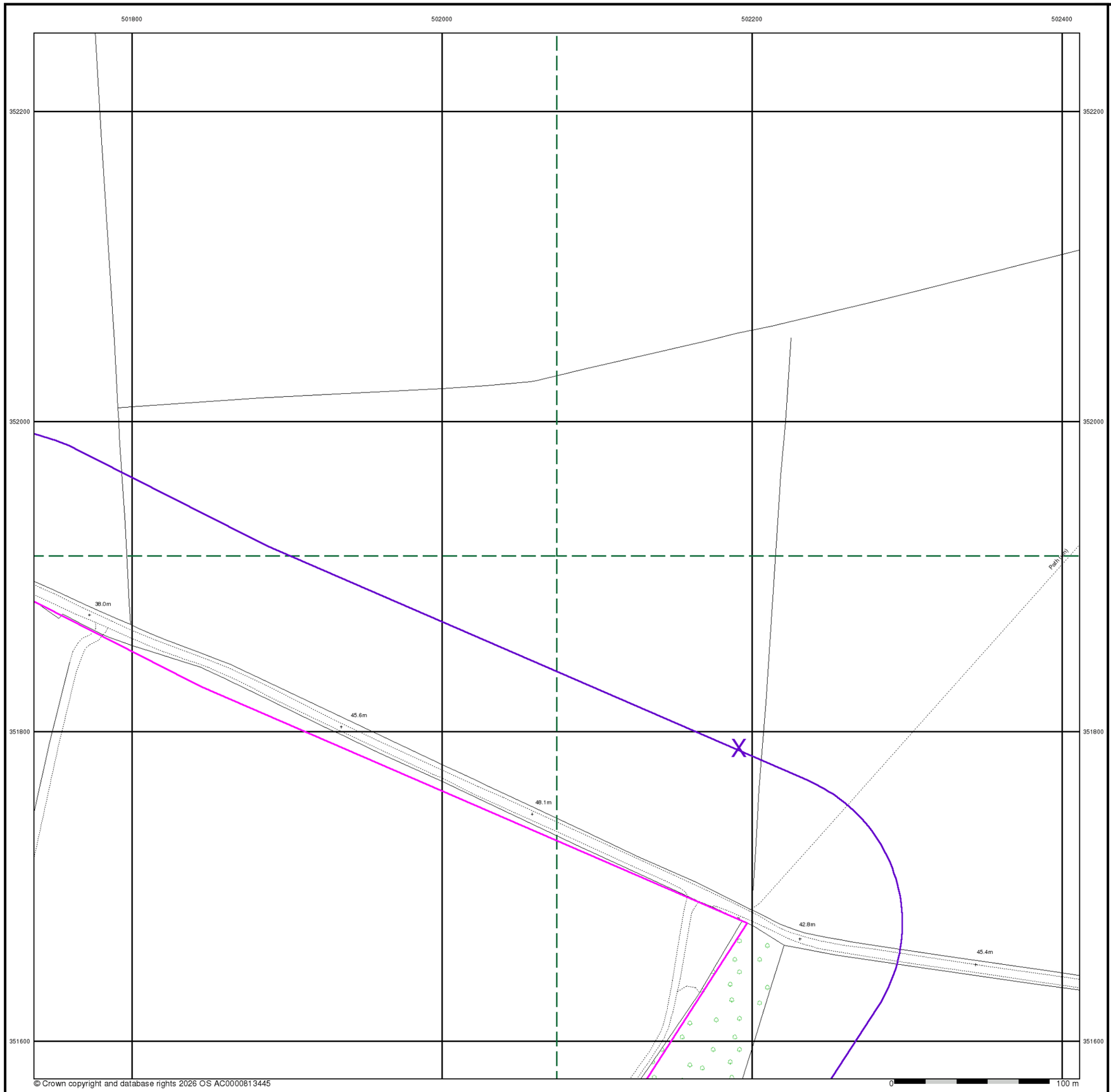
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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- 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
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- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

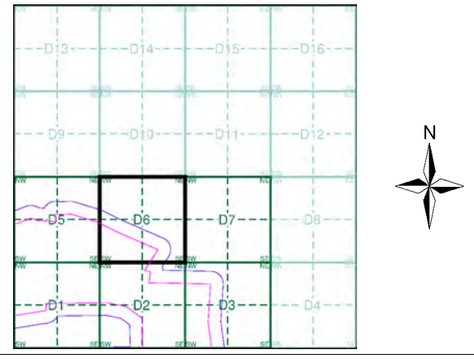
Geological

- 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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- Licenced Waste Management Facility (Location)
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- Registered Landfill Site
- 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
- Waste Exemption Permits

Site Sensitivity Map - Segment D6



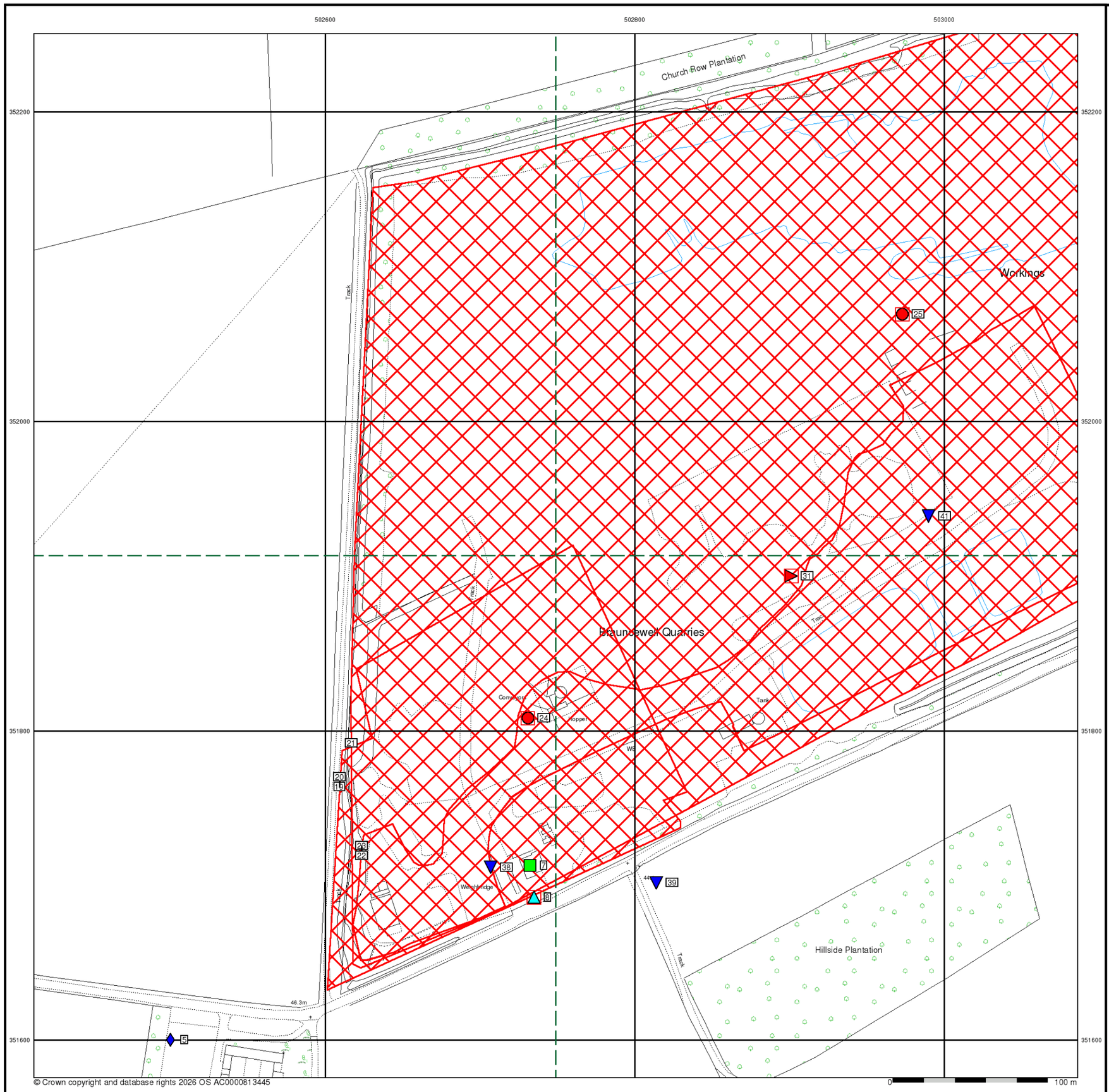
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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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)
- 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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- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

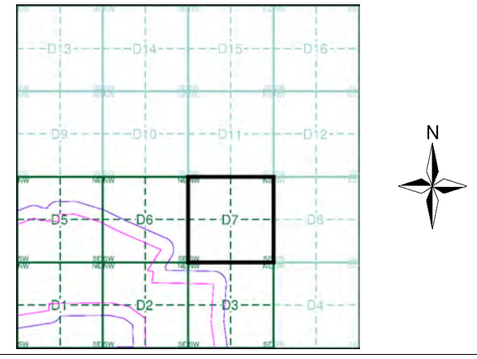
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
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- EA Historic Landfill (Polygon)
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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
- Waste Exemption Permits

Site Sensitivity Map - Segment D7



Order Details

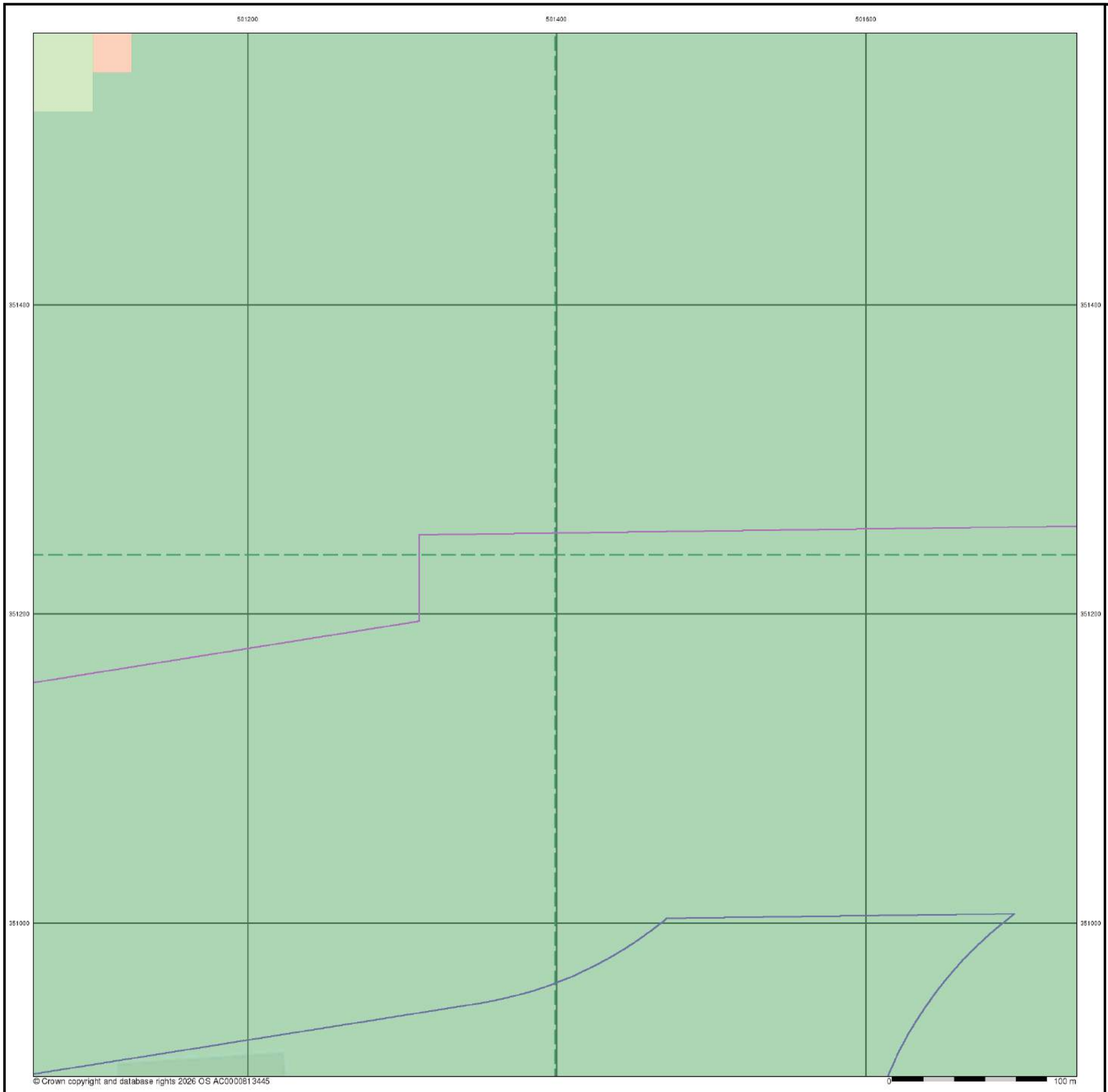
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

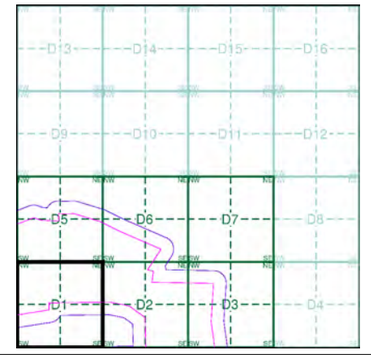
General

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

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment D1



Order Details

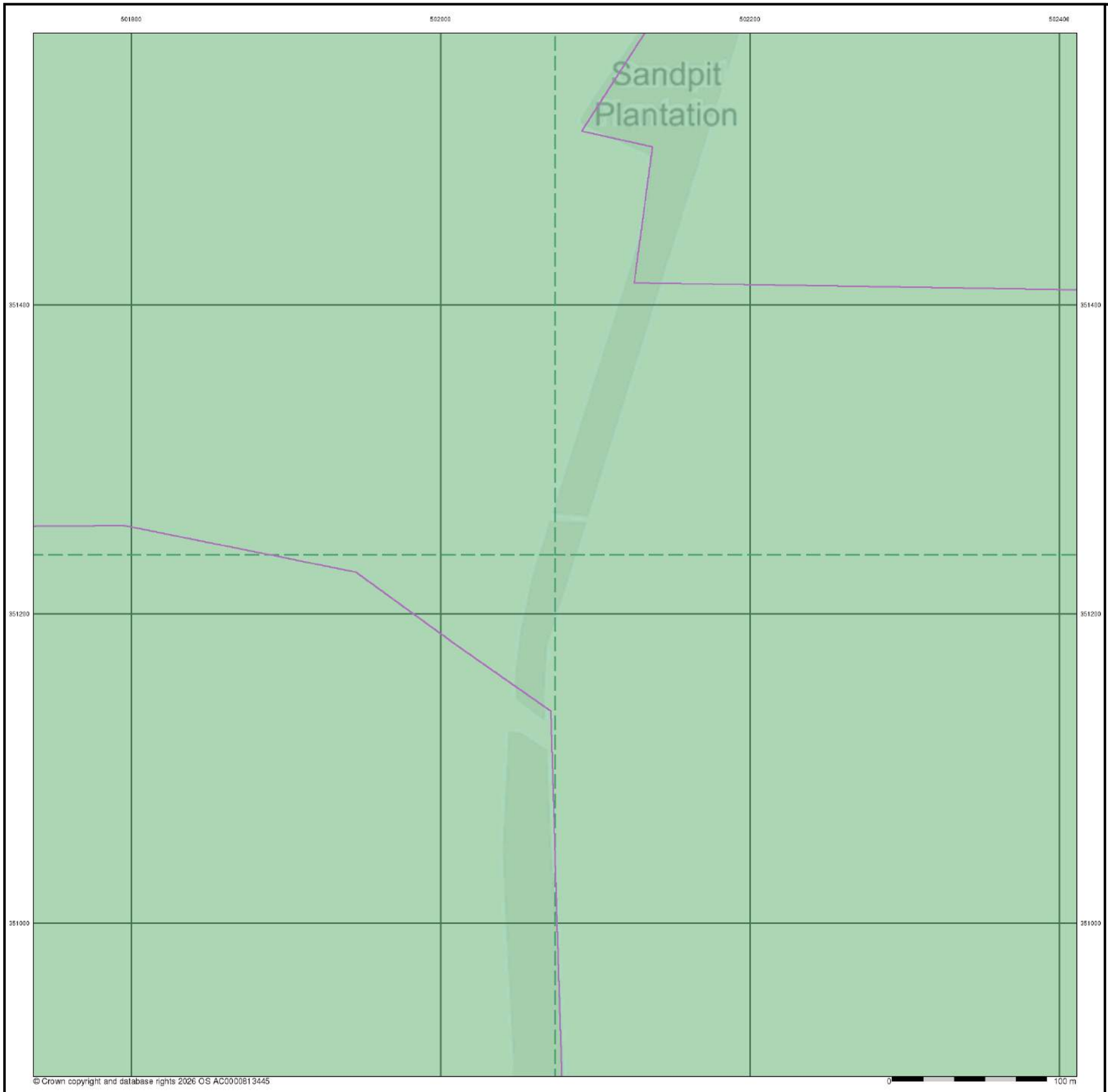
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

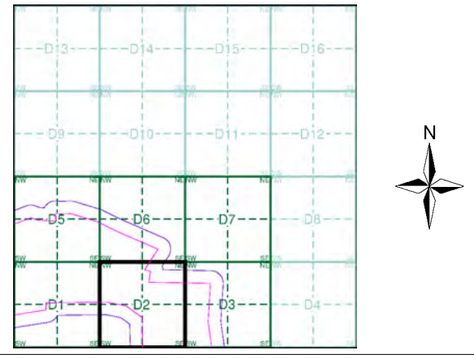
General

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

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment D2



Order Details

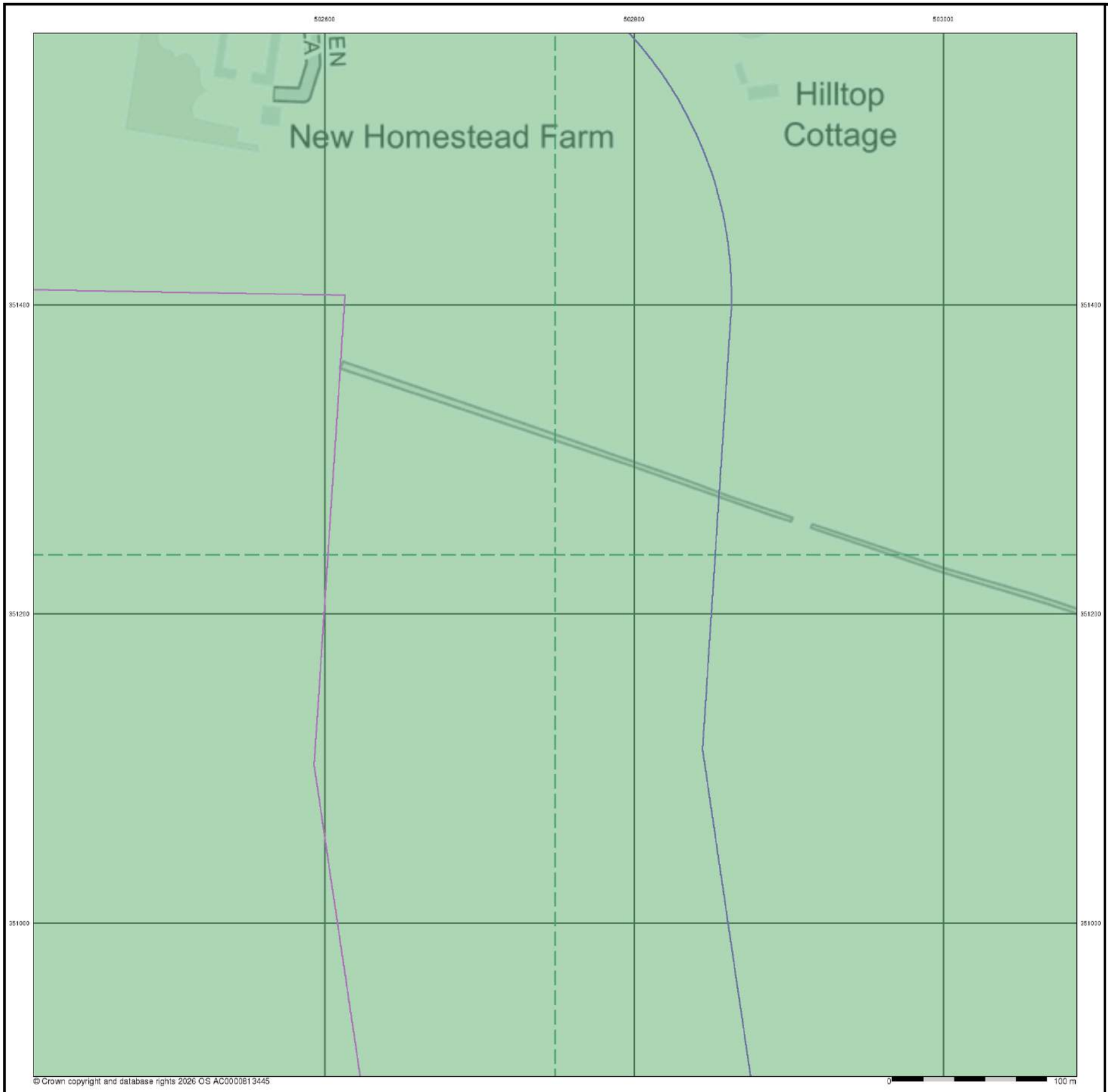
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

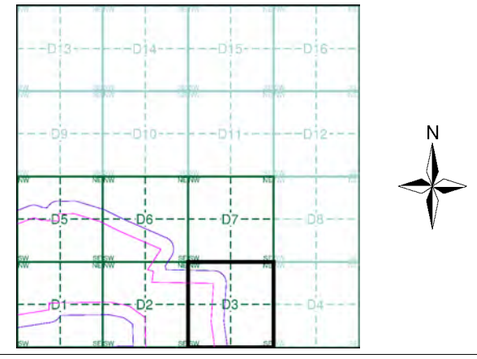
General

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

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment D3

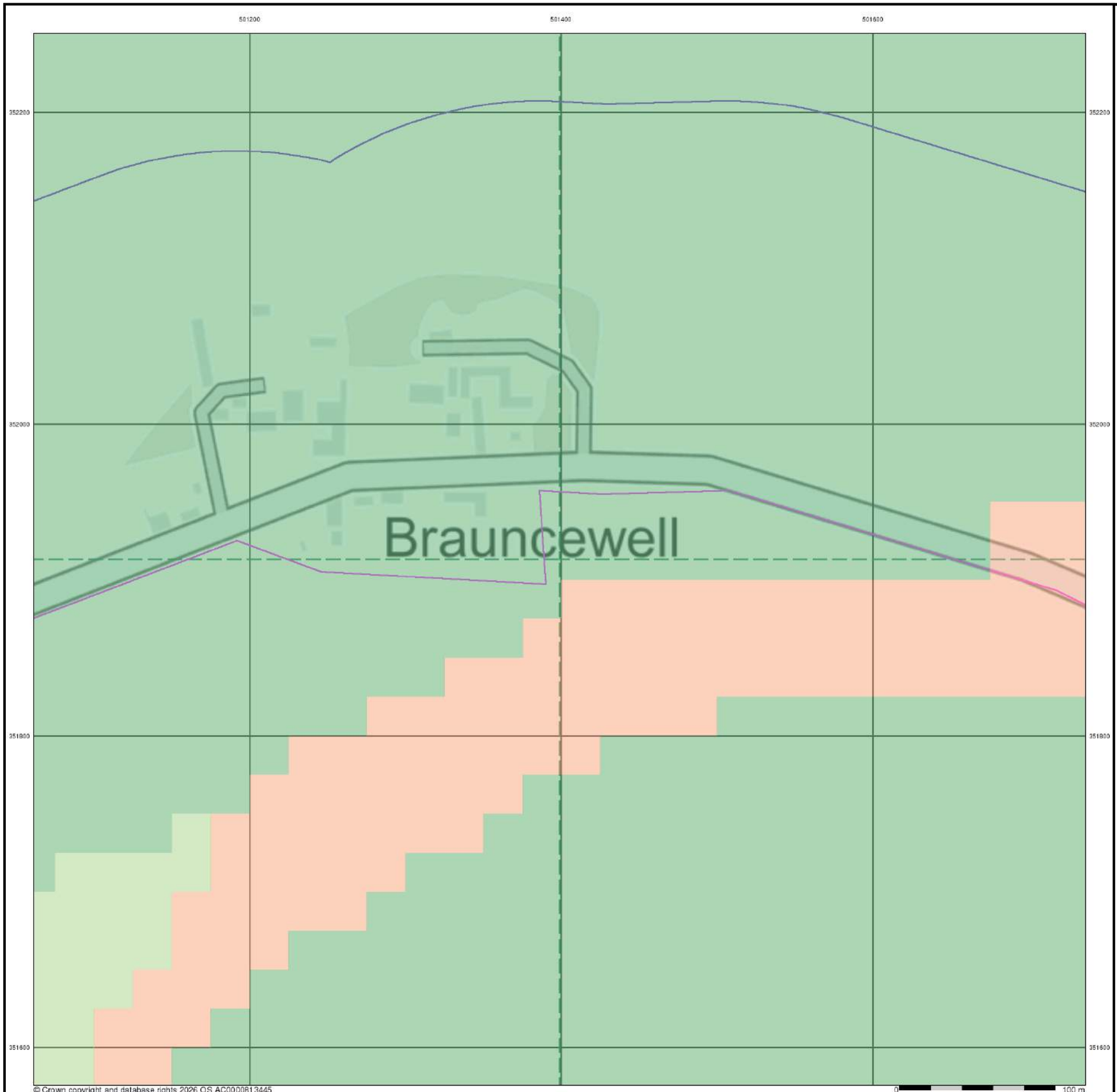


Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

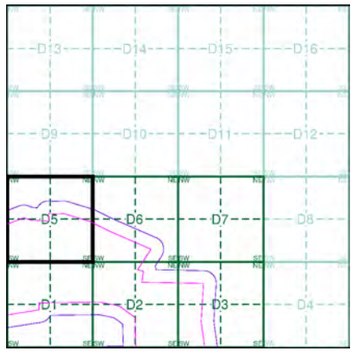
General

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

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment D5

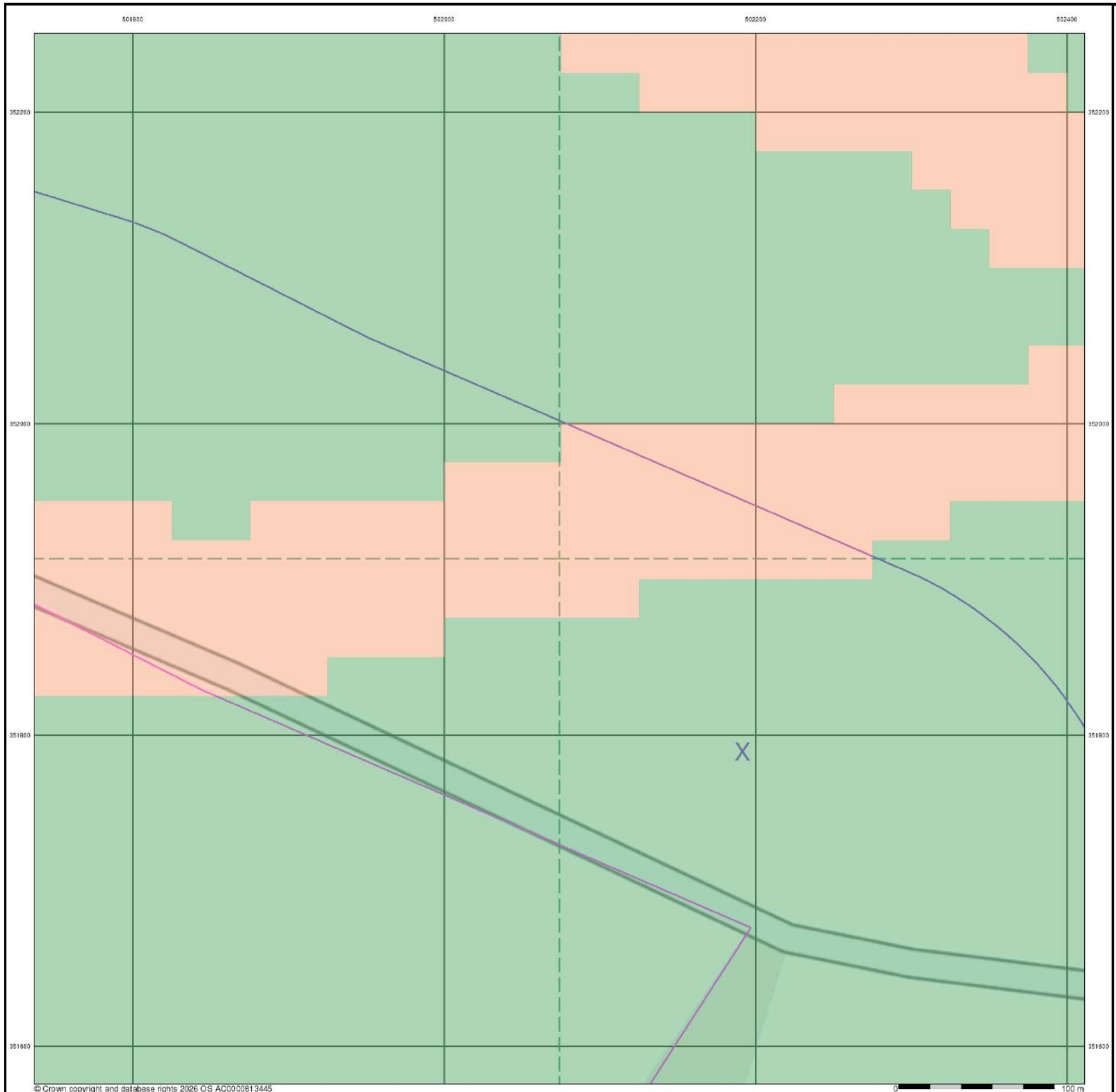


Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

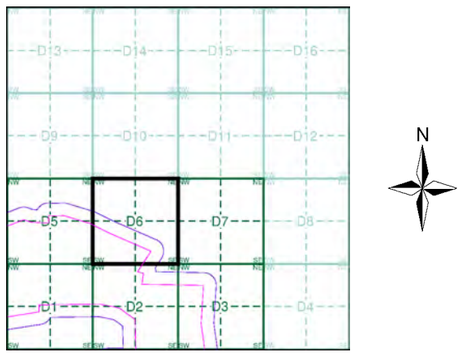
General

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

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment D6



Order Details

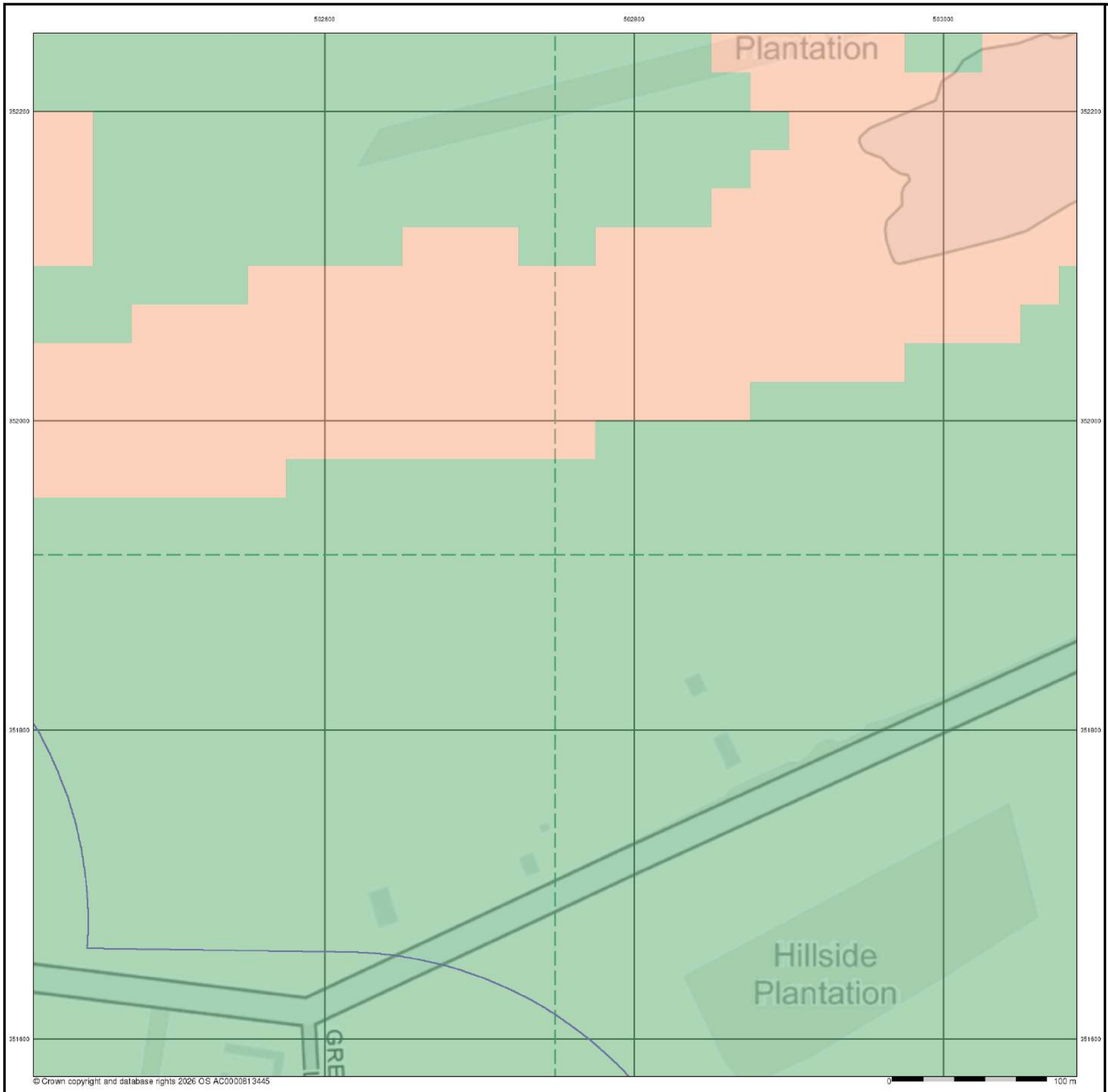
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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Radon Affected Areas and Protection Measures

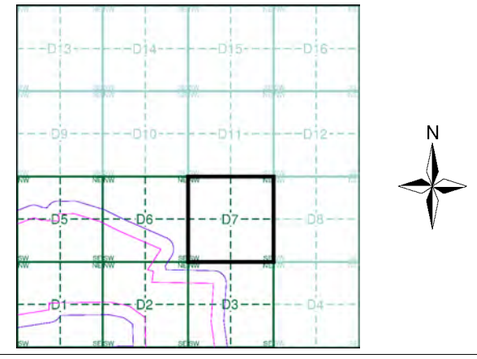
General

Specified Site Specified Buffer(s) X Bearing Reference Point

Radon Affected Areas and Protection Measures

- 1 - Less than 1% affected; no protection measures necessary
- 2 - 1-3% affected; no protection measures necessary
- 3 - 3-5% affected; basic protection measures necessary
- 4 - 5-10% affected; basic protection measures necessary
- 5 - 10-30% affected; full protection measures necessary
- 6 - Over 30% affected; full protection measures necessary

Radon Map - Segment D7



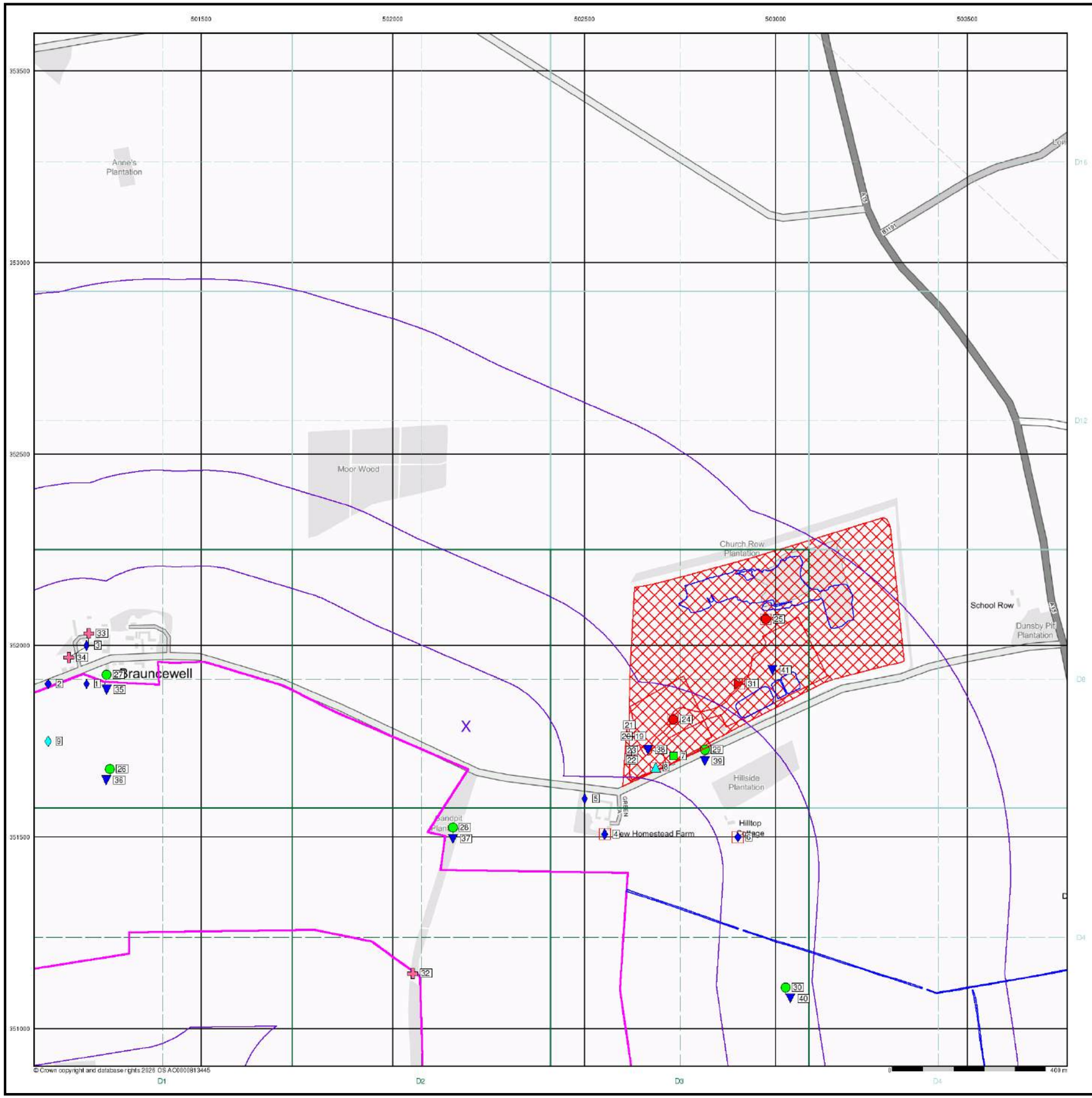
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Plot Buffer (m):	100

Site Details

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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
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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

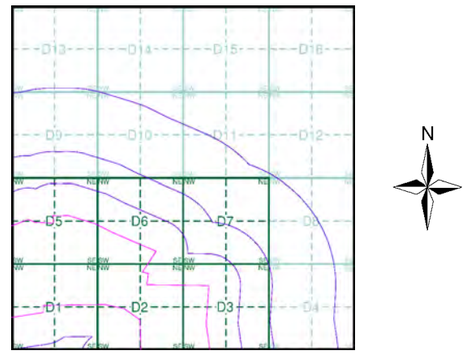
Geological

- 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
- Licenced Waste Management Facility (Landfill Boundary)
- Licenced 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
- Waste Exemption Permits

Site Sensitivity Map - Slice D



Order Details

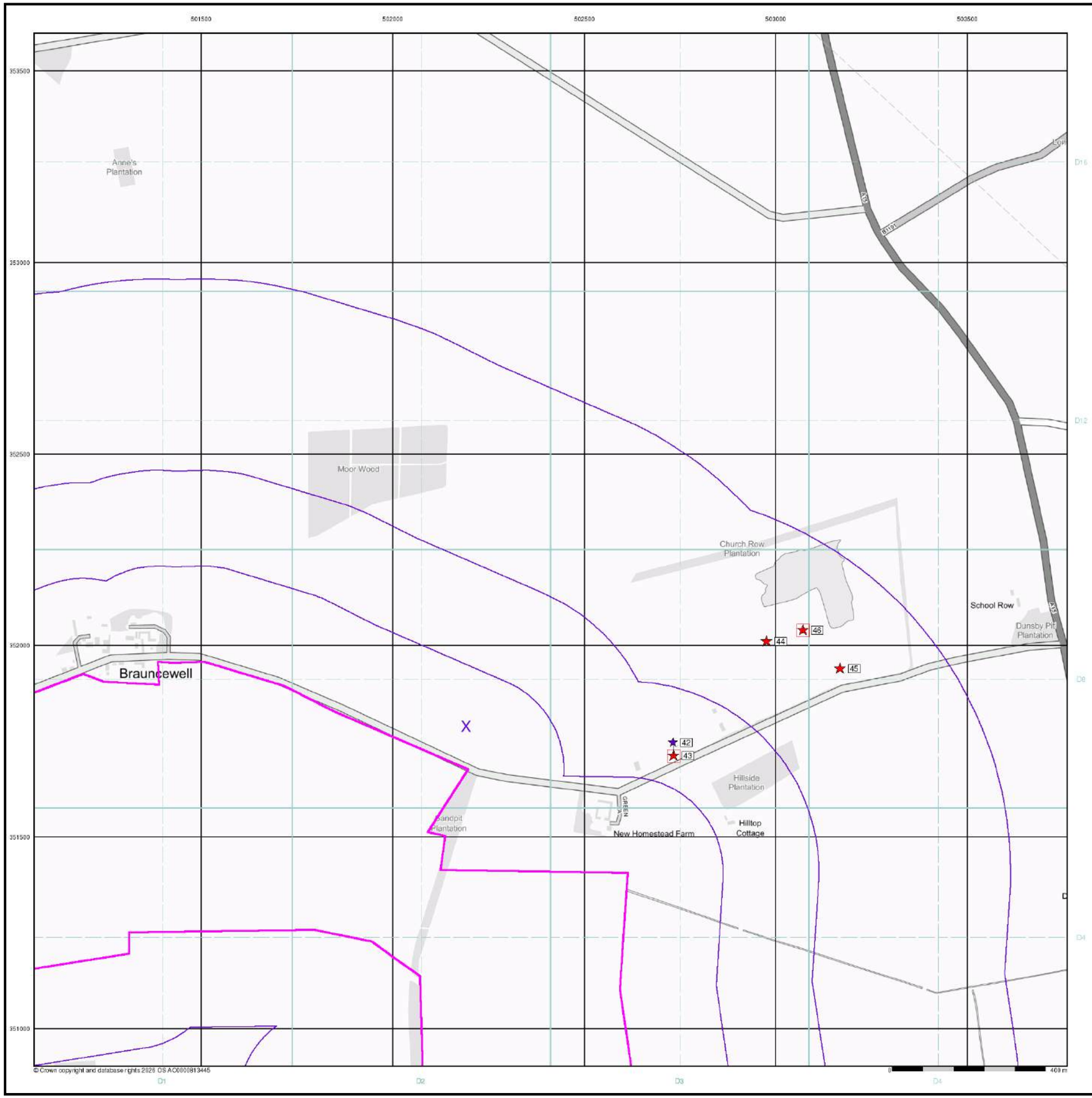
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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Industrial Land Use Map

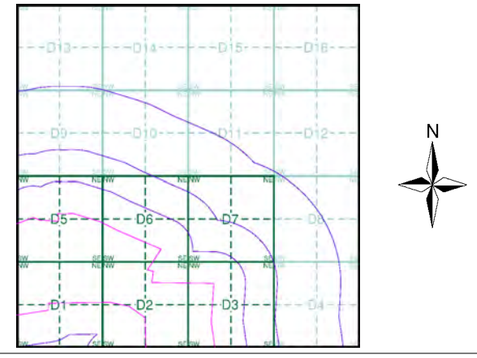
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- 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
- Pollution Inventory - Substances
- Pollution Inventory - Waste Transfers
- Pollution Inventory - Radioactive Waste
- Underground Electrical Cables

Industrial Land Use Map - Slice D



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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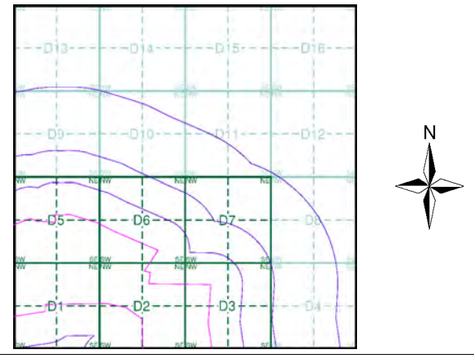
General

- 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:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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General

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

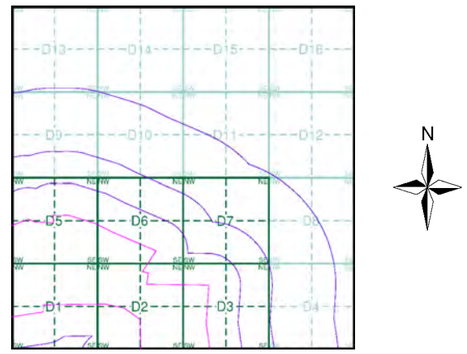
Agency and Hydrological (Boreholes)

- 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

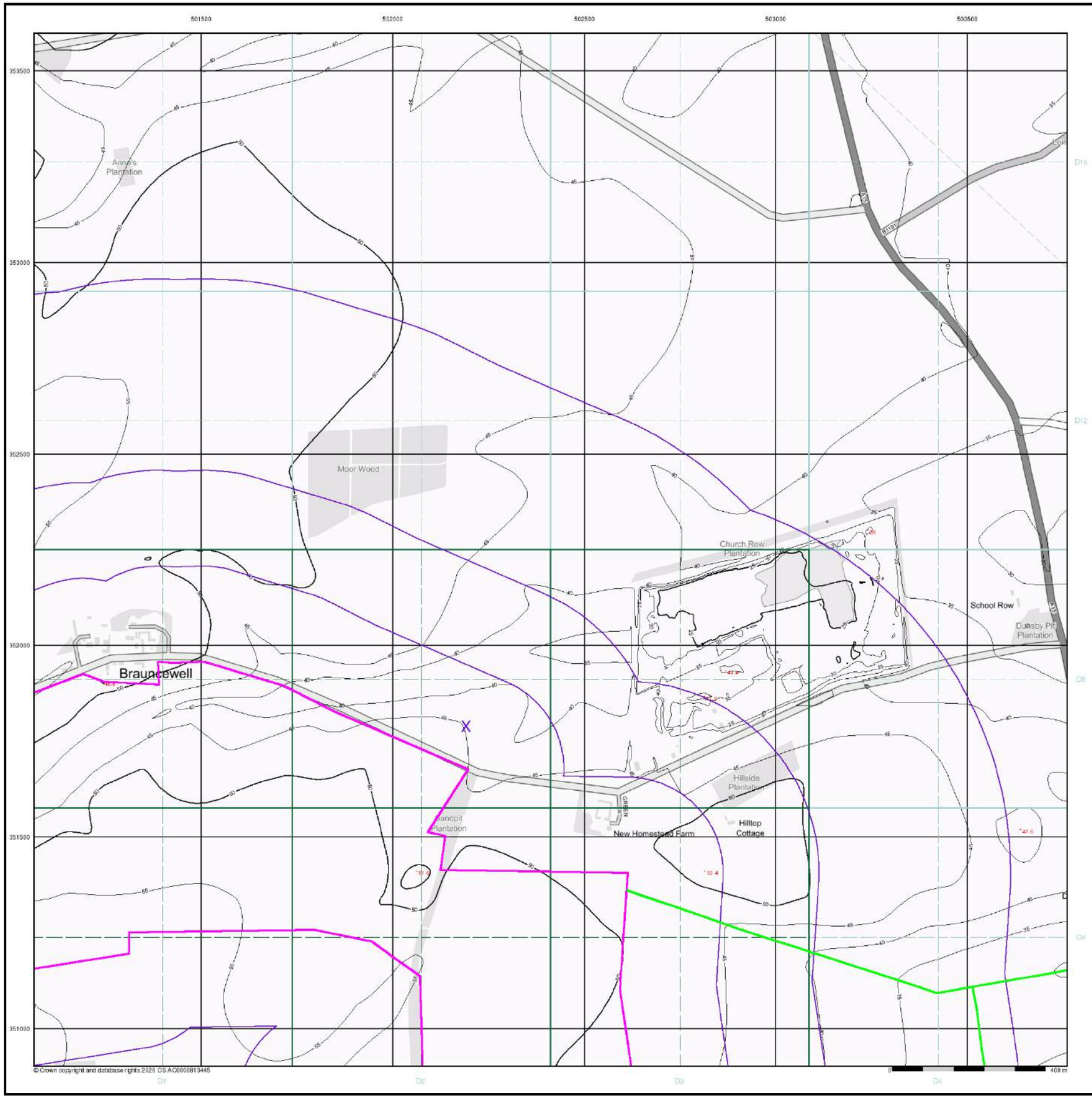
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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General

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- Specified Buffer(s)
- Bearing Reference Point

OS NGD Water Network Links Data

- Canal
- Canal Feeder
- Reservoir
- Foreshore
- Marsh
- Watercourse
- Overflow
- Drain
- Other
- Still Water
- Leat
- Lock
- Sea

Contours (height in metres)

Standard Contour 105 100 95

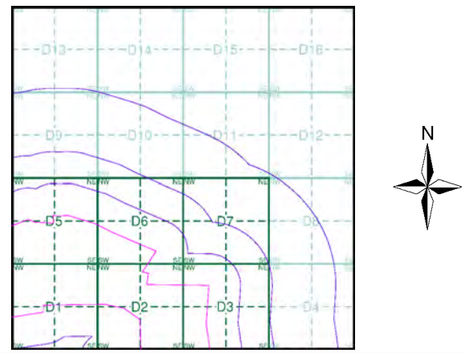
Master Contour

Spot Height 167.3

MLW Mean Low Water

MHW Mean High Water

OS NGD Water Network Map - Slice D



Order Details

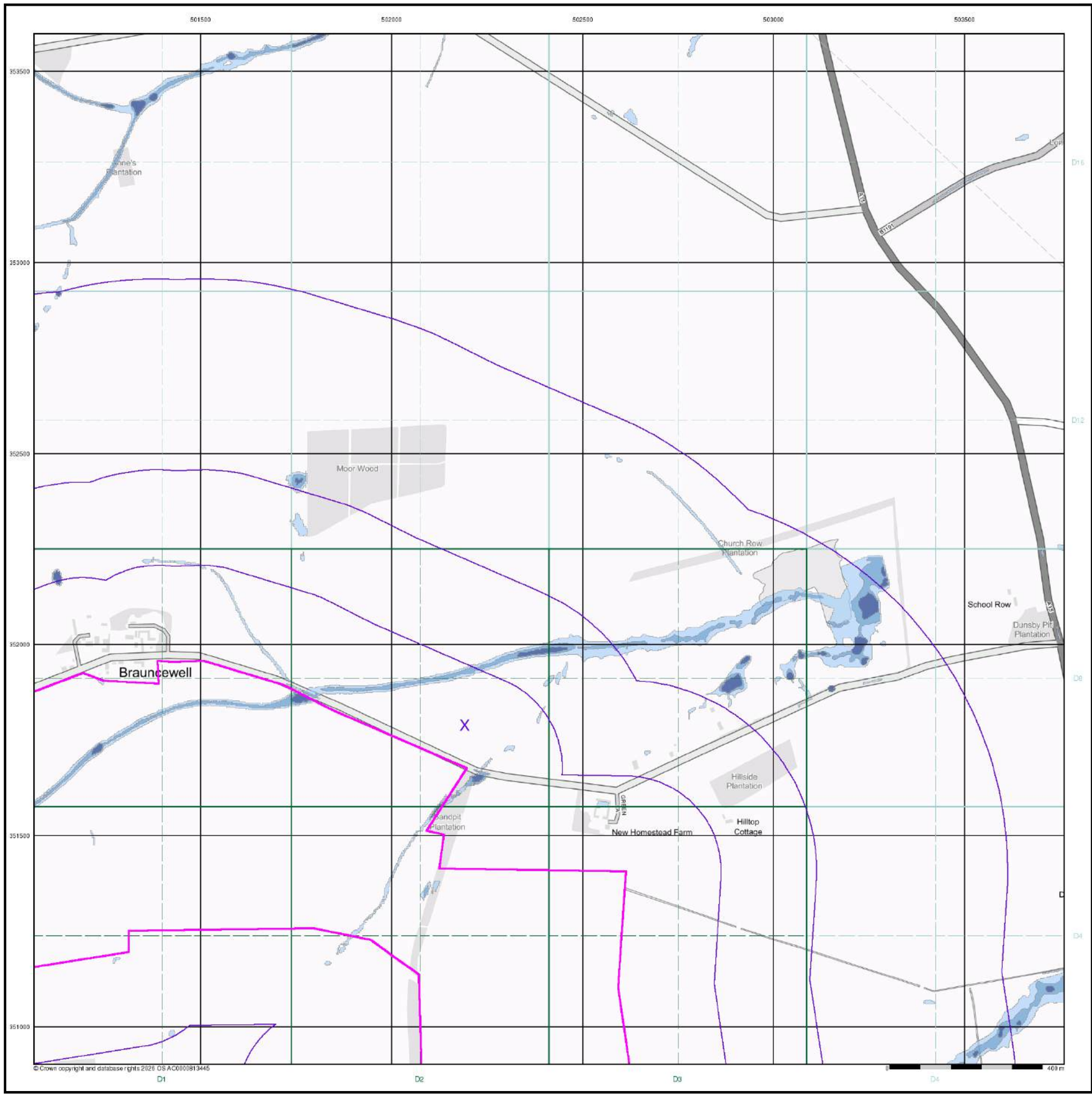
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
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General

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

Risk of Flooding from Surface Water

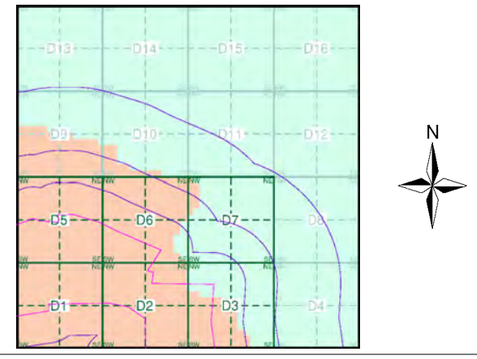
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

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

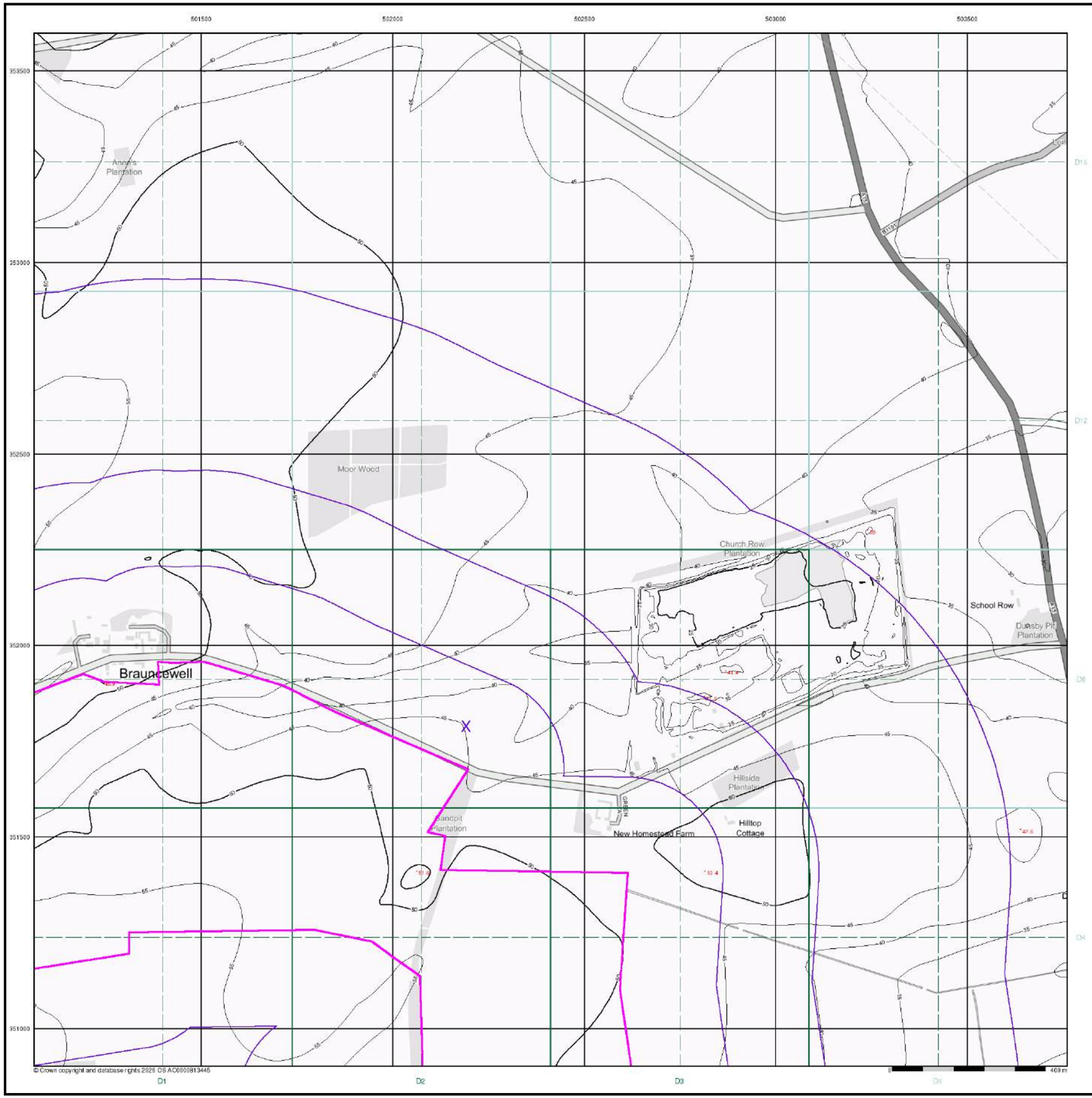


Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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WFD Surface Waters Map

General

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

Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

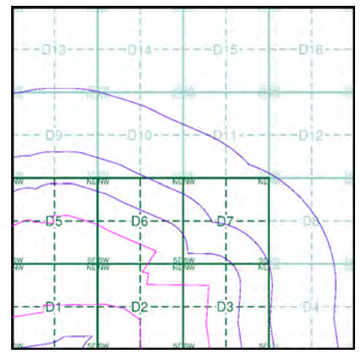
Contours (height in meters)

Standard Contour | Master Contour | Spot Height 167.3

MLW Mean Low Water

MHW Mean High Water

WFD Surface Waters Map - Slice D



Order Details

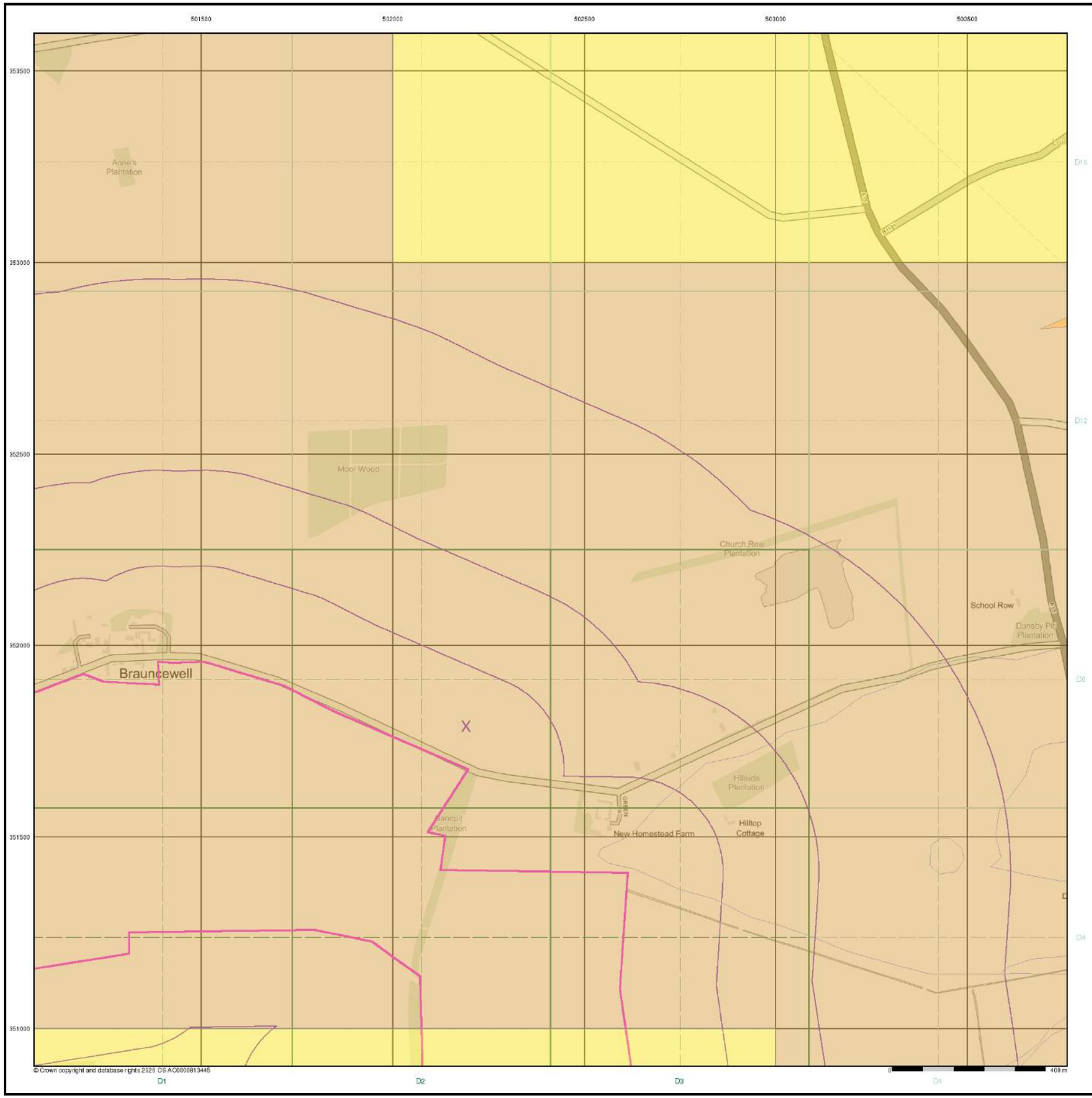
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	1000

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General

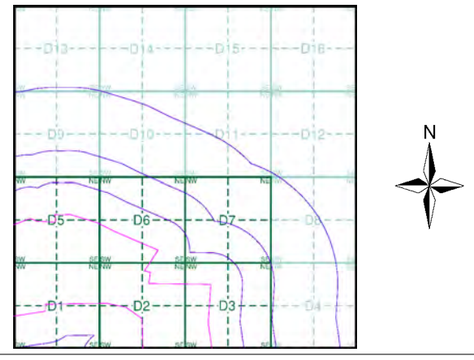
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

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

Estimated Soil Chemistry Arsenic - Slice D



Order Details

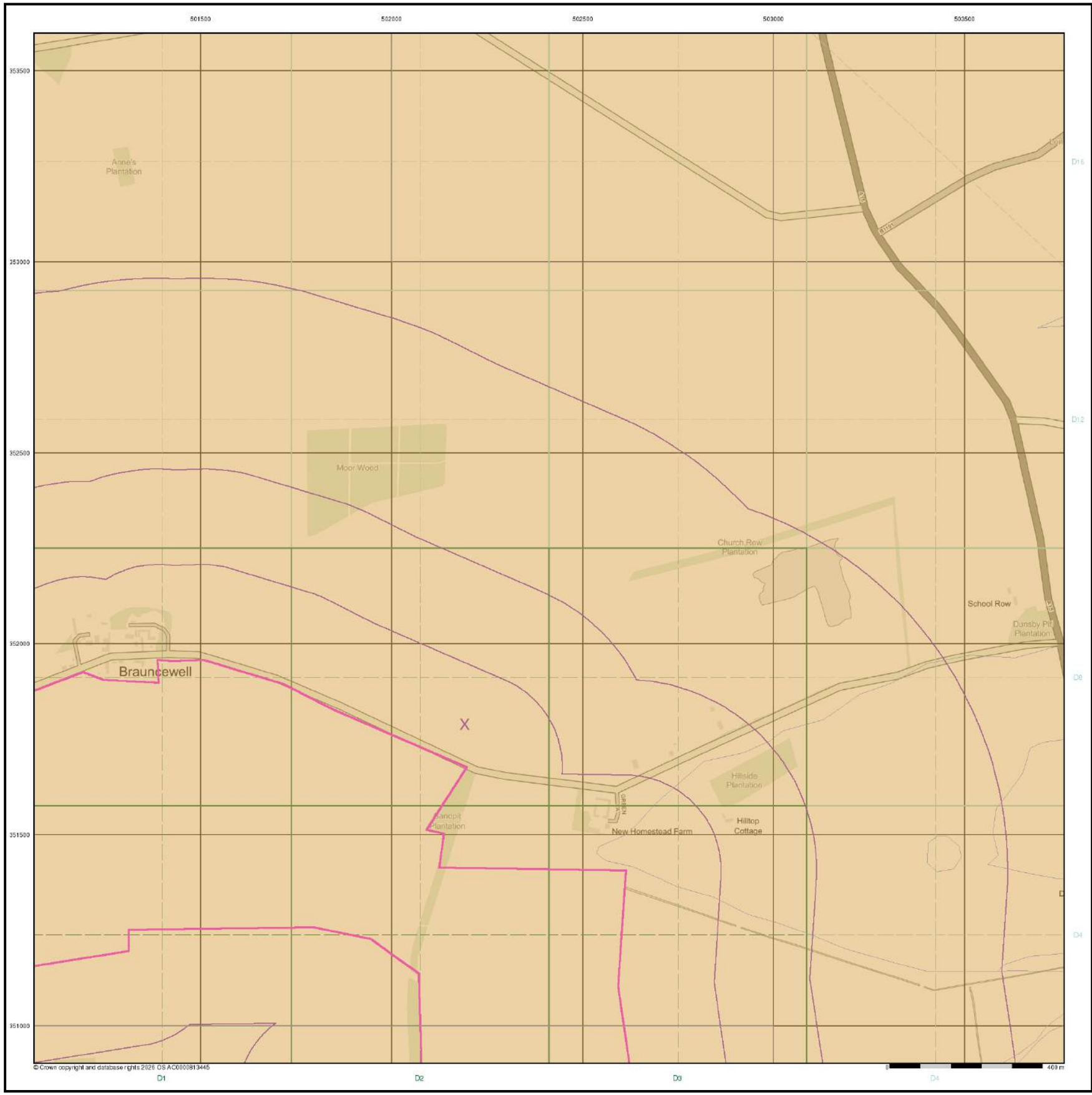
Order Details:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
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General

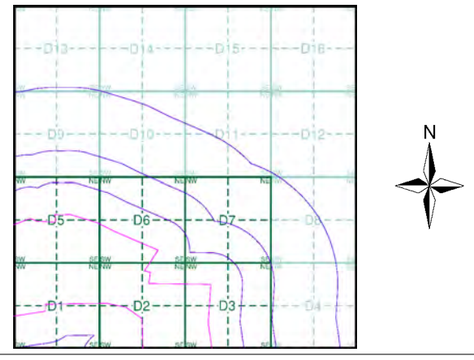
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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

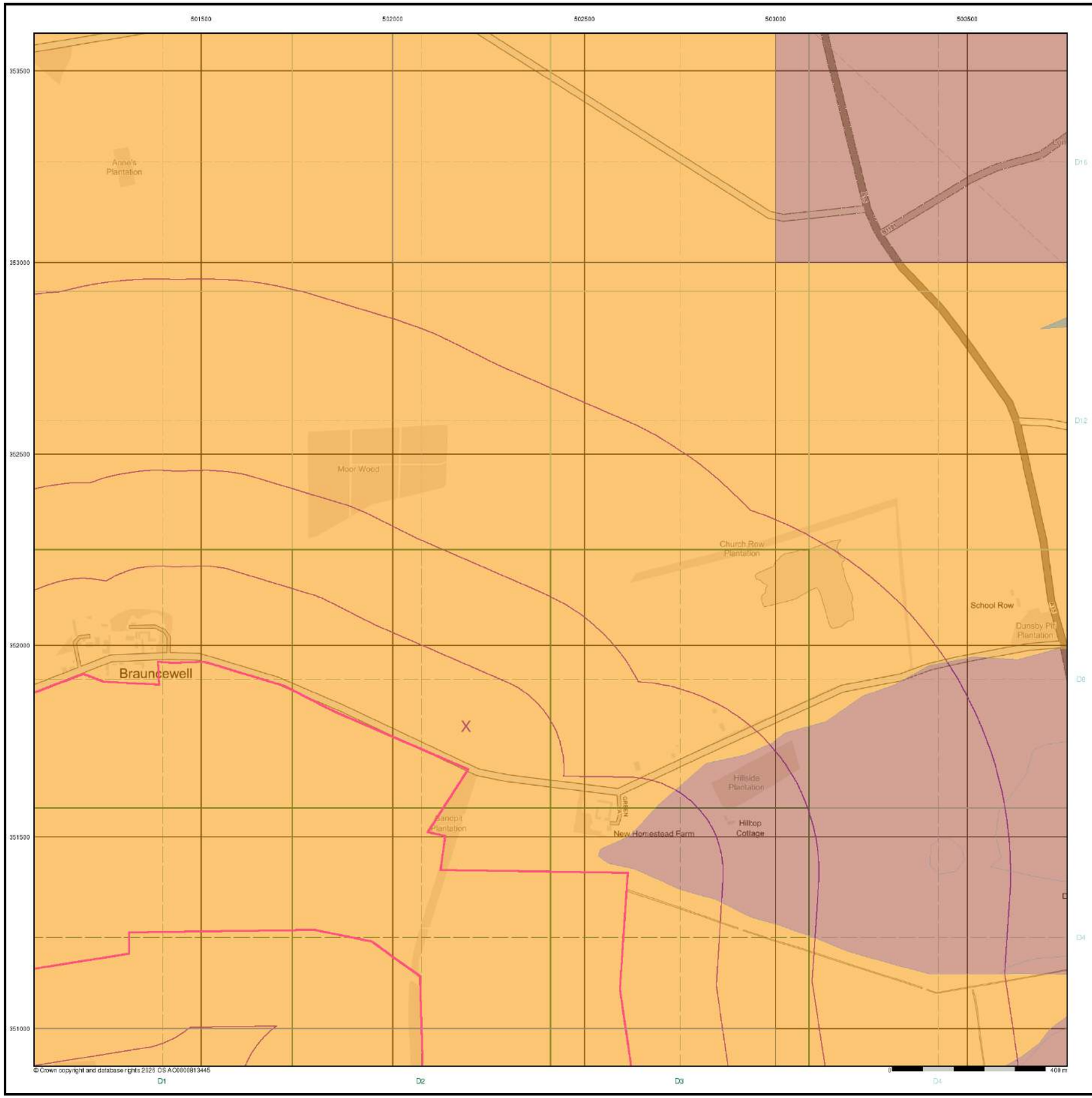


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Search Buffer (m):	1000

Site Details

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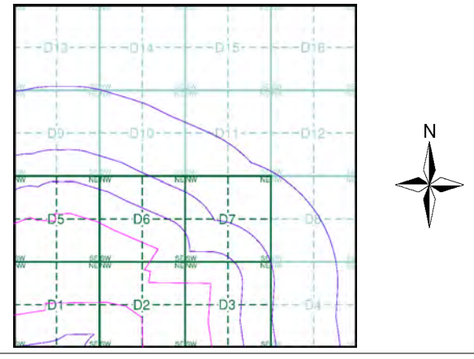
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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



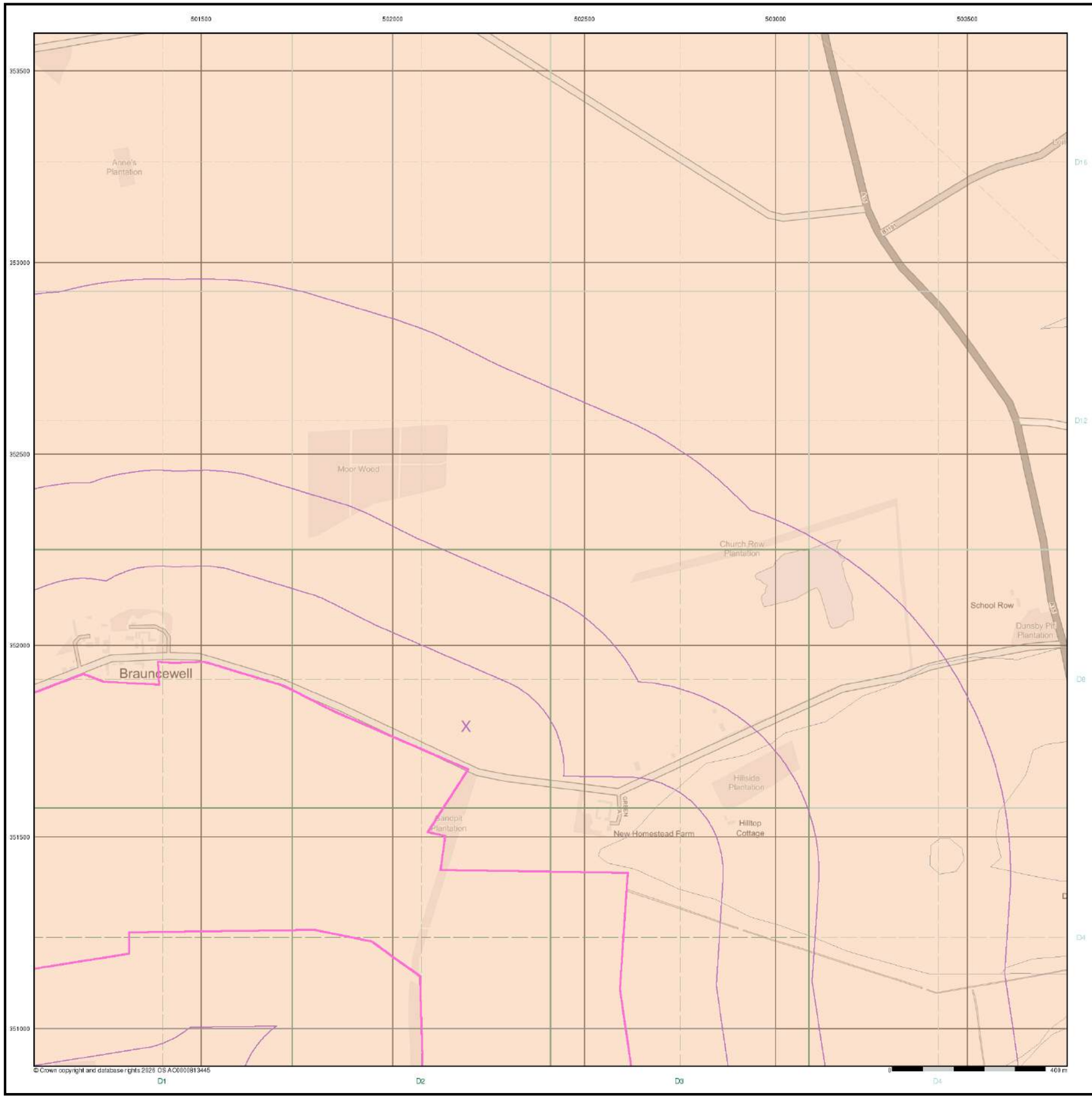
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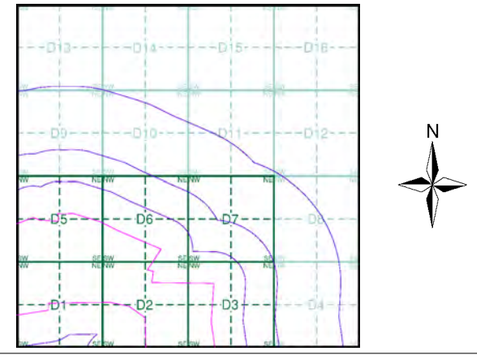
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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

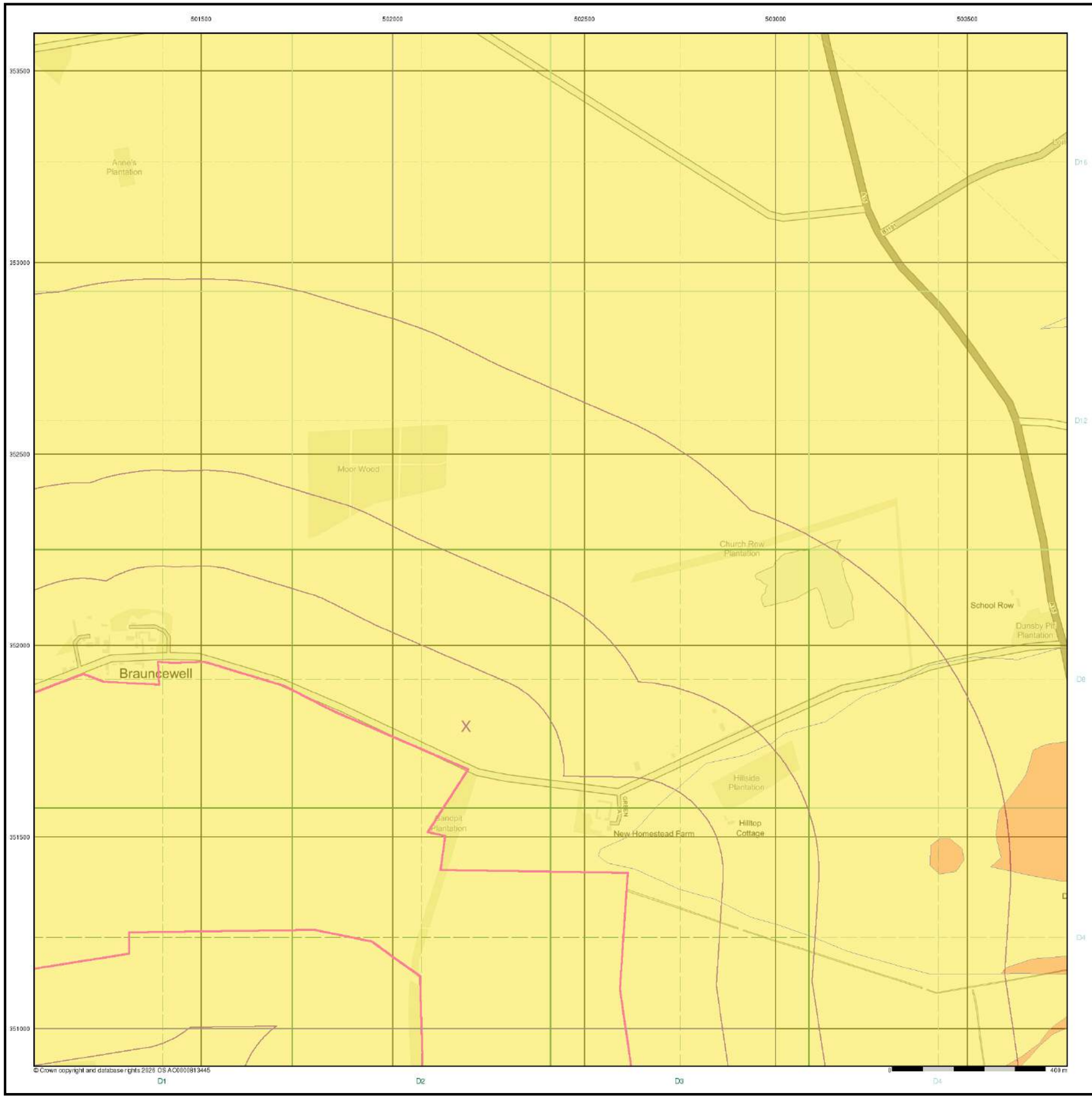


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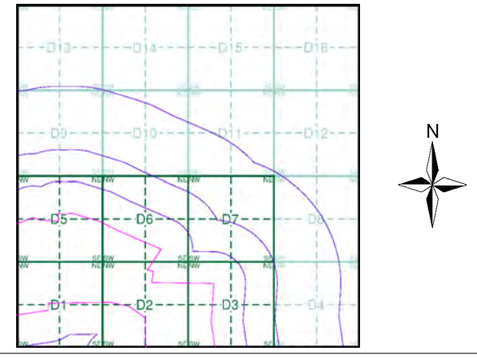
Specified Site Specified Buffer(s) X Bearing Reference Point

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:	406246422_1_1
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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
Pole
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

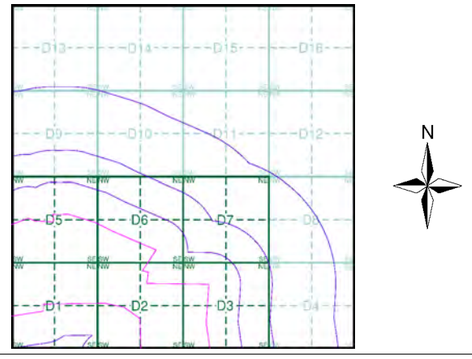
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community 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
Lincolnshire	1:10,560	1887	2
Lincolnshire	1:10,560	1905 - 1906	3
Lincolnshire	1:10,560	1947 - 1950	4
Ordnance Survey Plan	1:10,000	1956	5
Ordnance Survey Plan	1:10,000	1985	6
10K Raster Mapping	1:10,000	2000	7
10K Raster Mapping	1:10,000	2006	8
VectorMap Local	1:10,000	2026	9

Historical Map - Slice D



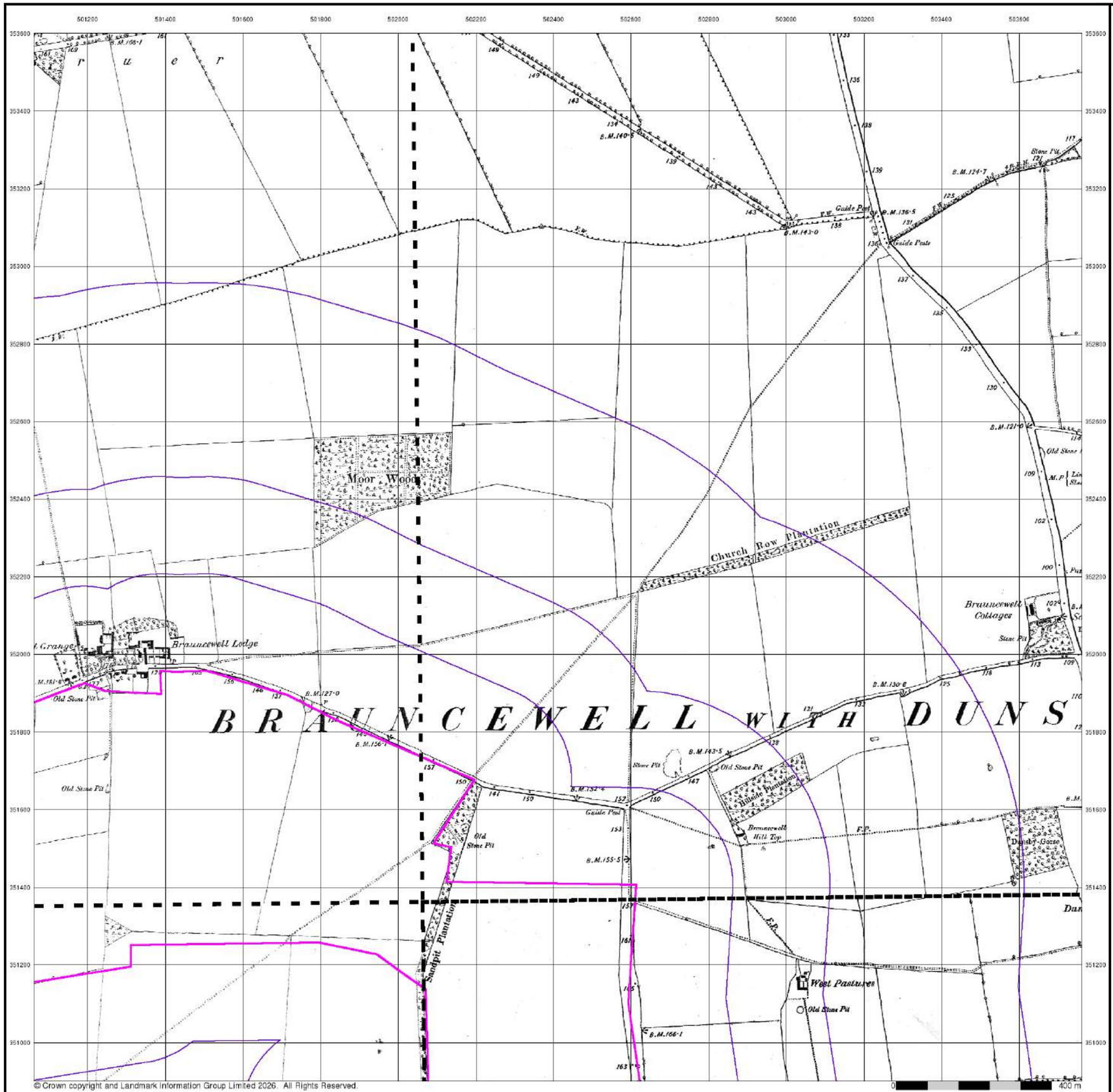
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Slice: D
Site Area (Ha): 259.07
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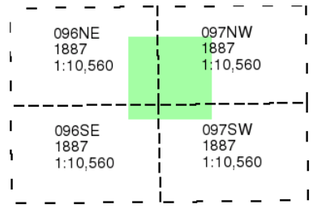
Lincolnshire

Published 1887

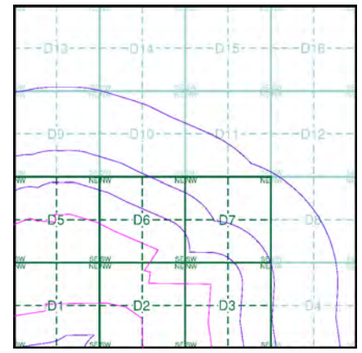
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice D



Order Details

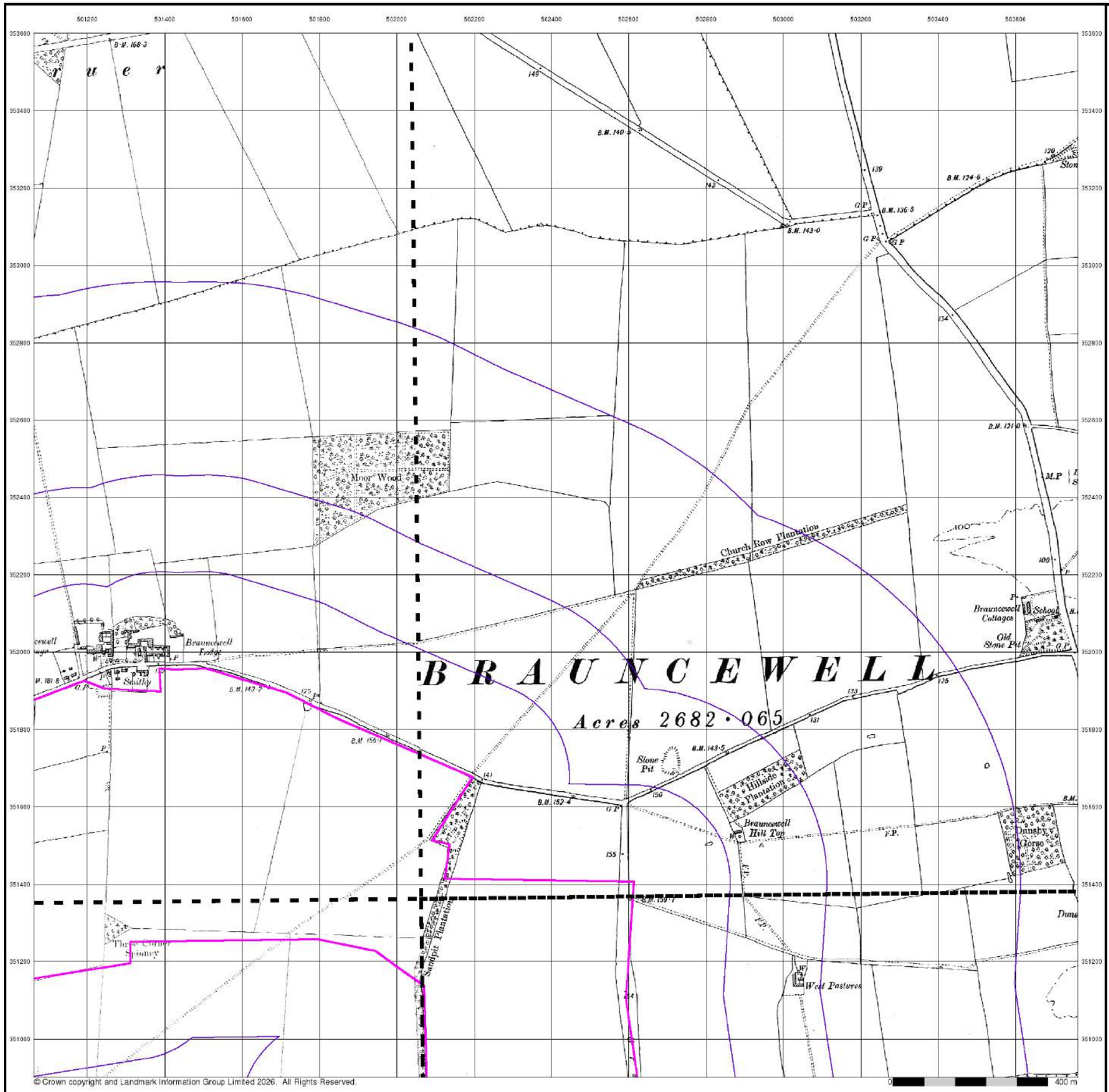
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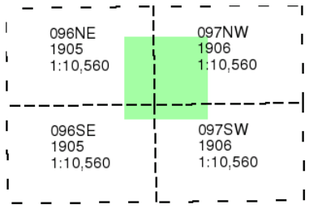
Lincolnshire

Published 1905 - 1906

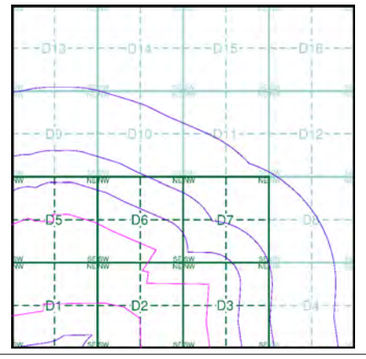
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice D



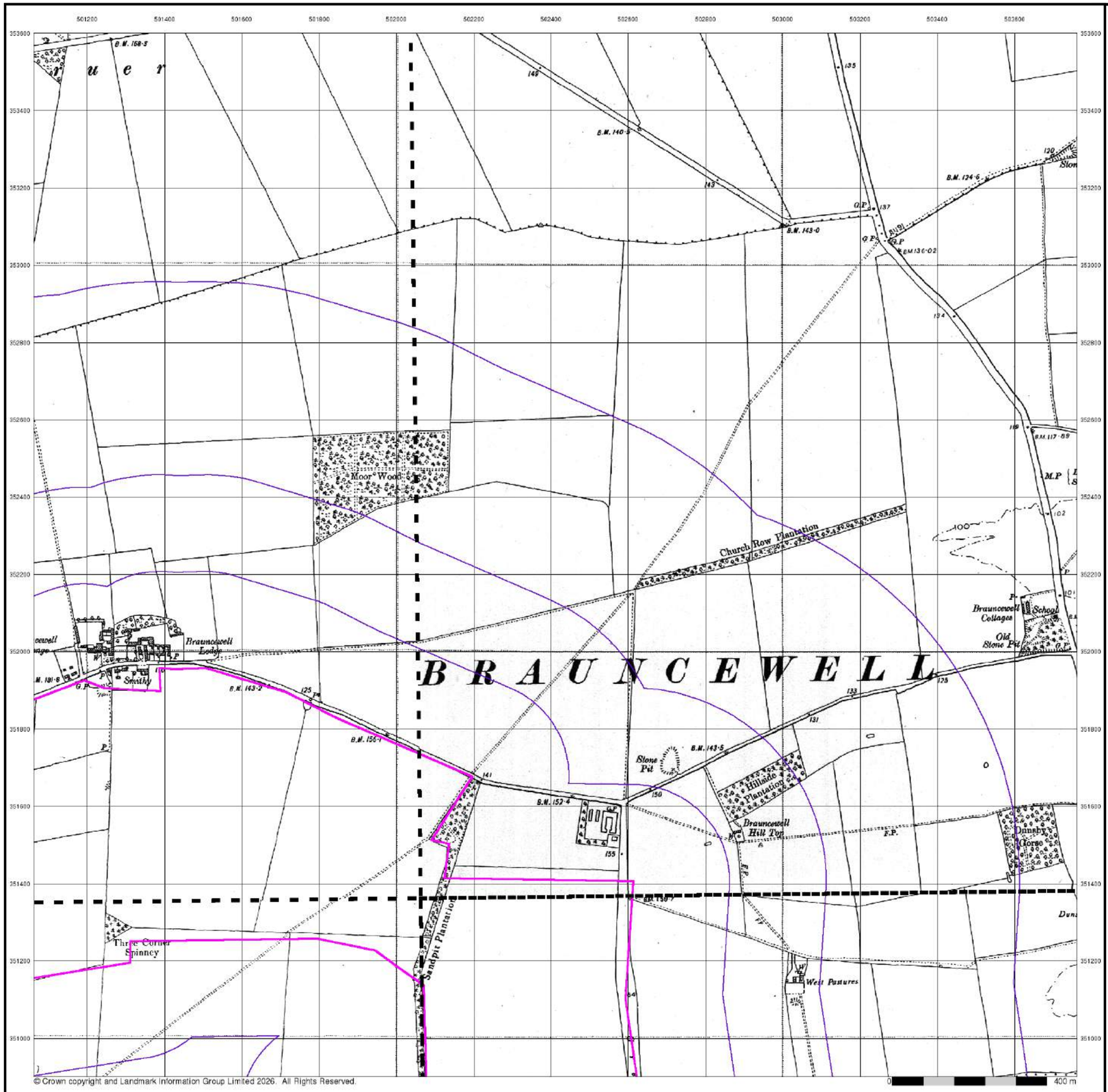
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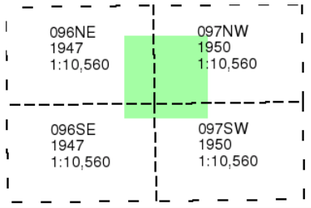
Lincolnshire

Published 1947 - 1950

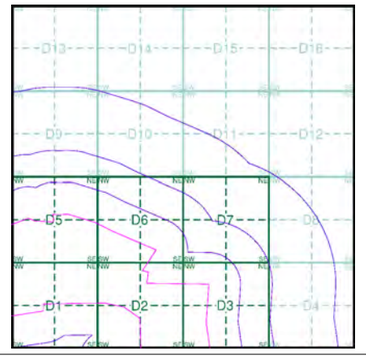
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Historical Map - Slice D



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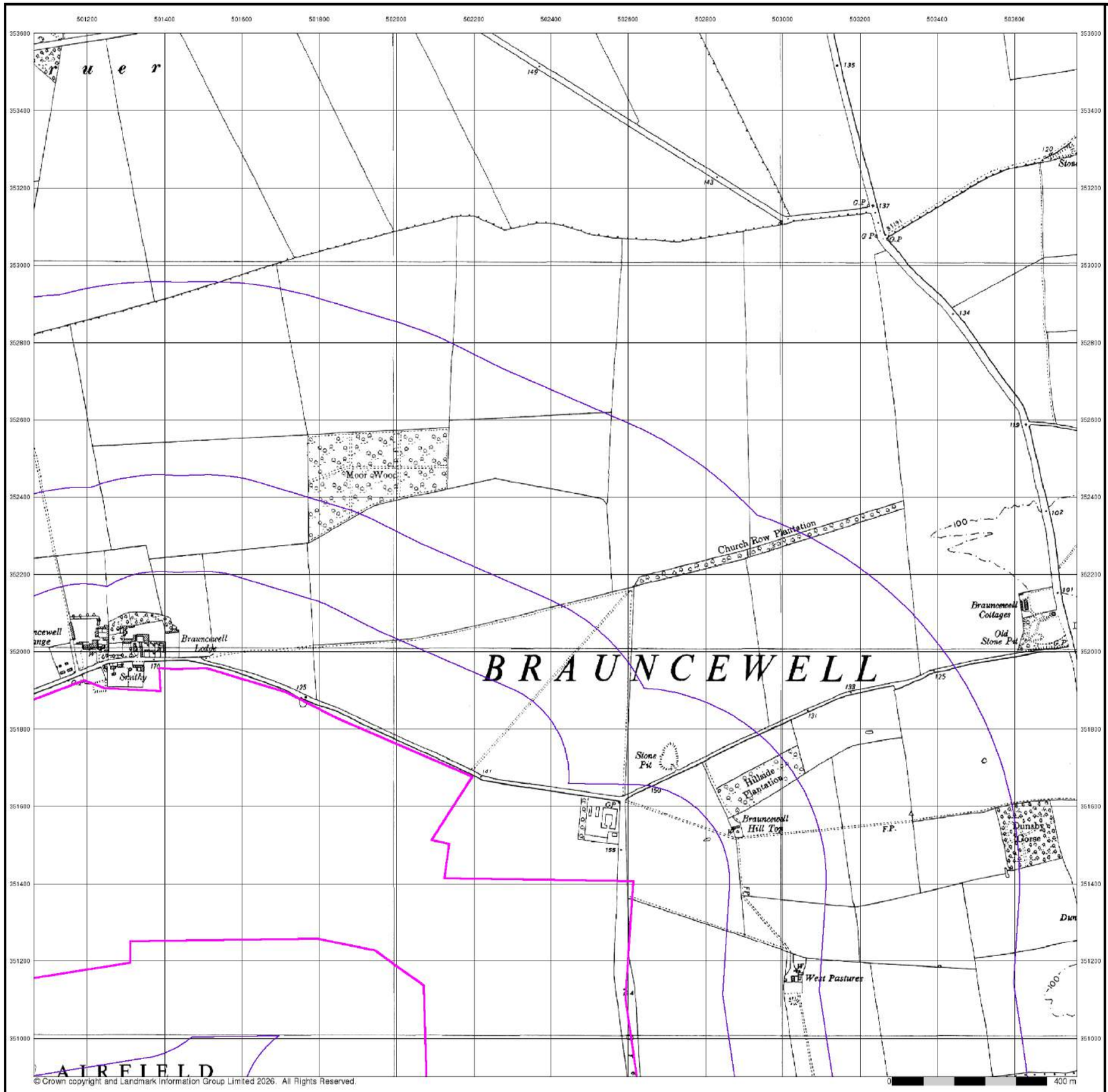
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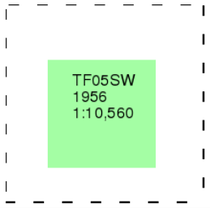
Ordnance Survey Plan

Published 1956

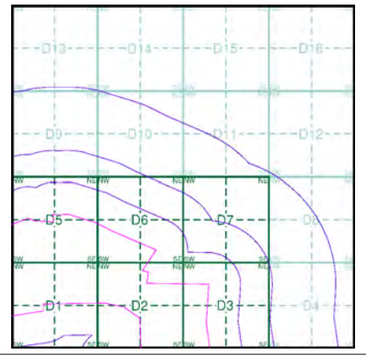
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice D



Order Details

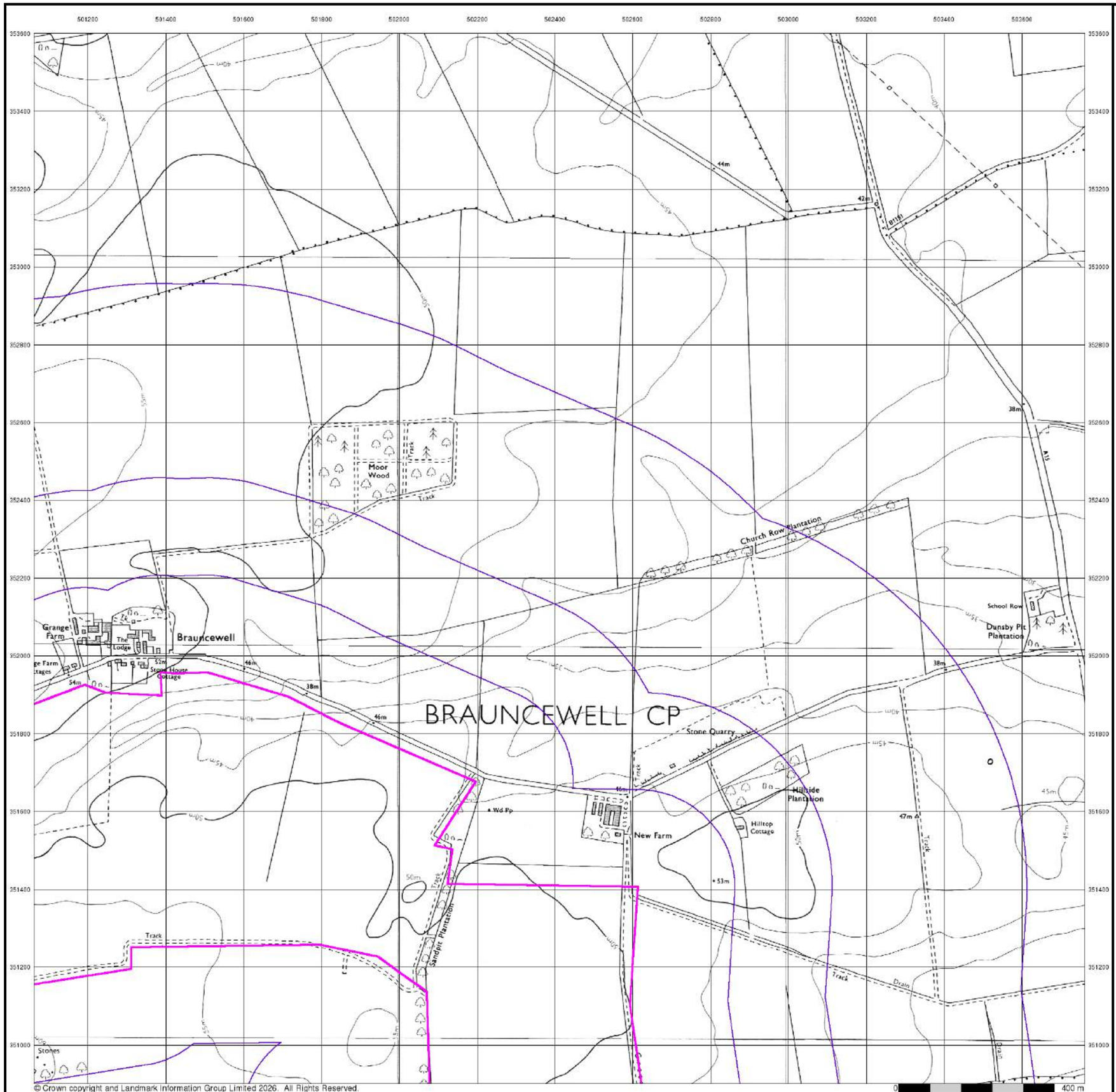
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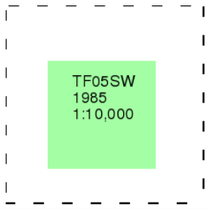
Ordnance Survey Plan

Published 1985

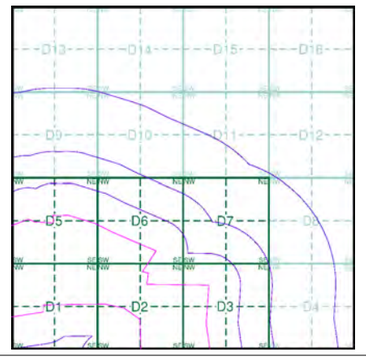
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice D



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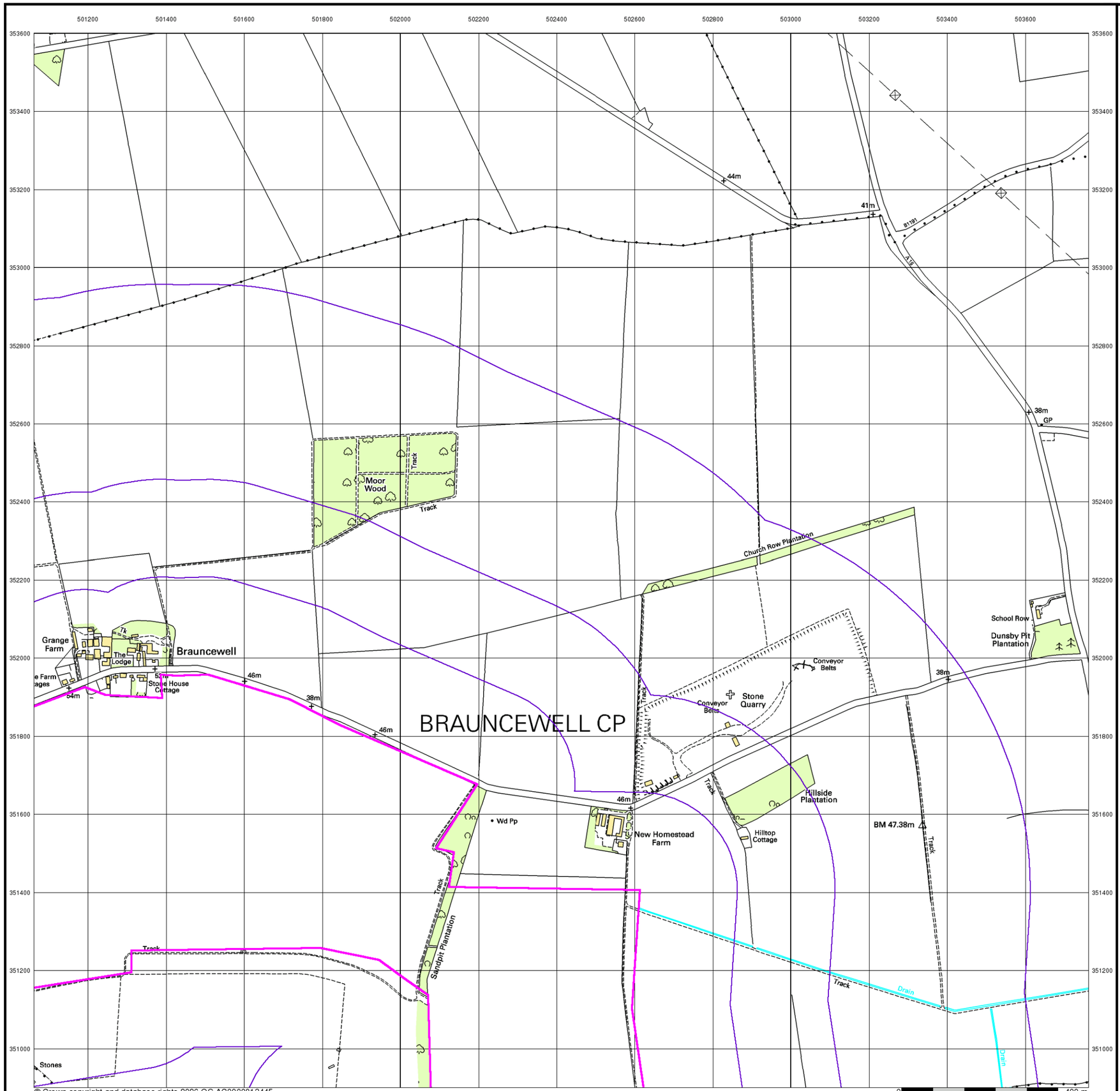
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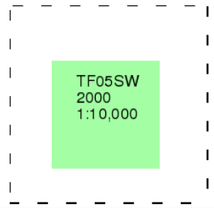
10k Raster Mapping

Published 2000

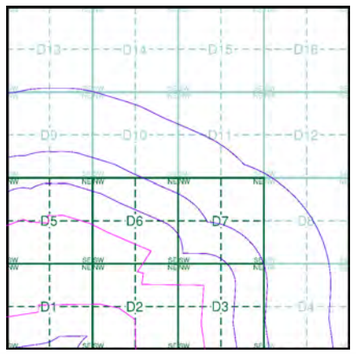
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice D



Order Details

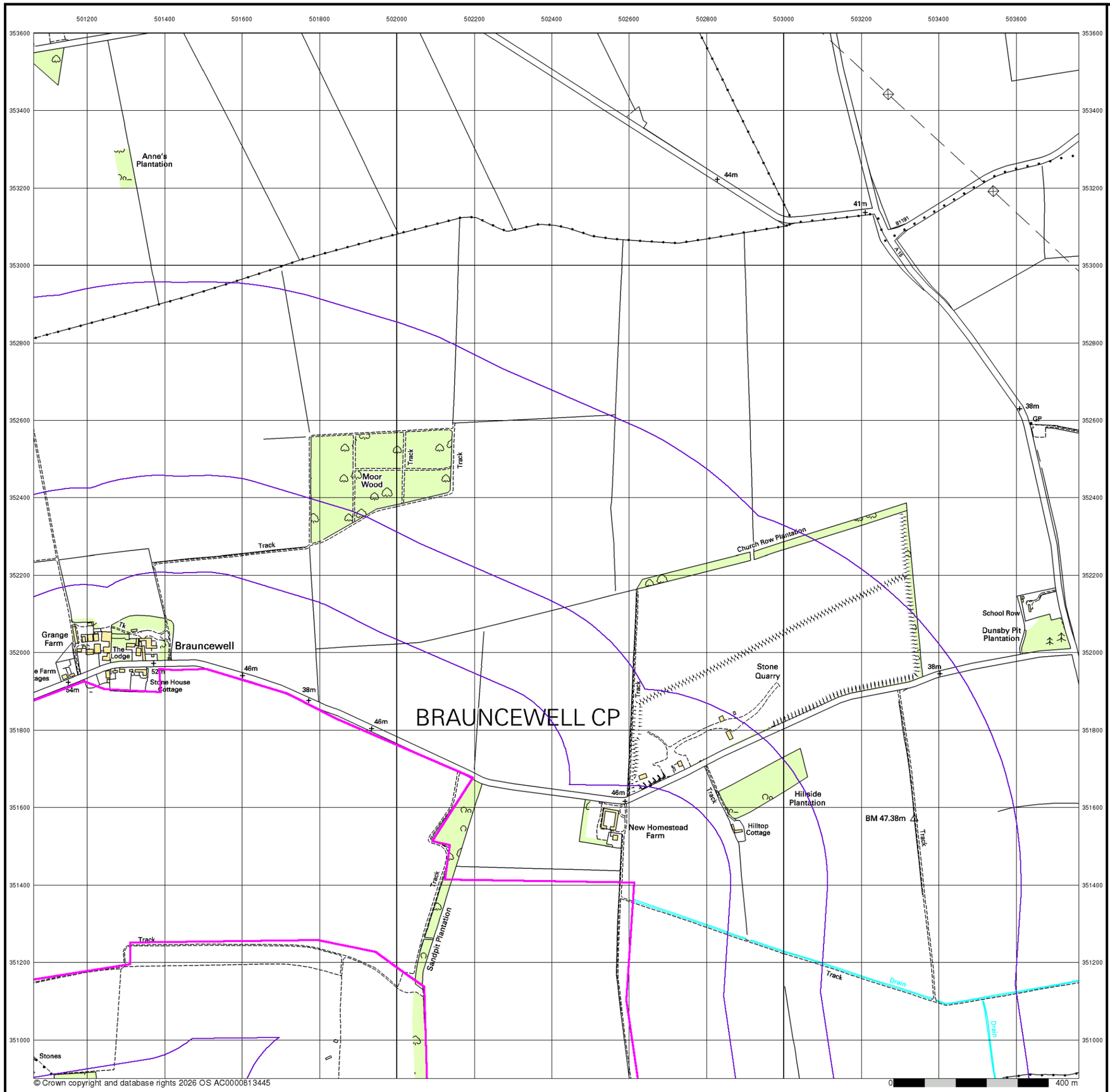
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Site Area (Ha):	259.07
Search Buffer (m):	1000

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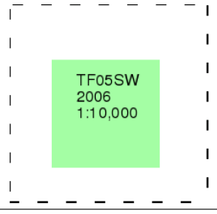
10k Raster Mapping

Published 2006

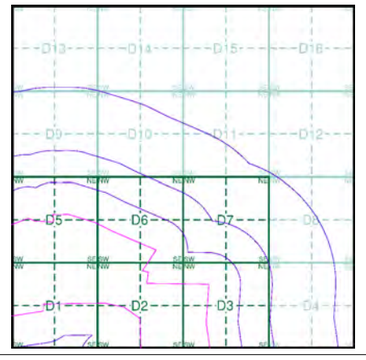
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice D



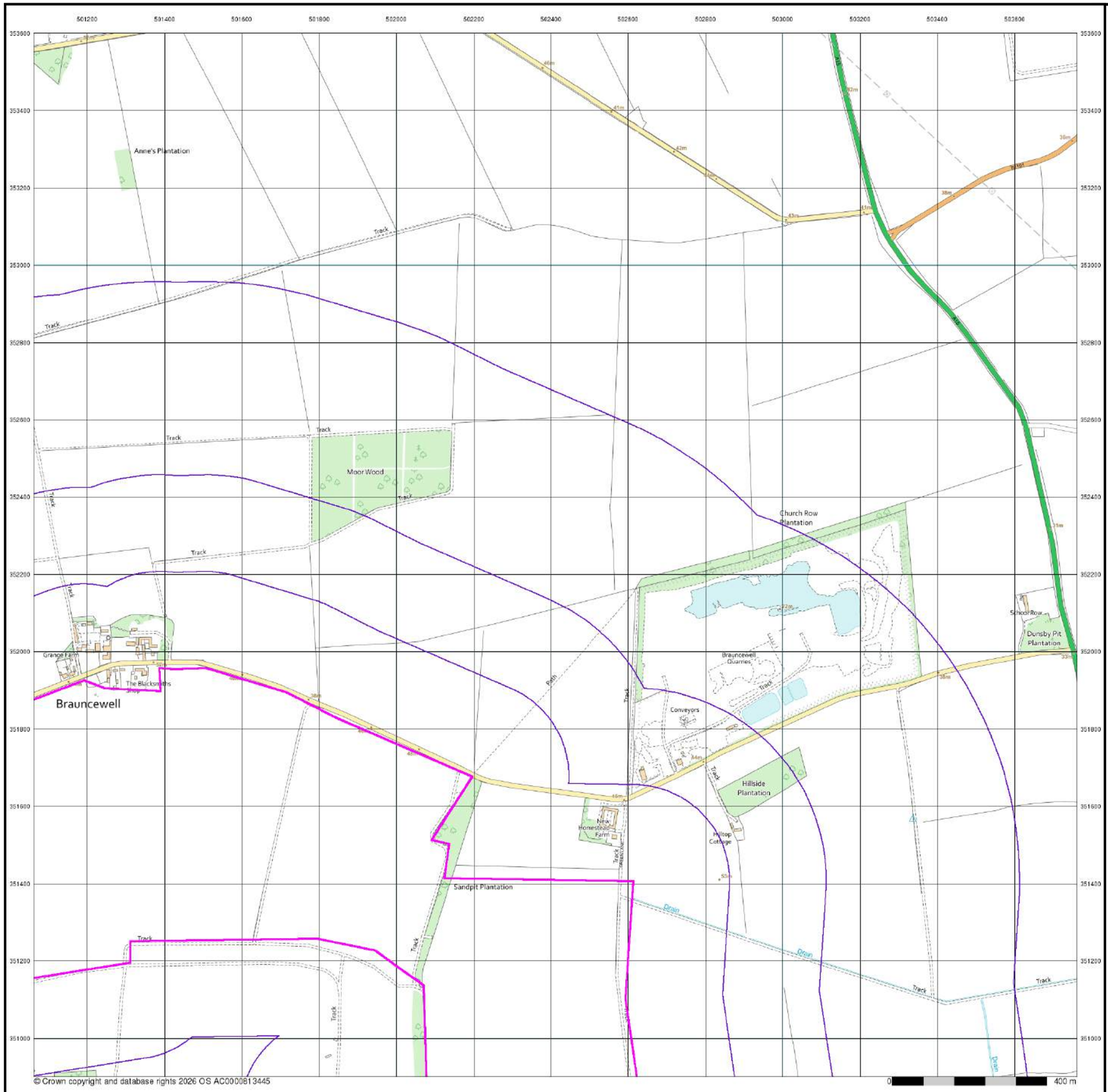
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

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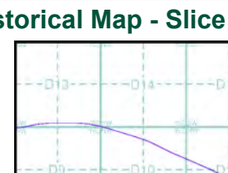
VectorMap Local

Published 2026

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 D

Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	1000

Site Details

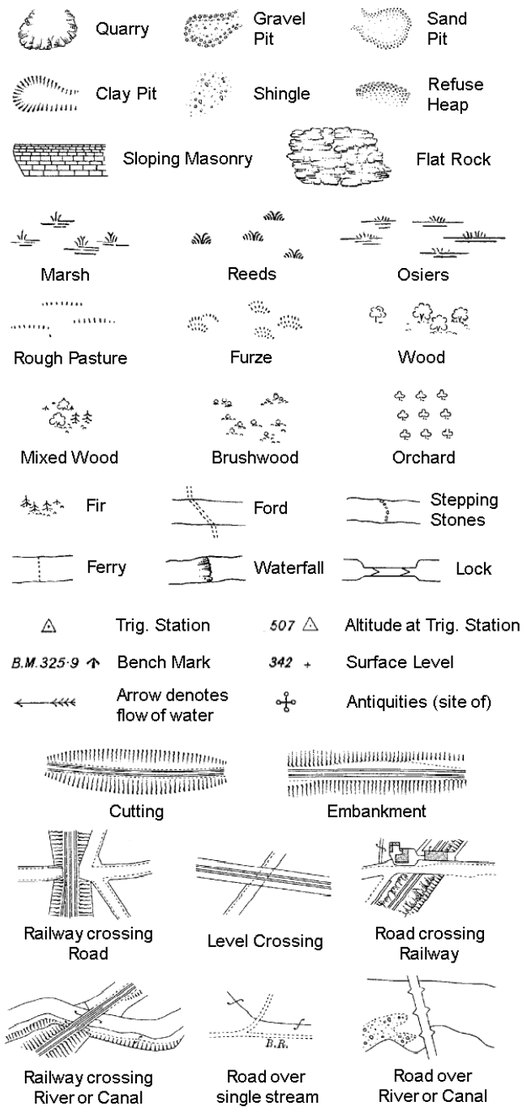
1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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Historical Mapping Legends

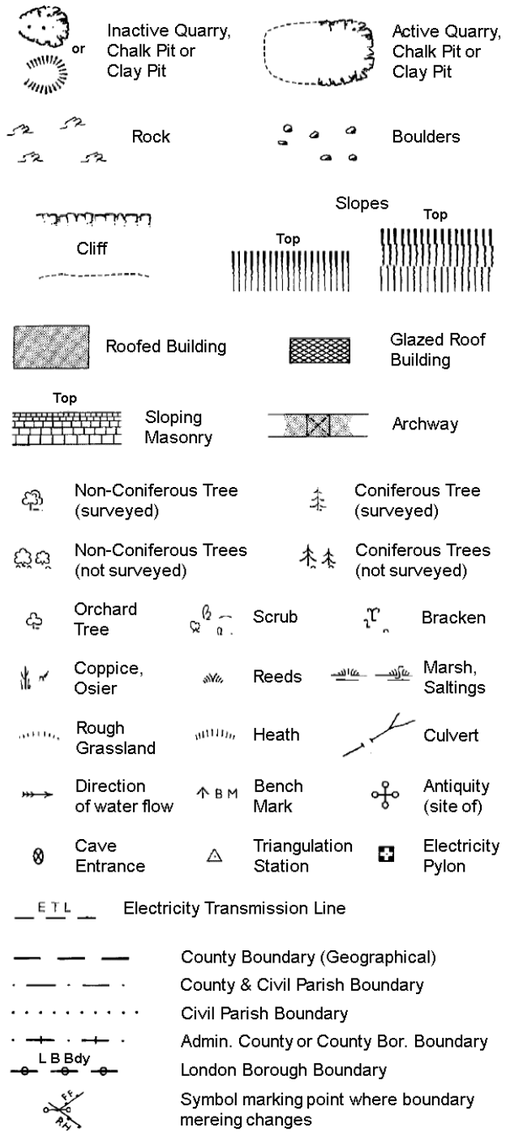
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

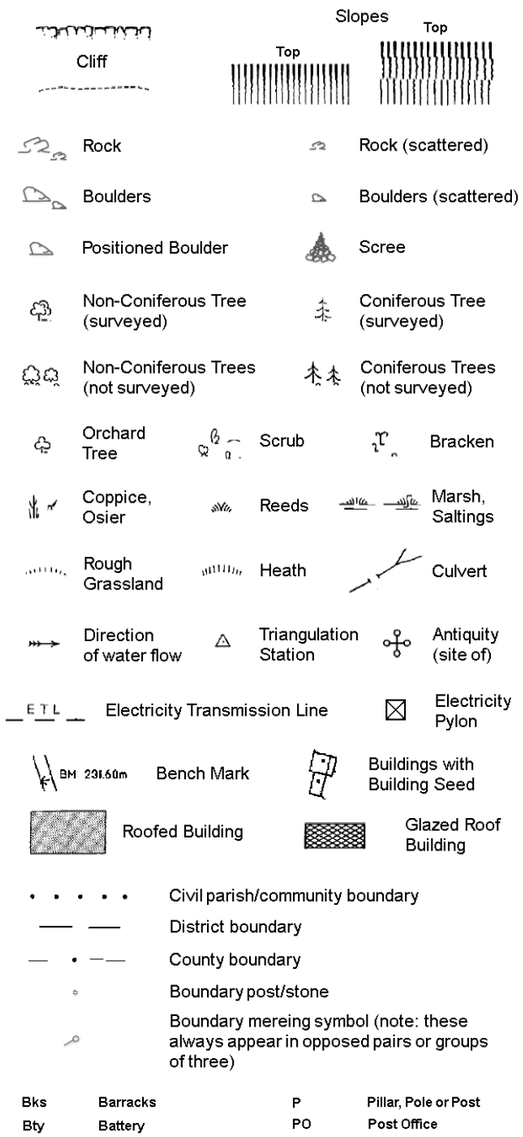
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

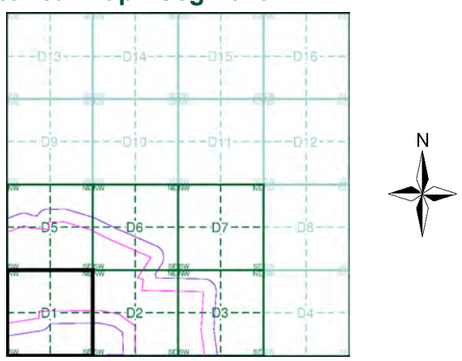
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1887	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1980	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment D1



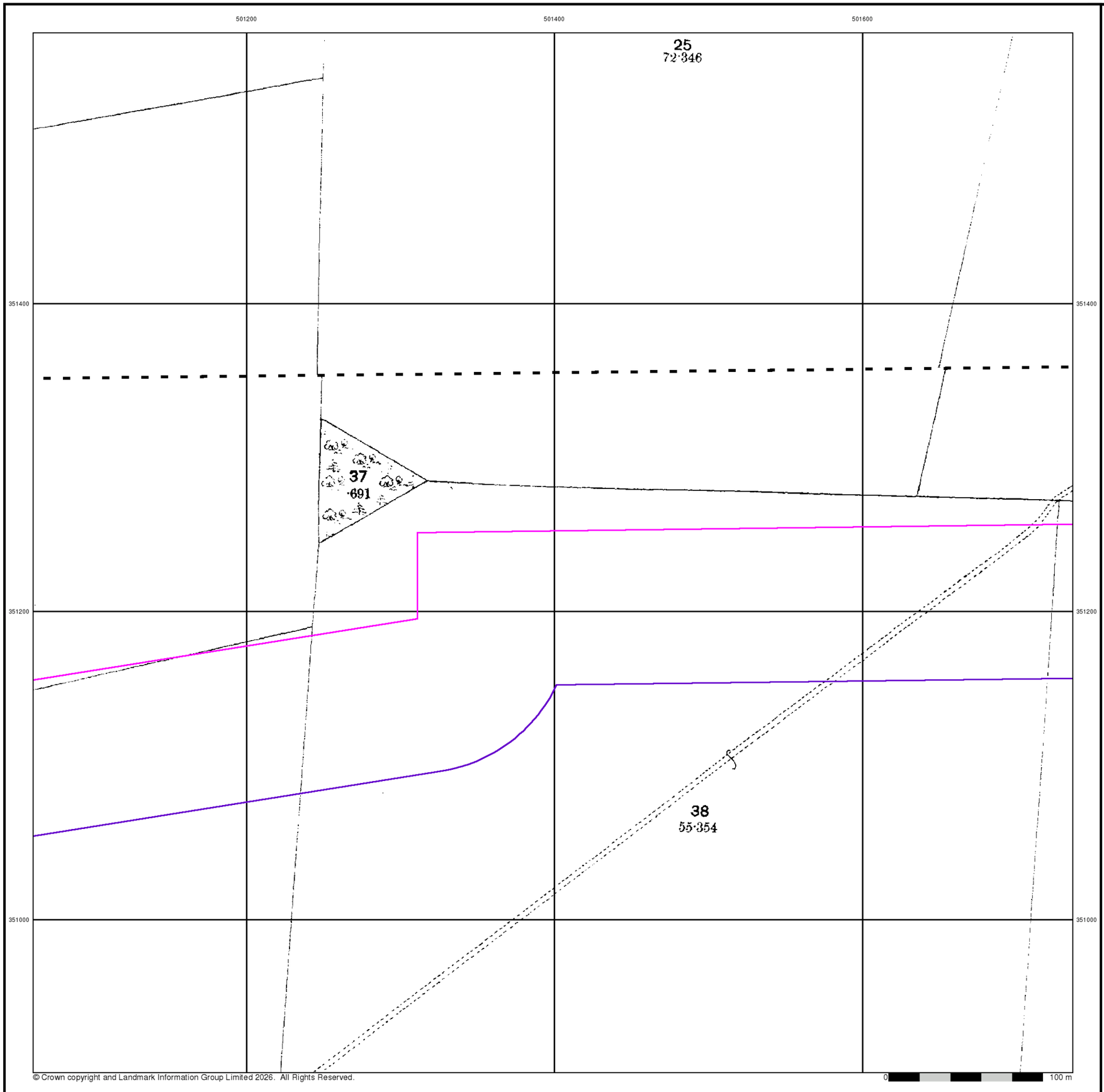
Order Details

Order Number: 406246422_1_1
Customer Ref: 323777
National Grid Reference: 502190, 351790
Slice: D
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

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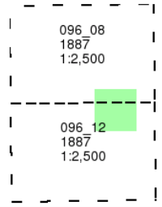
Lincolnshire

Published 1887

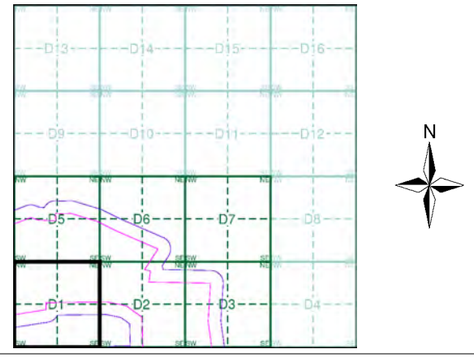
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment D1



Order Details

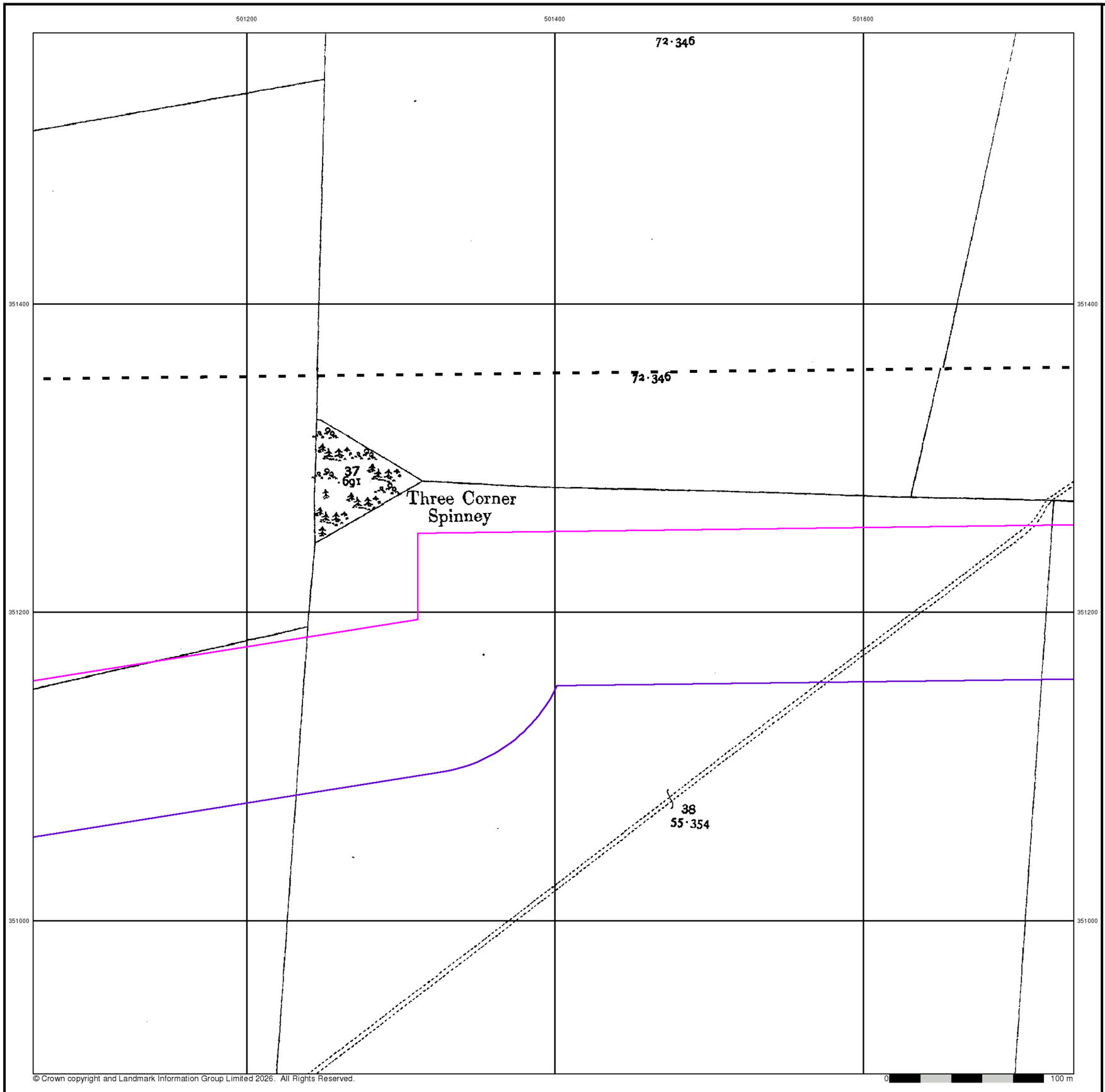
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Customer Ref:	323777
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Slice:	D
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Search Buffer (m):	100

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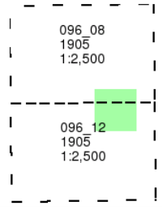
Lincolnshire

Published 1905

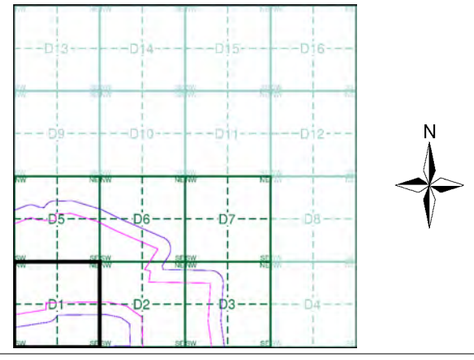
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D1



Order Details

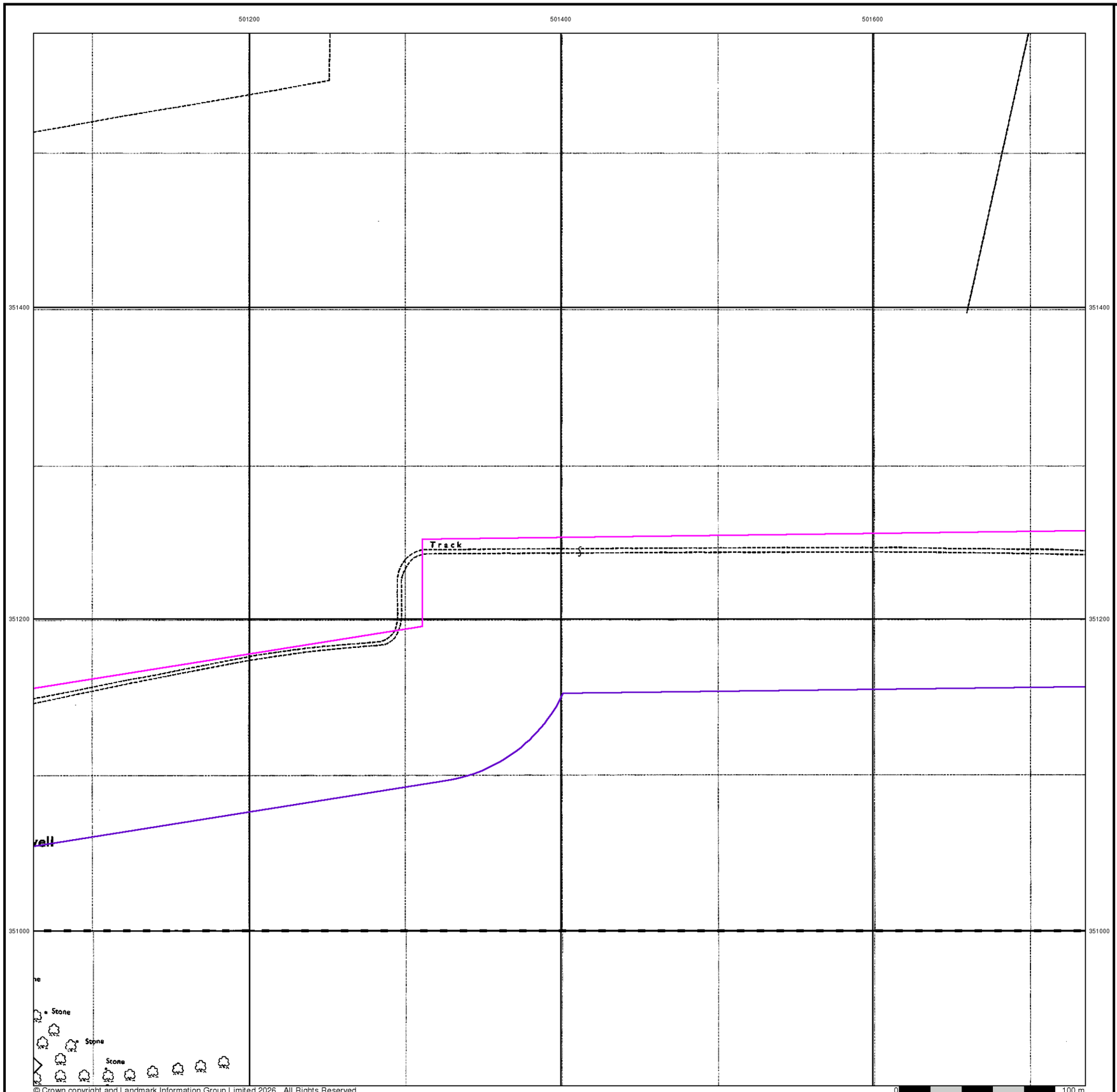
Order Number:	406246422_1_1
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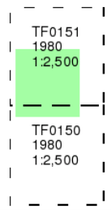
Ordnance Survey Plan

Published 1980

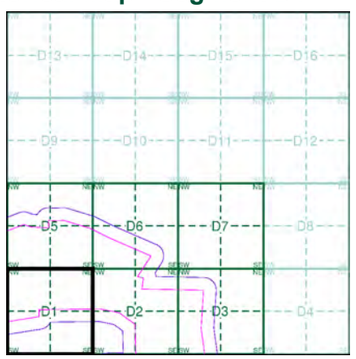
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment D1



Order Details

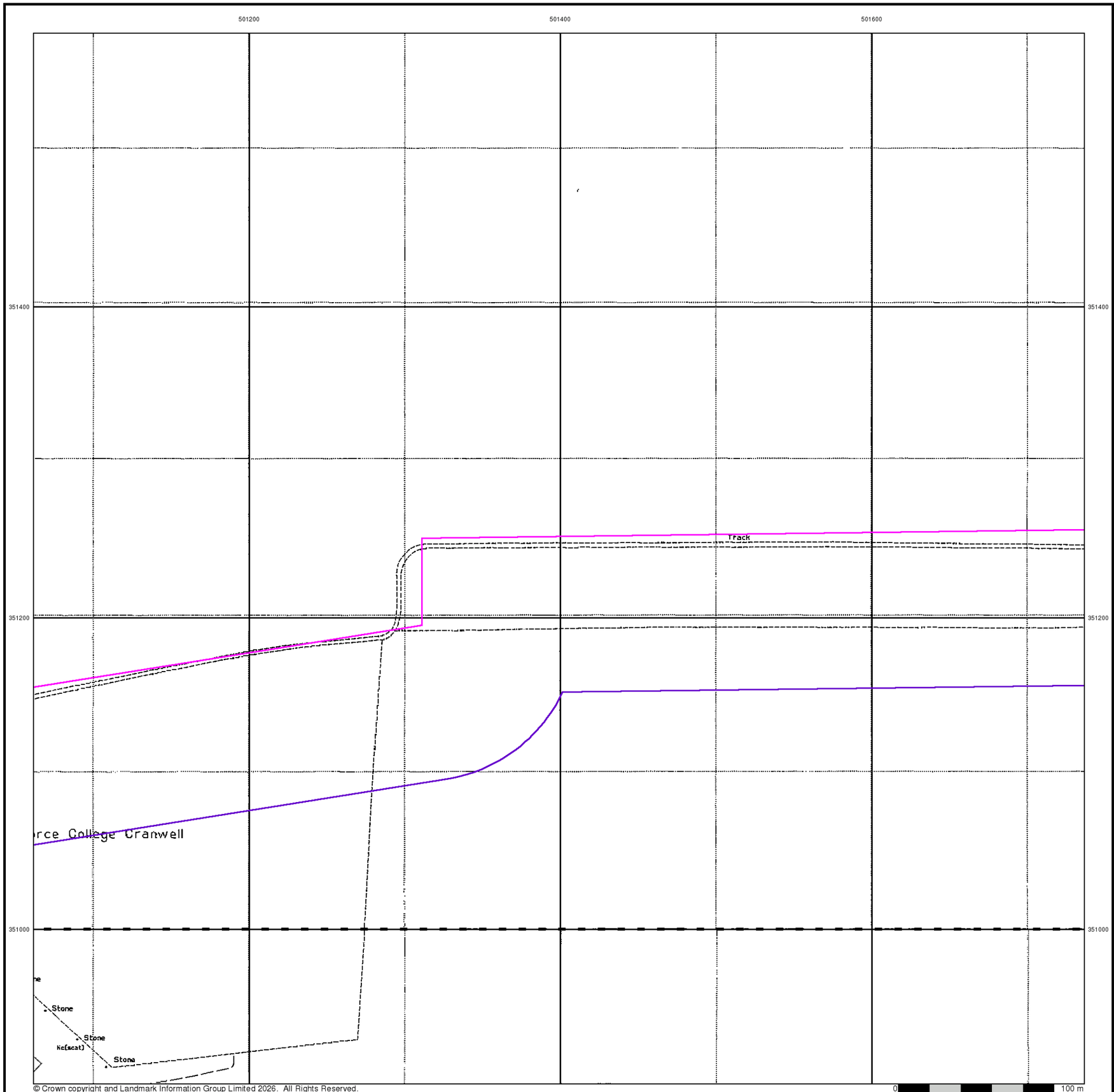
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	100

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Large-Scale National Grid Data

Published 1994

Source map scale - 1:2,500

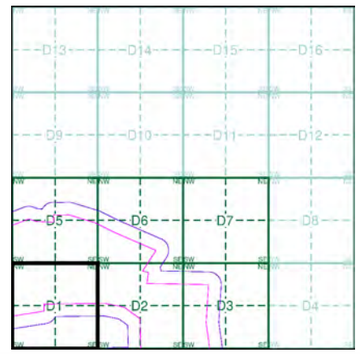
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

TF0151
1994
1:2,500

TF0150
1994
1:2,500

Historical Map - Segment D1



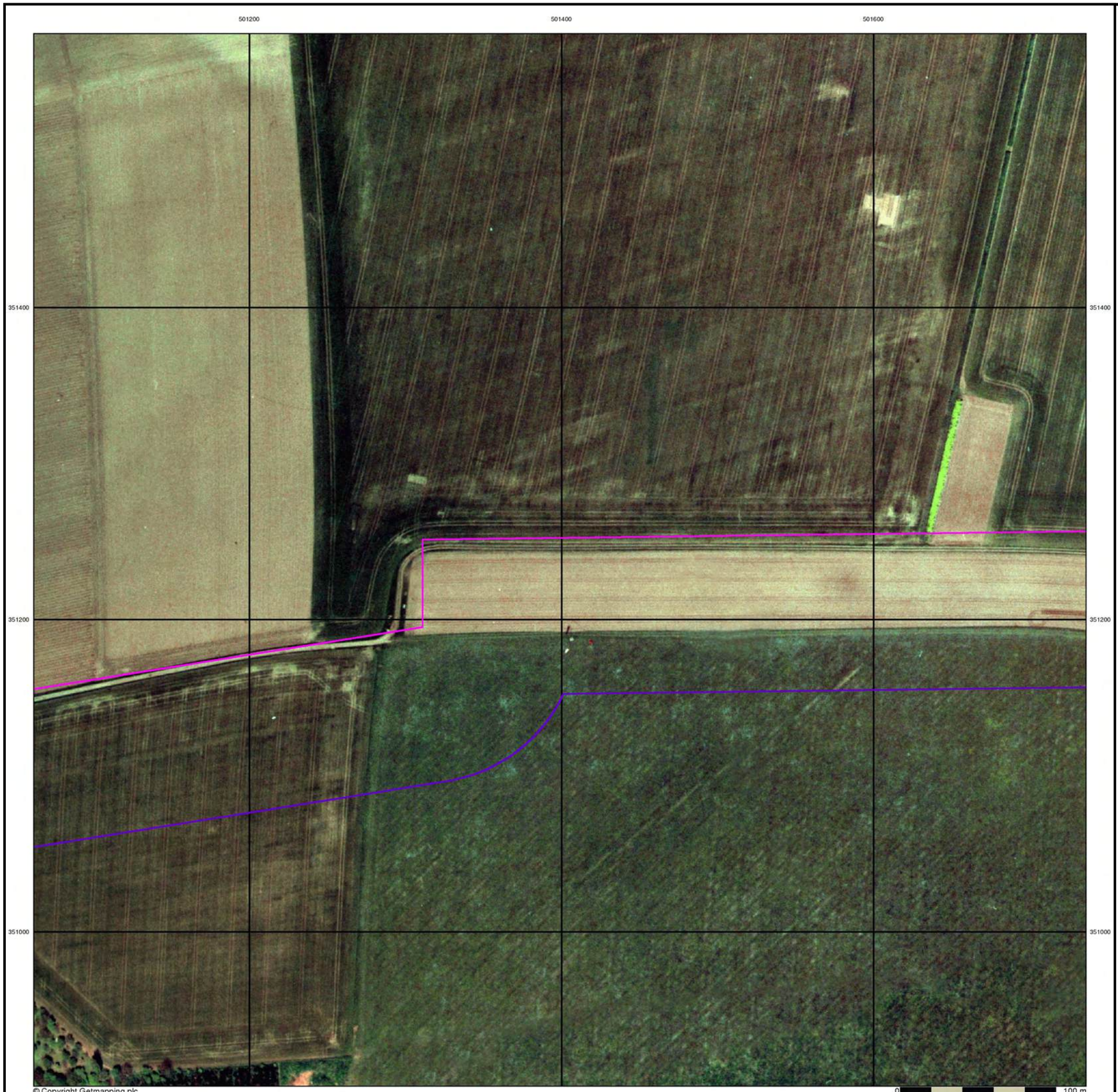
Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
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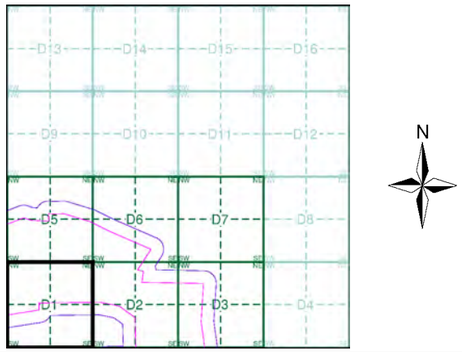
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Historical Aerial Photography

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 D1



Order Details

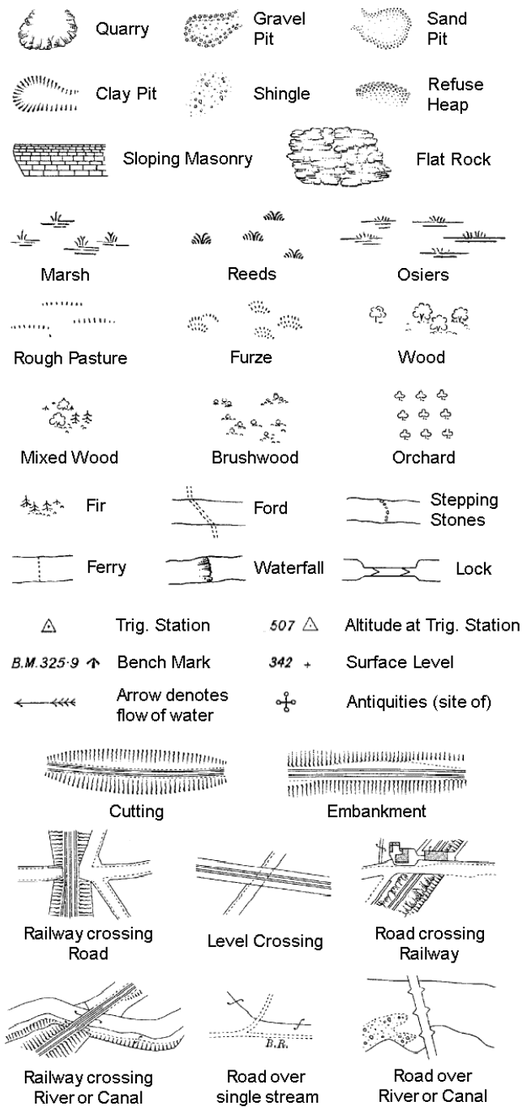
Order Number:	406246422_1_1
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Site Details

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Historical Mapping Legends

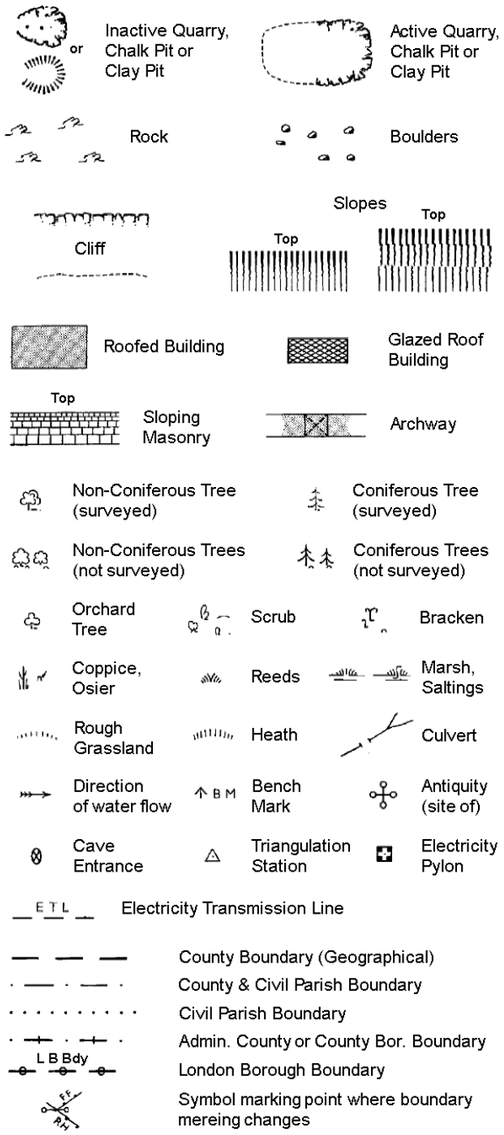
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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)

BP BS	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	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

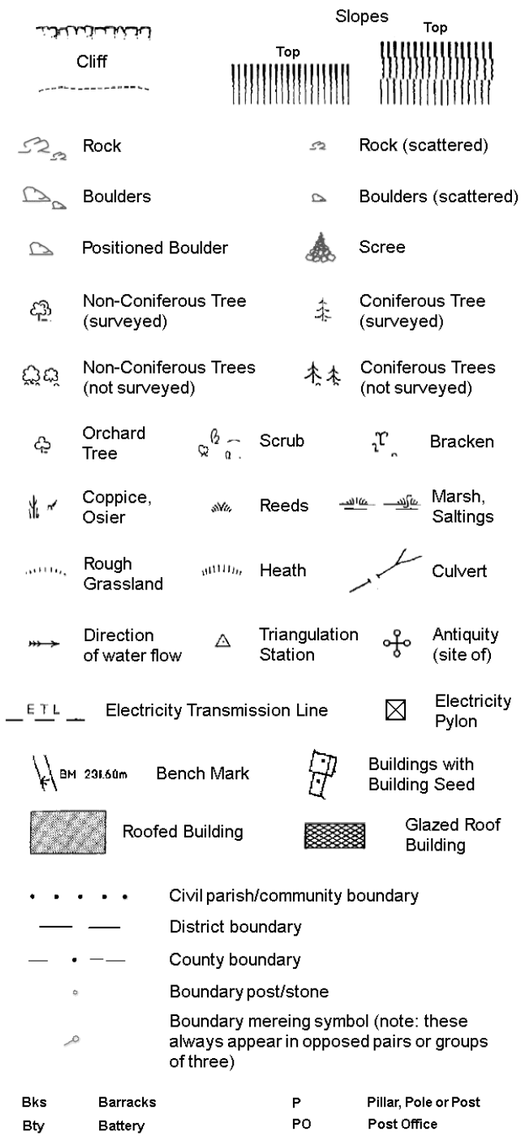
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

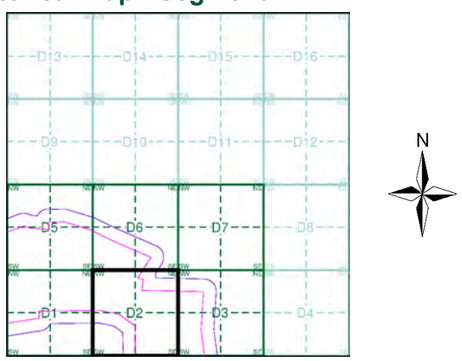
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1887 - 1888	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1980	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment D2



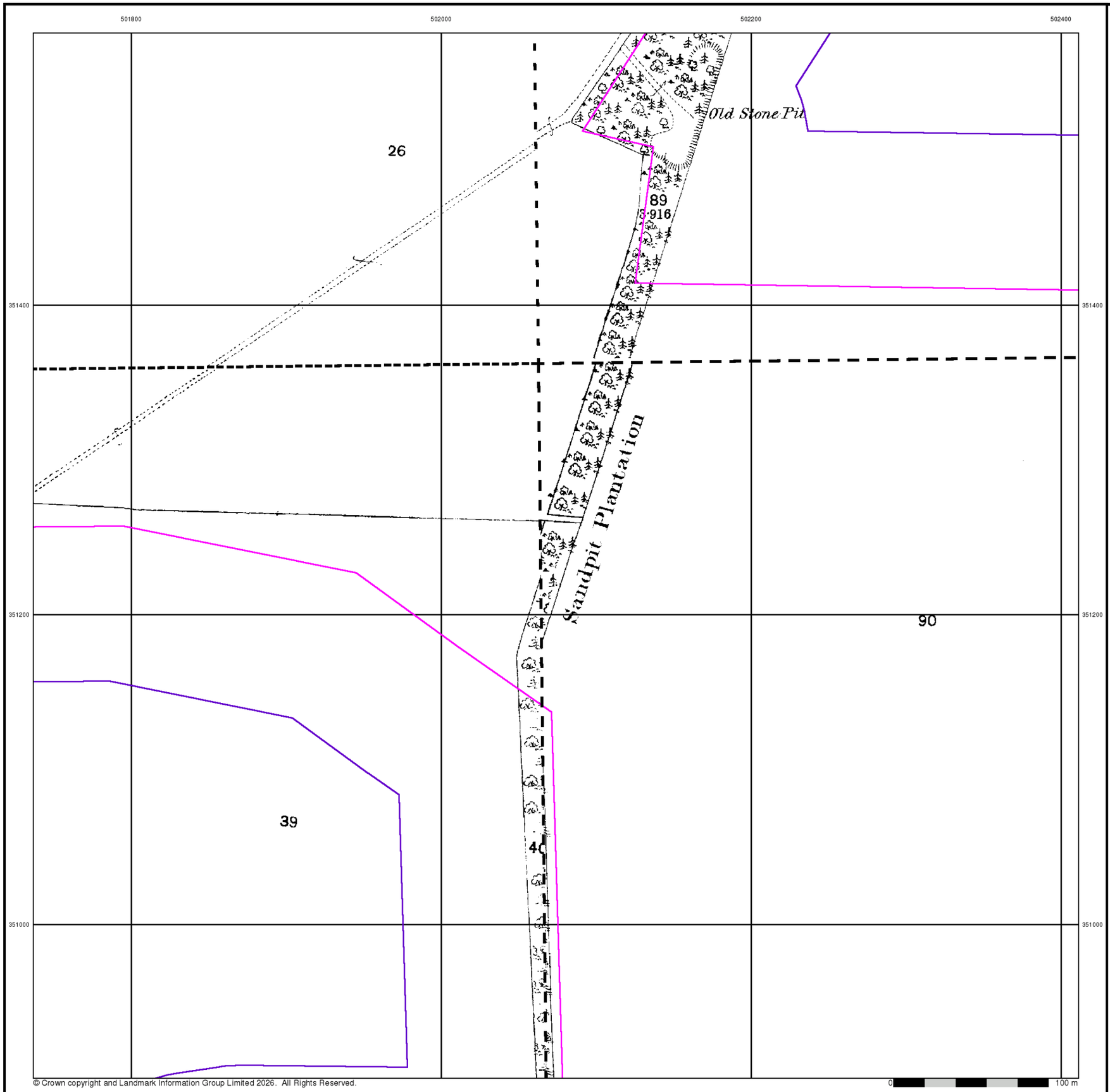
Order Details

Order Number: 406246422_1_1
Customer Ref: 323777
National Grid Reference: 502190, 351790
Slice: D
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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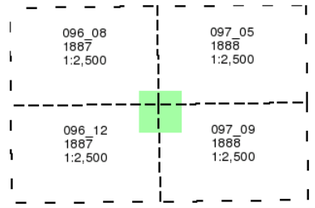
Lincolnshire

Published 1887 - 1888

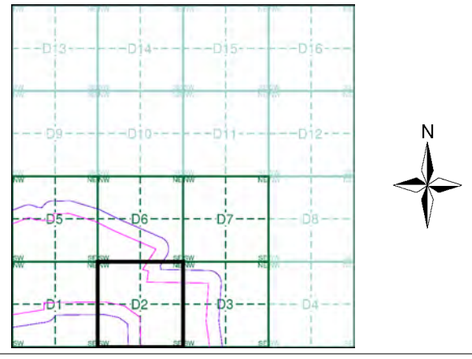
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D2



Order Details

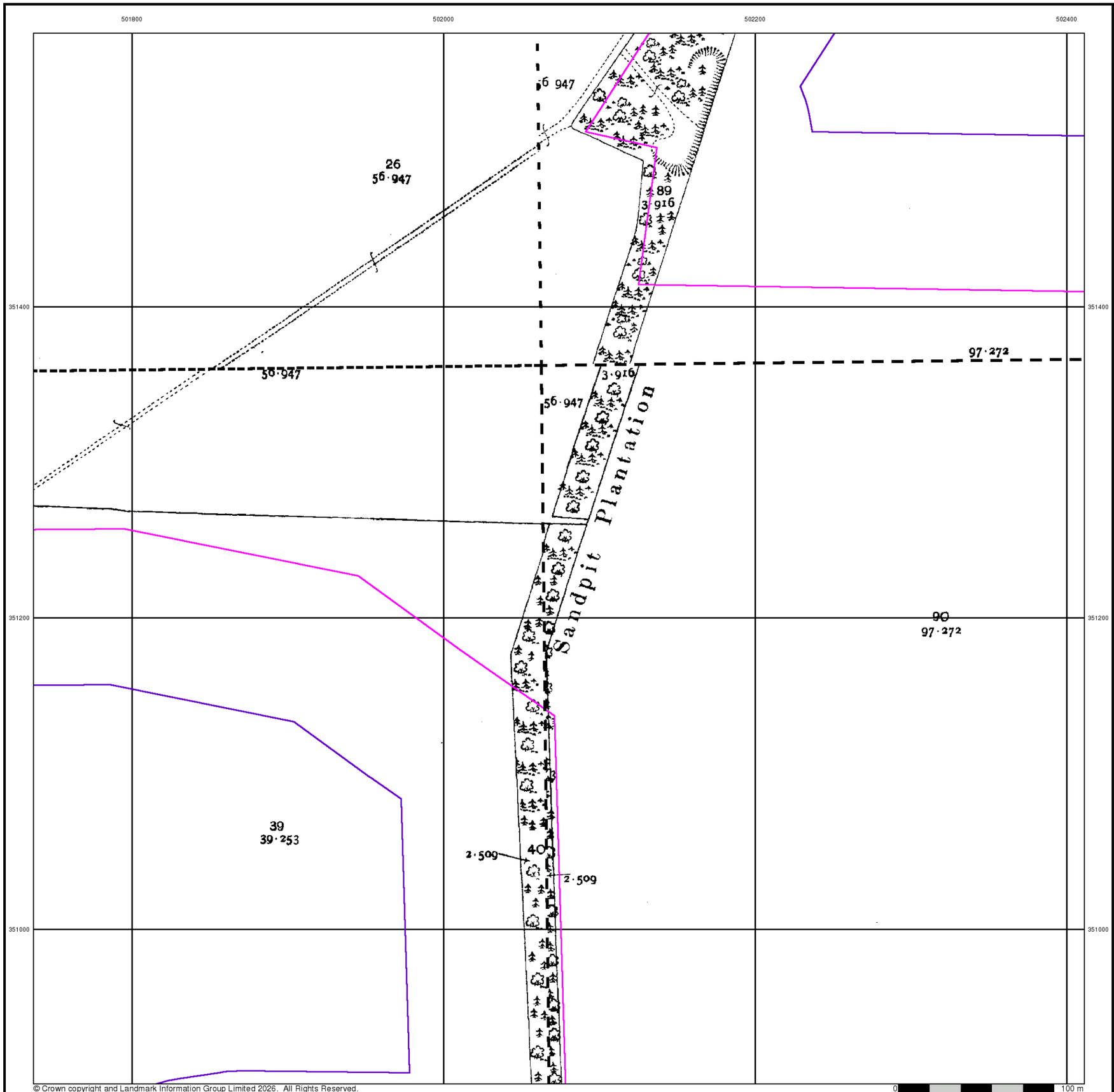
Order Number:	406246422_1_1
Customer Ref:	323777
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Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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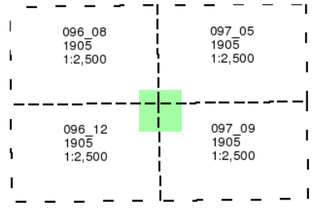
Lincolnshire

Published 1905

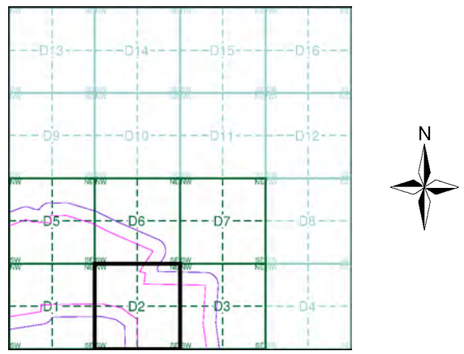
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D2



Order Details

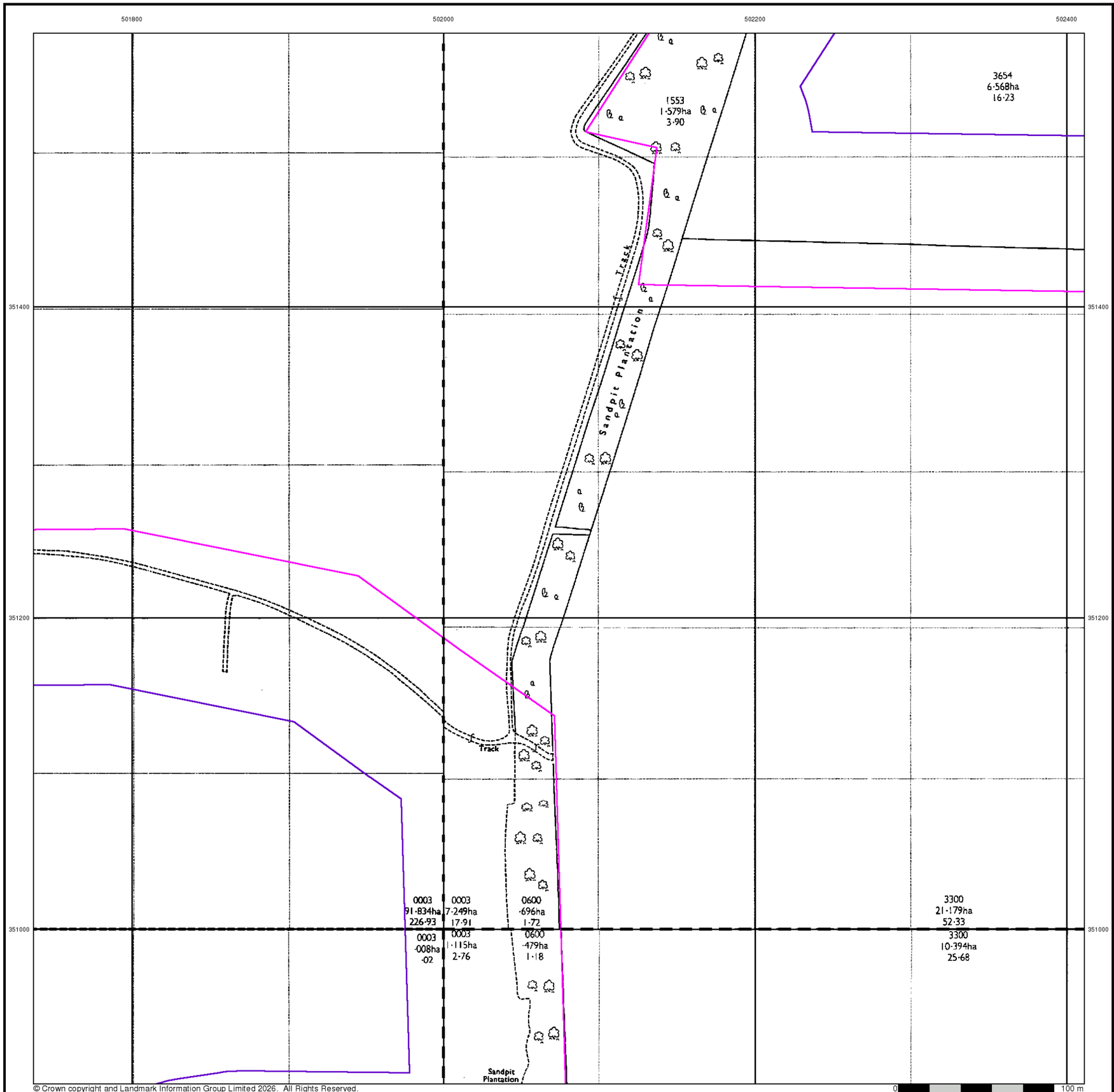
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	100

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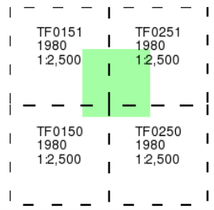
Ordnance Survey Plan

Published 1980

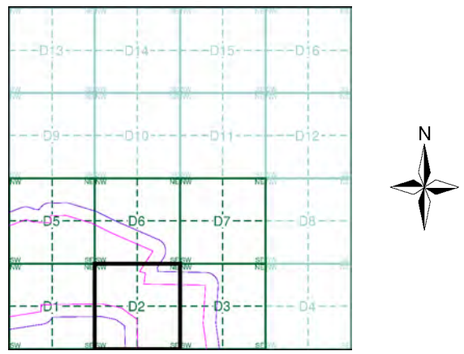
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment D2



Order Details

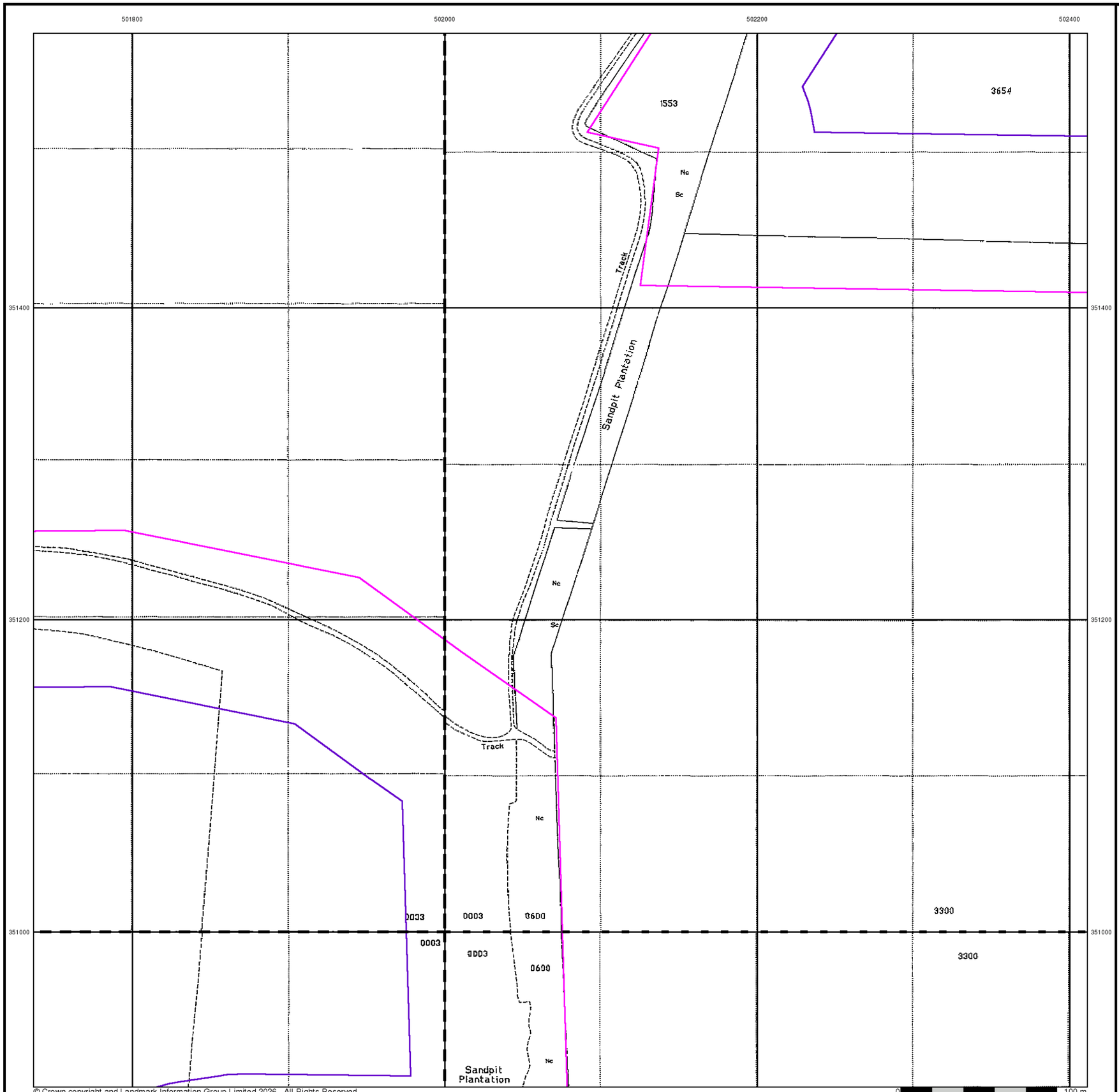
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Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
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0 100 m

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Large-Scale National Grid Data

Published 1994

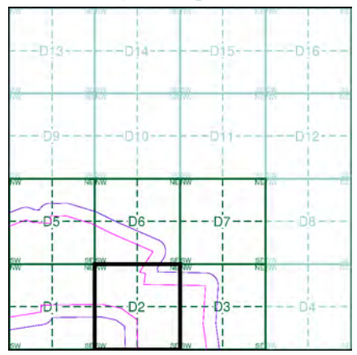
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TF0151 1994 1:2,500	TF0251 1994 1:2,500
TF0150 1994 1:2,500	TF0250 1994 1:2,500

Historical Map - Segment D2



Order Details

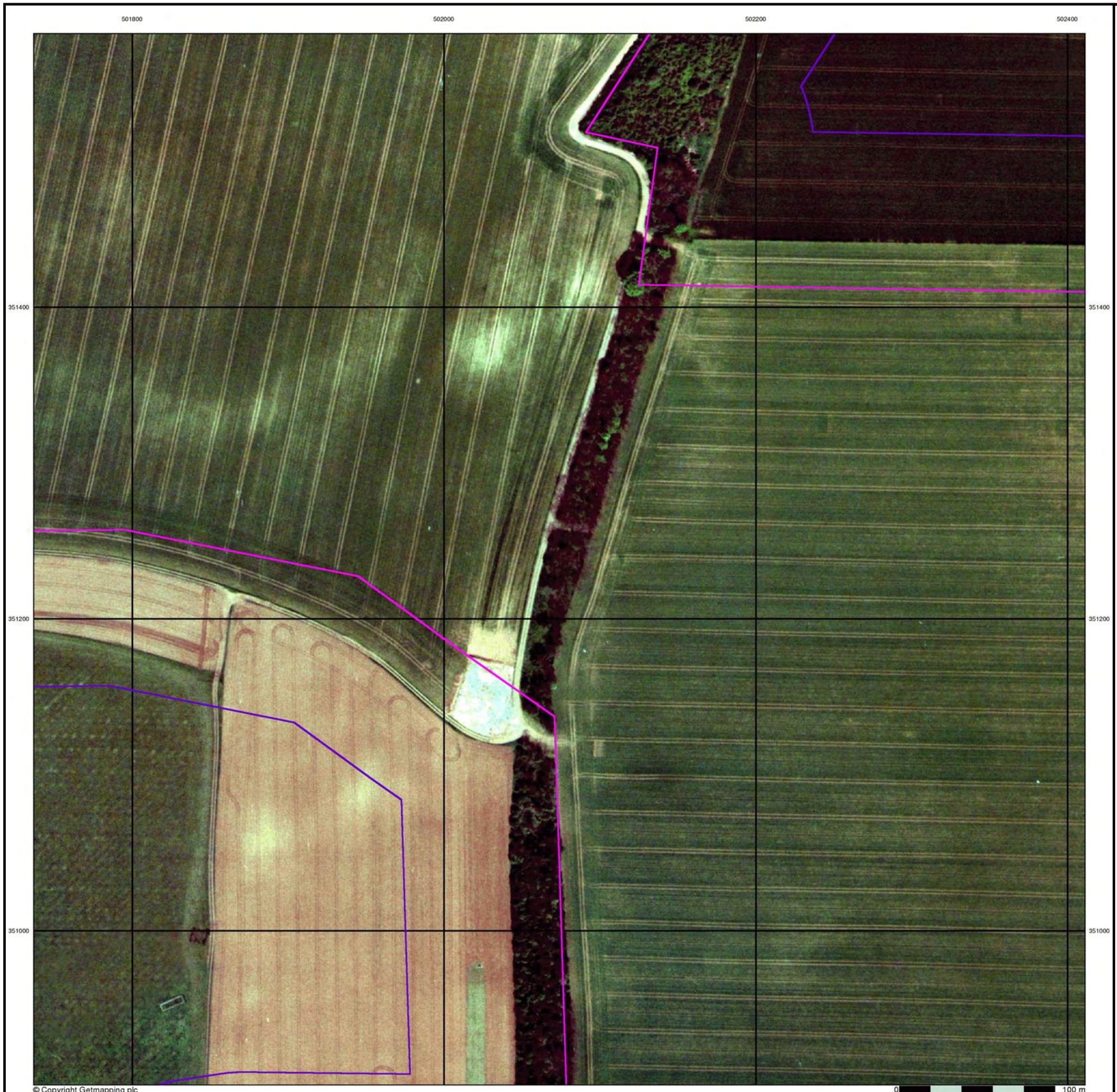
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
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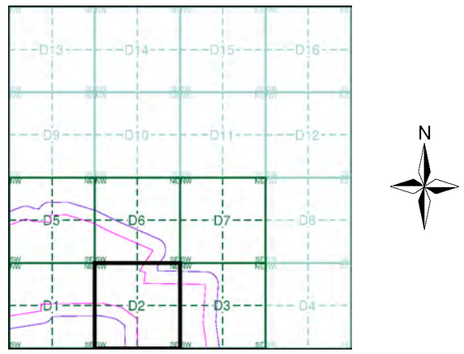
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Historical Aerial Photography

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 D2



Order Details

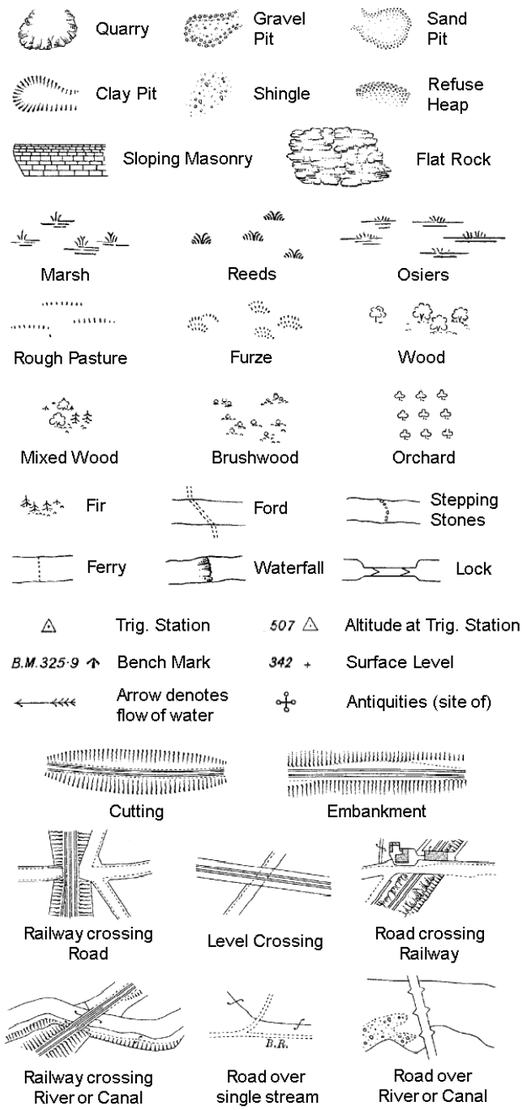
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

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Historical Mapping Legends

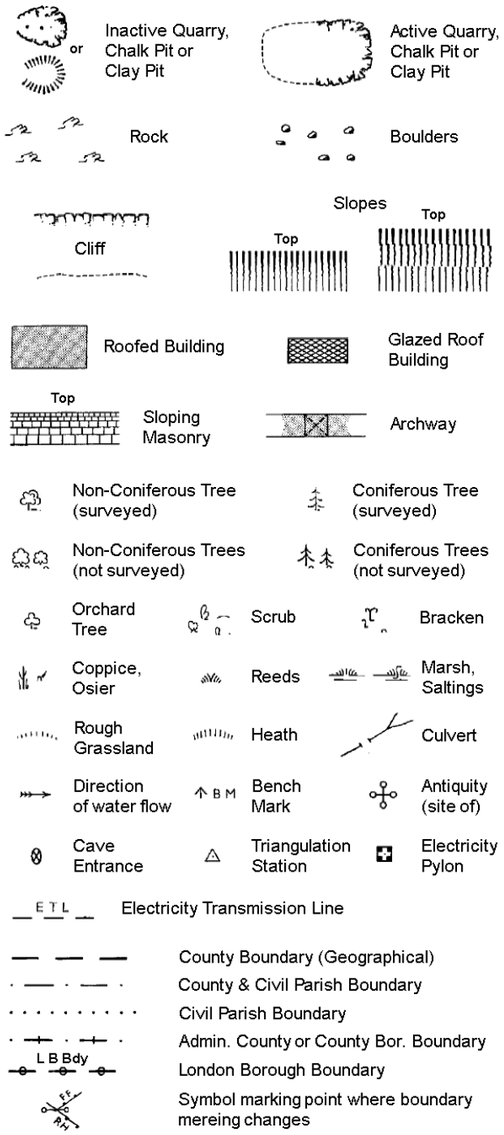
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

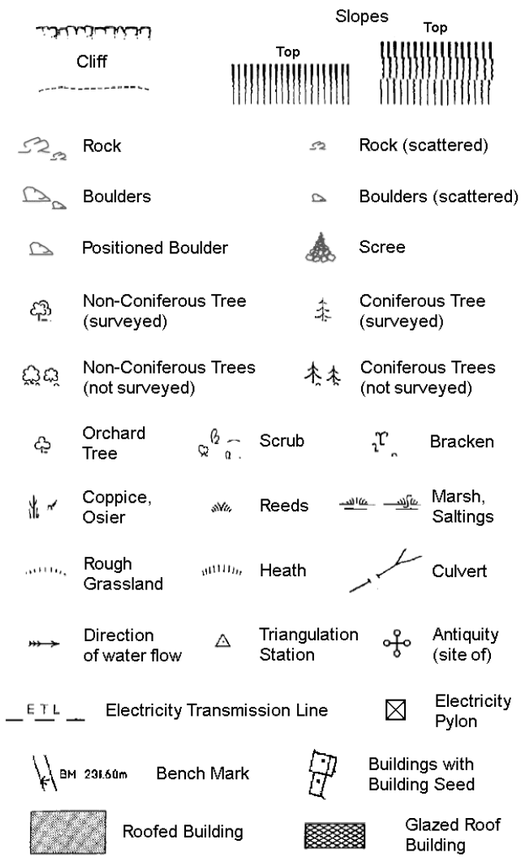
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

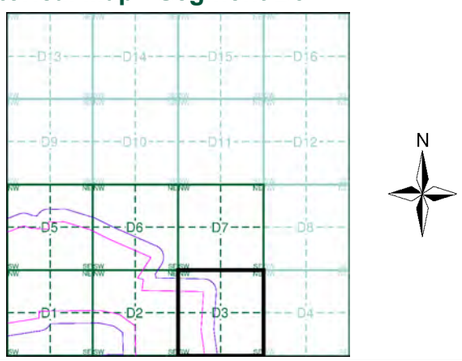
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1888	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1980	4
Additional SIMs	1:2,500	1980	5
Additional SIMs	1:2,500	1983	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	1999	8

Historical Map - Segment D3



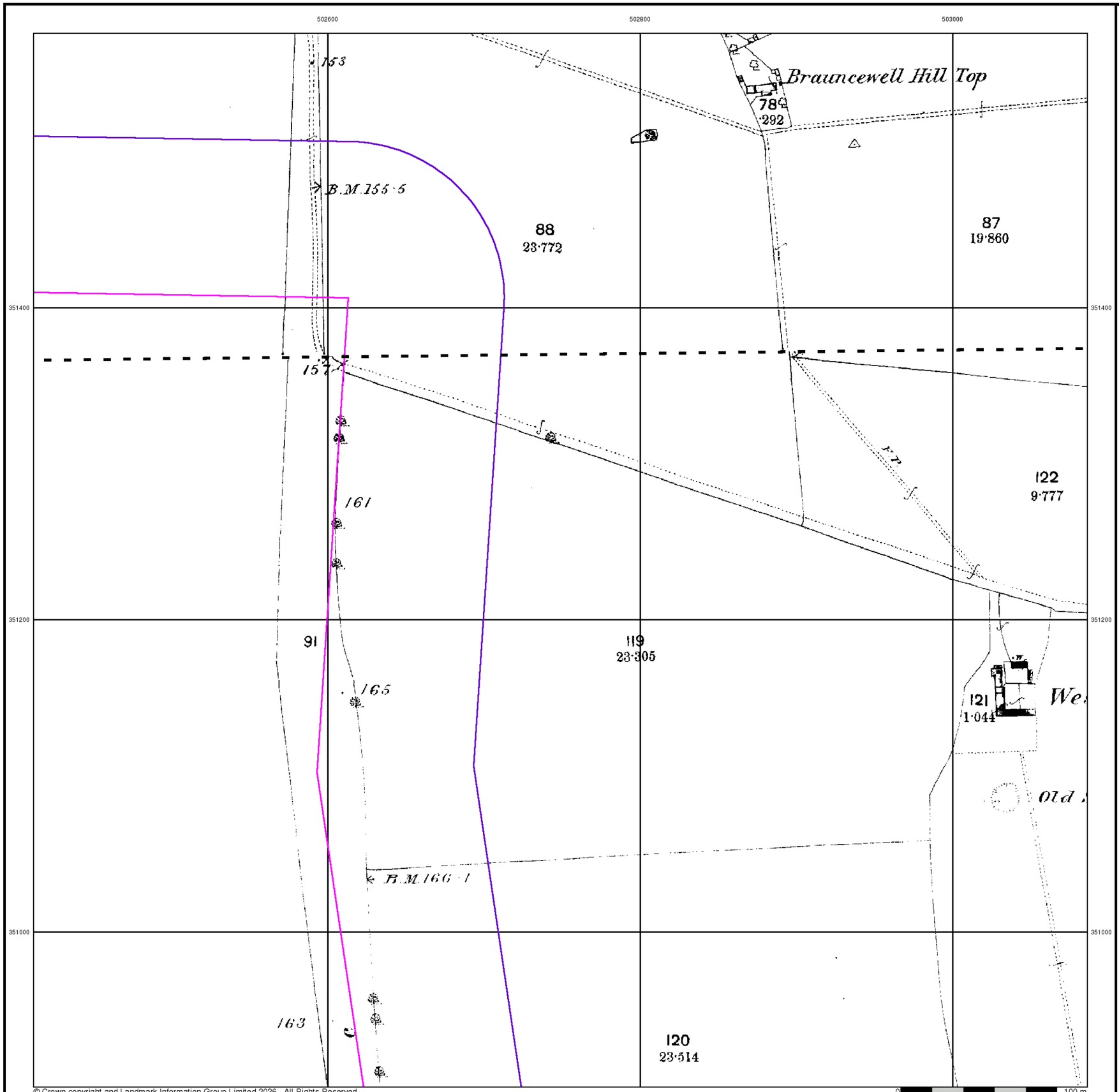
Order Details

Order Number: 406246422_1_1
Customer Ref: 323777
National Grid Reference: 502190, 351790
Slice: D
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

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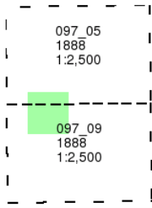
Lincolnshire

Published 1888

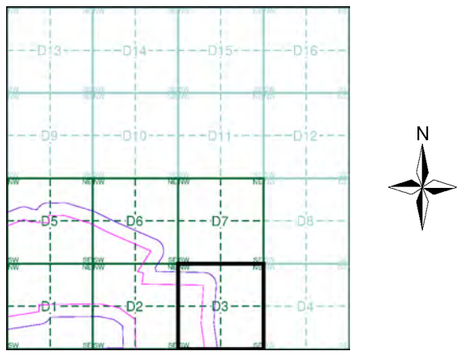
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D3



Order Details

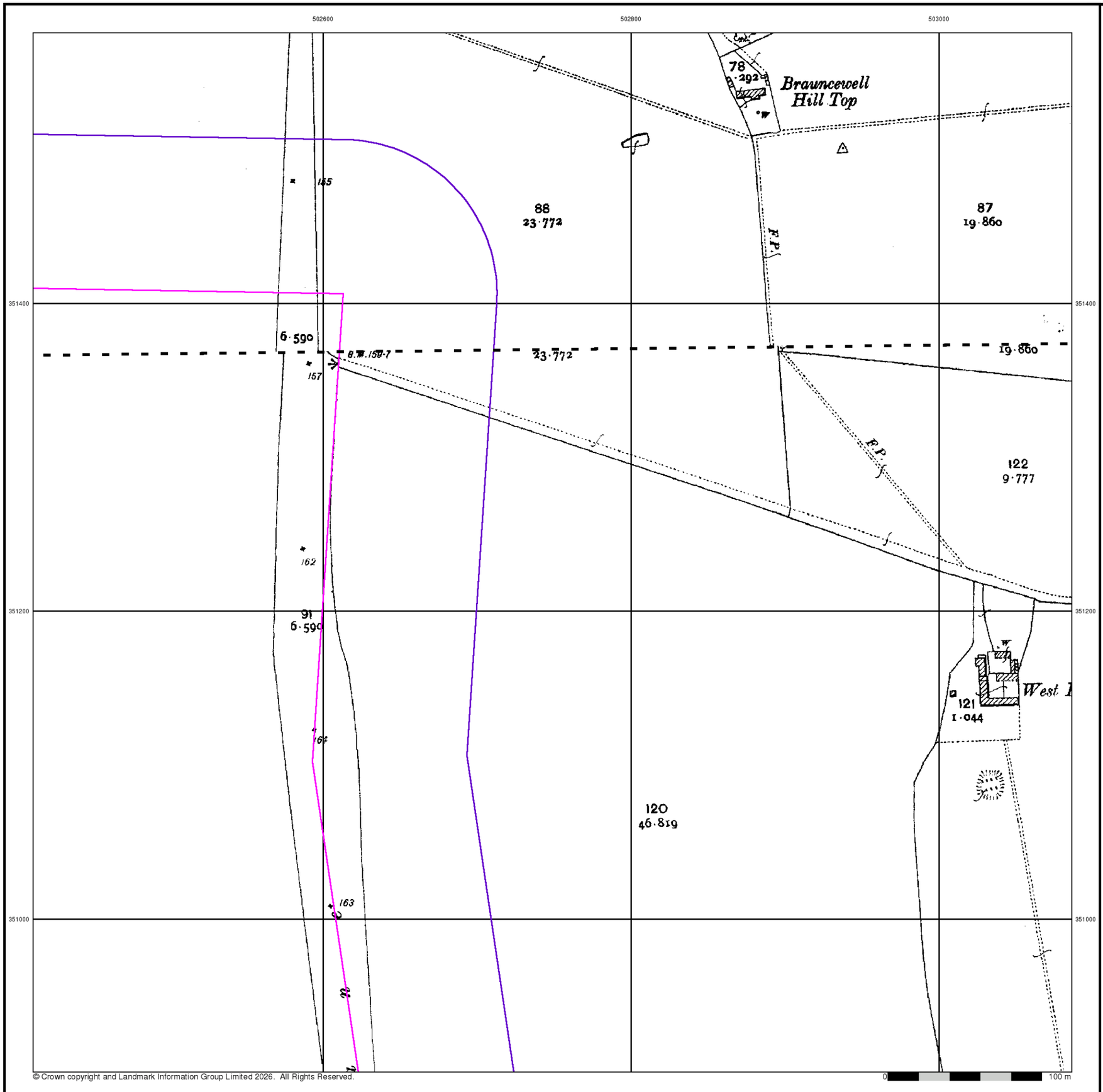
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Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

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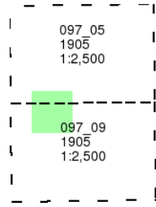
Lincolnshire

Published 1905

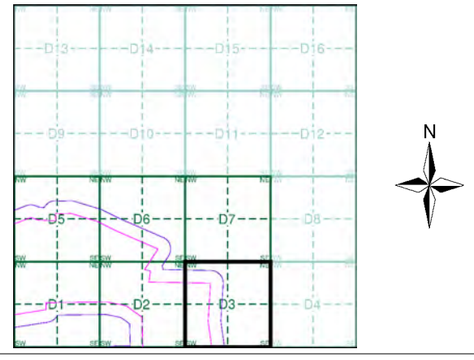
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment D3



Order Details

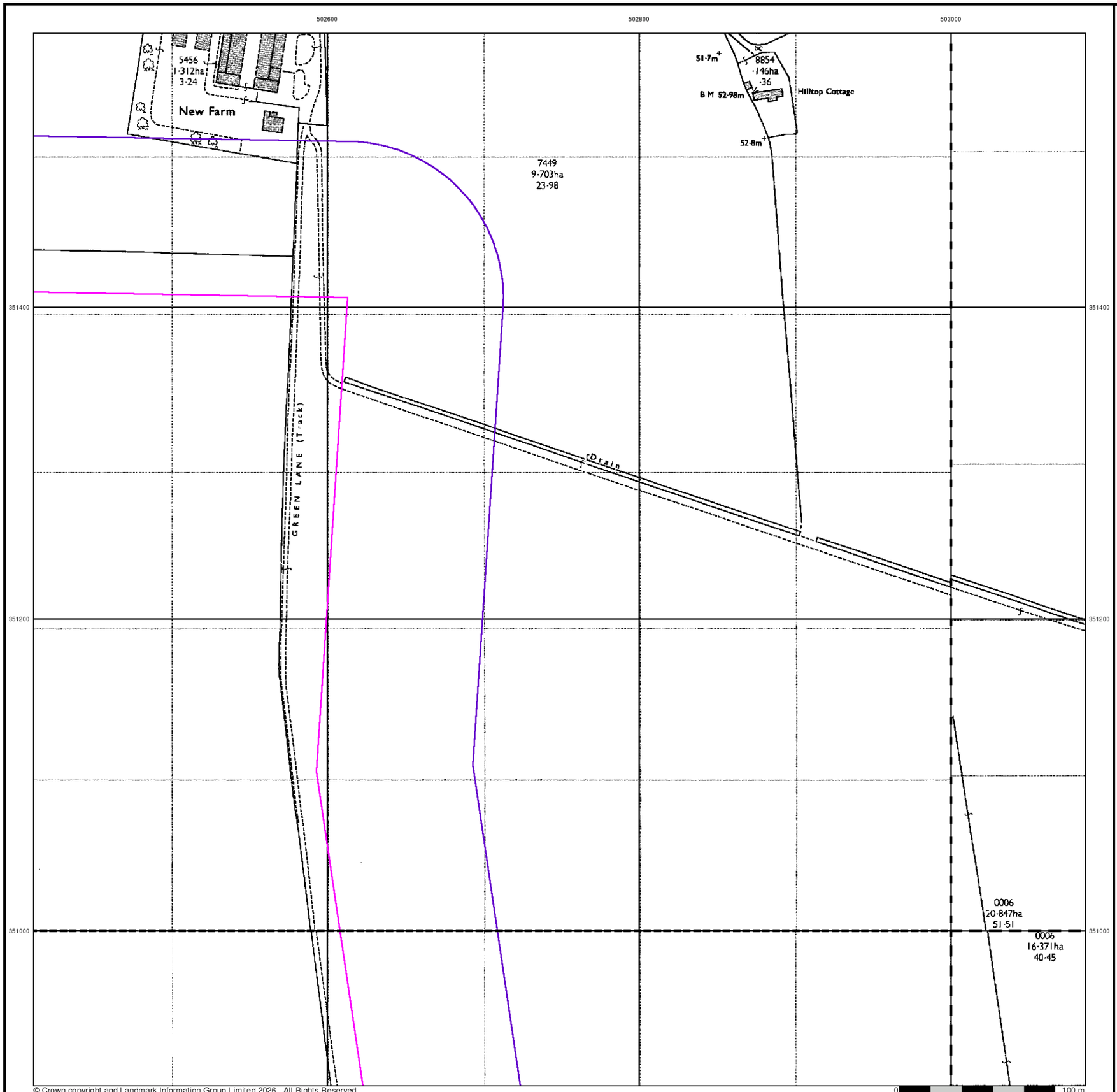
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Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	100

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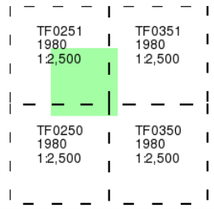
Ordnance Survey Plan

Published 1980

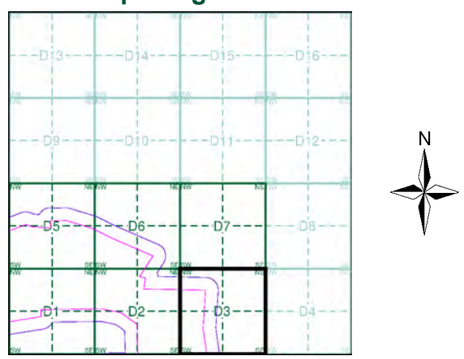
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment D3



Order Details

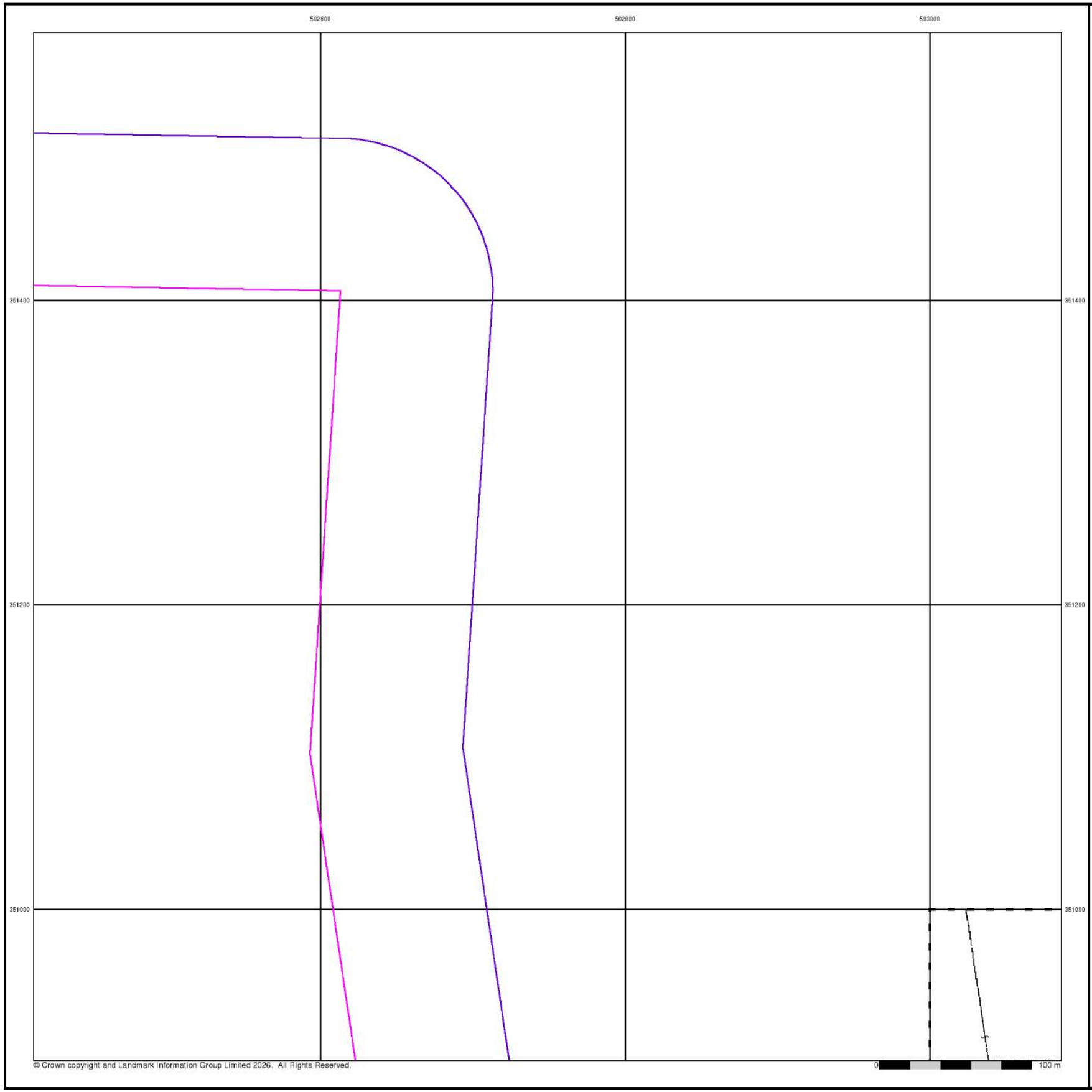
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Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	100

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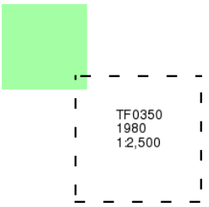
Additional SIMs

Published 1980

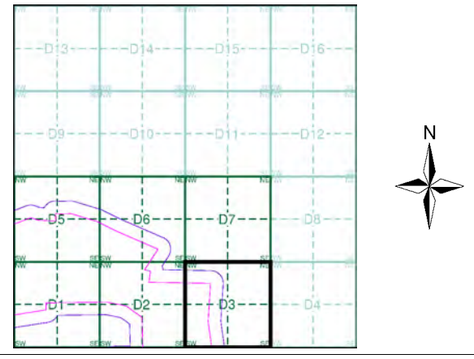
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D3



Order Details

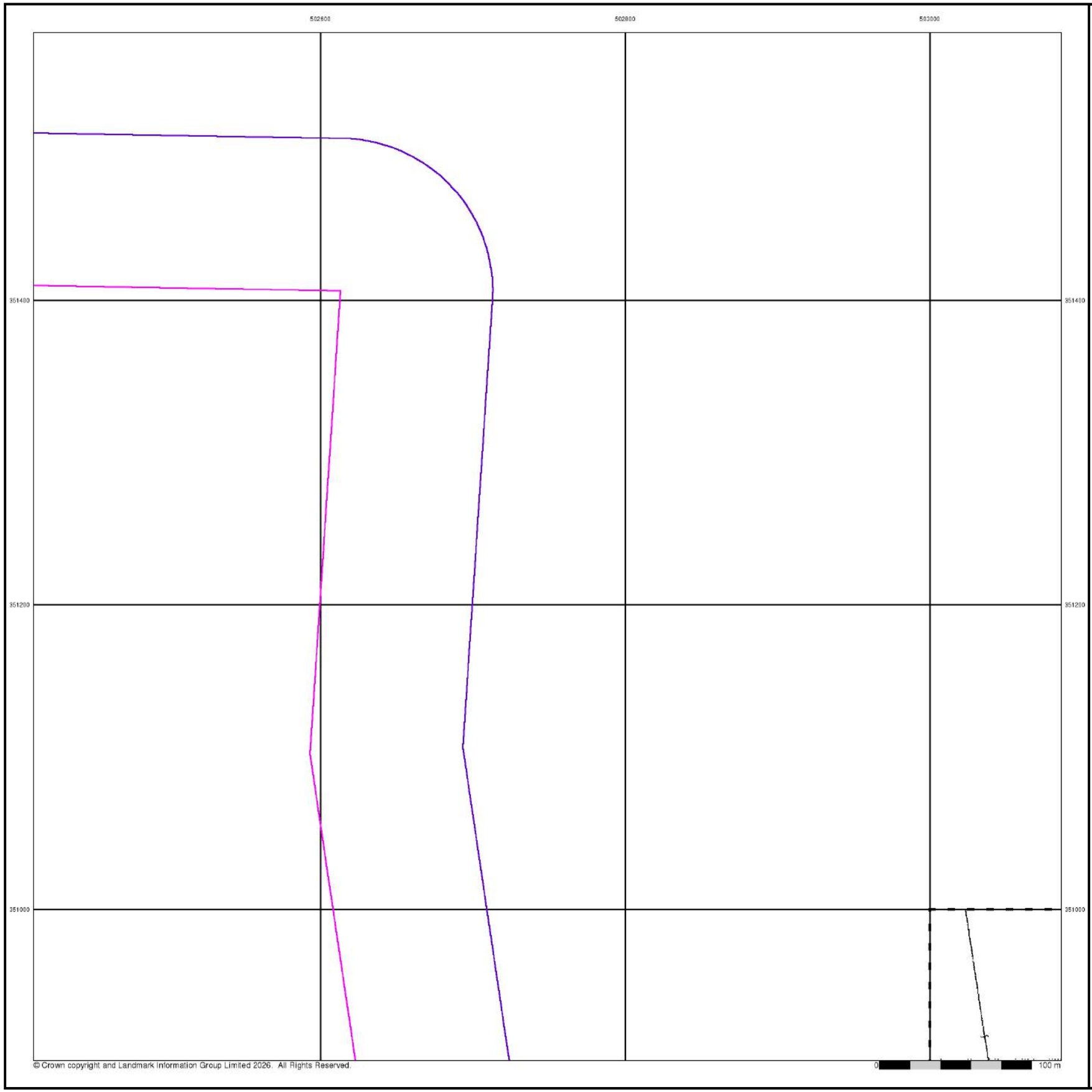
Order Number:	406246422_1_1
Customer Ref:	323777
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Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	100

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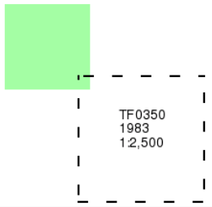
Additional SIMs

Published 1983

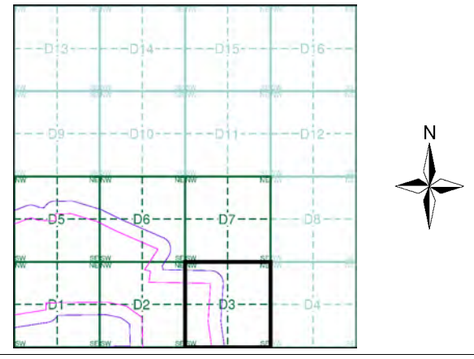
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment D3



Order Details

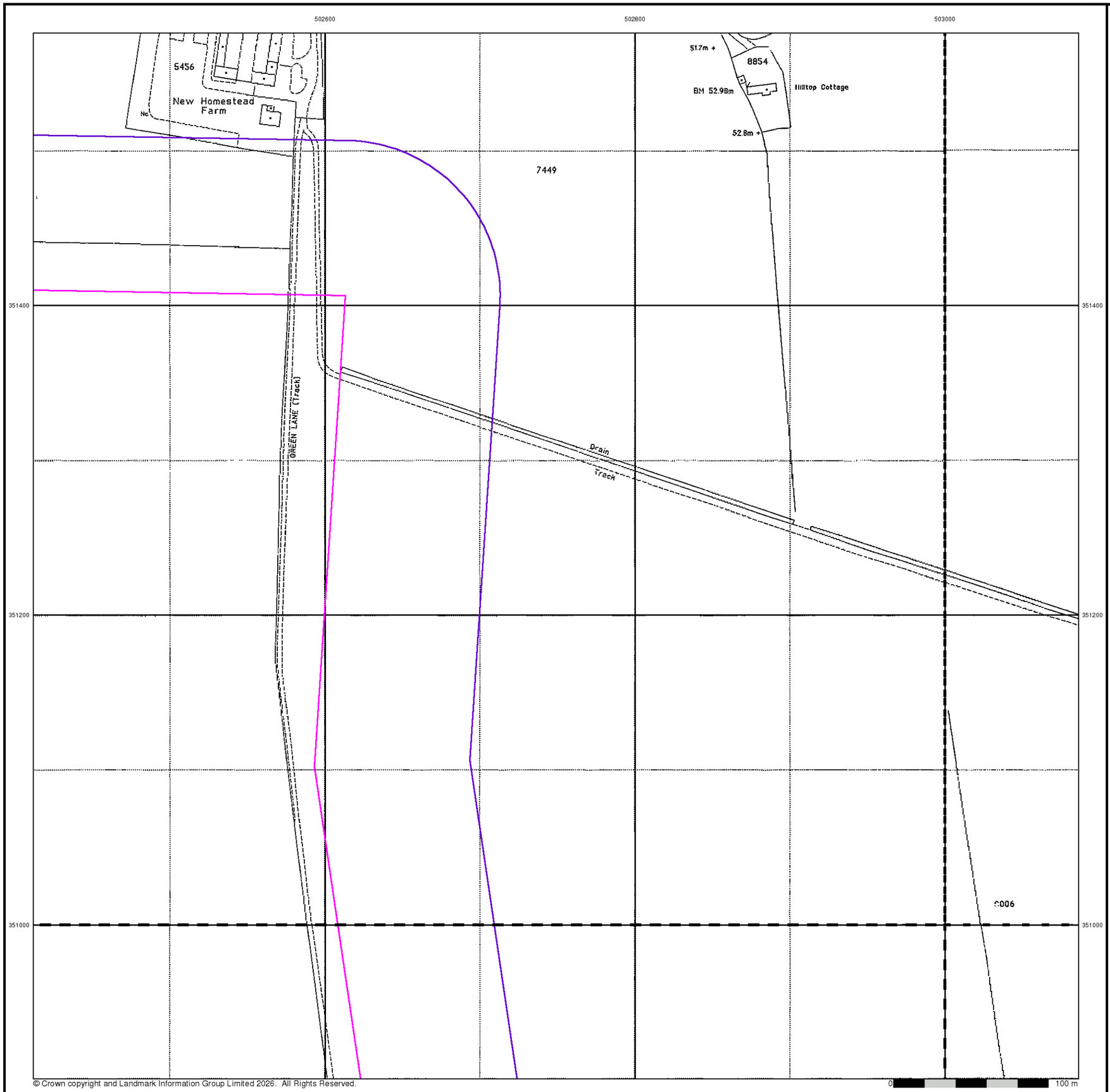
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	100

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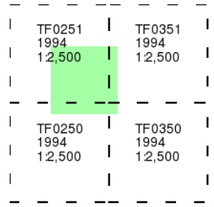
Large-Scale National Grid Data

Published 1994

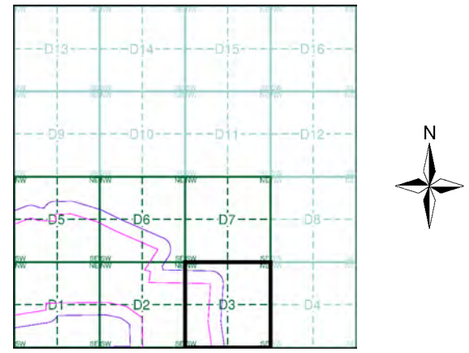
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D3



Order Details

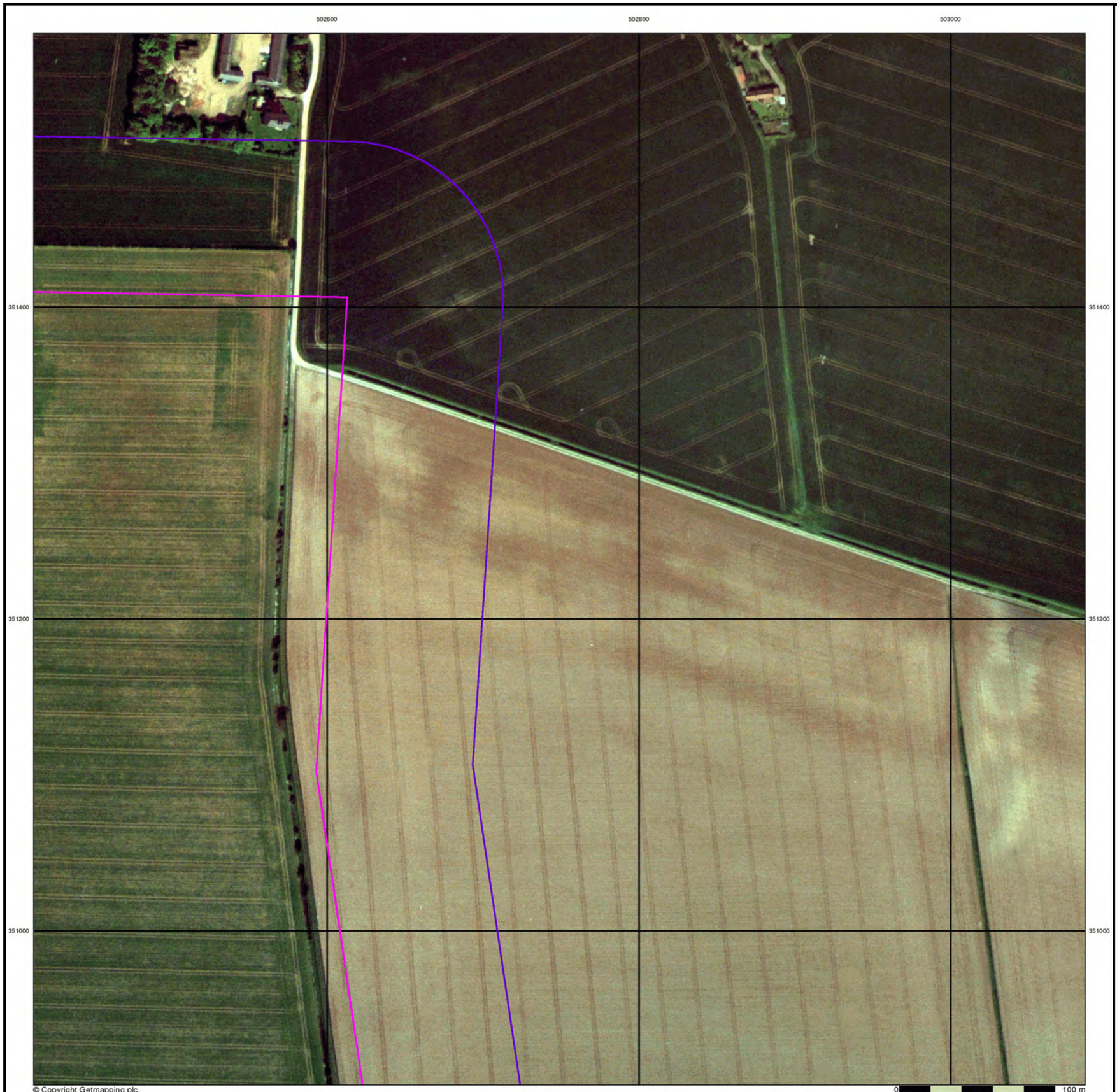
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Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

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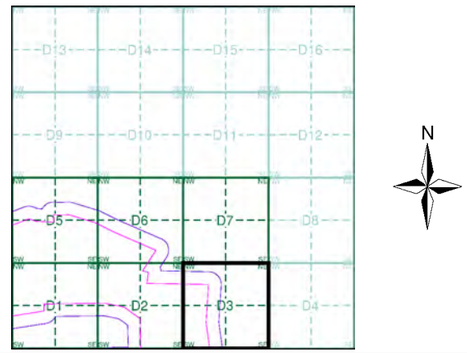
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Historical Aerial Photography

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 D3



Order Details

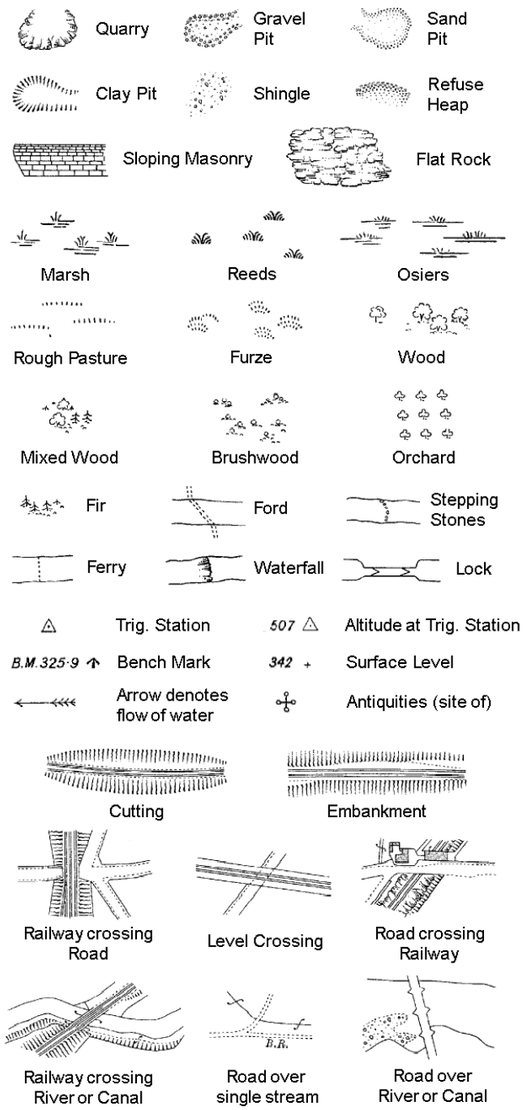
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Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

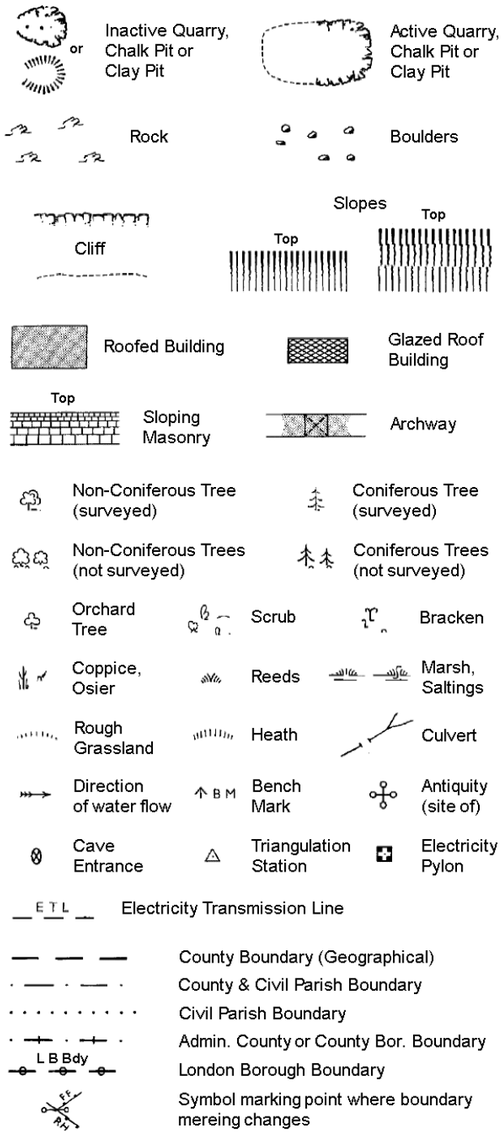
Administrative County & Civil Parish Boundary

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	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

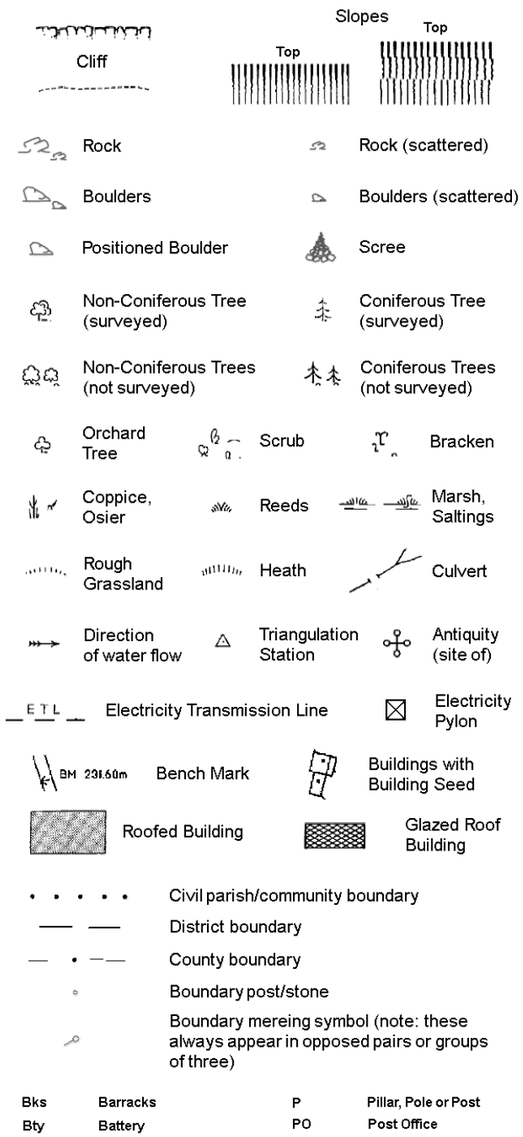
Admin. County or County Bor. Boundary

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

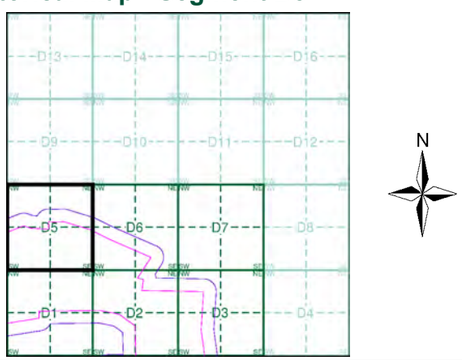
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1887	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1980	4
Additional SIMs	1:2,500	1980	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

Historical Map - Segment D5



Order Details

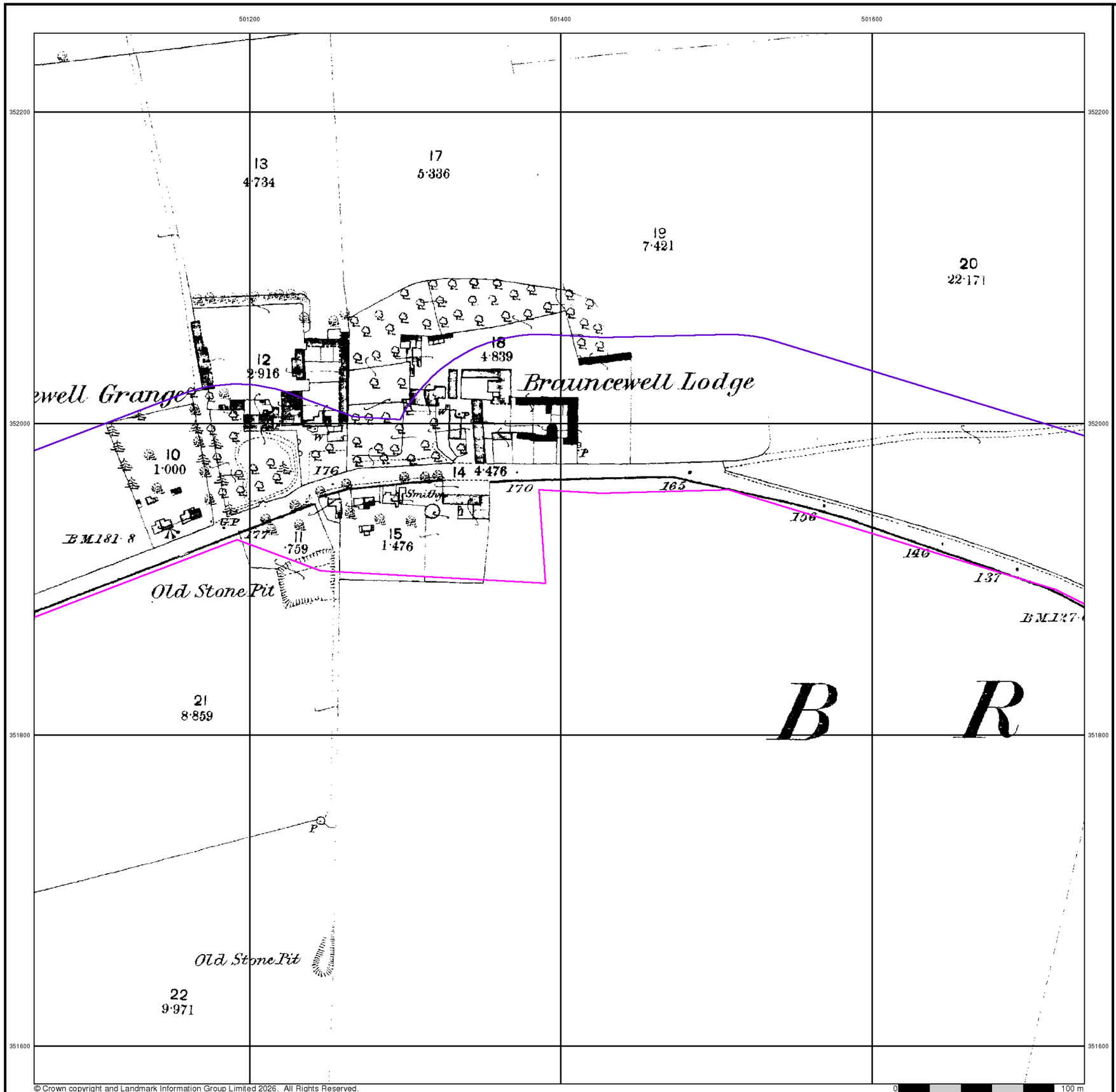
Order Number: 406246422_1_1
Customer Ref: 323777
National Grid Reference: 502190, 351790
Slice: D
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

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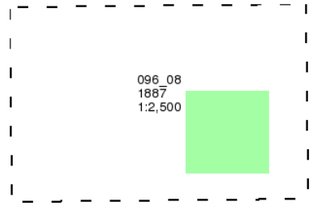
Lincolnshire

Published 1887

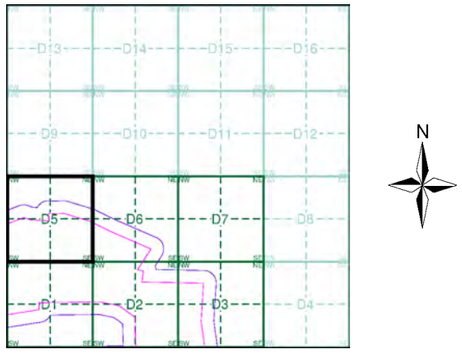
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment D5



Order Details

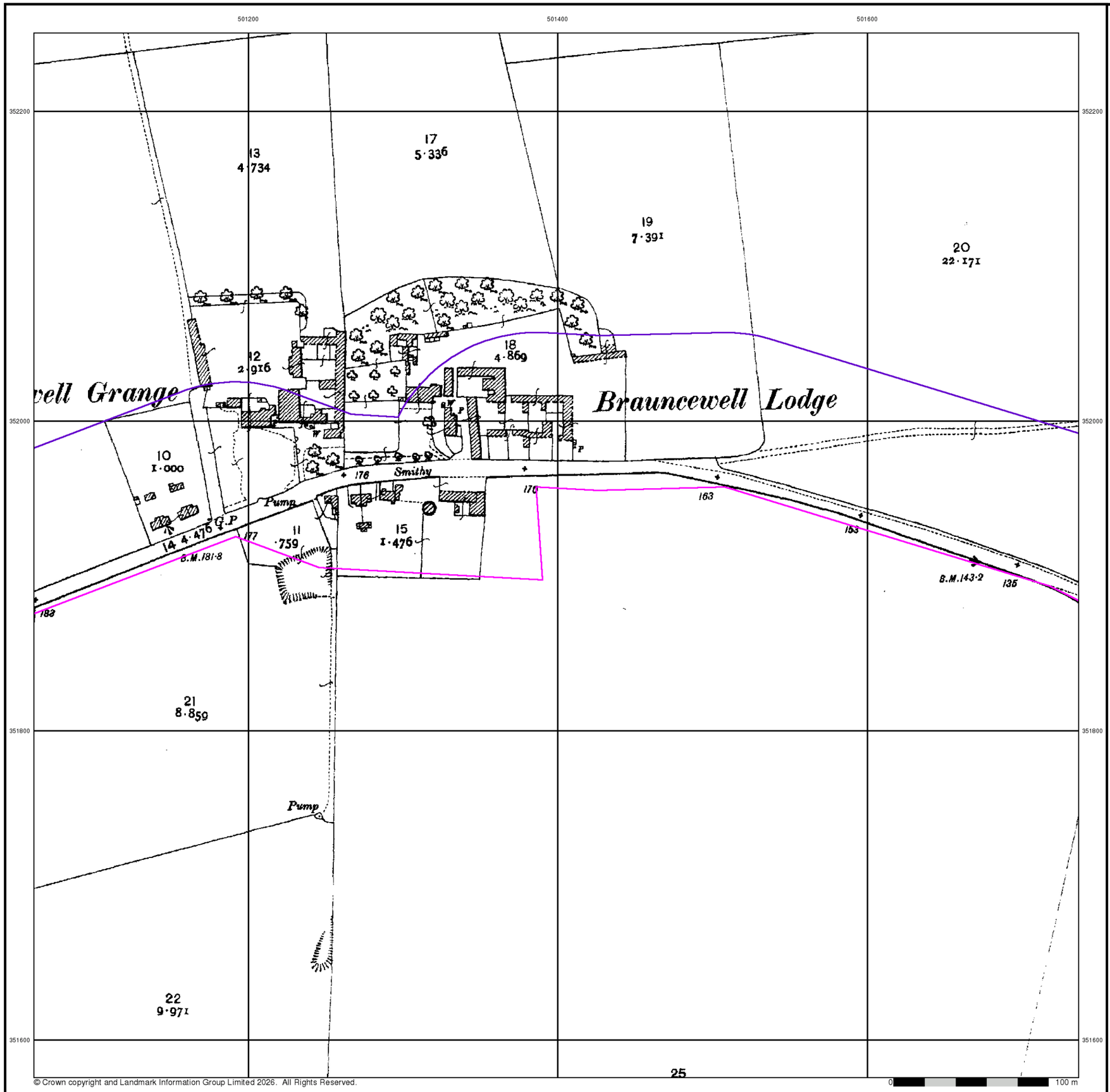
Order Number:	406246422_1_1
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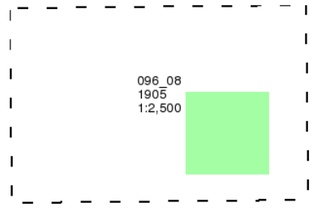
Lincolnshire

Published 1905

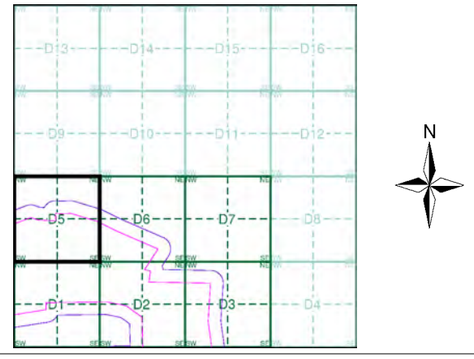
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D5



Order Details

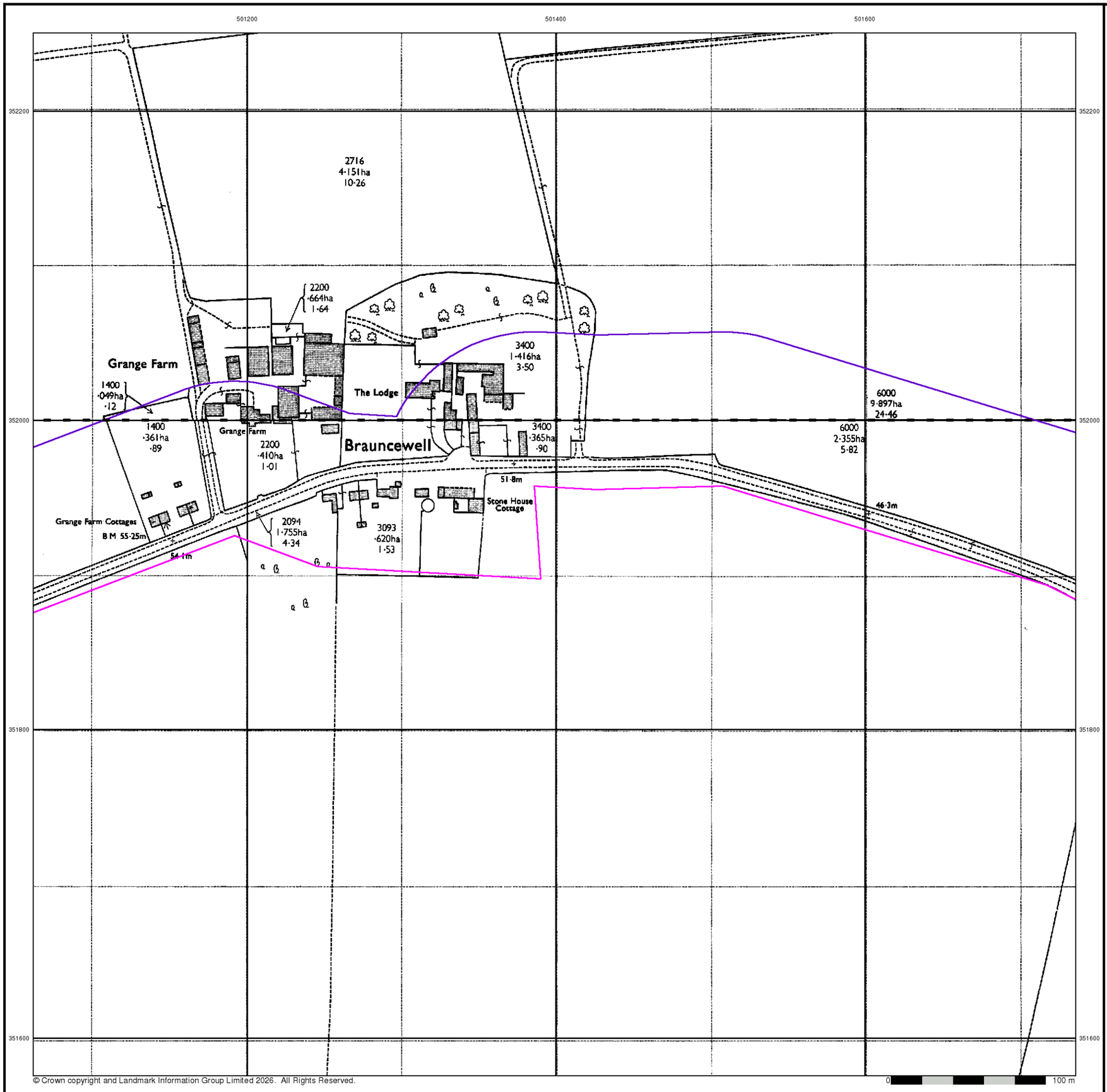
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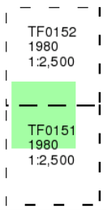
Ordnance Survey Plan

Published 1980

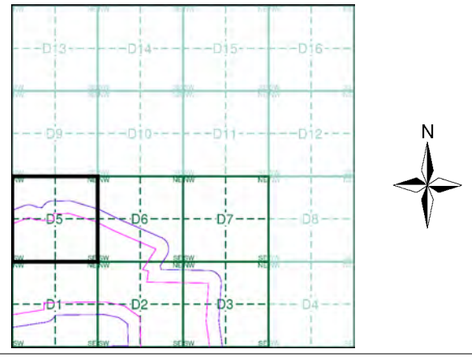
Source map scale - 1:2,500

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.

Map Name(s) and Date(s)



Historical Map - Segment D5



Order Details

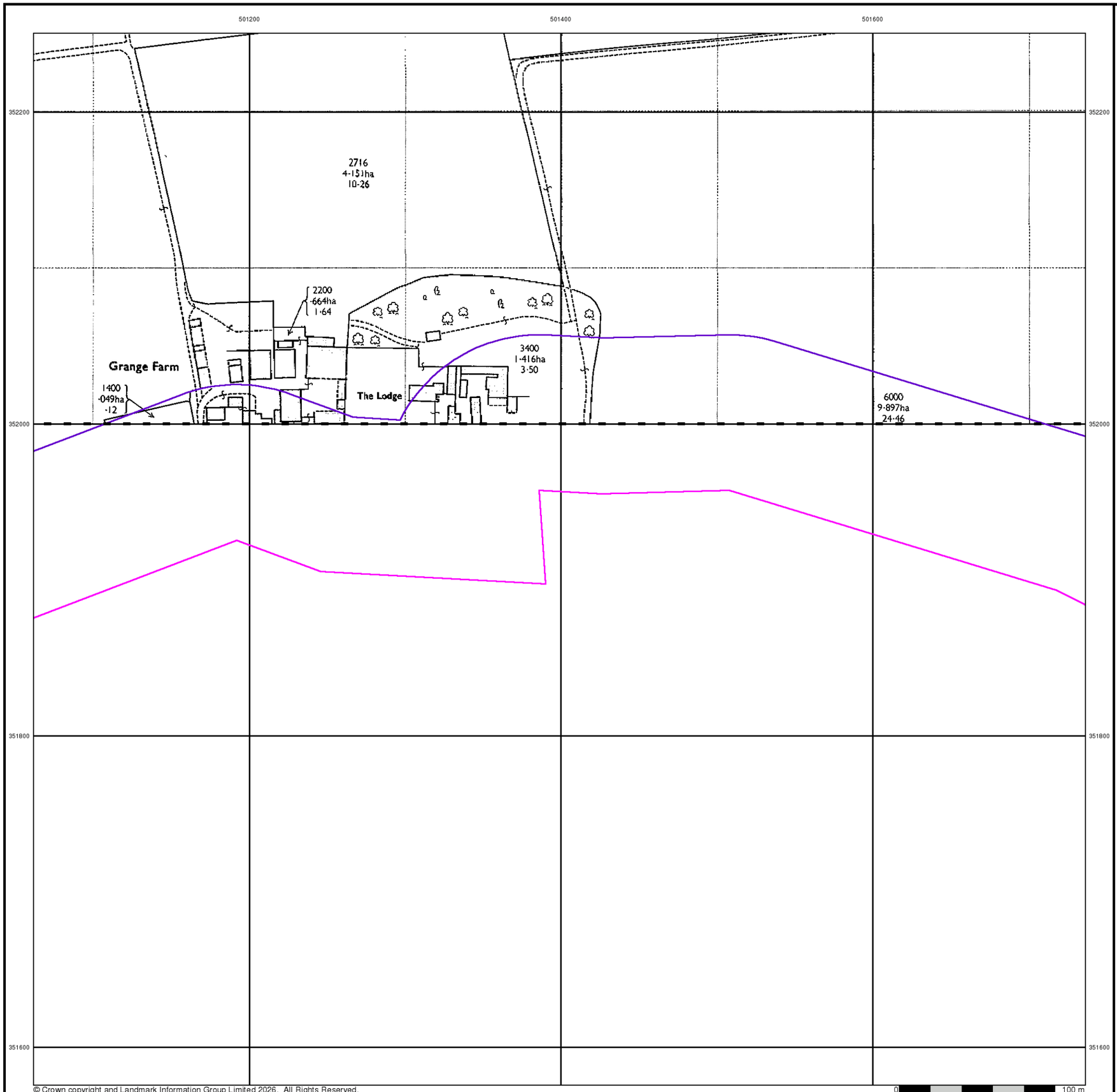
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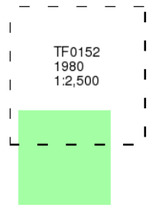
Additional SIMs

Published 1980

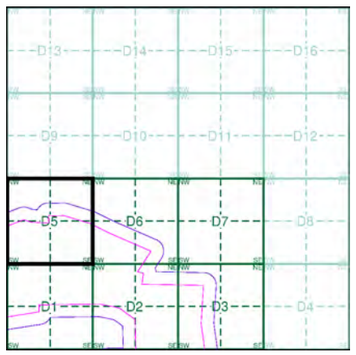
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D5



Order Details

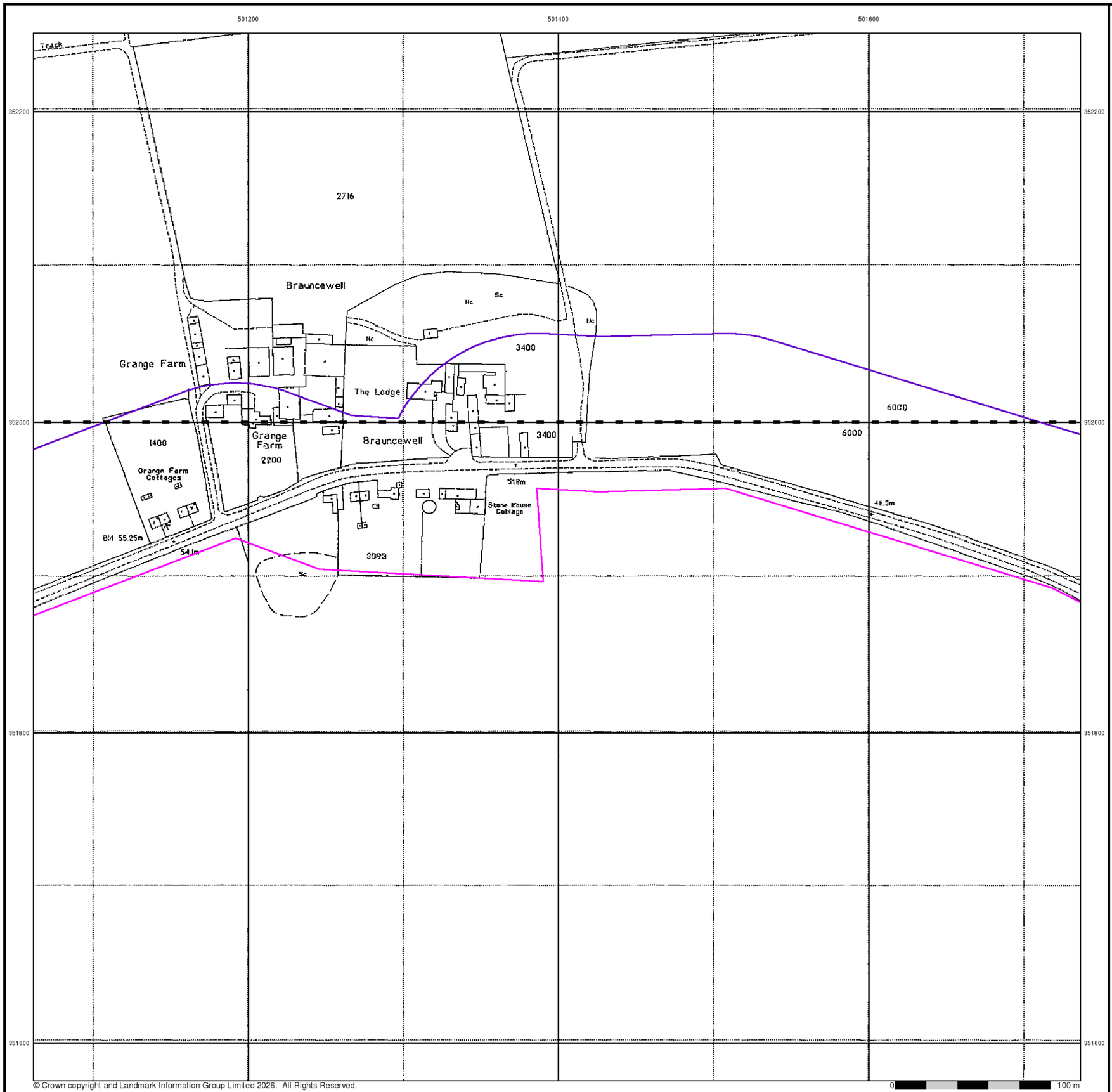
Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
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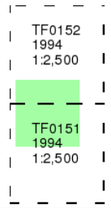
Large-Scale National Grid Data

Published 1994

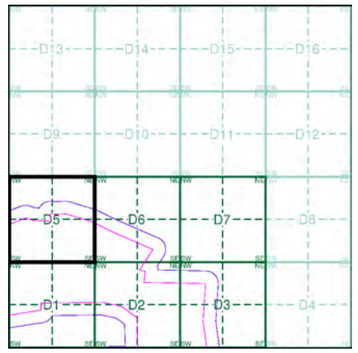
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D5



Order Details

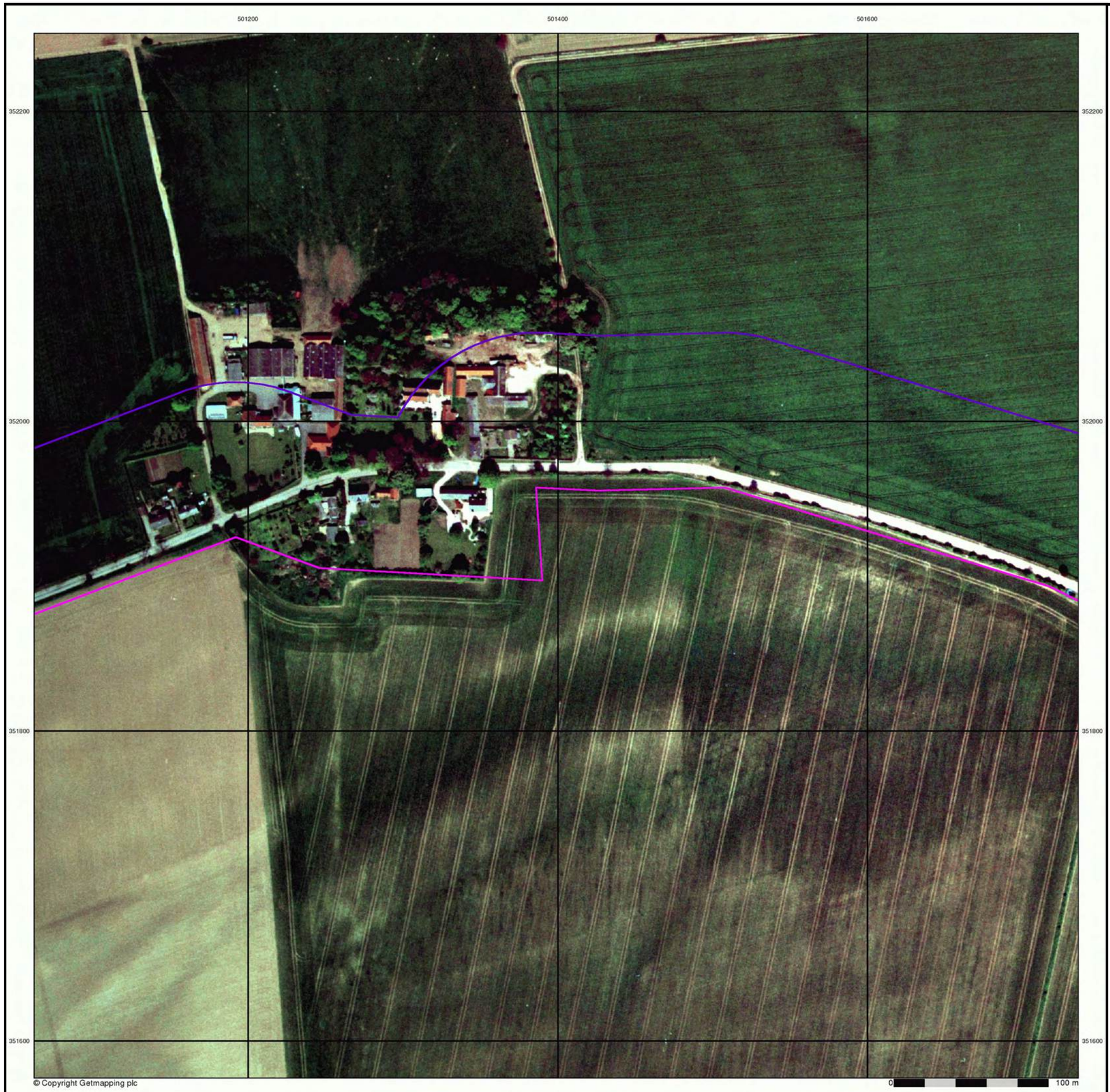
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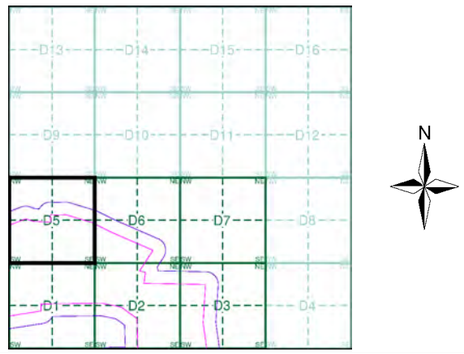
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Historical Aerial Photography

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 D5



Order Details

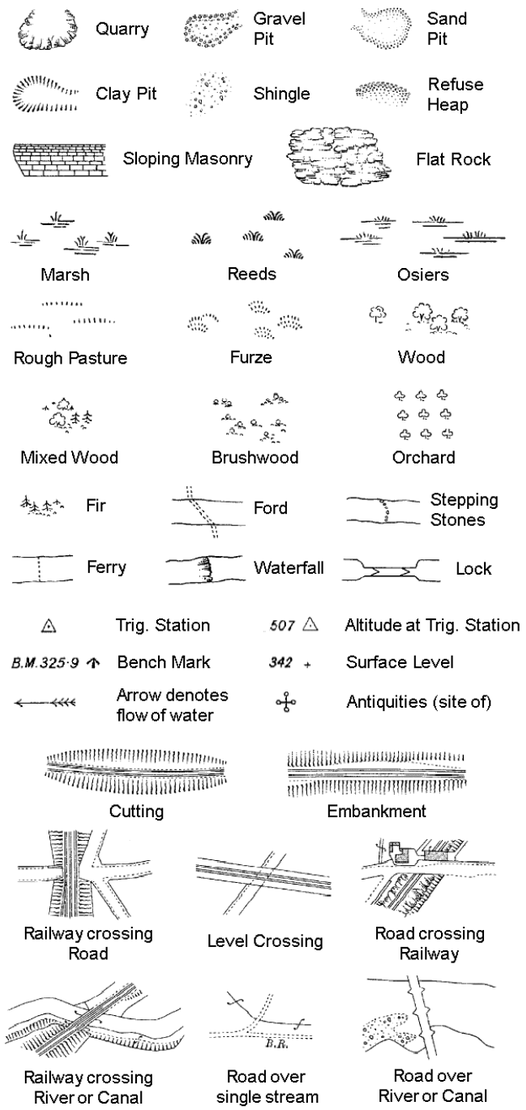
Order Number:	406246422_1_1
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National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

Historical Mapping Legends

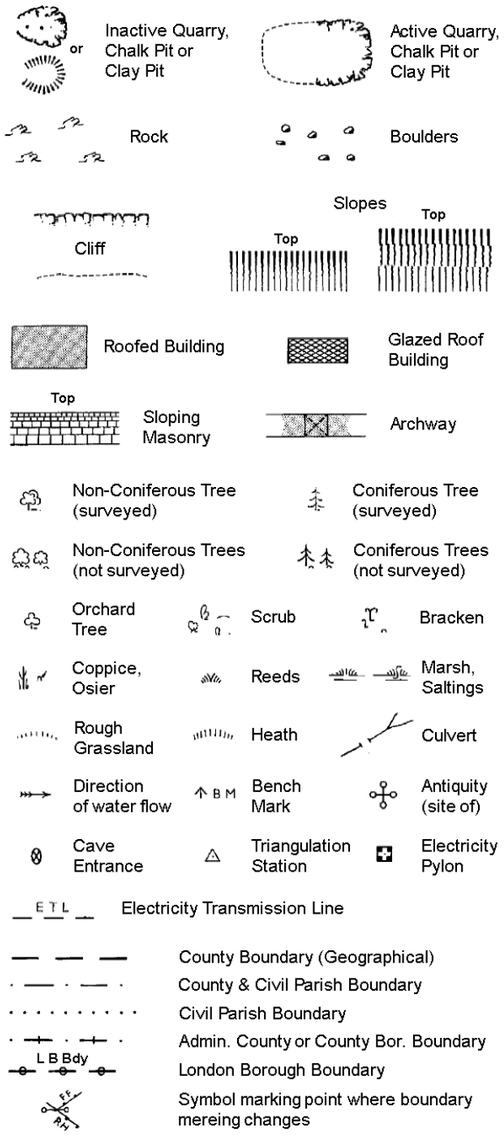
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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)

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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

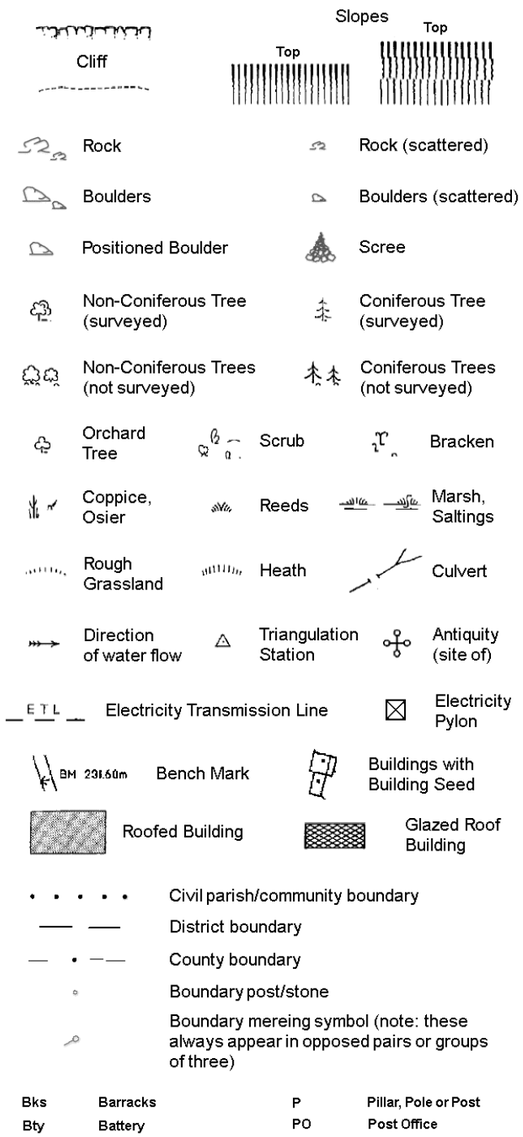
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
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FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
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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)

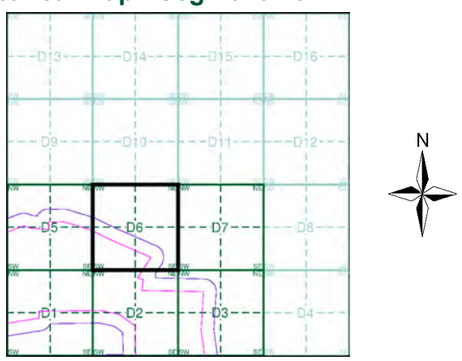
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
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MH	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
Lincolnshire	1:2,500	1887 - 1888	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1979 - 1980	4
Additional SIMs	1:2,500	1980	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

Historical Map - Segment D6



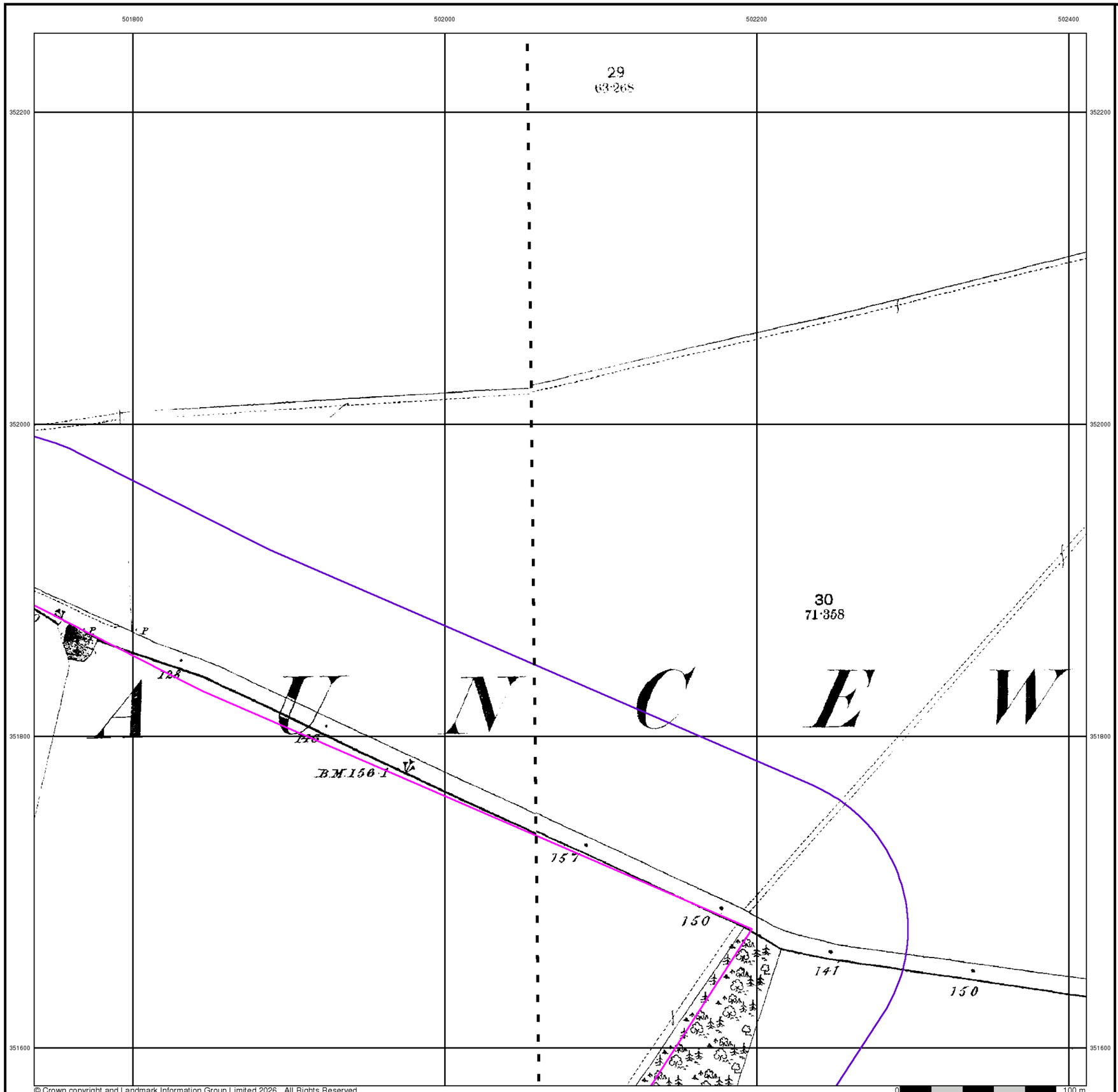
Order Details

Order Number: 406246422_1_1
Customer Ref: 323777
National Grid Reference: 502190, 351790
Slice: D
Site Area (Ha): 259.07
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Site Details

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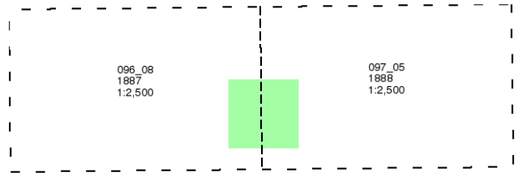
Lincolnshire

Published 1887 - 1888

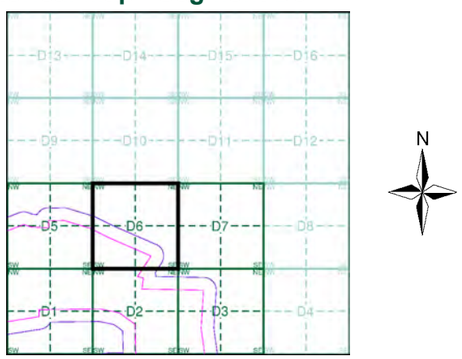
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D6



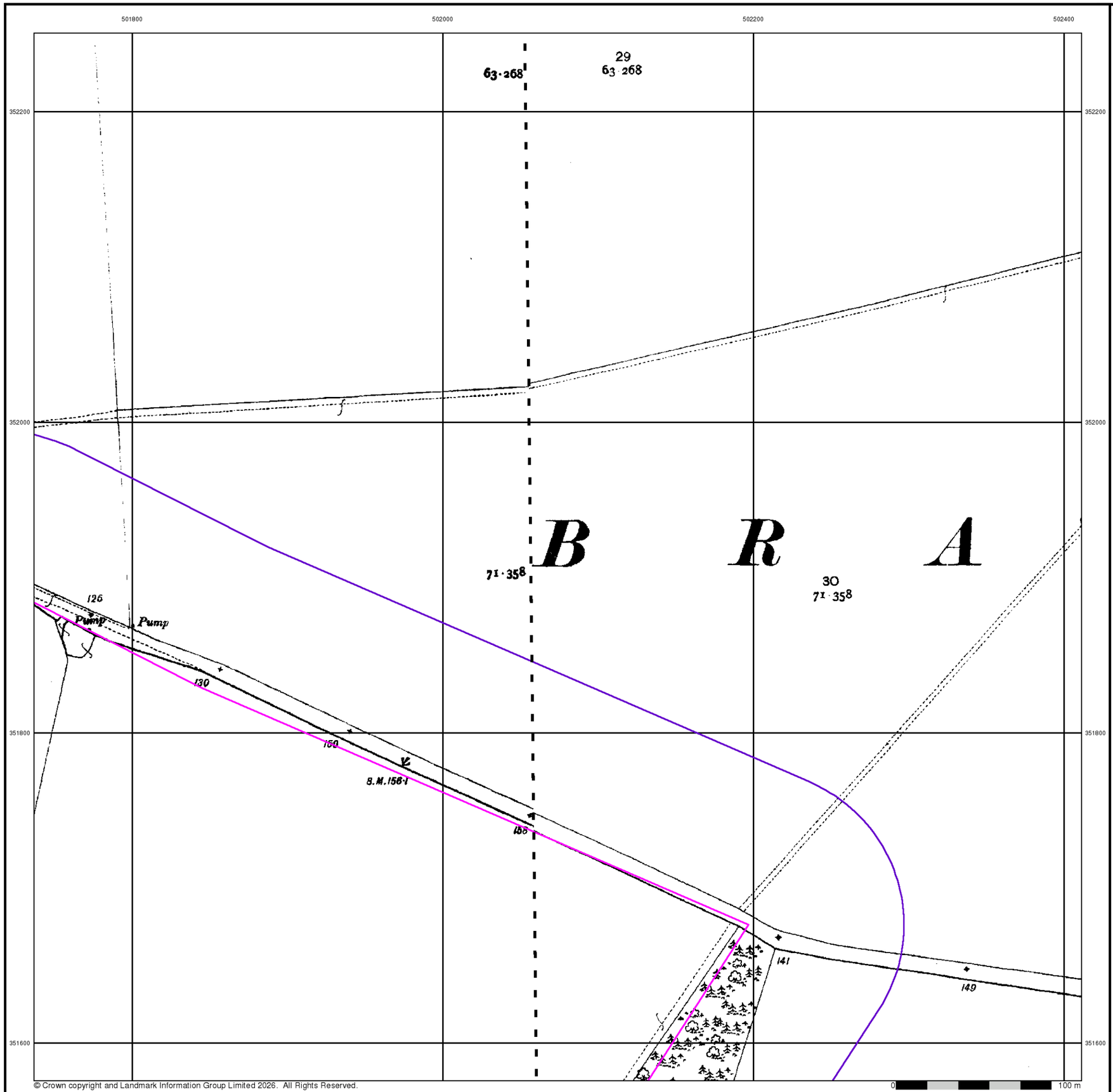
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Customer Ref:	323777
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Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

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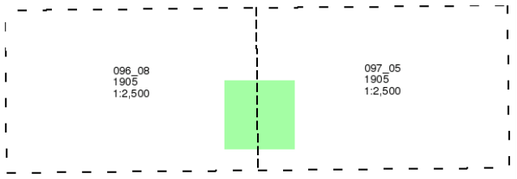
Lincolnshire

Published 1905

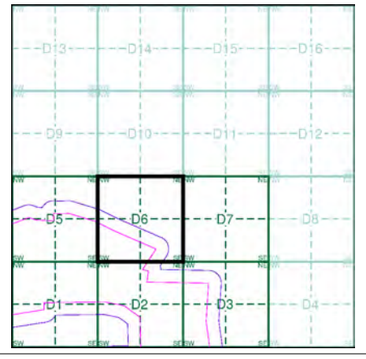
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Map Name(s) and Date(s)



Historical Map - Segment D6



Order Details

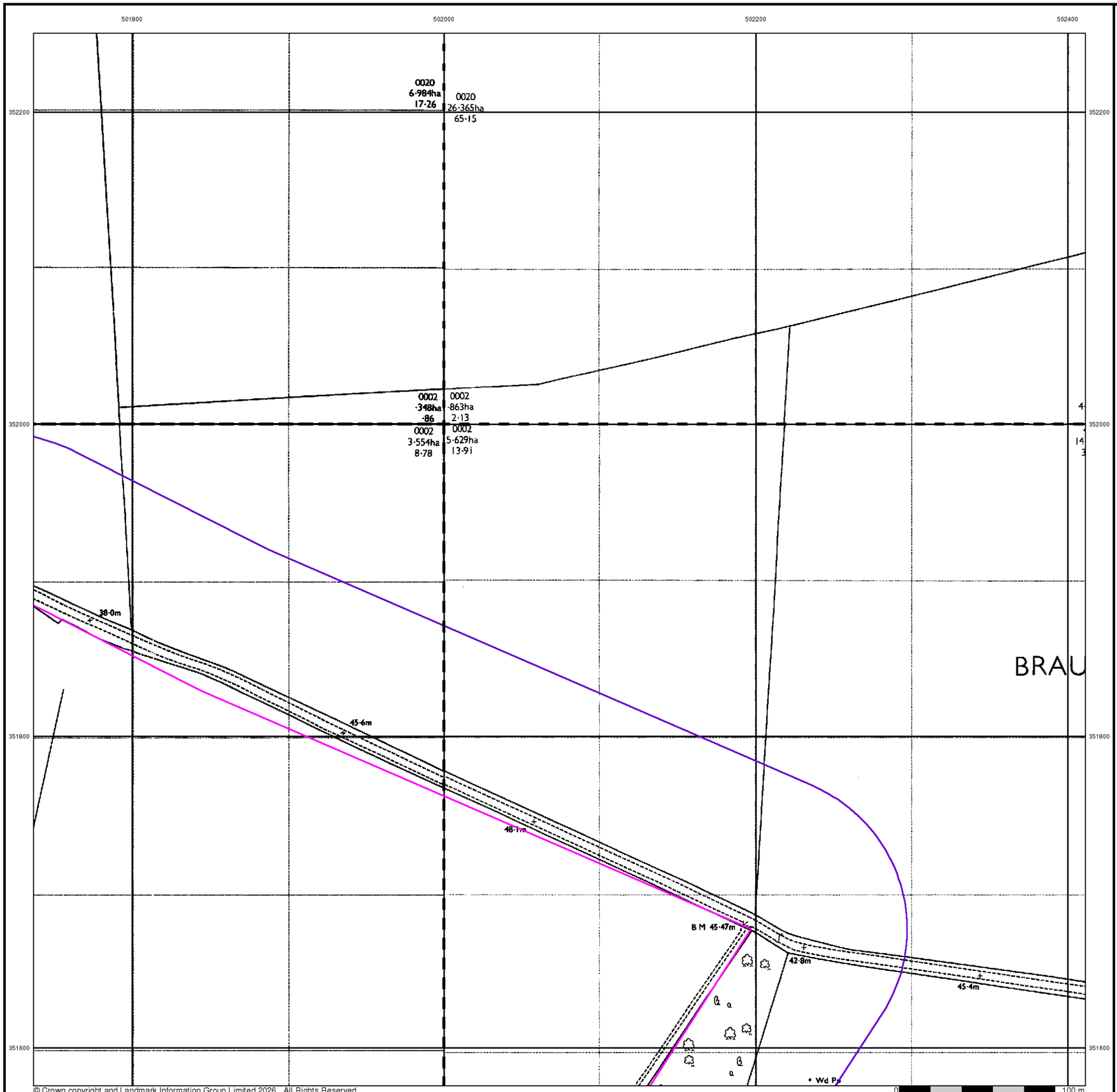
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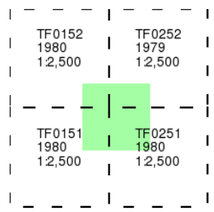
Ordnance Survey Plan

Published 1979 - 1980

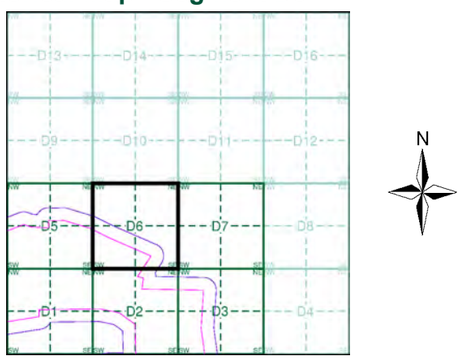
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Map Name(s) and Date(s)



Historical Map - Segment D6



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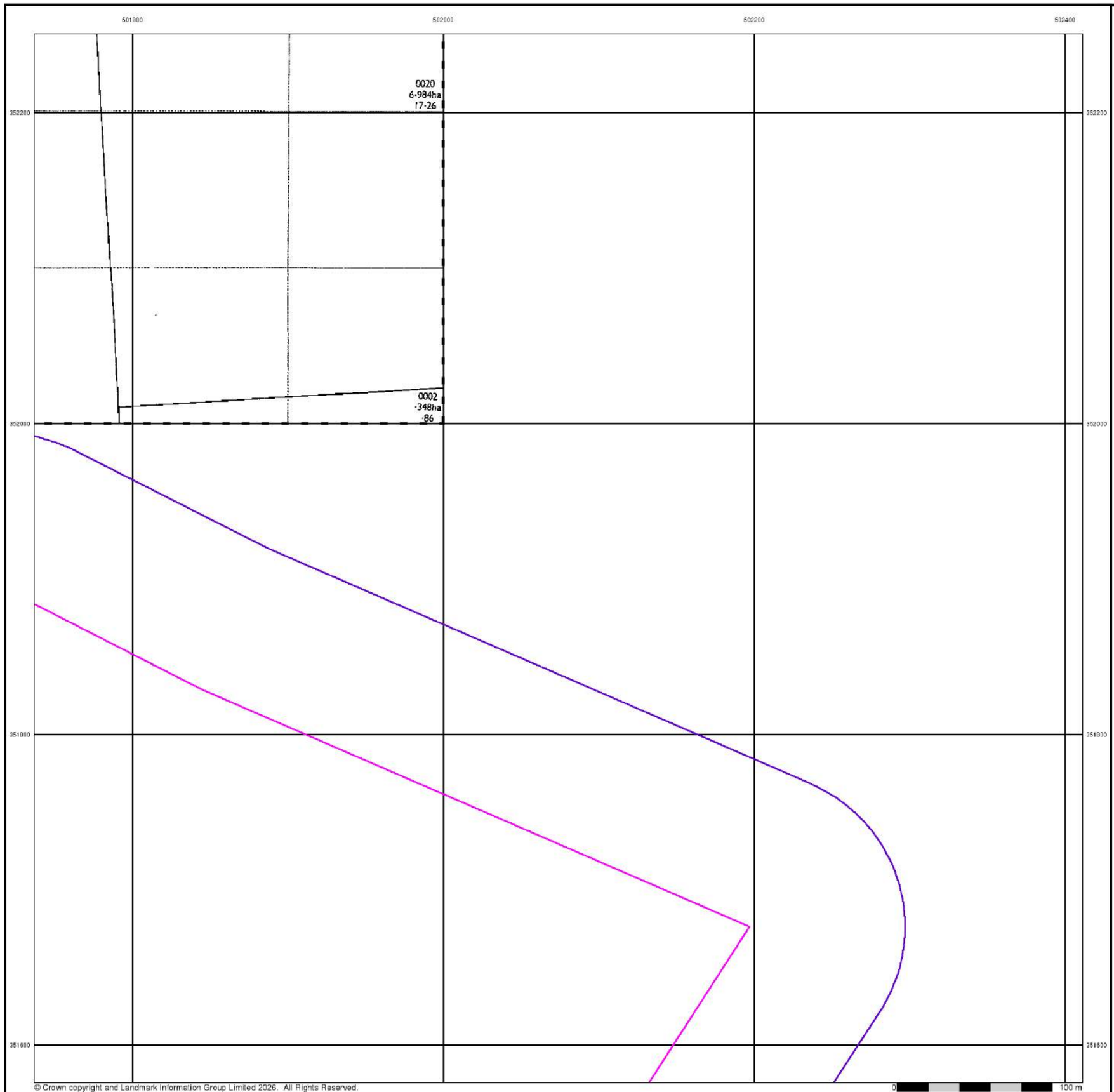
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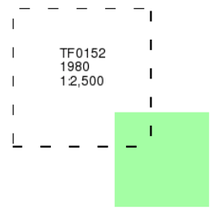
Additional SIMs

Published 1980

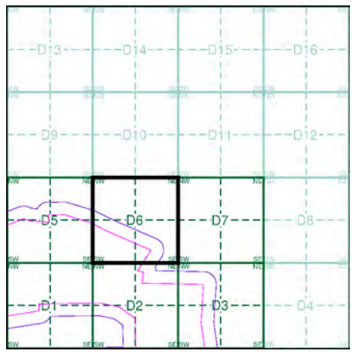
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D6



Order Details

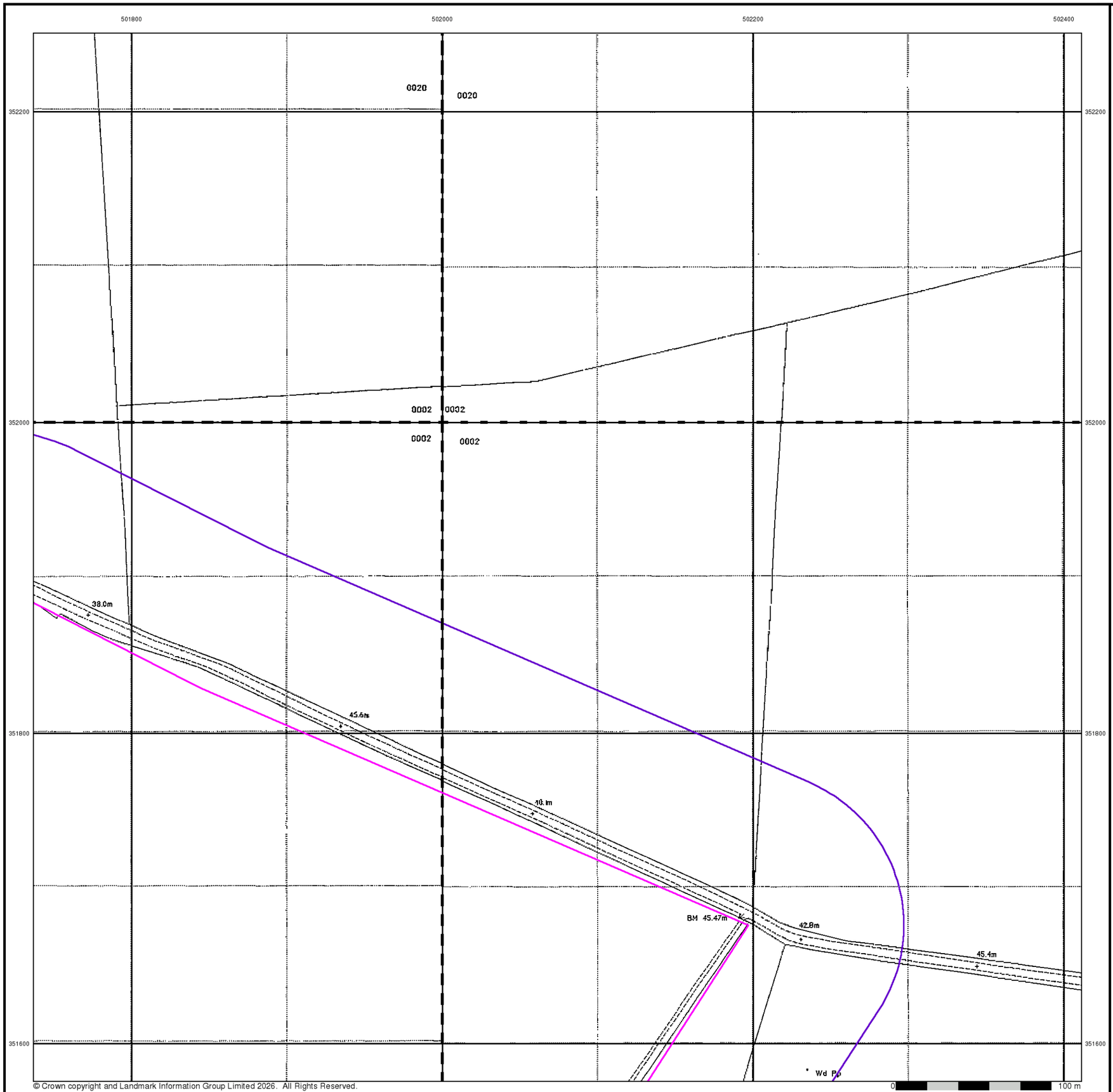
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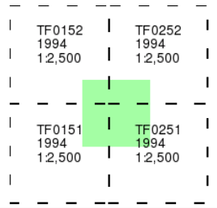
Large-Scale National Grid Data

Published 1994

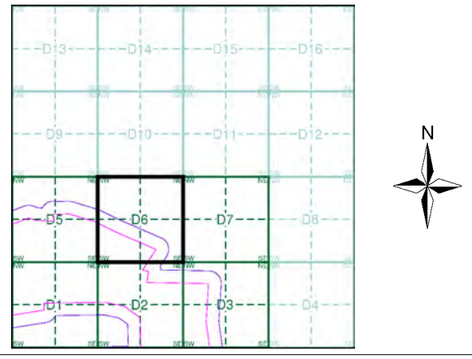
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D6



Order Details

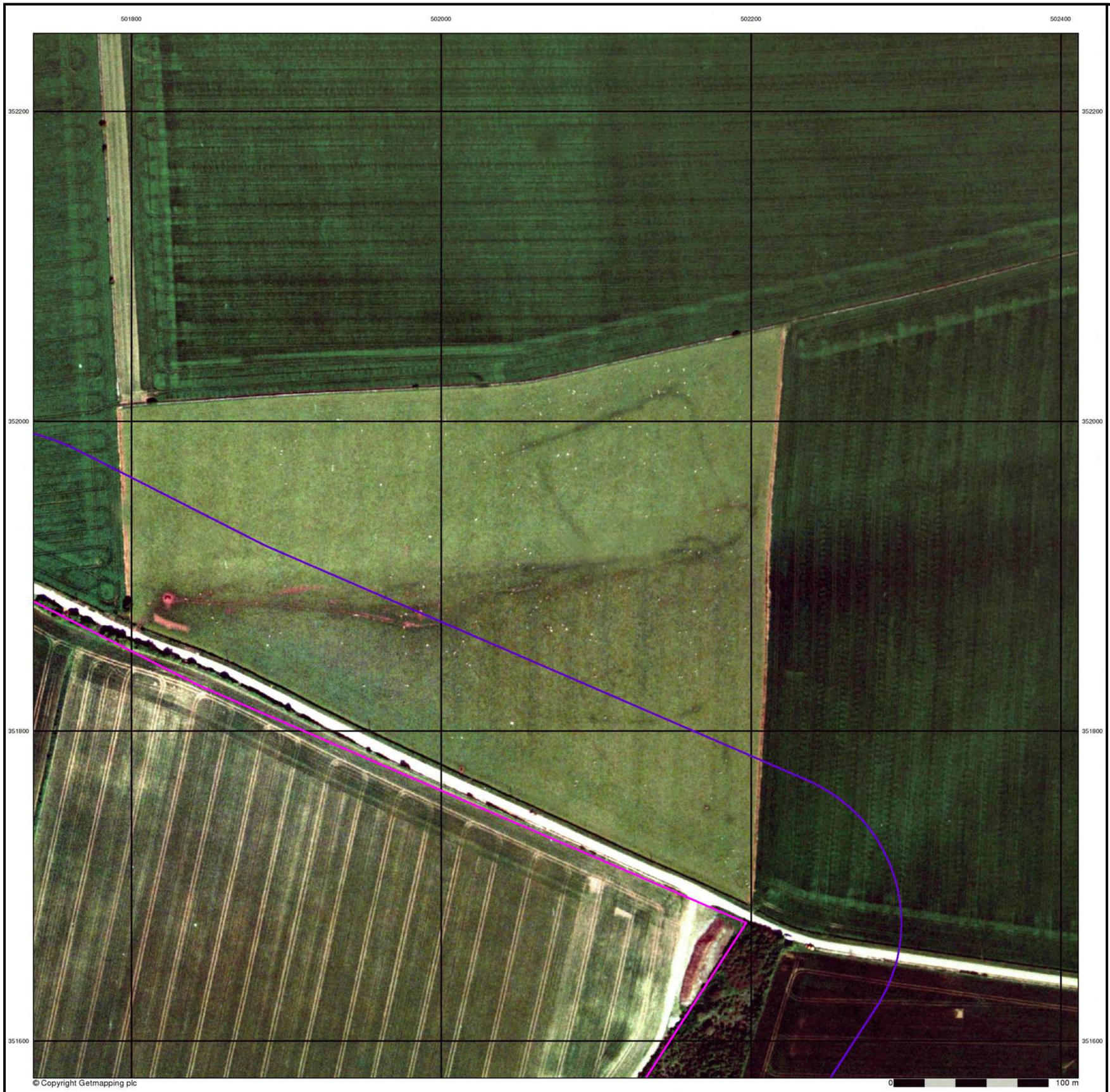
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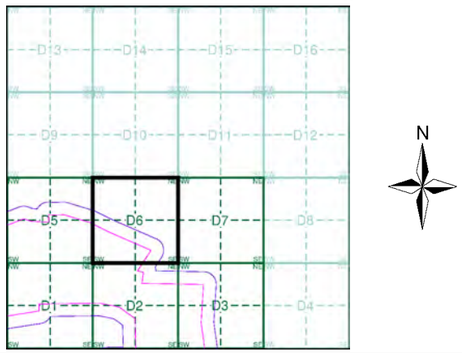
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Historical Aerial Photography

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 D6



Order Details

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National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
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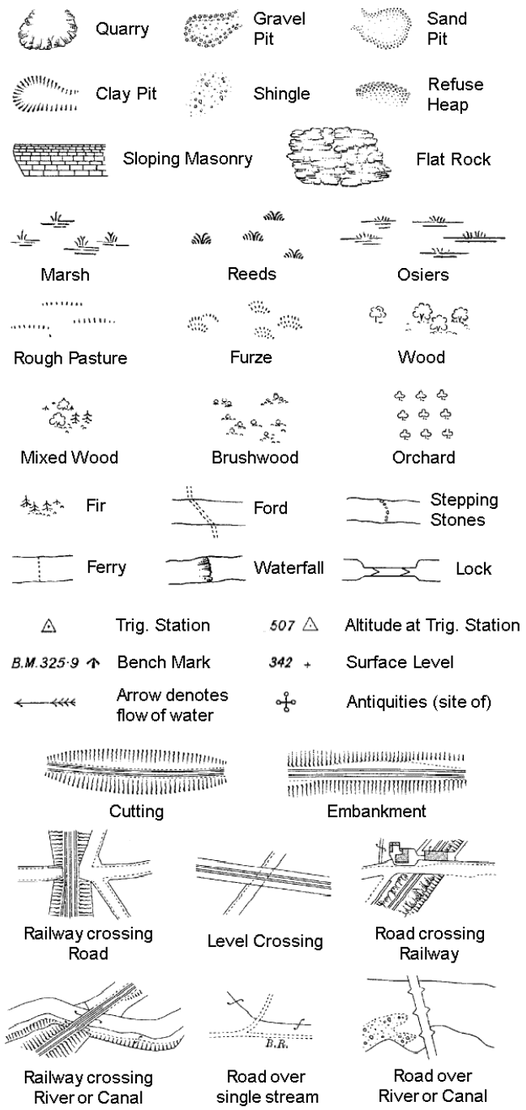
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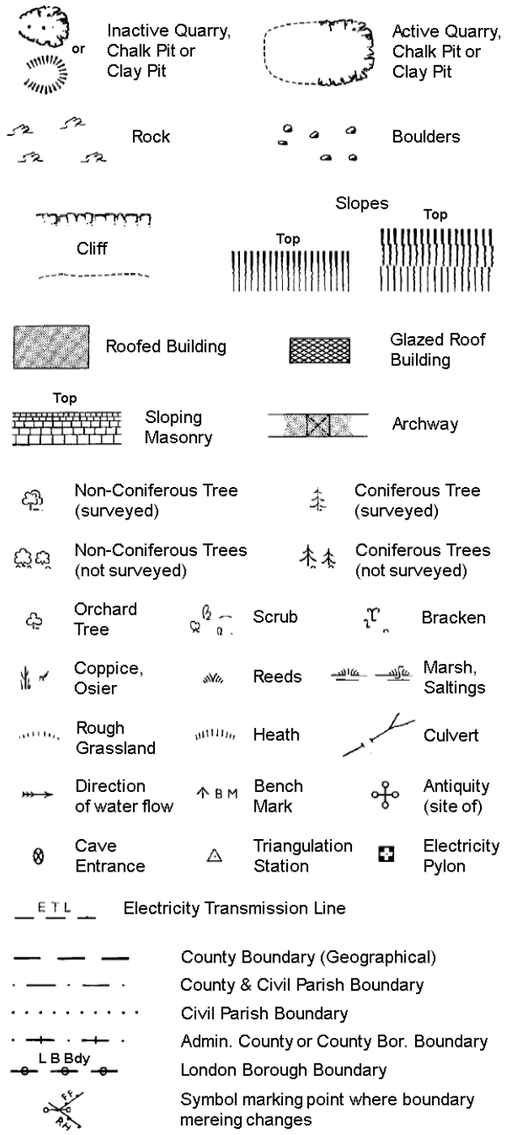
Historical Mapping Legends

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



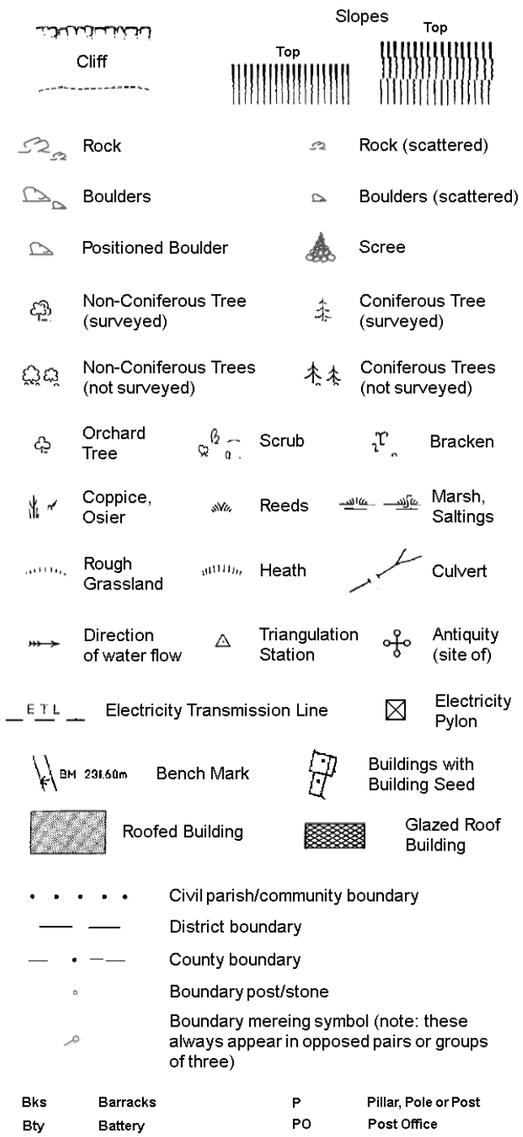
B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



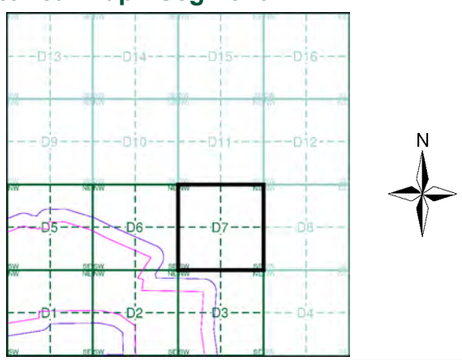
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lincolnshire	1:2,500	1888	2
Lincolnshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1979 - 1980	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment D7



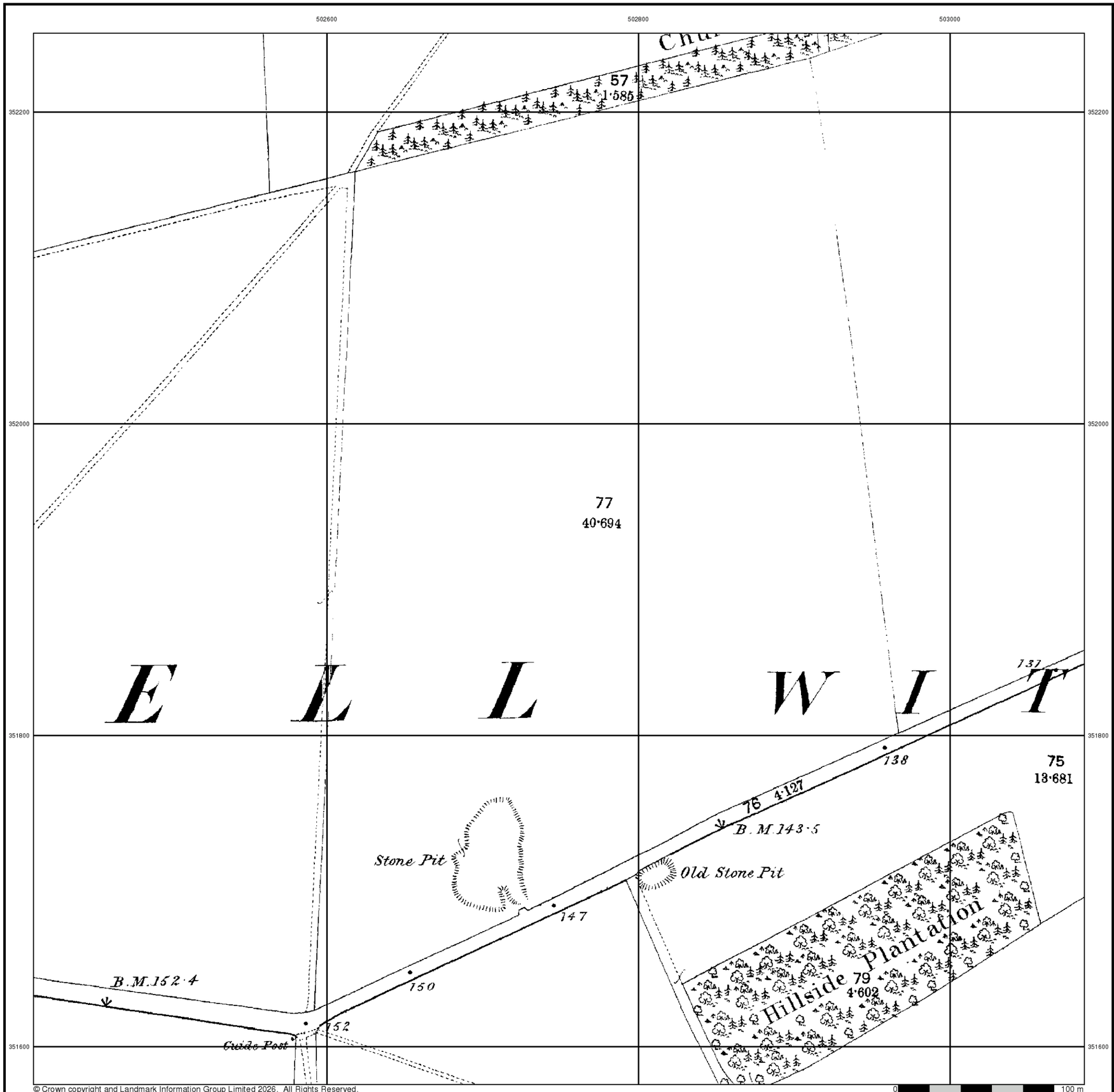
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Slice: D
Site Area (Ha): 259.07
Search Buffer (m): 100

Site Details

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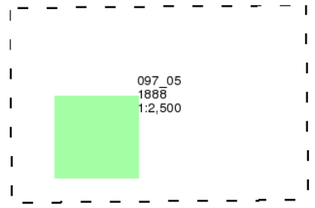
Lincolnshire

Published 1888

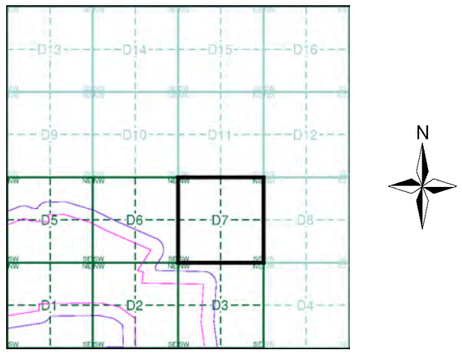
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)



Historical Map - Segment D7



Order Details

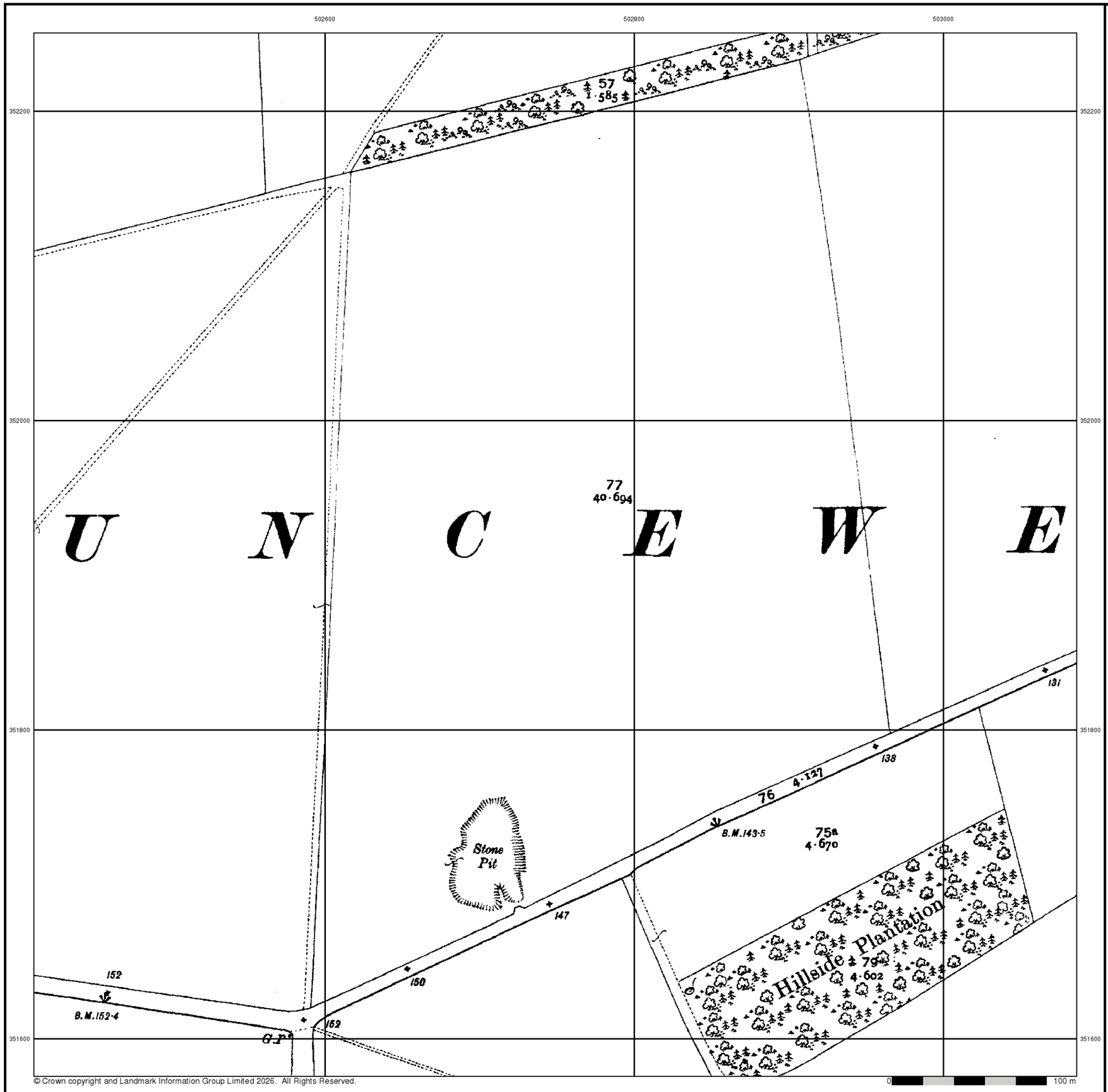
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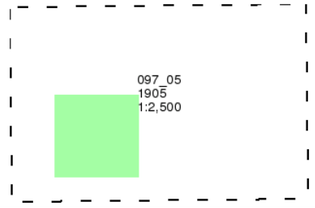
Lincolnshire

Published 1905

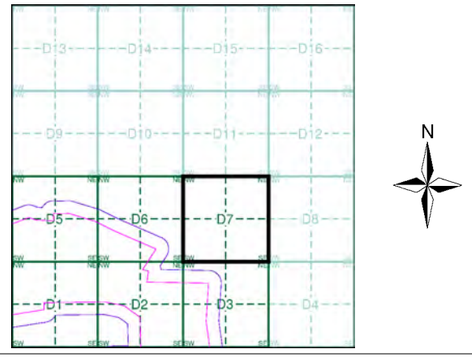
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Historical Map - Segment D7

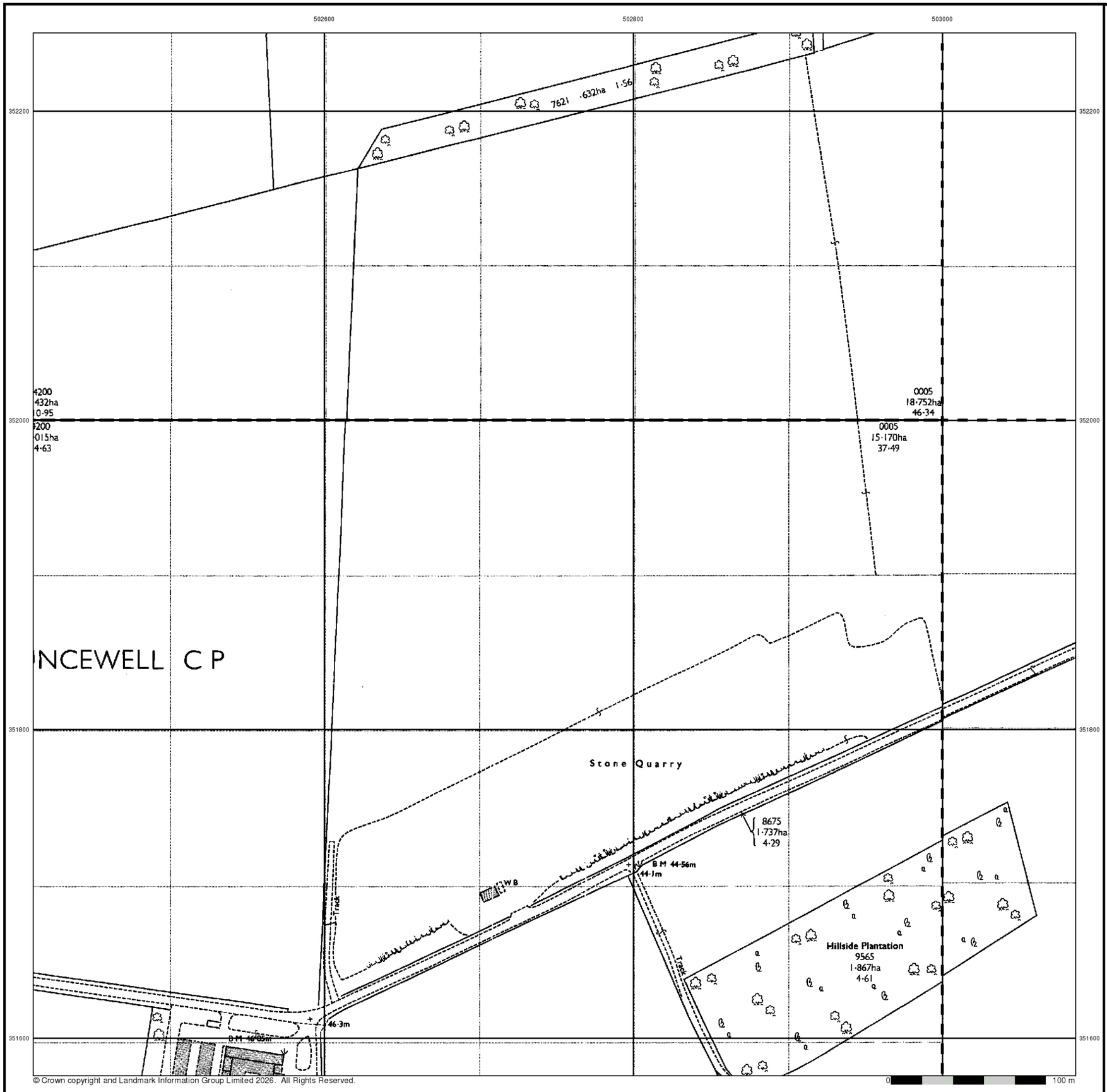


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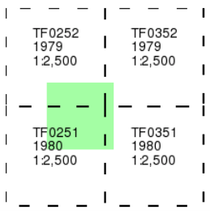
Ordnance Survey Plan

Published 1979 - 1980

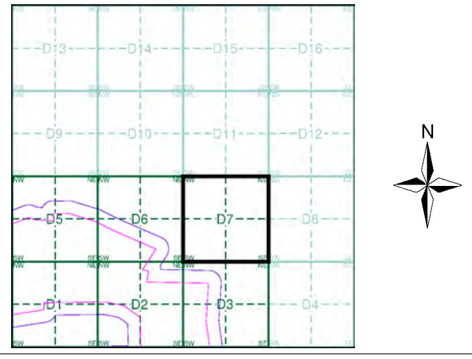
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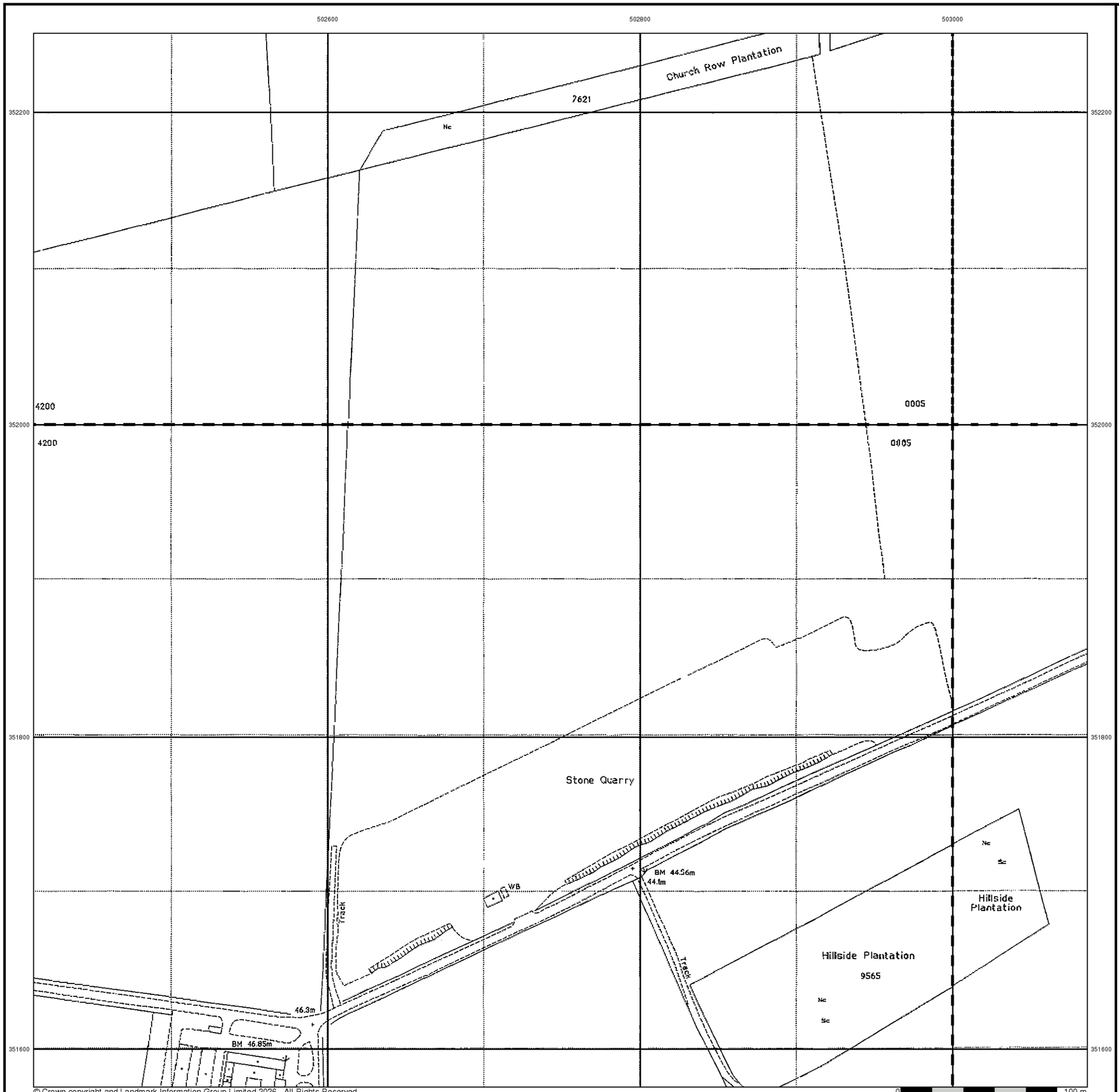
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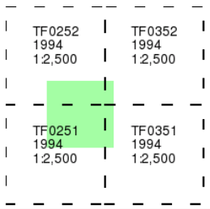
Large-Scale National Grid Data

Published 1994

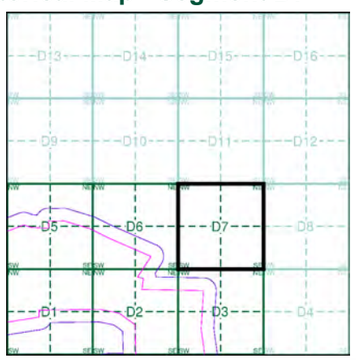
Source map scale - 1:2,500

'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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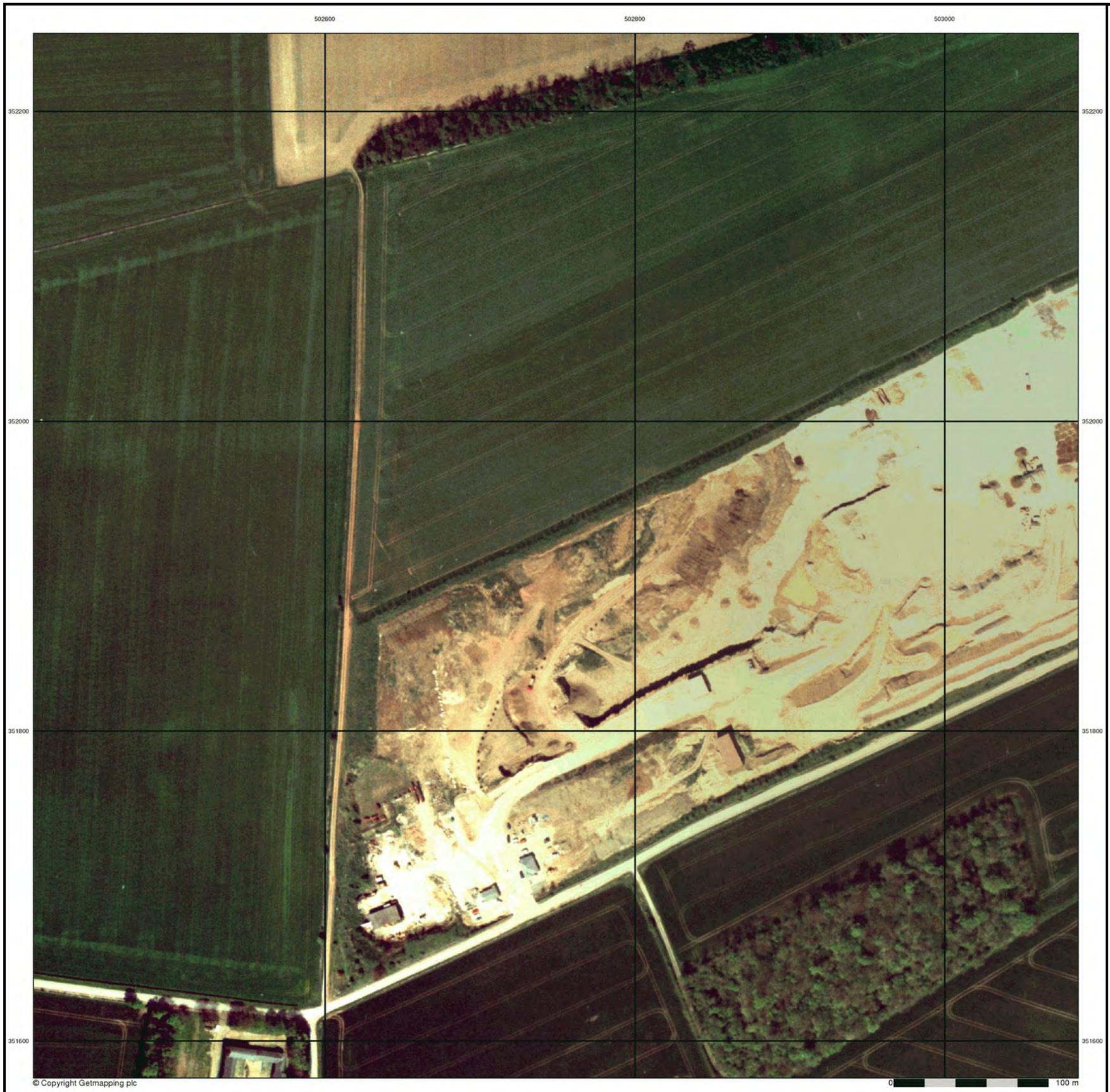
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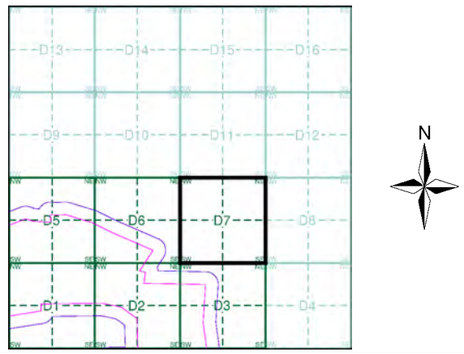
LANDMARK INFORMATION GROUP®

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 D7



Order Details

Order Number:	406246422_1_1
Customer Ref:	323777
National Grid Reference:	502190, 351790
Slice:	D
Site Area (Ha):	259.07
Search Buffer (m):	100

Site Details

1, Laburnum Road, Cranwell, Sleaford, NG34 8EH

Landmark INFORMATION GROUP

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

ANNEX D
OTHER THIRD PARTY DATA

UNEXPLODED BOMB RISK MAP

SITE LOCATION

Map Centre: 501353,351000



This map principally indicates a hazard from Unexploded Bombs (UXB) due to WWII bombardment. Other sources of Unexploded Ordnance (UXO) may be present. It should be noted that this map does not represent UXO risk and should not be reported as such when reproduced.

LEGEND

- **High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- **Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- **Low:** Areas indicated as having 15 bombs per 1000acre or less.

Miltary | **Industry** | **UXO find** | **Other**
Transport | **Docks** | **Luftwaffe targets**
Utilities | **Bombing decoy** | **Airfields**

How to use your Unexploded Bomb (UXB) risk map?

This map indicates the potential for UXBs to be present because of World War Two (WWII) bombing. It can be incorporated into a technical report, such as a Phase 1 Desk Study, or similar document as an indication of the potential for UXO encounter on a Site. Other sources of UXO may also be indicated, although note that these are not comprehensive and more detailed research is required to confirm their presence.

What if my Site is in a moderate or high density area?

We typically recommend that a detailed UXO desk study and risk assessment is undertaken for sites in an area with a moderate or high bombing density.
Additionally, if your site is in close proximity to a strategic target, military establishment, airfield or bombing decoy, then additional detailed research is recommended.

If my site is in a low risk area, do I need to do anything?

If both the map and other research confirm that there is a low potential for UXO to be present on your site, then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

If you are unsure whether other sources of UXO may be present, you can request one of our pre-desk study assessments (PDSA) by emailing a site boundary and location to pdsa@zetica.com.

You should never plan site work or undertake a risk assessment using these maps alone. More detail is required, to include an assessment of the likelihood of a source of UXO hazard from other military activity not reflected on these maps.

If I have any questions, who do I contact?

tel: +44 (0) 1993 886682 **email:** uxo@zetica.com **web:** www.zeticauxo.com

The information in this UXB risk map is derived from a range of sources and should be used with the accompanying notes on our website.

Zetica cannot guarantee the accuracy or completeness of the information or data used and cannot accept any liability for any use of the maps. These maps can be used as part of a technical report or similar publication, subject to acknowledgement. The copyright remains with Zetica Ltd.

BOREHOLE LOCATIONS







British Geological Survey

BGS ID: 249759 : BGS Reference: SK94NE9/A
British National Grid (27700) : 499530,349450

Trial Pit Record & Laboratory Test Results

No site plan here & no grid refs.

Report No FGE/ 1130

Fig No. 3

SK 94 NE 9A

Trial Pit No. 1

Key ● Disturbed Sample ■ Undisturbed Sample

Scale 1:100

Reduced Level m.OD.	Strata	Depth below surface m	Sample No	Moisture Content %	Liquid Limit %	Plastic Limit %	Dry Density kg/m³	Cohesion kN/m²	Coefft of volume change m²/MN	Coefft of consolidation m²/yr	Remarks
	Brown silty loam with some roots	0									
	Red-brown firm/compact clayey sandy silt. (Residual)	0.2									
	Highly weathered Limestone	0.5									40% original rock, very thinly bedded and v.closely jointed.
	Moderately weathered Limestone	1.1									70-80% original rock, v.thinly bedded and v.closely jointed.
		1.3									
		1.5									

Contact BGS: ngdc@bgs.ac.uk

9 A | SK94NE | 9 A

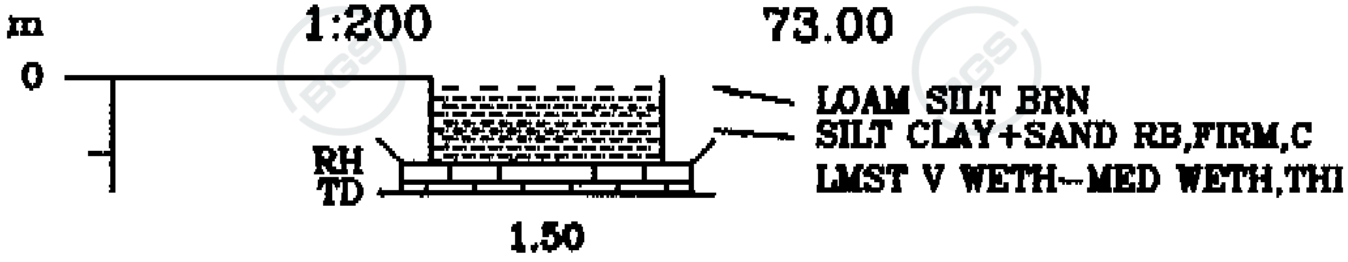
N-RAF CRANWELL TRIAL PIT NO.1

Date: RP:T.:1979

Grid Reference: 99530 49450

Scale: Ordnance Datum:

1:200 73.00



British Geological Survey

BGS ID: 249760 : BGS Reference: SK94NE9/B
British National Grid (27700) : 499480,349490

Trial Pit Record & Laboratory Test Results

Report Nº FGE/ 1130
Fig Nº 4 SK94NE 9B

Trial Pit Nº 2. Key ● Disturbed Sample ▮ Undisturbed Sample Scale 1:100

Reduced Level m.OD	Strata	Depth below surface m	Sample Nº	Moisture Content %	Liquid Limit %	Plastic Limit %	Dry Density kg/m³	Cohesion kN/m²	Coefft of volume change m²/MN	Coefft of consolidation m²/yr	Remarks
	Brown silty loam and some roots	0									
	Red-brown firm/compact clayey sandy silt (Residual)	0.2									
	Highly weathered limestone	0.35									30-40% original rock. V. thin bedding and close jointing.
	Moderately weathered limestone	0.8									90% original rock; v. thin bedding & v. close jointing. "Diggable" with JCB tractor/shovel but harder than pit 1.
		1.1									

Contact BGS: ngdc@bgs.ac.uk

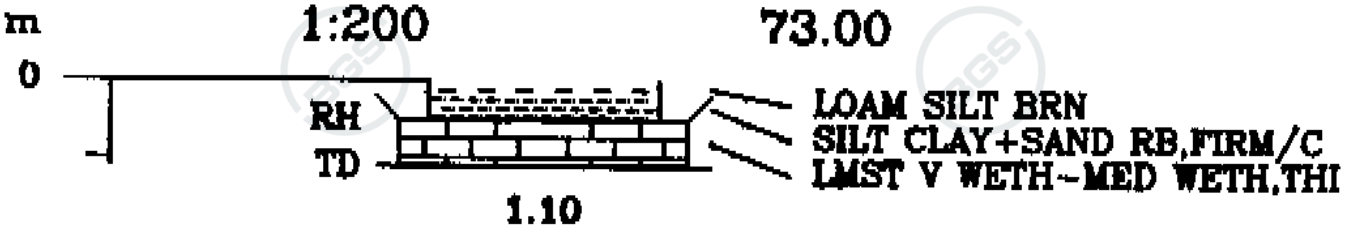
9 B · SK94NE 9 B

N-RAF CRANWELL TRIAL PIT NO.2

Date: RP:T.:1979

Grid Reference: 99480 49490

Scale: 1:200 Ordnance Datum: 73.00



British Geological Survey

BGS ID: 249761 : BGS Reference: SK94NE9/C
British National Grid (27700) : 499430,349530

Trial Pit Record & Laboratory Test Results

Report No FGE/1130
Fig No: 5
SK 94 NE 9 C

Trial Pit No: 3

Key ● Disturbed Sample ▮ Undisturbed Sample

Scale 1:100

Reduced Level m.OD	Strata	Depth below surface m	Sample No	Moisture Content %	Liquid Limit %	Plastic Limit %	Dry Density kg/m³	Cohesion kN/m²	Coefft of volume change m²/MN	Coefft of consolidation m²/yr	Remarks
	Brown silty loam with some roots	0									
	Red-brown firm/compact clayey sandy silt. (Residual Soil)	0.2									
	Highly weathered Limestone	0.3									50% original rock, increasing with depth V.thinly bedded and v.closely jointed.
	Moderately weathered Limestone	0.75									80% original rock. V.thinly bedded and v.closely jointed.
		1.0									Diggability much as pit 2.

Contact BGS: ngdc@bgs.ac.uk

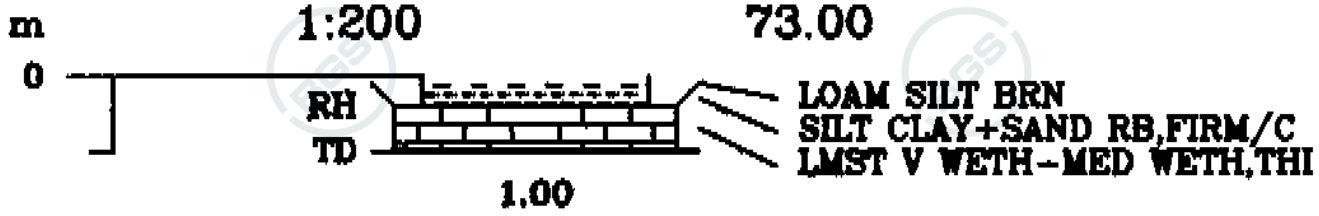
9 C | SK94NE | 9 C

N-RAF CRANWELL TRIAL PIT NO.3

Date: RP:T.:1979

Grid Reference: 99430 49530

Scale: 1:200 **Ordnance Datum: 73.00**



British Geological Survey

BGS ID: 249762 : BGS Reference: SK94NE9/D
British National Grid (27700) : 499500,349560

Trial Pit Record & Laboratory Test Results

Report No: FGE/ 1330

Fig No: 6

SK 94 NE 9D

Trial Pit No: 4

Key ● Disturbed Sample ▮ Undisturbed Sample

Scale 1:100

Reduced Level m.OD	Strata	Depth below surface m	Sample No	Moisture Content %	Liquid Limit %	Plastic Limit %	Dry Density kg/m³	Cohesion kN/m²	Coeffit of volume change m²/MN	Coeffit of consolidation m²/yr	Remarks
	Brown silty loam and some roots	0									
	Completely weathered limestone	0.25									
	Highly weathered limestone	0.40									35-45% original rock V. thinly bedded and v. closely jointed.
	Moderately weathered limestone	0.7									80% original rock v. thinly bedded and v. closely jointed.
		1.0									Diggability good to 0.8m.

Contact BGS: ngdc@bgs.ac.uk

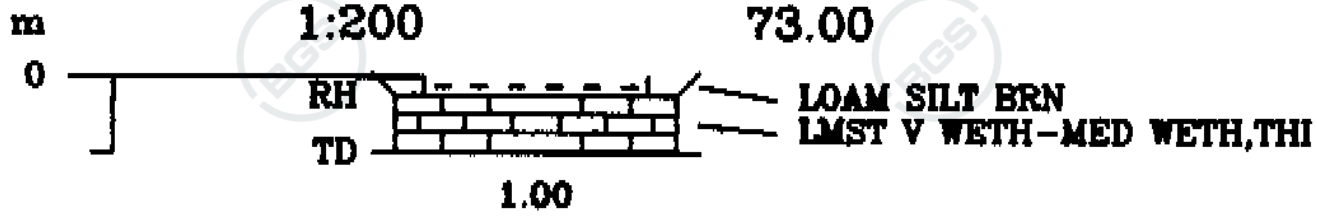
9 D · SK94NE 9 D

N-RAF CRANWELL TRIAL PIT NO.4

Date: RP:T.:1979

Grid Reference: 99500 49570

Scale: Ordnance Datum:



British Geological Survey

BGS ID: 249770 : BGS Reference: SK94NE17
British National Grid (27700) : 499052,349375

SK94NE17

BOREHOLE RECORD - Cable Percussion

Project A17 LEADENHAM TO SLEAFORD | Client DEPARTMENT OF TRANSPORT | Borehole BH2 | Sheet 1 of 1

Location 499052.422 349375.205 | Engineer PETER FRAENKEL AND PARTNERS | Project No 93-7501

Sampling				Properties			Strata			
Depth	Sample Type	Depth Cased	Depth to Water	Strength kN/m²	W %	SPT N	Description	Depth	Legend	Level OD
							TOPSOIL. (Drillers Description).	G.L.		72.04
							Recovered as very densely compacted pale yellowish brown very silty very fine to medium subangular gravelly sand of limestone fragments, moderately weak. MADE GROUND.	0.30		71.74
1.00 - 1.50	B									
1.00	C		DRY			75				
1.80	D				14		Below 1.80m recovered as dense yellowish brown to cream, slightly gravelly very sandy clayey silt of weathered oolitic limestone.			
2.00 - 2.45	C	1.50	DRY			40				
2.80	D						Below 2.80m with occasional coarse gravel and cobbles of subangular oolitic limestone.			
3.00 - 3.50	B						Below 3.00m, slightly cohesive (soft) in parts, recovered as clayey silty very gravelly SAND.			
3.00 - 3.45	C		DRY			32				
								4.00		68.04
4.00 - 4.45	C		DRY			16	Recovered as medium densely compacted yellow brown silty sandy fine to coarse gravel of weathered oolitic limestone. MADE GROUND.			
4.80	D						Below 5.00m recovered as very dense, weakly cemented very silty gravelly sand.			
5.00 - 5.45	DS		DRY			108/225				
								5.30		66.74
5.50 - 5.60	D	1.50	5.60				Recovered as very dense cream to light grey silty sandy fine to coarse angular GRAVEL of weathered oolitic limestone, fragments are very weak to weak. (weakly cemented in parts?). LINCOLNSHIRE LIMESTONE (JURASSIC)	5.60		66.44

Boring				Progress				Groundwater				
Depth	Dia	Technique	Crew	Depth of Hole	Depth Cased	Depth to Water	am (A) pm (P) Date	Depth Struck	Depth Cased	Depth after 20 mins	Depth Sealed	Remarks on Groundwater
5.60	150mm	Cable Percussion	SIS	Start 0.00 5.60 End	0.00 1.50	5.60	09/05/93 A09/05/93 A09/05/93 09/05/93	5.60	1.50	5.60		Did not rise.

Remarks Winching rig into position 3/4 hr.
Water added to assist boring at drillers discretion between 1.00-5.00m.
Chiselled from 5.30-5.60m for ¾ hr.
Winching rig out of borehole position ¼ hr.

geotechnics

Logged by: RDS Symbols and abbreviations are explained on the accompanying key. All linear dimensions are in metres. Scale: 1:50

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 249777 : BGS Reference: SK94NE24
British National Grid (27700) : 498834,349541

TRIAL PIT RECORD

SK94NE 24

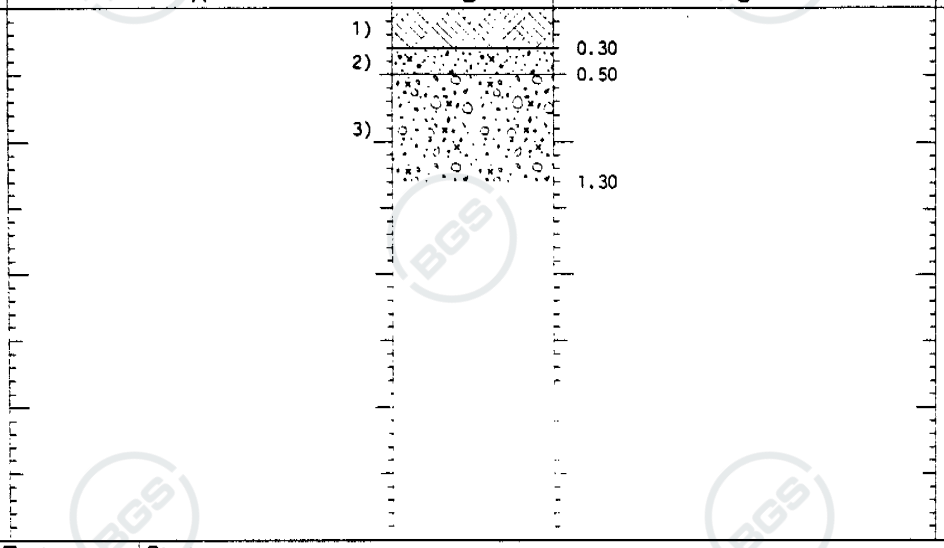
Project A17 LEADENHAM TO SLEAFORD | Client DEPARTMENT OF TRANSPORT | Trial Pit TP12

Date 28/04/93

Location 498834.866 349541.032 | Engineer PETER FRAENKEL AND PARTNERS | Project No 93-7501

Face | A | B | C | D

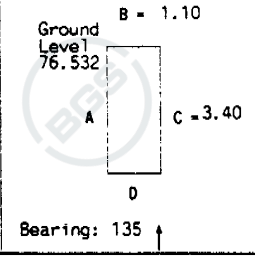
Elevation of Pit Faces



Samples and Tests			Strata	
Depth	Type	Strength kN/m²	Reference and Face B Depth	Description
0.20 0.10	B D		1) 0.30	Crop seed in loose dark brown very sandy silt topsoil with occasional fine to coarse gravel and rare cobbles of limestone. TOPSOIL.
0.40 0.40 0.40 0.40	CBR SRT Bx2 D		2) 0.50	Medium dense red brown very silty SAND and GRAVEL of cream strong limestone fine to coarse subrounded to subangular fragments. LINCOLNSHIRE LIMESTONE.
1.00	Bx3		3) 1.30	Dense cream fine to coarse SAND, GRAVEL and COBBLES of limestone, strong. No progress below 1.30m. LINCOLNSHIRE LIMESTONE.

Plant	JCB 3C
Shoring	None
Stability	Stable.
Groundwater	None.

Dimensions



Location Sketch Plan

Remarks Large insitu density test @ 0.40m bgl.
In situ CBR test at 0.40m bgl.

geotechnics

Logged by: SDP Symbols and abbreviations are explained on the accompanying key. All linear dimensions are in metres. Vert.Scale: 1:50

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 249778 : BGS Reference: SK94NE25
British National Grid (27700) : 498985,349436

TRIAL PIT RECORD

SK 94 NE 25

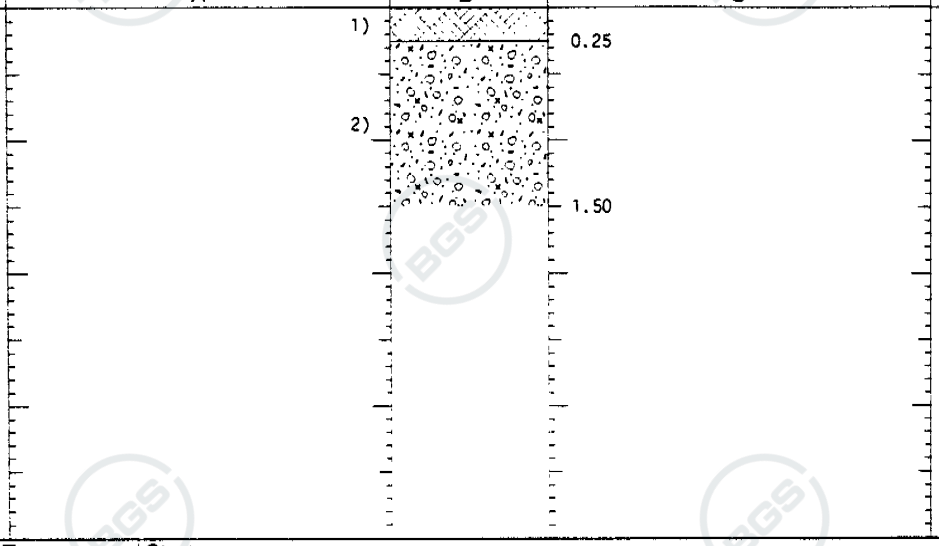
Project A17 LEADENHAM TO SLEAFORD | Client DEPARTMENT OF TRANSPORT | Trial Pit TP13

Date 28/04/93

Location 498985.655 349436.159 | Engineer PETER FRAENKEL AND PARTNERS | Project No 93-7501

Face A B C D

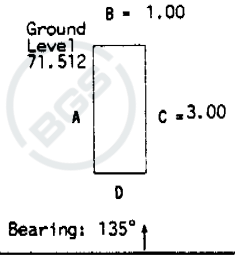
Elevation of Pit Faces



Samples and Tests			Strata	
Depth	Type	Strength kN/m²	Reference and Face B Depth	Description
0.00 - 0.25	B		1) 0.25	Loose grey brown slightly clayey very silty gravelly sand with rare cobbles and brick fragments. TOPSOIL.
0.50 - 0.70 1.00 - 1.50	Bx2 Bx2		2) 1.50	Dense light yellowish brown silty very sandy cobbly angular to subangular GRAVEL. Gravel and cobbles of oolitic limestone. Some small boulders towards base. LINCOLNSHIRE LIMESTONE.

Plant	JCB 3C
Shoring	None
Stability	Very minor block spalling.
Groundwater	Dry.

Dimensions



Location Sketch Plan

Remarks JCB progress slow.
Pit terminated at 1.50m JCB unable to proceed.

geotechnics

Logged by: DEB Symbols and abbreviations are explained on the accompanying key. All linear dimensions are in metres. Vert.Scale: 1:50

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 468785 : BGS Reference: TF04NW27
British National Grid (27700) : 502446,349796

TF04NW/27

FoRAKY - bef. 1976

127/221 TF 0249/98

Cranwell Observation borehole No 14 (TF 0245 4980) TF 04 NW

G/L 51.00 mAOD Flange Top 50.78 mAOD BOTTOM OF CASING

Core examination

Drillers Log

Lincolnshire Limestone

100% Lost Circ.

grey limestone, pinkish brown in part, hard, variable granular oolite

yellow brown LIMST As above

grey LIMST A/A

yellow-brown LIMST, pinkish, mean hard, oolitic, visibly porous, angular

Lincolnshire Limestone

creamy brown LIMESTONE, med hard, oolitic, grey lenses.

grey LIMESTONE A/A

brown LIMESTONE A/A, some grey at bottom.

grey and brown LIMESTONE, med hard, c. oolitic, sl. foss.

brown hard, oxidised marl-rich strongly, mainly hard, oolitic, micaceous, burrowed, clayey.

grey LIMESTONE, med hard, granular, oolitic, coral fossils.

black CHALK, firm, fissile, noncalcareous CLAYSTONE with grey silky laminae.

Lower Estuarine

Drilled by FoRAKY 15/10/76 - 27/10/76

3 boxes cores at Appleby core store

Total depth 34.67 (113' 10")

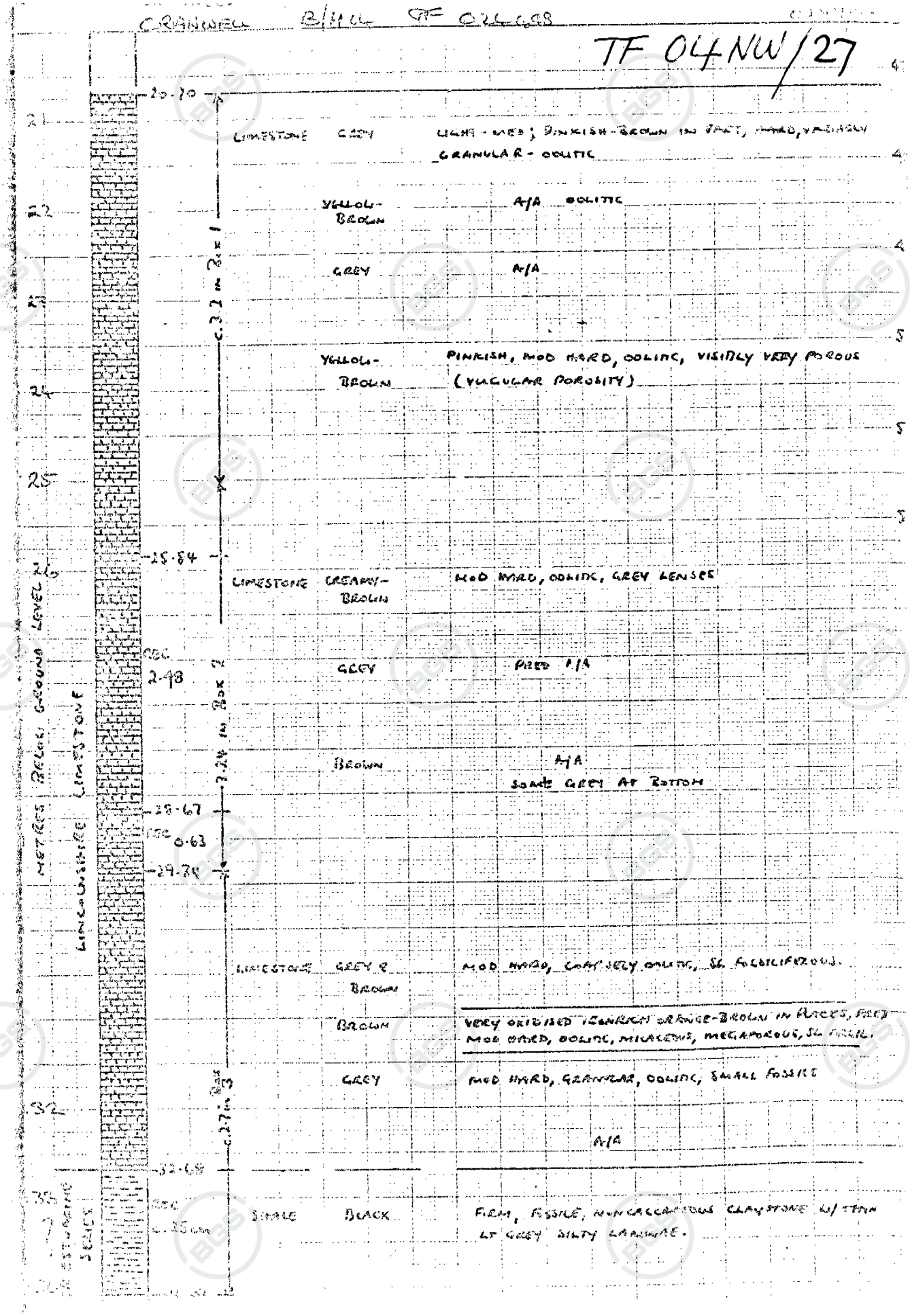
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British Geological Survey

BGS ID: 468785 : BGS Reference: TF04NW27
British National Grid (27700) : 502446,349796

GRANTHAM B/HOLE OF 02446488

TF 04 NW/27

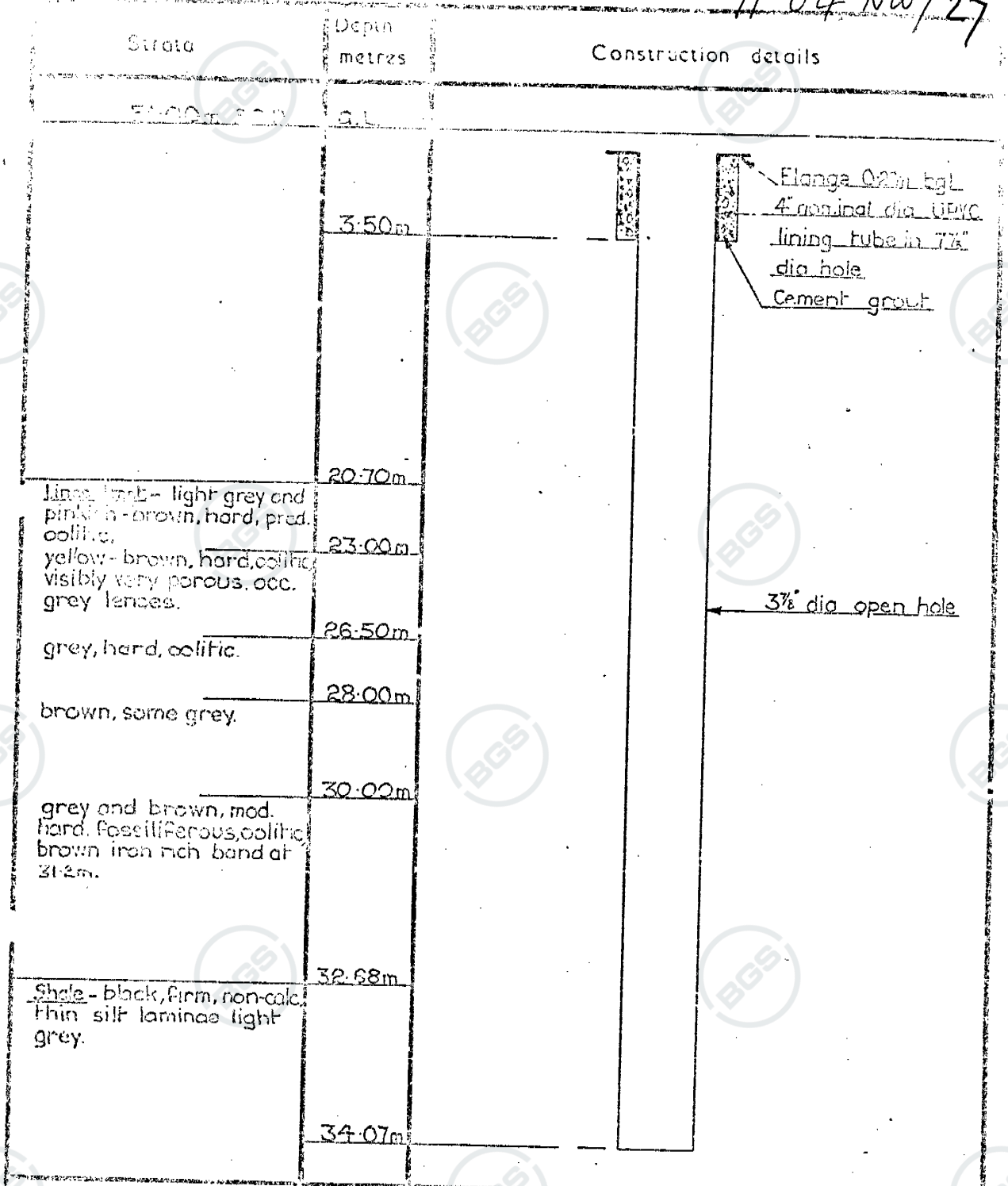


Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 468785 : BGS Reference: TF04NW27
British National Grid (27700) : 502446,349796

TF 04 NW/27



ANGLIAN WATER AUTHORITY
LINCOLNSHIRE RIVER DIVISION

CONSTRUCTION and STRATA LOG of

OBSERVATION BOREHOLE 14. CRANWELL.

~~TF0249/48~~

TF 024 498

Job No : W/23
Dwg No W1/228

Not to scale

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 468832 : BGS Reference: TF04NW74
British National Grid (27700) : 502450,349800

NGRC

BOREHOLE RECORDS

ADJUSTMENT FORM

QUARTER SHEET TF 04 NW

BH REGISTRATION NUMBER 74 - 79

RECORDS ENTERED AND HELD BY WALLINGFORD

BH REGISTRATION NUMBER(S)

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

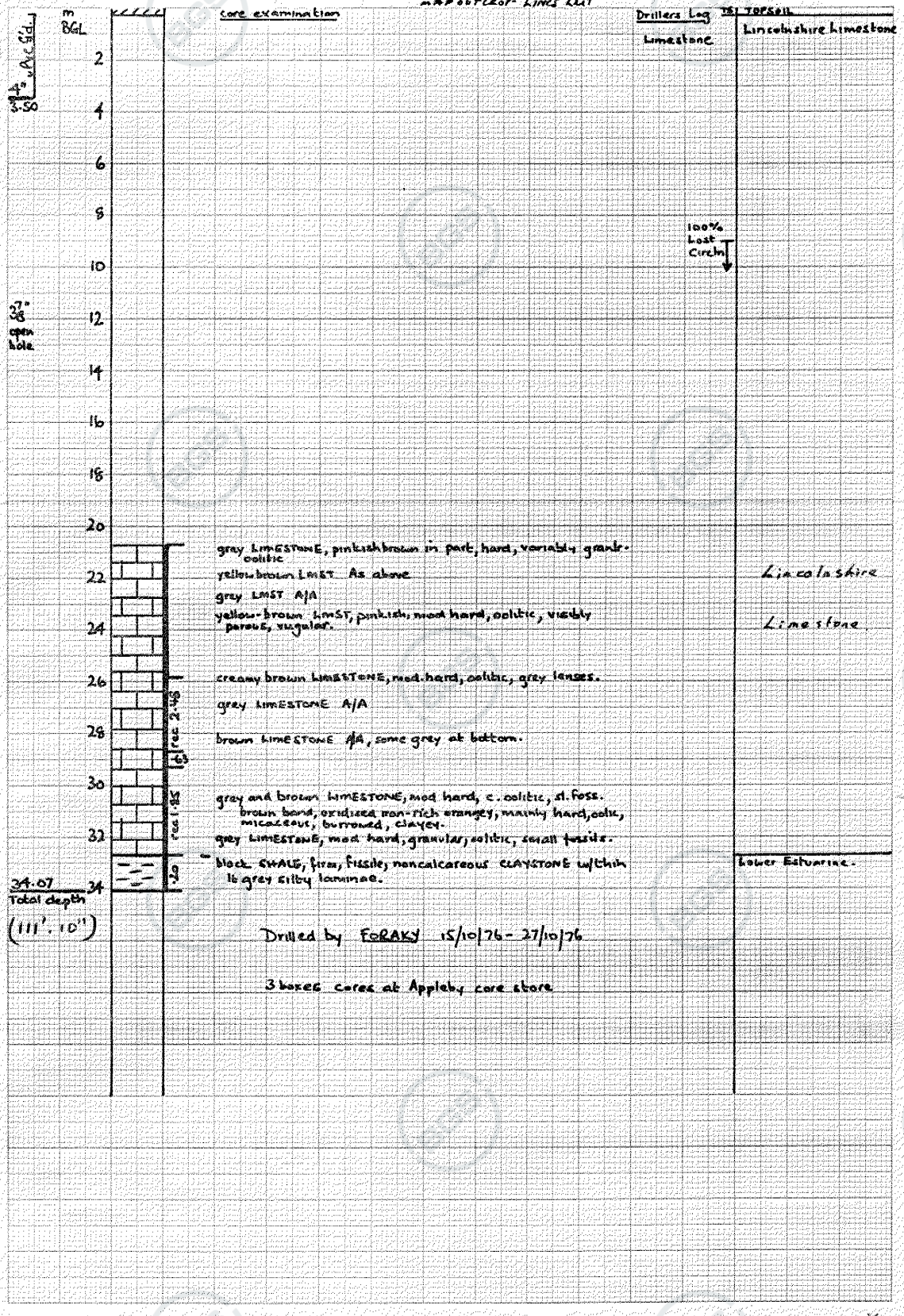
BGS ID: 468832 : BGS Reference: TF04NW74
British National Grid (27700) : 502450,349800

FORAKY - Oct. 1976

127/221 TF04/76 TF 0249/48

Cranwell Observation borehole No 14 (TF 0245 4980) TF 04 NW

G/L 51.00 mAOD Flange Top 50.78 MAP OUTCROP LINES LAT



Drilled by FORAKY 15/10/76 - 27/10/76

3 boxes cores at Appleby core store

Recd from A W A. 17.5.79. Sited by 0 on 1" site map & on 6" Nat Grid sheet

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 468852 : BGS Reference: TF04NW94
British National Grid (27700) : 502680,349950

TF04NW 94

Job Number: 10809	**Site:** College Road,Cranwell		**Trial Pit No.:** 11 — **Sheet** 1 of 1
Remarks : Surface : Dry medium length grass and wild plants/barley. Along hedge line on higher ground. No Groundwater encountered.	**Location:** See Plan	**Orientation:** East-West	**Dimensions:** Length: 2.90m. Width:0.35m. Depth:1.70m. 0268 4995
	Client: Allison Homes Limited.	**Face Logged:** North	
	Excavation Method: Back Acter	**Logged by:** JMY	**Log Scale:** 2.5 m/page — **Ground Level** m AOD

Date 1998	Depth of Casing (m)	Depth of Water (m)	Sample/Test No.	Type	Depth (m)	Change of Strata Legend	Depth below GL (m)	Re-duced Level OD (m)	Thick-ness of Stratum (m)	Description of Strata	Penetration Test Blows	NMC %	Atterberg Limits LL %	PL %	PI %	CBR %	Density Bulk Mg/m3	Density Dry Mg/m3	Shear Strength Cu kPa	Shear Strength Øu	Type of Shear Test	Chemical SO_4 g/l	Chemical pH	Other Tests
16/07									0.15	Brown silty sandy slightly claycy TOPSOIL with traces of limestone gravel and roots.														
							0.15		1.55	Dense yellow brown becoming more buff with depth sandy flat fragmented limestone GRAVEL and COBBLES. (LLm)														
			1	D	0.50						100/60													
			M		0.50-0.56																			
			2	B	0.50-1.00																			
			M		1.00-1.05						100/50													
			3	D	1.50																			
16/07							1.70			END OF TRIAL PIT AT IMPENETRABLE LIMESTONE BASE.														

Scale As Shown 02 98 03

Disturbed Samples: W Water Sample; D Small Bag; B Large Bag; T Tin; J Jar

Undisturbed Samples: U100 105mm diameter; U38 38mm diameter

Groundwater: ▼ Struck ▽ Rose to

Symbols: PT Penetration Tests; M Macintosh Probe Blow Count; P Probe CBR

Type of Shear Test: V Shear vane; Cu Undrained Cohesive Strength; SB Shear Box; Øu Internal Friction Angle; TX Triaxial (undrained)

Notes: Geology : Refer to appendix at end of logs.

LINCS LAB
Telephone (01522) 530355

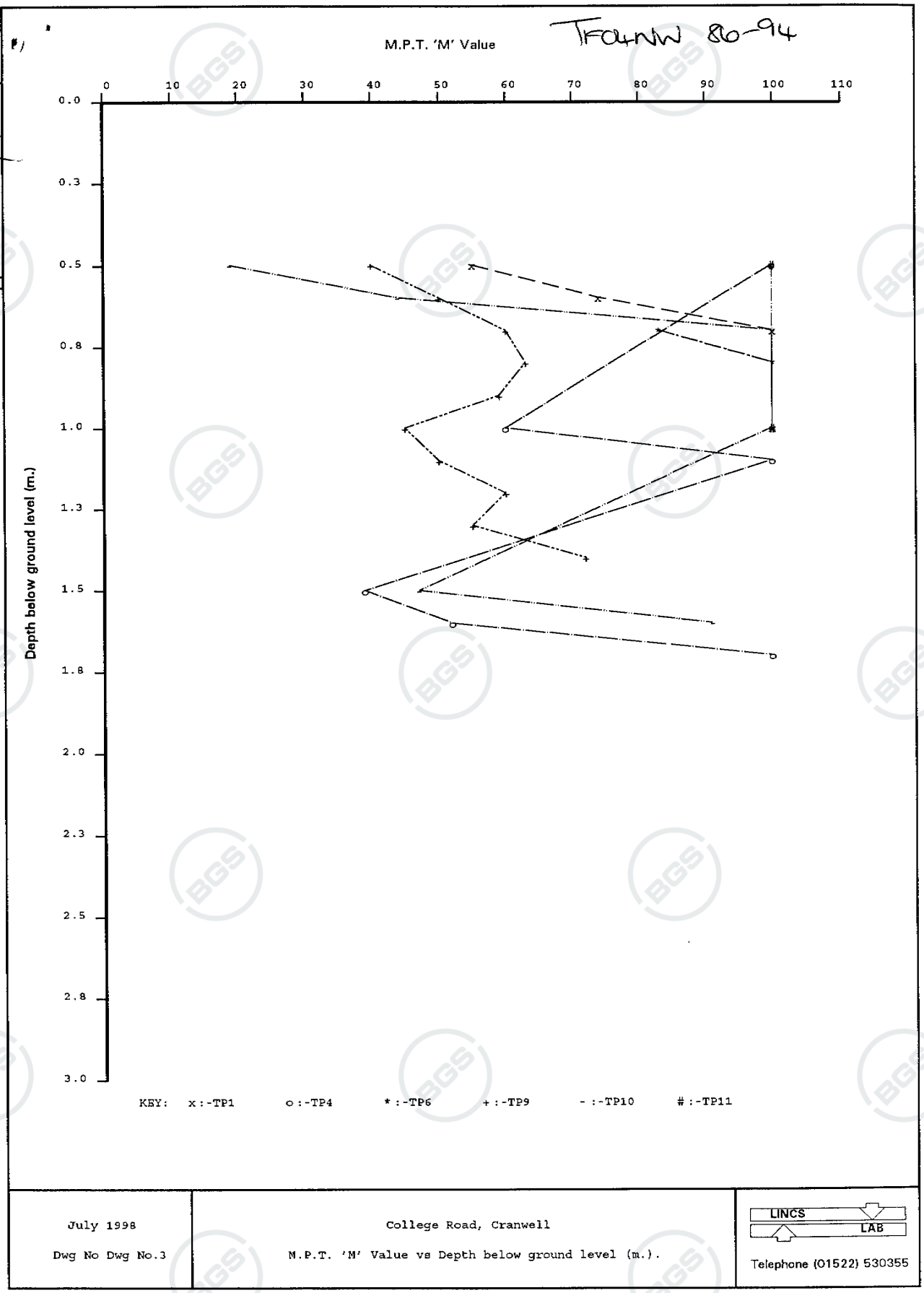
Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 468852 : BGS Reference: TF04NW94
British National Grid (27700) : 502680,349950

TF04NW 86-94

TF 04 NW / 86 · 94

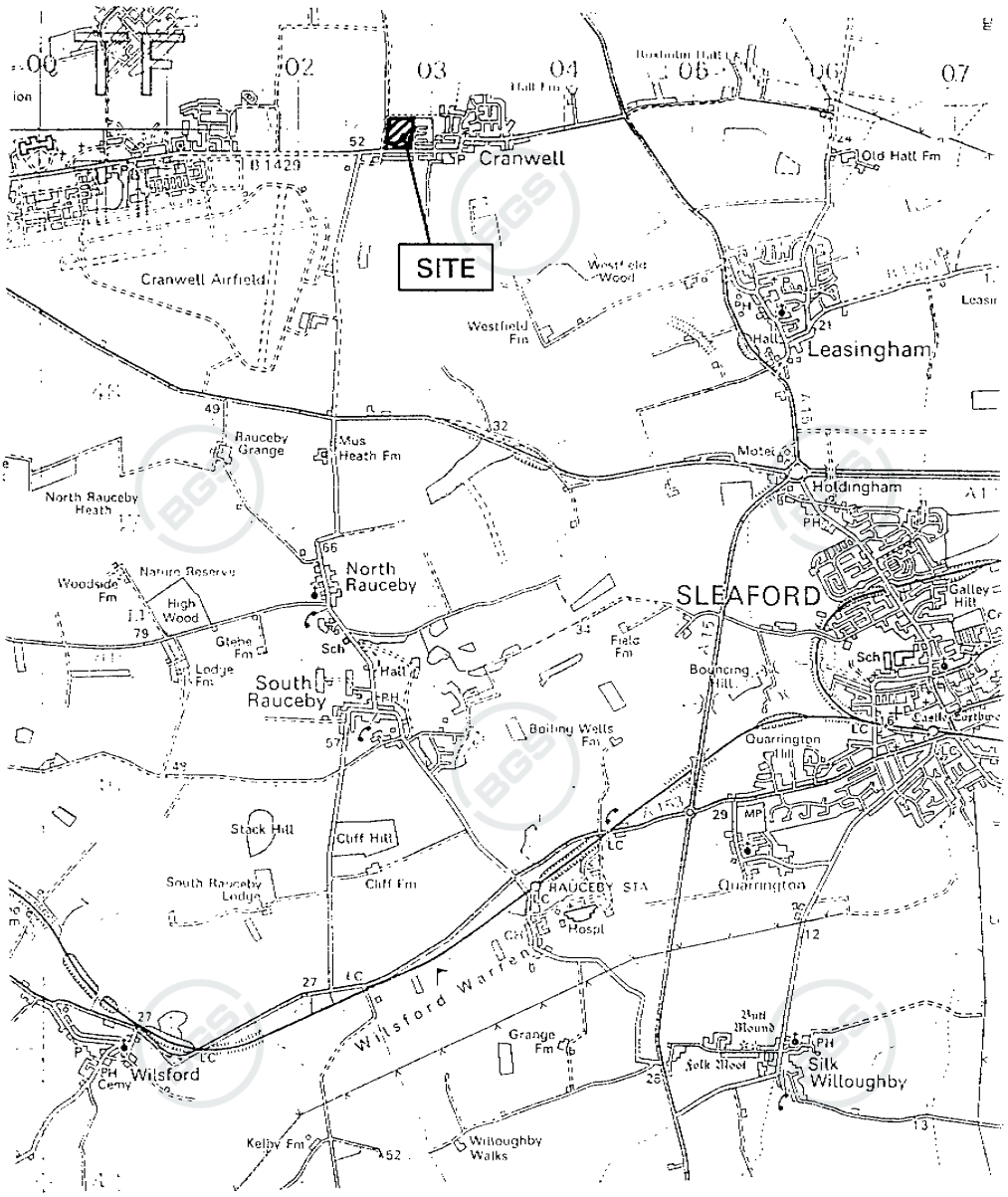


July 1998 Dwg No Dwg No.3	College Road, Cranwell M.P.T. 'M' Value vs Depth below ground level (m.).	LINCS LAB Telephone (01522) 530355

City Systems

Contact BGS: ngdc@bgs.ac.uk

TF04NW 86-94
TF05SW 19-20

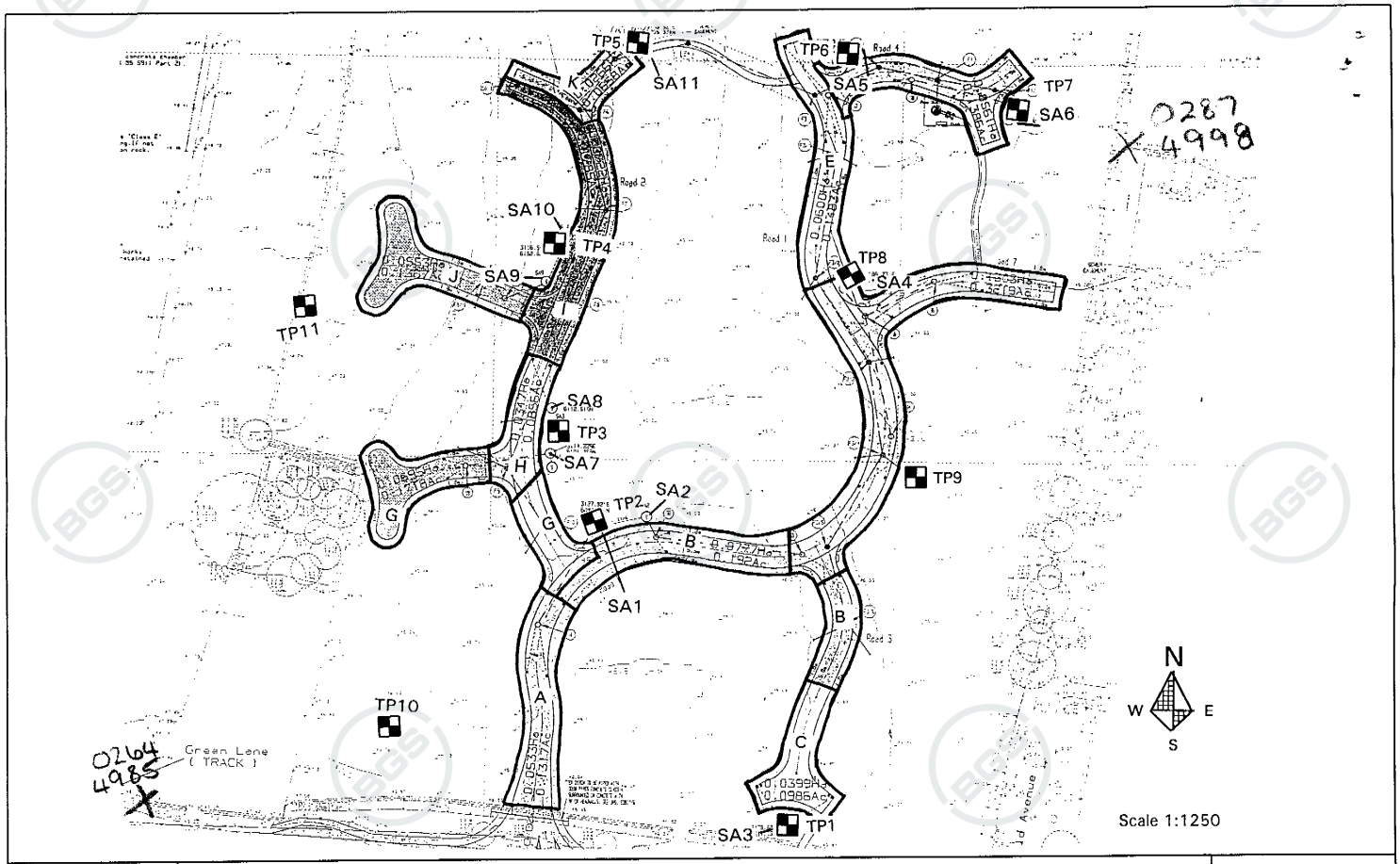


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July 1998	**College Road, Cranwell**	LINCS LAB
Dwg 1	**Site Location Plan**	Tel 01522 530355

British Geological Survey

BGS ID: 468852 : BGS Reference: TF04NW94
British National Grid (27700) : 502680,349950



July 1998	COLLEGE ROAD, CRANWELL	TF04NW 86-94 TF05SW 19-20
Dwg 2	Trial Pit Location Plan	LINCS LAB Tel 01522 530355

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 468854 : BGS Reference: TF04NW96
British National Grid (27700) : 502570,349930

TF04NW 96

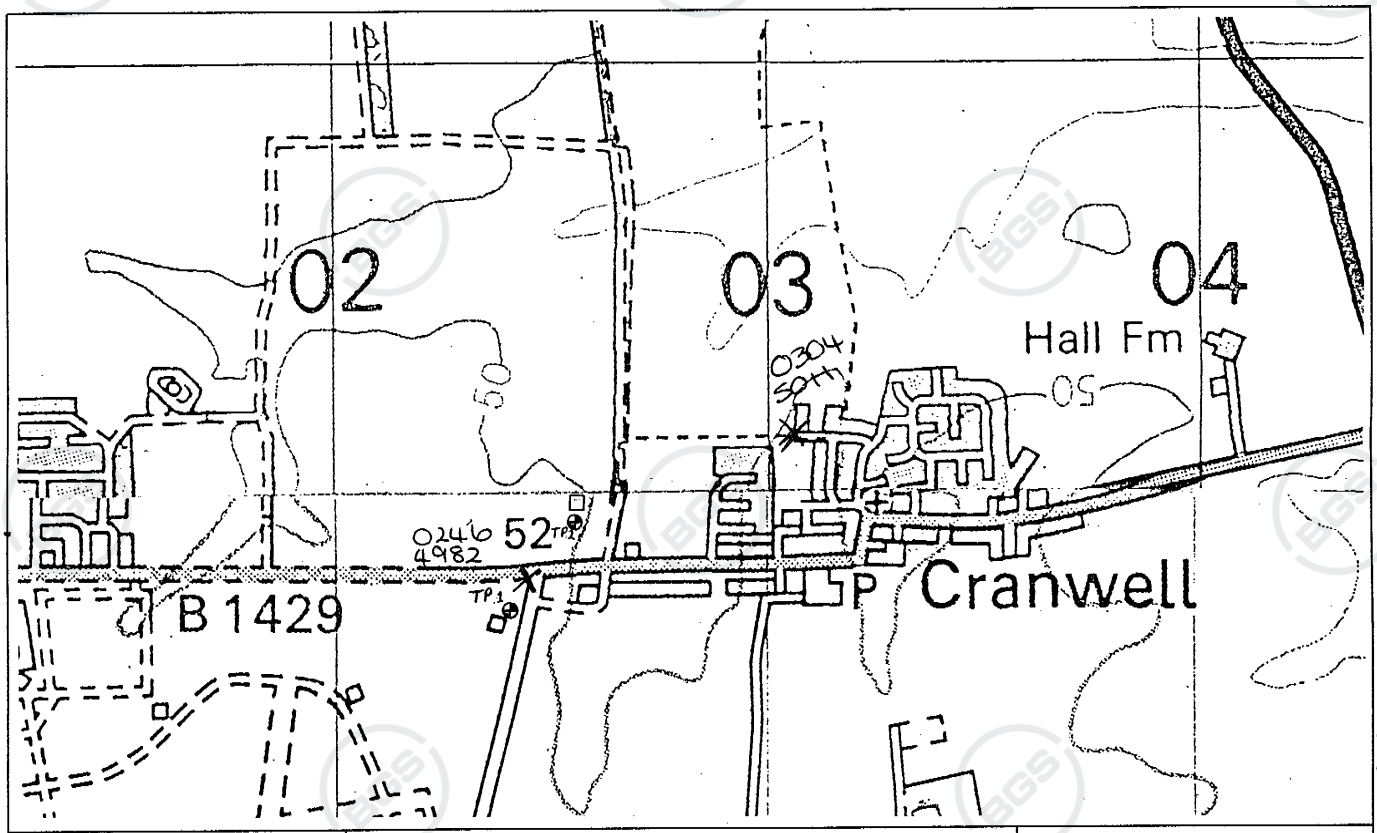
Job Number: 10997	**Site:** R.A.F Cranwell		**Trial Pit No.:** 2 — **Sheet 1 of 1**
Remarks : No Groundwater Encountered.	**Location:** See Plan	**Orientation:** N/S	**Dimensions:** Length: 2.4m. Width:0.65m. Depth:2.2m. 0257 4993
	Client: Stephen Roberts Associates	**Face Logged:** E	
	Excavation Method: Back Acter	**Logged by:** NF	**Log Scale:** 2.5 m/page — **Ground Level** m AOD

Date 1998	Depth of Casing (m)	Depth of Water (m)	Sample/Test No.	Sample/Test Type	Sample/Test Depth (m)	Change of Strata Legend	Depth below GL (m)	Re-duced Level OD (m)	Thick-ness of Stratum (m)	Description of Strata	Penetration Test Blows	NMC %	Atterberg Limits LL %	Atterberg Limits PL %	Atterberg Limits PI %	CBR %	Density Bulk Mg/m3	Density Dry Mg/m3	Shear Strength Cu kPa	Shear Strength Øu°	Shear Strength Type of Shear Test	Chemical SO_4 g/l	Chemical pH	Other Tests
17/09							0.07		0.07	Gravel Track.														
									0.38	Multi orientated fragmented limestone intermixed with brown clayey silty sand.(FILL)														
			1	B	0.50-1.00		0.45																	
				M	0.50-0.60		0.50		0.05	Brown slightly clayey sandy SILT.(Old Topsoil?)	56/100													
				M	0.60-0.67				1.70	Dense fragmented to blocky LIMESTONE intermixed with some brown silty fine to coarse sand.(LLm)	100/70													
				M	1.00-1.09						100/90													
17/09							2.20			Massive Inpenetrable Limestone. END OF TRIAL PIT														

Scale As Shown	Disturbed Samples W Water Sample D Small Bag B Large Bag T Tin J Jar	Undisturbed Samples U100 105mm diameter U38 38mm diameter Groundwater: ▼ Struck ▽ Rose to	Symbols PT Penetration Tests M Macintosh Probe Blow Count P Probe CBR	Type of Shear Test V Shear vane Cu Undrained Cohesive Strength SB Shear Box Øu Internal Friction Angle TX Triaxial (undrained)	Notes Geology : Refer to appendix at end of logs.

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Telephone (01522) 530355

Contact BGS: ngdc@bgs.ac.uk

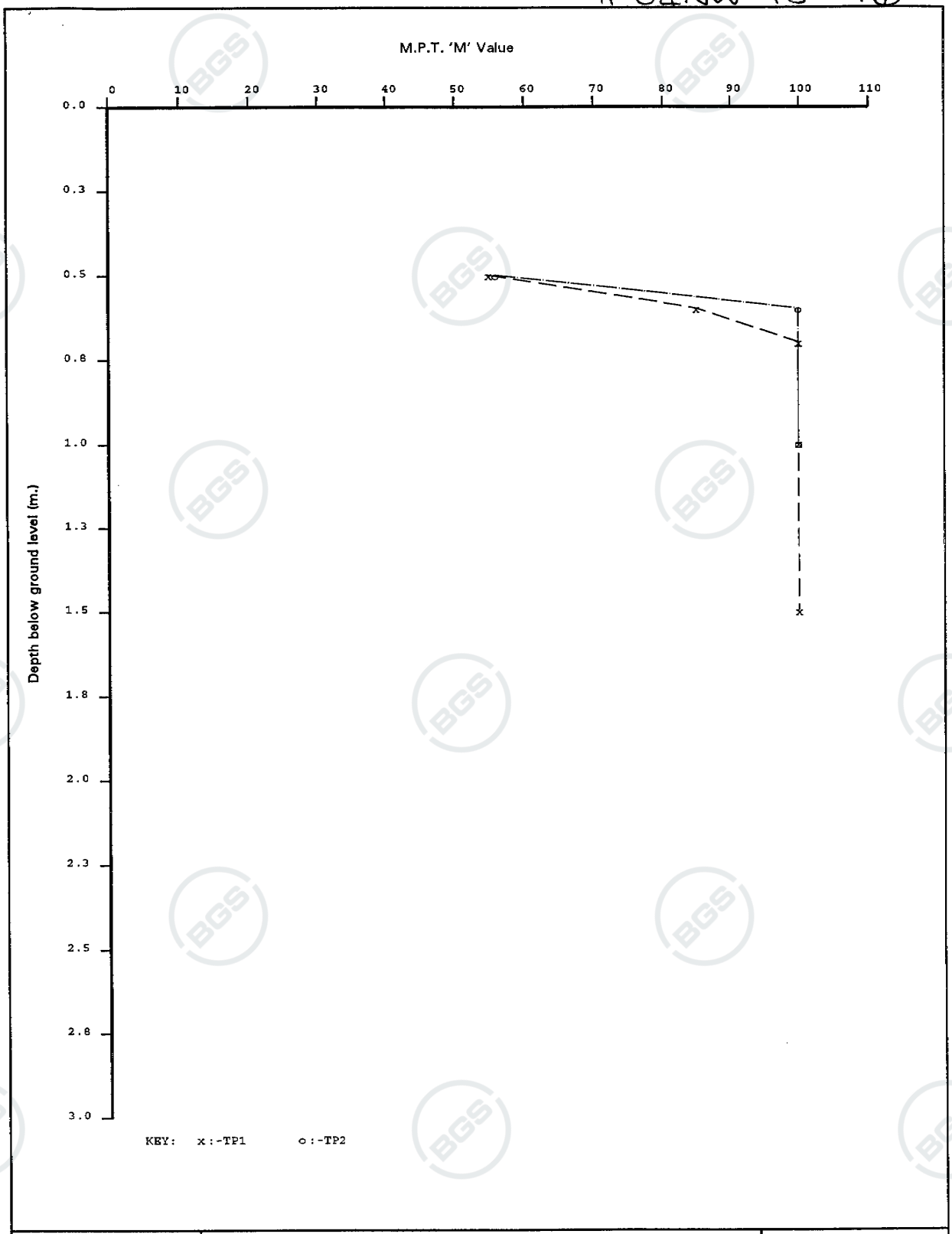


17 September 1998 Dwg No. 2	**RAF CRANWELL** Trial Pit Location Plan	LINCS LAB (01522) 530355

British Geological Survey

BGS ID: 468854 : BGS Reference: TF04NW96
British National Grid (27700) : 502570,349930

TF02NW 95-96



September 1998 Dwg No 4	R.A.F Cranwell M.P.T. 'M' Value vs Depth below ground level (m.).	LINCS LAB Telephone (01522) 530355

City Systems

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 469225 : BGS Reference: TF05SW19
British National Grid (27700) : 502760,350010

TF05SW 19

Job Number: 10809 | **Site:** College Road,Cranwell | **Trial Pit No.:** 5 | **Sheet** 1 of 1

Remarks :
Surface : Dry medium length grass and wild plants/barley.
No Groundwater encountered.

Location: See Plan | **Orientation:** East-West | **Dimensions:** Length: 2.85m. 0276 Width:0.60m. Depth:2.00m. S001

Client: Allison Homes Limited. | **Face Logged:** North

Excavation Method: Back Acter | **Logged by:** JMY | **Log Scale:** 2.5 m/page | **Ground Level** m AOD

Date 1998	Depth of Casing (m)	Depth of Water (m)	Sample/Test No.	Type	Depth (m)	Legend	Depth below GL (m)	Reduced Level OD (m)	Thickness of Stratum (m)	Description of Strata	Penetration Test Blows	NMC %	Atterberg Limits LL %	PL %	PI %	CBR %	Density Bulk Mg/m3	Density Dry Mg/m3	Shear Strength Cu kPa	Shear Strength ØuP	Type of Shear Test	Chemical SO_4 g/l	Chemical pH	Other Tests
15/07									0.20	Brown friable silty sandy clayey TOPSOIL with traces of limestone gravel and roots.														
							0.20		0.30	Loose light brown silty sandy limestone GRAVEL. (SD)														
			1	D	0.50		0.50		1.50	Loose yellow brown and buff silty SAND with a little limestone gravel and traces of flat limestone cobbles. (SD)														
			2	D	1.10																			
15/07			3	D	2.00		2.00			END OF TRIAL PIT AT IMPENETRABLE LIMESTONE BASE.														

Scale As Shown

Disturbed Samples: W Water Sample; D Small Bag; B Large Bag; T Tin; J Jar

Undisturbed Samples: U100 105mm diameter; U38 38mm diameter

Groundwater: ▼ Struck ▽ Rose to

Symbols: PT Penetration Tests; M Macintosh Probe Blow Count; P Probe CBR

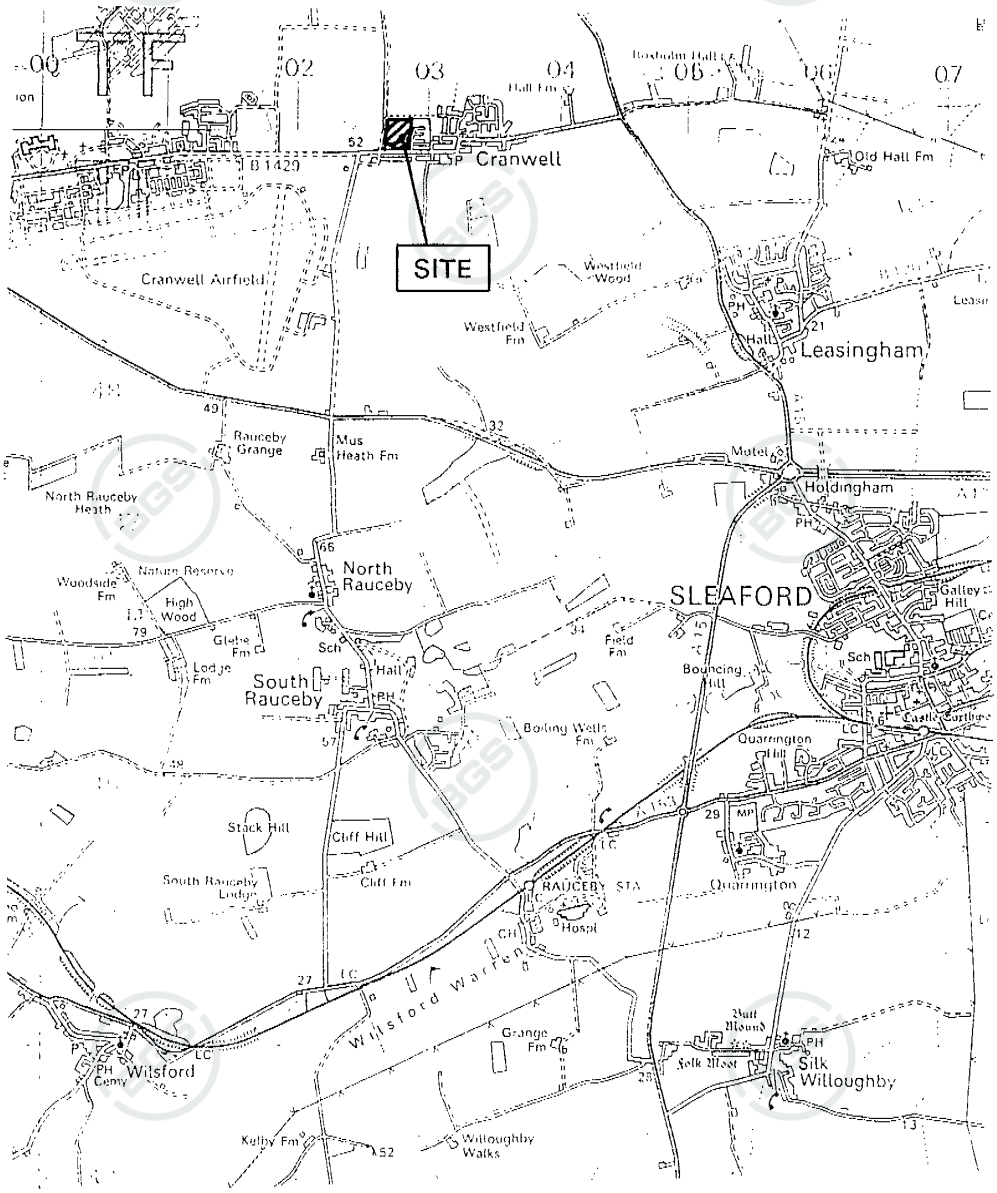
Type of Shear Test: V Shear vane; SB Shear Box; TX Triaxial (undrained); Cu Undrained Cohesive Strength; Øu Internal Friction Angle

Notes: Geology : Refer to appendix at end of logs.

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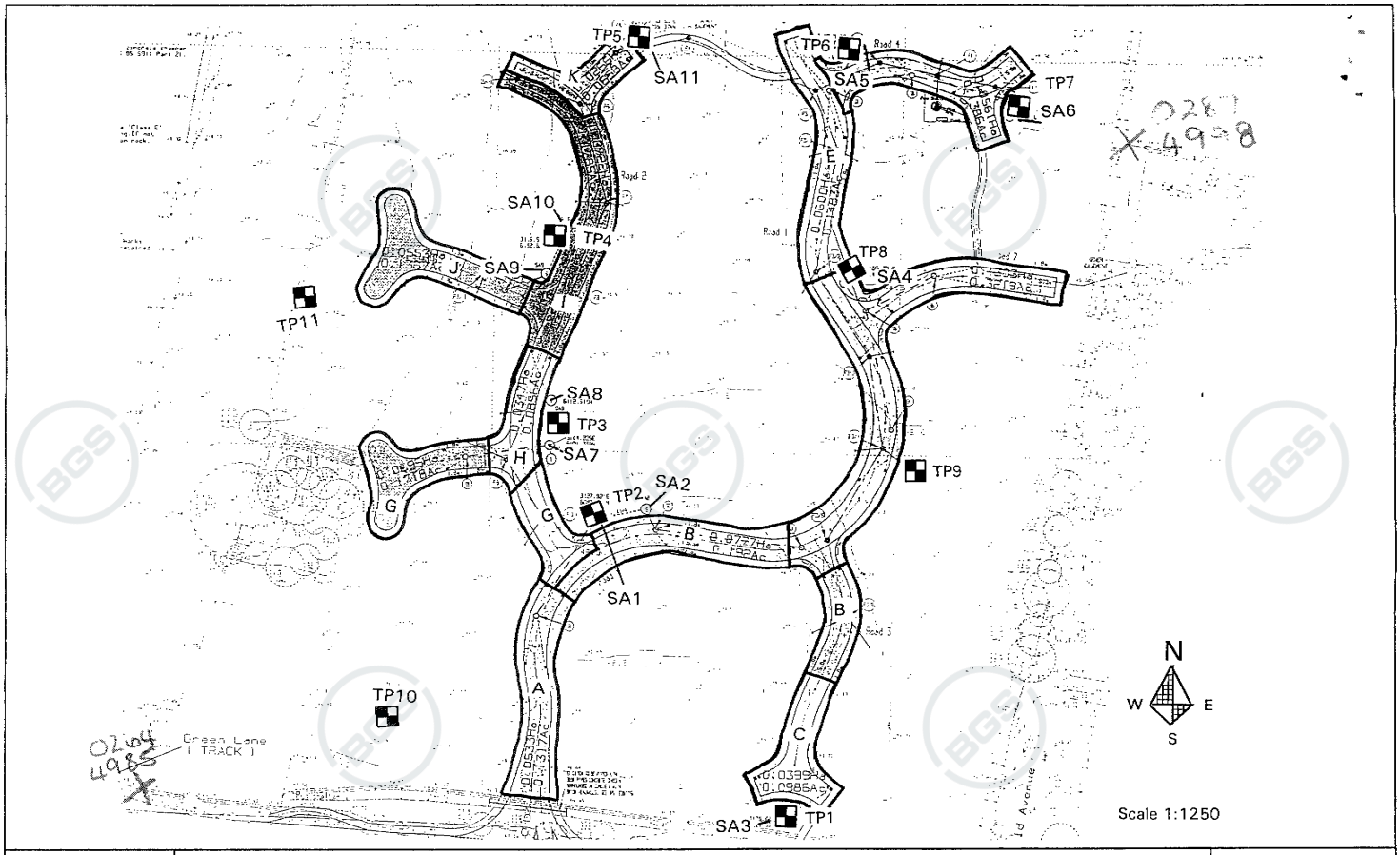
Contact BGS: ngdc@bgs.ac.uk

TF04NW 86-94
TF05SW 19-20



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July 1998	College Road, Cranwell	LINCS LAB
Dwg 1	Site Location Plan	Tel 01522 530355



July 1998	COLLEGE ROAD, CRANWELL	TF01NW 86-94 TF05SW 19-20
Dwg 2	Trial Pit Location Plan	LINCS LAB Tel 01522 530355

ANNEX E
SITE RECONNAISSANCE NOTES AND PHOTOGRAPHS

Basic Details

Site Walkover Questionnaire.

	[X]
Document Library Link -	How to use this app: Site Walkover App QuickStart Guide.
Document Library Link -	Click here to view / download TP202

Date	07/07/2026
Project Number search	323777
Project Name	Windsock Solar Farm
Project No.	323777
Site Name	Windsock Solar Farm
Client	BLC Energy
Office	Helsby
GPS Location	53° 3' 0.225" N 0° 29' 57.022" W
Site Engineer	[redacted]
Accompanied by	
Site Engineer Arrival Time	07/07/2026, 14:33
Site Engineer Departure Time	08/07/2026, 11:30
Other RSK Staff On Site	
Weather Conditions	[ ] Heavy Rain [ ] Rain [ ] Drizzle [ ] Overcast [ ] Cloudy [ ] Sunny Spells [X] Sunny [ ] Fog [ ] Snow [ ] Thunder [ ] Hail
Any Other Details	
Due Diligence report?	(X) No ( ) Yes

A. Current Site Use

Question	QuickAnswer		Further Details
A1. What are the main land uses on site?	[ ] Houses with gardens [ ] Apartments [ ] Public open space [ ] Healthcare [ ] Education [ ] Commercial [ ] Industrial [ ] Retail	[ ] Petroleum [ ] Vacant / Derelict [X] Arable (Agricultural) [X] Pasture (Agricultural) [ ] Undeveloped / greenfield [ ] Under development [ ] Other	Fields 1-2 are planted with a root vegetable crop. Fields 3-4 and 7-8 are planted with a grain crop. Fields 5-6 are utilised for pig farming.
A2. What are the current land uses NORTH of the site?	[X] Houses with gardens [ ] Apartments [ ] Public open space [ ] Healthcare [ ] Education [ ] Commercial [ ] Industrial [ ] Retail	[ ] Petroleum [ ] Vacant / Derelict [X] Arable (Agricultural) [ ] Pasture (Agricultural) [ ] Undeveloped / greenfield [ ] Under development [ ] Other	Arable agricultural land with occasional farm dwellings and agricultural buildings. Village of Brauncewell lies immediately north of Field 3.
A3. What are the current land uses EAST of the site?	[X] Houses with gardens [ ] Apartments [ ] Public open space [ ] Healthcare [ ] Education [ ] Commercial [X] Industrial [ ] Retail	[ ] Petroleum [ ] Vacant / Derelict [X] Arable (Agricultural) [X] Pasture (Agricultural) [ ] Undeveloped / greenfield [ ] Under development [ ] Other	Arable agricultural land with occasional farm dwellings. Brauncewell Quarry lies c. 500m to the north east.
A4. What are the current land uses SOUTH of the site?	[X] Houses with gardens [ ] Apartments [ ] Public open space [ ] Healthcare [ ] Education [ ] Commercial [X] Industrial [ ] Retail	[ ] Petroleum [ ] Vacant / Derelict [X] Arable (Agricultural) [X] Pasture (Agricultural) [ ] Undeveloped / greenfield [ ] Under development [ ] Other	RAF Cranwell, associated MOD housing and airfield. Village of Cranwell Village lies immediately south-east. Arable and pasture agricultural uses in wider area.

A5. What are the current land uses WEST of the site?	[X] Houses with gardens [ ] Apartments [ ] Public open space [ ] Healthcare [ ] Education [ ] Commercial [ ] Industrial [ ] Retail	[ ] Petroleum [ ] Vacant / Derelict [X] Arable (Agricultural) [X] Pasture (Agricultural) [ ] Undeveloped / greenfield [ ] Under development [ ] Other	Arable agricultural land with occasional farm dwellings and buildings.

A6. Current Site Activities	Agricultural farming, predominantly arable (fuel, oils, fertiliser, pesticides, chemicals) and pig farming in the north-east (animal waste, sludge, chemicals, fuel, oils).
A7. Current Site Activities - Adjacent Sites	RAF Cranwell to the general south (fuel, chemicals, PFAS, ammunition), airfield to the immediate central south, widespread arable and occasional pasture fields.
A8. Site Boundaries	Site boundaries typically comprise hedgerows, shrubs, mature trees, stone walls or small fencelines. Some boundaries are undefined. Some boundaries follow footpaths, tracks or roads.

B. Access Constraints

B1. General Access Constraints?	(X) No ( ) Yes

Question	QuickAnswer		Further Details	POI No (If applicable)
B4. Are there any access constraints for the SI phase?	[ ] No Access Constraints [X] Gates / Fences [X] Overhead Power Lines [ ] Unsafe Ground [ ] Soft Ground	[ ] Surface Water [ ] Protected Trees / Hedges [ ] Listed Buildings [X] Other	Few fences or hedges which could impact access. Overhead power lines on the northern boundary, along Long Lane. General access constraints associated with adjacent restricted MOD land and biosecurity constraints associated with the pig farm.	

C. Physical Characteristics

Question	QuickAnswer		Further Details	POI No (If applicable)
C1. Is the Site level?	( ) -- (X) Yes	( ) No	Site is broadly level, with some minor rolling undulations across the site. Undulations most prominent in Field 1/2 in the north-west. Approximately 48-65m AOD across the site. Rolling dipped topographical features noted trending SW-NE in several locations across the site.	

C2. Is there any evidence of subsidence, landslip or slope erosion?	( ) -- ( ) Yes	(X) No
C3. Are there any changes in level between the site and adjacent sites?	( ) -- ( ) Yes	(X) No

---

Enter percentage of site coverage by buildings / roads / hardstanding etc. (Soft cover is automatically calculated)

C4. Percentage Hard Cover	2
C5. Percentage Soft Cover	98
C6. Cover Details	Agricultural farmland, dirt tracks and rare hardstanding.

D. Environmental Characteristics

Question	QuickAnswer		Further Details	POI No (If applicable)
D1. Is there any vegetation on site?	[X] Trees [X] Shrubs [X] Hedges	[ ] Grasses [ ] Other	Trees, shrubs and hedges common along the site/field boundaries. Several small areas of mixed woodland on the site boundary (Reeve's Plantation, Lord Bristol's Plantation and Sandpit Plantation)	
D2. Evidence of Vegetation Stress				

Question	QuickAnswer		Further Details	POI No (If applicable)
D3. Is there any evidence of invasive species being present on site?	[ ] N/A [X] No Invasive Species Observed [ ] Japanese Knotweed	[ ] Giant Hogweed [ ] Himalayan Balsam [ ] Other		
D4. Is there any evidence of invasive species being present on adjacent sites (within 10m of site boundary?)	[ ] N/A [X] No Invasive Species Observed [ ] Japanese Knotweed	[ ] Giant Hogweed [ ] Himalayan Balsam [ ] Other		

D5. Site visit in dormancy period?	( ) Yes (X) No

Question	QuickAnswer		Further Details	POI No (If applicable)
D6. Are there any surface water features on site?	( ) -- (X) Yes	( ) No	Pond on south-west boundary of Field 8, with associated possible pump infrastructure.	
D7. Are there any surface water features within 250m off site?	( ) -- (X) Yes	( ) No	Sewage works ~200m west from Field 8.	

Question	QuickAnswer		Further Details	POI No (If applicable)
D8. Visual evidence of contamination of surface waters	[ ] N/A [ ] No Evidence of Contamination [X] Discoloured Water [ ] Cloudy Water [ ] Oily Sheen	[ ] Solid Matter [ ] Leachate Ingress [ ] Discoloured Sediment [ ] Gas Bubbles [ ] Other	Pond was mostly covered by green algae.	

Drainage could be to ground, surface water sewer, foul sewer, watercourse, SuDS etc.
Include visual observations and any anecdotal information from site representatives. Obtain or consult copies of drainage plans where possible.

D9. Where does the site drain to?	Free drain to surface and via agricultural land drains
D10. Site Drainage Information	No.
D11. Site Outfall Information	No.
D12. Site Waterlogging or Flooding	No.

E. Structures and Services

Question	QuickAnswer		Further Details	POI No (If applicable)
E1. Are there any buildings on site?	( ) -- (X) Yes	( ) No	Few containers located in south-east of Field 6, associated with the pig farm. Throughout Field 5/6, many small structures housing pigs and for agricultural storage.	

Question	QuickAnswer		Further Details	POI No (If applicable)
E2. Any evidence of gas protection measures in buildings?	( ) -- ( ) Yes	(X) No		

Question	QuickAnswer		Further Details	POI No (If applicable)
E3. Are there any buried services present?	( ) -- ( ) Yes	(X) No	No evidence from walkover.	
E4. Are there any overhead services present on or adjacent to site?	( ) -- (X) Yes	( ) No	Overhead power lines along the northern boundary, along Long Lane.	

Question	QuickAnswer		Further Details	POI No (If applicable)
E5. Are there any underground structures present on or adjacent to site?	( ) -- ( ) Yes	(X) No		

E6. Phone Signal	Strong Signal, Over Entire Site
E7. Cellular Providers Tested	O2, Vodafone
E8. Data Connectivity	Good 4G or 5G

F. Geotechnical Considerations

Question	Quick Answer	Further Details	Notes	POI No (If applicable)

F2. Is there any evidence of damage to existing building structures on site?	( ) -- (X) No ( ) Yes		Describe details including cracks. Note this not intended to be a structural survey.	
F3. Are there any remains of building structures present on or adjacent to site?	( ) -- (X) No ( ) Yes		Describe details including size and condition. Note this not intended to be a structural survey.	
F4. Are there any retaining walls present on or adjacent to site?	( ) -- (X) No ( ) Yes		Describe details including size and condition. Note this not intended to be a structural survey.	
F5. Are there any abrupt changes in ground level present on or adjacent to site?	( ) -- (X) No ( ) Yes		May indicate cut/ fill, previous mining/ quarrying. Include any hummocky ground, surface hollows.	
F6. Are there any potentially unstable slopes/ exposed ground present on or adjacent to site?	( ) -- (X) No ( ) Yes		Describe slopes including any materials exposed at surface.	
F7. Are there any mature trees on site?	( ) -- ( ) No (X) Yes	Predominantly on site boundaries of Field 1, Field 2 and Field 6-7.	Include details of any leaning trees, clay shrinkage, exposed roots, any TPO signs etc.	
F8. Is there any visual evidence of infilled basements on site?	( ) -- (X) No ( ) Yes		Add Details	

G. Potential Evidence for Contamination

Question	Quick Answer	Further Details	Notes
G1. Is there any potentially hazardous materials storage and use on site?	( ) -- ( ) No (X) Yes	Old fuel tank stored on eastern boundary of Field 2/western boundary of Field 4. Pig farm waste (straw bedding, possible excrement) was stored on the western boundary of Field 5. Other hazardous material usage possible throughout the pig farm (Field 5/6). Hoppers and containers associated with the pig farm in the south-east of Field 6.	Describe details of substances, container type (drums, IBCs, tanks – USTs, ASTs etc.), condition, associated pipework, bunding etc. Note this is not intended to be a full environmental compliance audit.

G2. Is there any waste storage on site?	( ) -- ( ) No (X) Yes	Animal muck stored hardstanding on the eastern boundary of Field 2/western boundary of Field 4. Pig farm waste (straw bedding, pig muck etc) was stored on the western boundary of Field 5 and likely elsewhere in the pig farm.	Describe details including waste material stored, container type (drums, skips etc.), condition, bunding etc. Note this is not intended to be a full environmental compliance audit.
G3. Is there any fly tipping / litter on site?	( ) -- (X) No ( ) Yes		Describe details. Note this is not intended to be a full environmental compliance audit.
G4. Are there any electricity sub stations/ transformers on or near site?	( ) -- (X) No ( ) Yes		Describe details including ownership and any evidence for oil leakage. Note this is not intended to be a full environmental compliance audit.

Question	Suspected ACM in		Further Details	POI No (If applicable)
G5. Is there any evidence for ACM on site?	[X] None Observed [ ] Buildings [ ] Fly Tipped	[ ] Discrete Materials [ ] Free Fibres [ ] Other		

Question	QuickAnswer		Further Details	POI No (If applicable)
G6. Is there any visual evidence of potential contamination on site?	[X] None Observed [ ] Leaks / Spills [ ] Soil Staining [ ] Leachate	[ ] Blocked / Overflowing Drains [ ] Vegetation Stress [ ] Other		
G7. Is there any visual evidence of potential contamination on adjacent sites?	[X] None Observed [ ] Leaks / Spills [ ] Soil Staining [ ] Leachate	[ ] Blocked / Overflowing Drains [ ] Vegetation Stress [ ] Other		

H. Pictures

Photos

61 records

PicNo	Select Feature	Description	Direction Taken	
1	OTHER	Field labelling map	N	
2	1a. Main land use(s)	Field 2: root vegetable crop	NW	

3	2a. Access constraints - general.	Access road to Field 2 to the south from Long Lane	N	
4	3a. Site Topography	Field 2 slightly rolling topography falling orientated SW/NE.	W	
5	1a. Main land use(s)	Field 2 at 61m AOD.	NW	

6	1d. Site boundaries.	Southern boundary of Field 2, adjacent to MOD housing, farm track leading to Field 1 with mixed woodland.	SW	
7	1c. Adjacent land use(s)	Lord Bristol Plantation, mixed woodland, south of Field 1/2.	SE	
8	1a. Main land use(s)	Field 1/2 boundary.	N	

9	1a. Main land use(s)	Field 1, root vegetable crop planted.	W	
10	3a. Site Topography	Field 1, topography dipping northward to woodland, approx range 62m to 57m AOD.	N	
11	1d. Site boundaries.	Field1, south-west boundary with Plantation Road/Saddle Row (road). Pasture fields beyond with horse jumping areas.	SW	

12	1d. Site boundaries.	Field 1, western boundary with Reeve's Plantation (mixed woodland)	N	
13	3a. Site Topography	Field 1, north-west corner, dipping topography from 65m AOD (SW corner) to 55m AOD (NW corner)	N	
14	1a. Main land use(s)	Field 1 northern boundary with thin strip of Reeve's Plantation (mixed woodland), northern boundary approx 50m AOD.	E	

15	3a. Site Topography	Field 2 looking through its centre from western boundary; rolling topography feature orientated SW-NE.	NE	
16	1c. Adjacent land use(s)	Grain field immediately west of Field 2. Similar rolling undulations in topography noted.	W	
17	1d. Site boundaries.	Field 2 north-west boundary with adjacent grain field; marked by hedgerow and small wall	NW	

18	1a. Main land use(s)	Field 2 northern area, ~63m AOD.	E	
19	5c. Buried and overhead services	Field 2, northern boundary along Long Lane with overhead power line.	E	
20	1d. Site boundaries.	Field 3 western boundary with shrubs.	S	

21	2a. Access constraints - general.	Access track from Long Lane, between Field 2 and Field 3/4.	S	
22	1a. Main land use(s)	Field 3 overview, grain crop	SE	
23	3a. Site Topography	Field 3/4 boundary, similar dipping topography orientated SW-NE	SE	

24	1d. Site boundaries.	Field 3, northern boundary along Long Lane with power line and shrubs.	E	
25	1a. Main land use(s)	Field 3 overview, wooded area around Brauncewell village to the north of Field 3.	E	
26	1a. Main land use(s)	Field 3 northern boundary looking to Field 4.	SW	

27	3a. Site Topography	Field 3/4 boundary, rolling dip SW-NE, 47m AOD at low point along the western field boundaries.	E	
28	1a. Main land use(s)	Field 4 overview, grain crop.	SE	
29	1d. Site boundaries.	Field 4 southern boundary with MOD housing.	SE	

30	7a. Potentially hazardous materials storage and use	Old fuel tank at agricultural storage area, east boundary of Field 2/west boundary of Field 3/4.	NW	
31	7b. Waste storage	Agricultural storage area east of Field 2/west of Field 3/4. Limited hardstanding and animal muck storage (adjacent to old fuel tank)	N	
32	1a. Main land use(s)	Field 8, grain crop	NW	

33	1c. Adjacent land use(s)	Field 8 south-east corner, MOD 'flight safety aid tower'	N	
34	1c. Adjacent land use(s)	Public bridleway along the length of Field 7/8 eastern boundary, occasional trees, shrubs and hedgerow.	N	
35	3a. Site Topography	Field 8 pretty level topography, approx 50m AOD.	W	

36	1c. Adjacent land use(s)	Field to the east of Field 8	E	
37	3a. Site Topography	Northern Field 8, minor dip in topography orientated SW-NE.	NW	
38	1a. Main land use(s)	Field 7, grain crop with level topography approx 50m AOD.	NW	

39	1a. Main land use(s)	Field 7, evidence of former pig farming or other agricultural activities in the south-west of Field 7, as shown in satellite imagery.	W	
40	4a. Vegetation on site	Shrubs and trees along boundary of Field 7/8.	W	
41	1a. Main land use(s)	Central south of Field 7, small area of different crop planted.	NW	

42	1a. Main land use(s)	Northern area of Field 8, flat with minor dip through its centre (SW-NE orientated).	SW	
43	1c. Adjacent land use(s)	MOD airfield to the west of Field 8 and south of Field 5	W	
44	1c. Adjacent land use(s)	Sandpit Plantation, mixed woodland, west of Field 7 and east of Field 6, with signage indicating a designated 'wildlife protection area'	N	

45	1a. Main land use(s)	South-east corner of Field 6, pig farm storage area with containers, hoppers, trailers and car parking.	E	
46	1a. Main land use(s)	Field 6, south-east area of the pig farm, housing adult pigs.	N	
47	1a. Main land use(s)	Field 5 from central southern boundary, many small shelters, possibly associated with sows and piglet rearing.	N	

48	1b. Current site activities.	Field 5 south-west corner, muck/waste stockpiles and sheds along western boundary.	N	
49	1a. Main land use(s)	Field 4 overview, from south-east corner.	W	
50	1b. Current site activities.	Boundary between Field 4 and 5, grain crop in Field 4 and pig farming n Field 5. Muck/waste stored along boundary.	N	

51	1b. Current site activities.	Field 5/6 boundary.	N	
52	1b. Current site activities.	Field 6, pig farming with access track along its eastern boundary linking to Long Lane.	NE	
53	1a. Main land use(s)	Field 8 north-west corner.	S	

54	1d. Site boundaries.	Field 8 north-west corner, track along boundary (north to south) leading to Cranwell Avenue (B1429).	S	
55	4d. Surface waters on site	Green algae in pond, on the central western boundary of Field 8.	N	
56	1b. Current site activities.	Possible pump station/hydrant infrastructure adjacent to green algae pond, central western boundary of Field 8.	N	

57	3a. Site Topography	Field 8, gentle dip through its centre	NW	
58	1c. Adjacent land use(s)	Sewage works west of Field 8, overgrown.	W	
59	1c. Adjacent land use(s)	Wooded area around sewage works west of Field 8, overgrown.	NW	

60	1a. Main land use(s)	Field 8, southern boundary along Cranwell Avenue (B1429)	E	
61	1c. Adjacent land use(s)	Ambulance station and scout camp, immediately south-west of Field 8.	NW	

I. Other Observations & Sketches

Include Sketches [ ]

1 record

Notes / Observations

Sign-Off

RSK Representative

[redacted]

RSK Representative Signature



ANNEX F
TECHNICAL BACKGROUND

Desk Study

Aquifer designation and Source protection zones (England and Wales)

Principal aquifer: layers of rock or drift deposit that have high intergranular and/or fracture permeability (usually providing a high level of water storage). They may support water supply and/or river base flow on a strategic scale.

Secondary A aquifer: permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.

Secondary B aquifer: predominantly lower permeability layers that may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering.

Secondary undifferentiated aquifer: it has not been possible to attribute either a category A or B to a rock type. In most cases this means that it was previously designated as both a minor and non-aquifer in different locations owing to the variable characteristics.

Unproductive strata: low permeability with negligible significance for water supply or river base flow.

The EA generally adopts a three-fold classification of source protection zones (SPZ) surround abstractions for public water supply. The Site is situated in an area defined as follows:

- Zone 1 or the ‘inner protection zone’ is located immediately adjacent to the groundwater source and is based on a 50-day travel time from any point below the water table to the source. It is designed to protect against the effects of human activity and biological/chemical contaminants that may have an immediate effect on the source
- Zone 2 or the ‘outer protection zone’ is defined by a 400-day travel time from a point below the water table to the source. The travel time is designed to provide delay and attenuation of slowly degrading pollutants
- Zone 3 or the ‘total catchment’ is the area around the source within which all groundwater recharge is presumed to be discharged at the source.

Future climate change considerations

Several data sources, based on UKCP18 data, are available with which climate change projections can be viewed. These are detailed in the following table. In order

to enable a consistent approach in RSK's risk assessment we have based the initial assessment on data available for RCP8.5 data for the far future (2080s) for an initial conservative risk screen.

Climate change induced effect	Source	Notes	Comment
Temperature	https://uk-cri.org	RCP 8.5 average temperature maps for far future (2071-2100), UKCP18 Regional, median, 12 x 12 km spatial resolution	Anticipated to be conservative. It has been assumed that a change of +/- 5% is unlikely to have a significant impact
Rainfall/ recharge	https://uk-cri.org	RCP 8.5 annual rainfall for far future (2017-2100), UKCP18 Regional, median, 12 x 12 km or Local Authority spatial resolution	Anticipated to be conservative. It is anticipated that a change of +/- 5% is unlikely to have a significant impact for all sites. If a site is located in an urban area away from sensitive dependent receptors then a change of +/- 10% is unlikely to have a significant impact.
Flood risk maps for England/ Wales/ Scotland	https://check-long-term-flood-risk.service.gov.uk/risk (England), https://flood-map-for-planning.naturalresources.wales (Wales), https://map.sepa.org.uk/floodmaps/FloodRisk/FutureFloodMaps (Scotland)	Future flood maps are only available for England and Scotland.	Identify areas likely to be affected or at an increased risk from future flooding
Coastal erosion	https://www.gov.uk/check-coastal-erosion-management-in-your-area (England)		Predicted coastal erosion rates. Includes for potential future scenarios to show how erosion may increase with rising sea levels because of climate

Climate change induced effect	Source	Notes	Comment
			change based on UKCP18 projections for a high missions scenario.
Shrink and swell potential	BGS GeoIndex layer for GeoClimate UKCP18	GeoClimate UKCP18 (2030 to 2070)	Impossible, possible or probable that foundations will be affected by increased clay-shrink-swell

Preliminary risk assessment methodology

LCRM outlines the framework to be followed for risk assessment in the UK. The framework is designed to be consistent with UK legislation and policies including planning. An outline conceptual model should be formed at the preliminary risk assessment stage that collates all the existing information pertaining to a site in text, tabular or diagrammatic form. The outline conceptual model identifies potentially complete (termed possible) contaminant linkages (contaminant–pathway–receptor) and is used as the basis for the design of the site investigation. The outline conceptual model is updated as further information becomes available, for example as a result of the site investigation.

Production of a conceptual model requires an assessment of risk to be made. Risk is a combination of the likelihood of an event occurring and the magnitude of its consequences. Therefore, both the likelihood and the consequences of an event must be taken into account when assessing risk. RSK has adopted guidance provided in CIRIA C552 for use in the production of conceptual models.

The likelihood of an event can be classified on a four-point system using the following terms and definitions based on CIRIA C552:

- highly likely: the event appears very likely in the short term and almost inevitable over the long term or there is evidence at the receptor of harm or pollution
- likely: it is probable that an event will occur or circumstances are such that the event is not inevitable, but possible in the short term and likely over the long term
- low likelihood: circumstances are possible under which an event could occur, but it is not certain even in the long term that an event would occur and it is less likely in the short term
- unlikely: circumstances are such that it is improbable the event would occur even in the long term.

RSK also adopt a 'very unlikely' probability to account for where there may be increased certainty over whether an event is probable in the long term.

The severity can be classified using a similar system also based on CIRIA C552. The terms and definitions relating to severity are:

- severe: short term (acute) risk to human health likely to result in 'significant harm' as defined by the Environment Protection Act 1990, Part IIA. Short-term risk of pollution of sensitive water resources. Catastrophic damage to buildings or property. Short-term risk to an ecosystem or organism forming part of that ecosystem (note definition of ecosystem in 'Draft Circular on Contaminated Land', DETR 2000)
- medium: chronic damage to human health ('significant harm' as defined in 'Draft Circular on Contaminated Land', DETR 2000), pollution of sensitive water resources, significant change in an ecosystem or organism forming part of that ecosystem
- mild: pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services ('significant harm' as defined in 'Draft Circular on Contaminated Land', DETR 2000). Damage to sensitive buildings, structures or the environment
- minor: harm, not necessarily significant, but that could result in financial loss or expenditure to resolve. Non-permanent human health effects easily prevented by use of personal protective clothing. Easily repairable damage to buildings, structures and services.

Once the probability of an event occurring and its consequences have been classified, a risk category can be assigned according to the following:

		Consequences			
		Severe	**Medium**	**Mild**	**Minor**
Probability	**Highly likely**	Very high	High	Moderate	Moderate/low
	Likely	High	Moderate	Moderate/low	Low
	Low likelihood	Moderate	Moderate/low	Low	Very low
	Unlikely	Moderate/low	Low	Very low	Very low
	Very Unlikely	Low	Very Low	Negligible	Negligible

Definitions of these risk categories are as follows together with an assessment of the further work that may be required:

- very high: there is a high probability that severe harm could occur or there is evidence that severe harm is currently happening. This risk, if realised, could result in substantial liability; urgent investigation and remediation are likely to be required

- high: harm is likely to occur. Realisation of the risk is likely to present a substantial liability. Urgent investigation is required. Remedial works may be necessary in the short term and are likely over the long term
- moderate: it is possible that harm could arise, but it is unlikely that the harm would be severe and it is more likely that the harm would be relatively mild. Investigation is normally required to clarify the risk and determine the liability. Some remedial works may be required in the longer term
- low: it is possible that harm could occur, but it is likely that if realised this harm would at worst normally be mild
- very low: there is a low possibility that harm could occur and if realised the harm is unlikely to be severe.

Appendix K

Windsock
Solar Farm

APPENDIX K
LANDSCAPE FIGURES

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Figure 3: Bare Earth ZTV for Solar PV and Substation/BESS

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Figure 5: Landscape Character

Figure 6: Visual Receptors

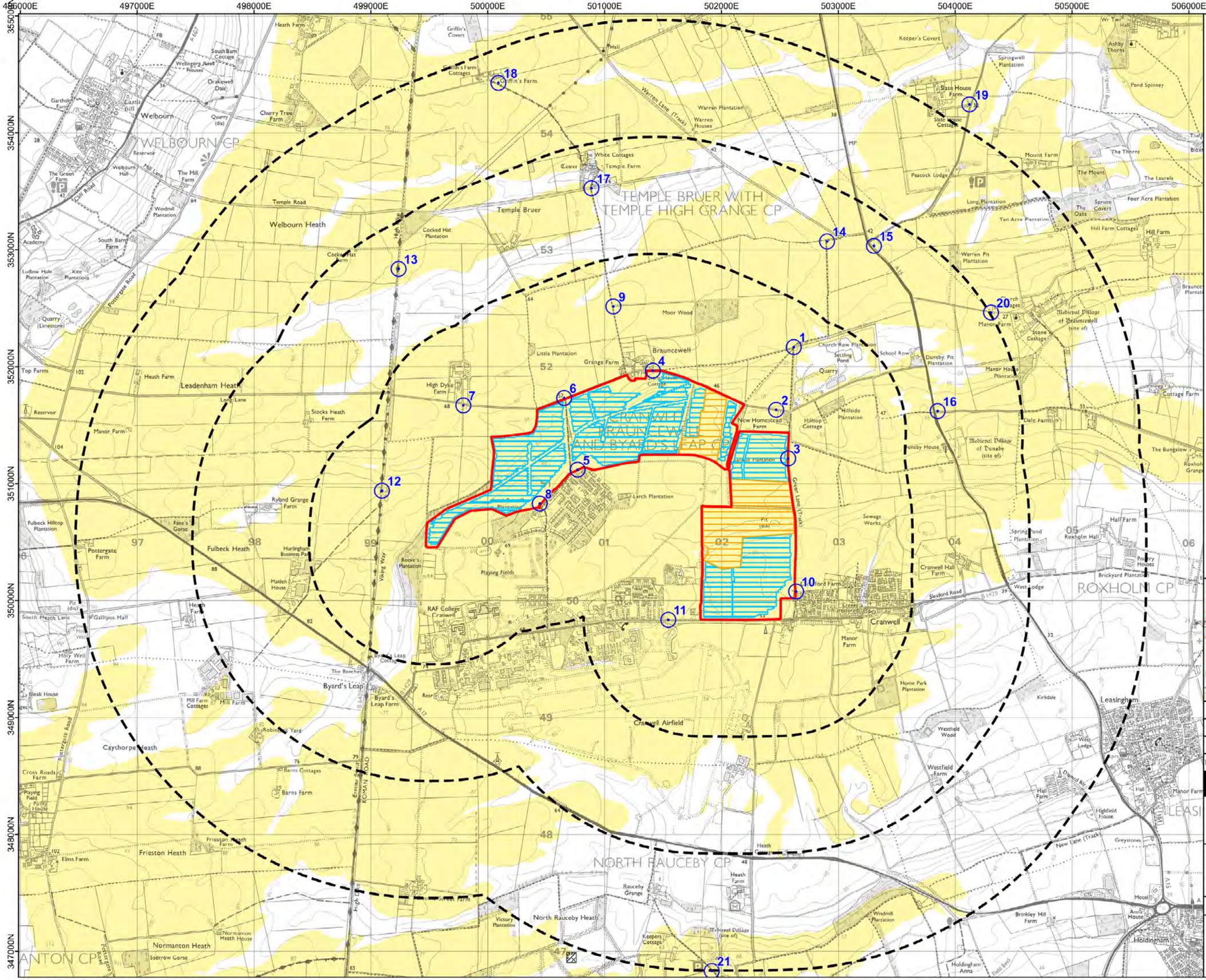


FIGURE DATA:
This figure has been based on the following data:
Layout file:D003-obvs-panels-LiDAR2m-3km.shp
Terrain data: DEFRA-LIDAR-2022-2m-DTM.asc
Viewer's eye height: 2m above ground level
Calculation grid size: 2m

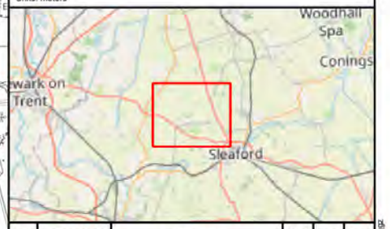
NOTES:
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking topography into account.

This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a $2m^2$ resolution.

CRS: EPSG:27700
Projection: Transverse Mercator
Ellipsoid: EPSG:7001
Units: meters



Rev	Date	Description	Drn	Chk	App
02	14/10/2026	First Issue	MP	EF	DL
01	25/09/2026	Updated Site Boundary	MP	EF	DL
00	02/09/2026	First Draft	MP	AA	AA

Windsock Solar Farm

RSK Windsock Solar Farm

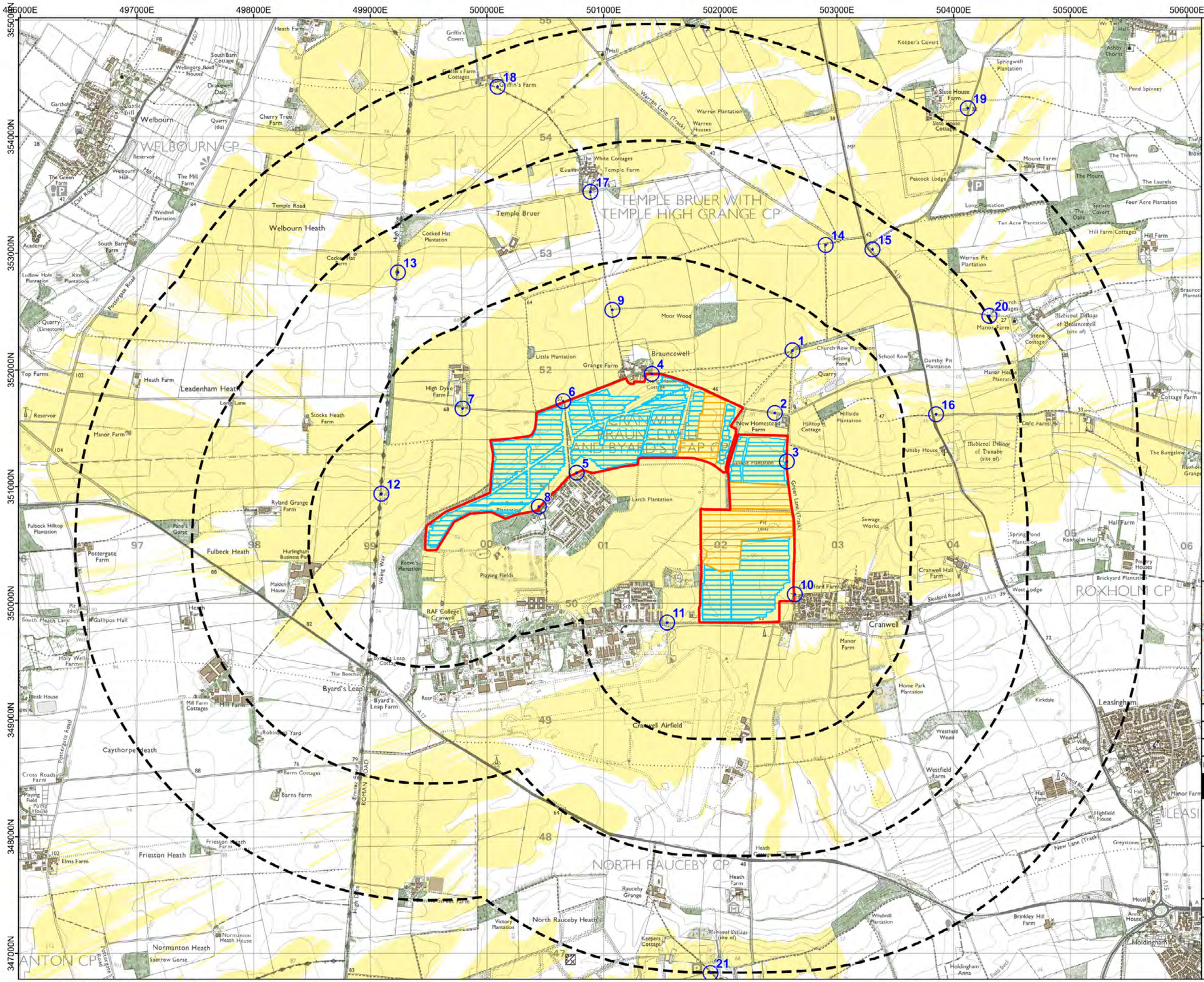
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Appendix K:
Figure 1: Bare Earth ZTV for Solar PV

ID:665151_AppK_BGSolarZTV_A3L

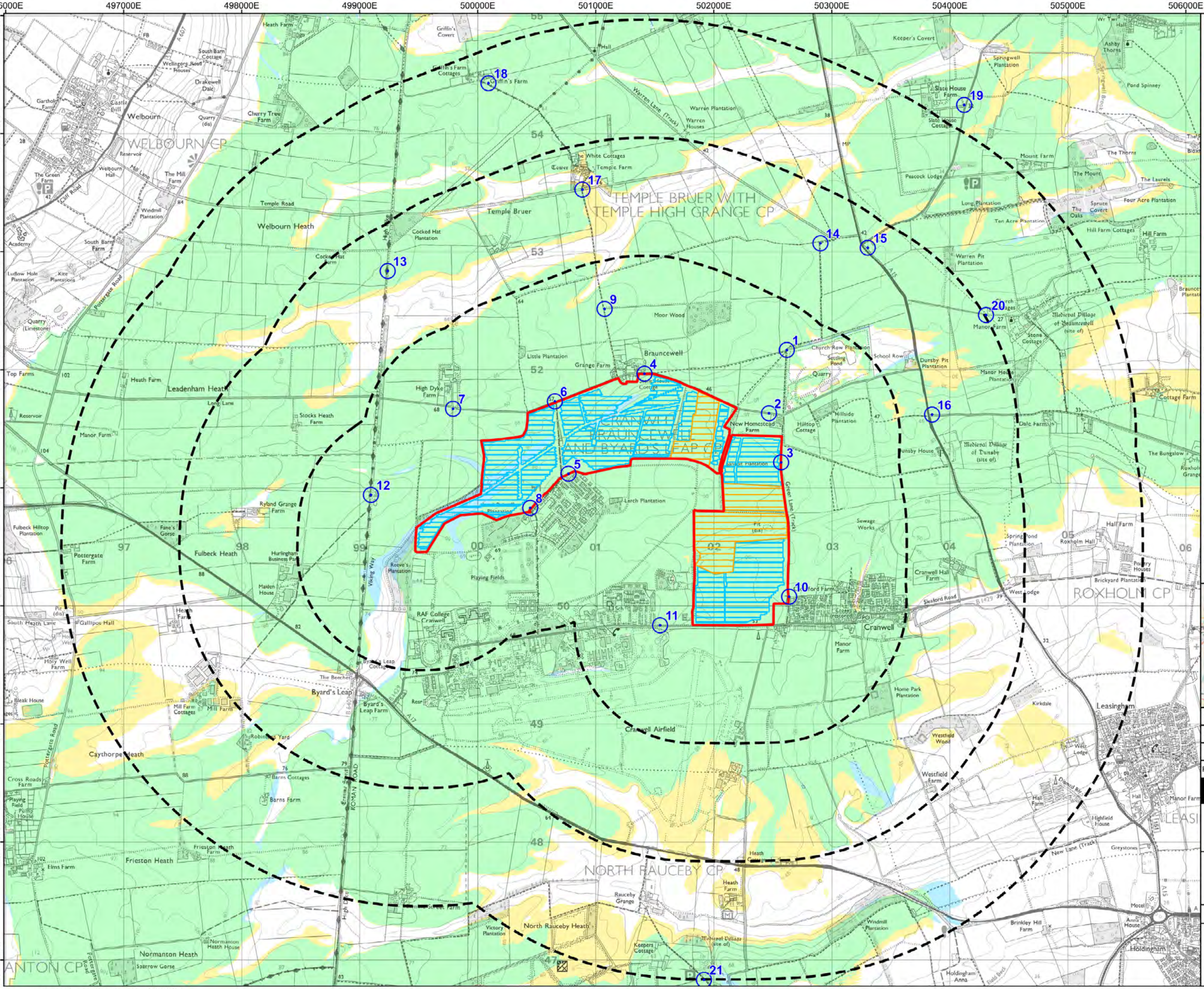
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Kilometres
Scale: 1:30000 @A3

REV 00

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Legend:

- Site boundary
- Potential area for Solar PV development
- Potential location for BESS and Substation compounds
- Distance Radii from Site (1, 2, 3km)
- Viewpoints
- Potential area for Solar PV development (3.5m high) may be visible
- Potential location for BESS and Substation compounds (12m high) may be visible
- Both may be visible

FIGURE DATA:
This figure has been based on the following data:
Layout files: D003-obvs-panels-LiDAR2m-3km.
shp; D003-obvs-BESS-Substation-LiDAR2m-3km.shp
Terrain data: DEFRA-LiDAR-2022-2m-DTM.asc
Viewer's eye height: 2m above ground level
Calculation grid size: 2m

NOTES:
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking topography into account.

This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a $2m^2$ resolution.

CRS: EPSG:27700
Projection: Transverse Mercator
Ellipsoid: EPSG:7001
Units: meters



Rev	Date	Description	Drn	Chk	App
02	14/10/2026	First Issue	MP	EF	DL
01	25/09/2026	Updated Site Boundary	MP	EF	DL
00	02/09/2026	First Draft	MP	AA	AA

Windsock Solar Farm

RSK

Windsock Solar Farm

TITLE:
Appendix K:
Figure 3: Bare Earth ZTV for Solar PV and Substation/BESS

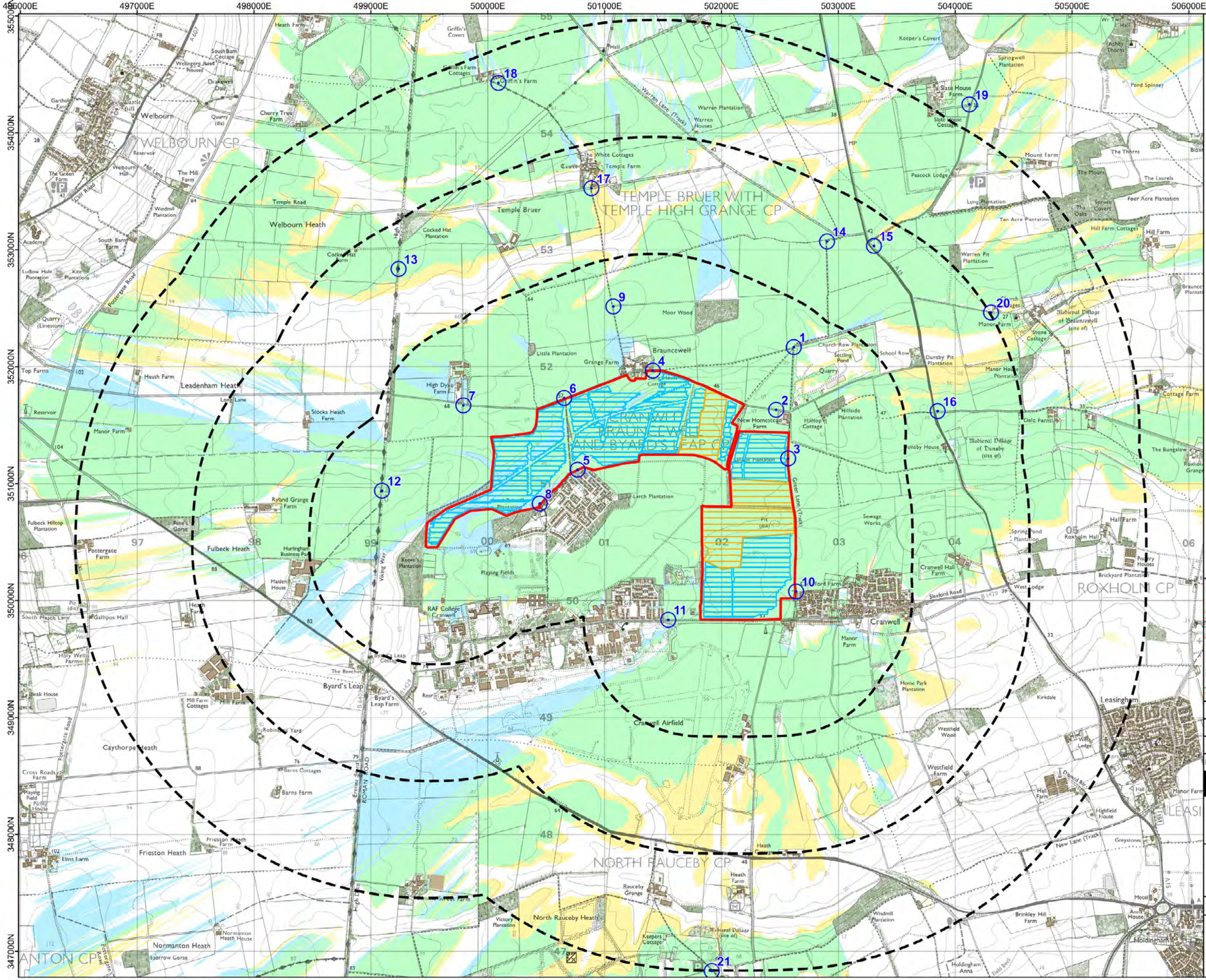
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Kilometres
Scale: 1:30000 @A3

N E S W

REV 00

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Legend:

- Site boundary
- Potential area for Solar PV development
- Potential location for BESS and Substation compounds
- Distance Radii from Site (1, 2, 3km)
- Viewpoints
- Existing Buildings
- Existing Woodland and Vegetation higher than 2.5m
- Potential area for Solar PV development (3.5m high) may be visible
- Potential location for BESS and Substation compounds (12m high) may be visible
- Both may be visible

FIGURE DATA:

This figure has been based on the following data:
Layout files: D003-obvs-panels-LiDAR2m-3km.shp; D003-obvs-BESS-Substation-LiDAR2m-3km.shp
Terrain data: DEFRA-LiDAR-2022-2m-VOM-DSM.asc
Viewer's eye height: 2m above ground level
Calculation grid size: 2m

NOTES:

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.
The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands, vegetation higher than 2.5m, and buildings.
A digital surface model (DSM) has been derived from DEFRA National LiDAR Programme 2022 2m DTM height data. Locations of buildings have been taken from the OS Open Map Local dataset. Locations of woodland and vegetation higher than 2.5m have been taken from the Environment Agency's Vegetation Object Model dataset. Heights of buildings, woodland and vegetation have been taken from DEFRA LiDAR First Return 2022 2m DSM height data.
The actual extent of visibility on the ground will be less than that suggested by this plan.
The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a derived DSM and has a $2m^2$ resolution.

CRS: EPSG:27700
Projection: Transverse Mercator
Ellipsoid: EPSG:7001
Units: meters

Rev	Date	Description	Drn	Chk	App
02	14/10/2026	First Issue	MP	EF	DL
01	25/09/2026	Updated Site Boundary	MP	EF	DL
00	02/09/2026	First Draft	MP	EF	DL

Windsock Solar Farm

RSK | Windsock Solar Farm

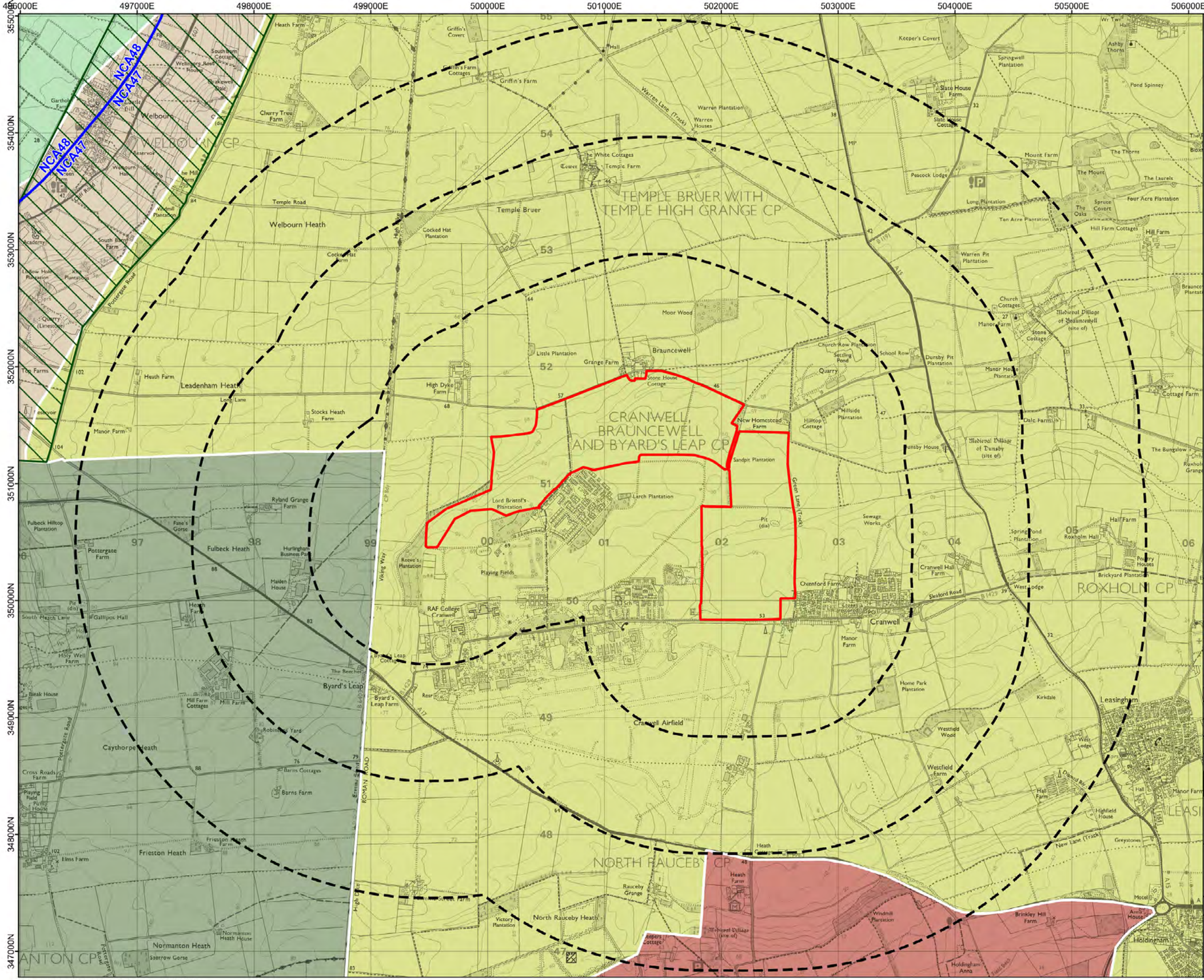
TITLE:
Appendix K:
Figure 4: Screened ZTV for Solar PV and Substation/BESS

ID:665151_AppK_ScreeningCombinedZTV_A3L

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Kilometres
Scale: 1:30000 @A3

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Rev	Date	Description	Drn	Chk	App
02	14/10/2026	First Issue	MP	EF	DL
01	25/09/2026	Updated Site Boundary	MP	EF	DL
00	28/08/2026	First Draft	MP	AA	AA

Windsock Solar Farm

RSK | Windsock Solar Farm

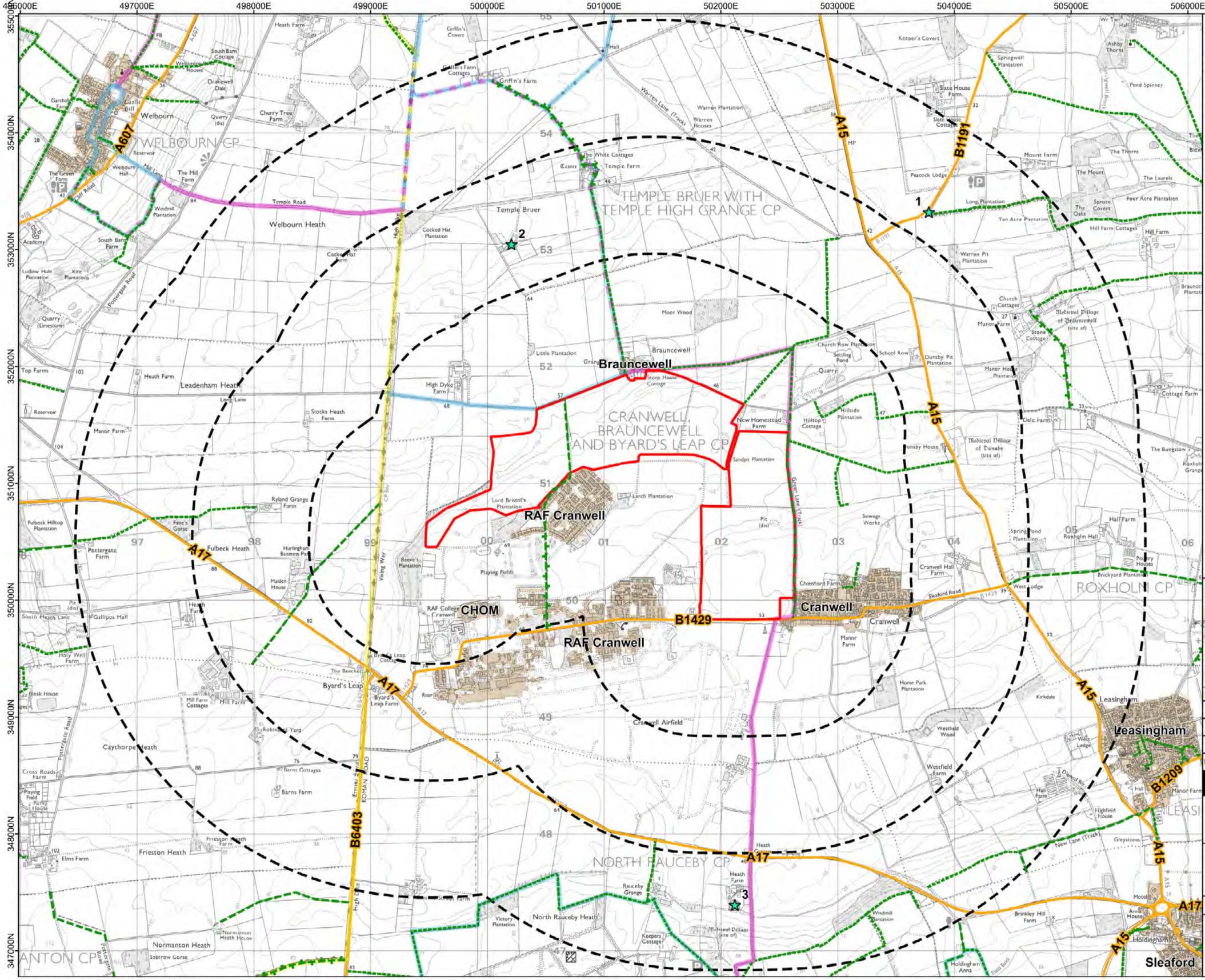
TITLE:
Appendix K:
Figure 5: Landscape Character

ID:665151_AppK_LCA_A3L

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Kilometres
Scale: 1:30000 @A3

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Appendix L

Windsock
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APPENDIX L: SOIL FIGURES

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Figure 1: Bedrock Geology

Figure 2: Superficial Geology

Figure 3: Predictive ALC

Figure 4: Soil Associations

499500E 500000E 500500E 501000E 501500E 502000E 502500E

352000N 351500N 351000N 350500N 350000N

Little Plantation
The Bungalow
High Dyke Farm
High Dyke House
Grange Farm
The Blacksmiths
Brauncewell
New Homestead Farm
Sandpit Plantation
Larch Plantation
Lord Bristol's Plantation
RAF Cranwell
Royal Air Force College Cranwell
Sewage Works
Cranwell Primary School
Beech Plantation
The Lodge
Track
Path
Mast
B1429

Legend:

Site boundary

Bedrock Geology

- Upper Lincolnshire Limestone Member - Ooid-limestone
- Lower Lincolnshire Limestone Member - Limestone
- Lower Lincolnshire Limestone Member - Lime-mudstone
- Lower Lincolnshire Limestone Member - Mudstone and limestone, interbedded

CRS: EPSG:27700
Projection: Transverse Mercator
Ellipsoid: EPSG:7001
Units: meters



Rev	Date	Description	Drn	Chk	App
02	13/10/2026	Bedrock Geology Map	EM	JR	DL

Windsock Solar Farm

TITLE:
Appendix L:
Figure 1: Bedrock Geology

ID:Figure 1 Bedrock Geology

0 0.2 0.4
Kilometres
Scale: 1:10000 @A3

REV 00

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Based upon https://geologyviewer.bgs.ac.uk/?_ga=2.257065423.518383623.1667218888-214911305.1667218888, with the permission of the British Geological Survey.

499500E 500000E 500500E 501000E 501500E 502000E 502500E

352000N 351500N 351000N 350500N 350000N

Legend:

Site boundary

Bedrock Geology

Head-Clay, silt, sand and gravel

Blown sand-Sand

CRS: EPSG:27700
Projection: Transverse Mercator
Ellipsoid: EPSG:7001
Units: meters

Rev	Date	Description	Drn	Chk	App
02	13/10/2026	Superficial Geology Map	EM	JR	DL

Windsock Solar Farm

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TITLE:
Appendix L:
Figure 2: Superficial Geology

ID:Figure 2 Superficial Geology

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Kilometres
Scale: 1:10000 @A3

REV 00

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Based upon https://geologyviewer.bgs.ac.uk/?_ga=2.257065423.518383623.1667218888-214911305.1667218888, with the permission of the British Geological Survey.

499500E 500000E 500500E 501000E 501500E 502000E 502500E

352000N 351500N 351000N 350500N 350000N

Little Plantation
Grange Farm
The Blacksmiths
Brauncewell
The Bungalow
High Dyke Farm
High Dyke House
TOBY LANE
New Homestead Farm
Sandpit Plantation
Larch Plantation
Lord Bristol's Plantation
RAF Cranwell
Royal Air Force College Cranwell
Sewage Works
Cranwell Primary School
Beech Plantation
The Lodge
Mast
Track
Path
ESS
Sch
PW

Legend:

Site boundary

Predictive ALC Grades

- 1
- 2
- 3a
- 3b
- 4
- 5
- NA
- U

CRS: EPSG:27700
Projection: Transverse Mercator
Ellipsoid: EPSG:7001
Units: meters



Rev	Date	Description	Drn	Chk	App
02	13/10/2026	Predictive ALC Map	EM	JR	DL

Windsock Solar Farm

RSK Windsock Solar Farm

TITLE: Appendix L:
Figure 3: Predictive Agricultural Land Classification

ID:Figure 3 Predictive ALC

0 0.2 0.4
Kilometres
Scale: 1:10000 @A3

N E S W

REV 00

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Based upon https://www.data.gov.uk/dataset/fb7463b9-0e37-4d68-bb70-bbf658f1c5dc/predictive-agricultural-land-classification-map-for-england, with the permission of the Defra.

499500E 500000E 500500E 501000E 501500E 502000E 502500E

352000N 351500N 351000N 350500N 350000N

ELMTON 1

MARCHAM

ASWARBY

Braucewell

Little Plantation

Grange Farm

The Blacksmiths

The Bungalow

High Dyke Farm

High Dyke House

TORC LANE

New Homestead Farm

Sandpit Plantation

Track

Path

Lord Bristol's Plantation

Larch Plantation

RAF Cranwell

Royal Air Force College Cranwell

Sewage Works

Cranwell Primary School

CRESTRAY AVENUE

SYCAMORE DRIVE

Beech Plantation

CRANWELL AVENUE

B1429

The Lodge

El Dist Sta

Mast

PW

Sch

ESS

Legend:

Site boundary

Soil Associations

MARCHAM

CRS: EPSG:27700
Projection: Transverse Mercator
Ellipsoid: EPSG:7001
Units: meters



Rev	Date	Description	Drn	Chk	App
02	13/10/2026	Soil Associations Map	EM	JR	DL

Windsock Solar Farm

RSK Windsock Solar Farm

TITLE:
Appendix L:
Figure 4: Soil Associations

ID:Figure 4 Soil Associations

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Kilometres
Scale: 1:10000 @A3

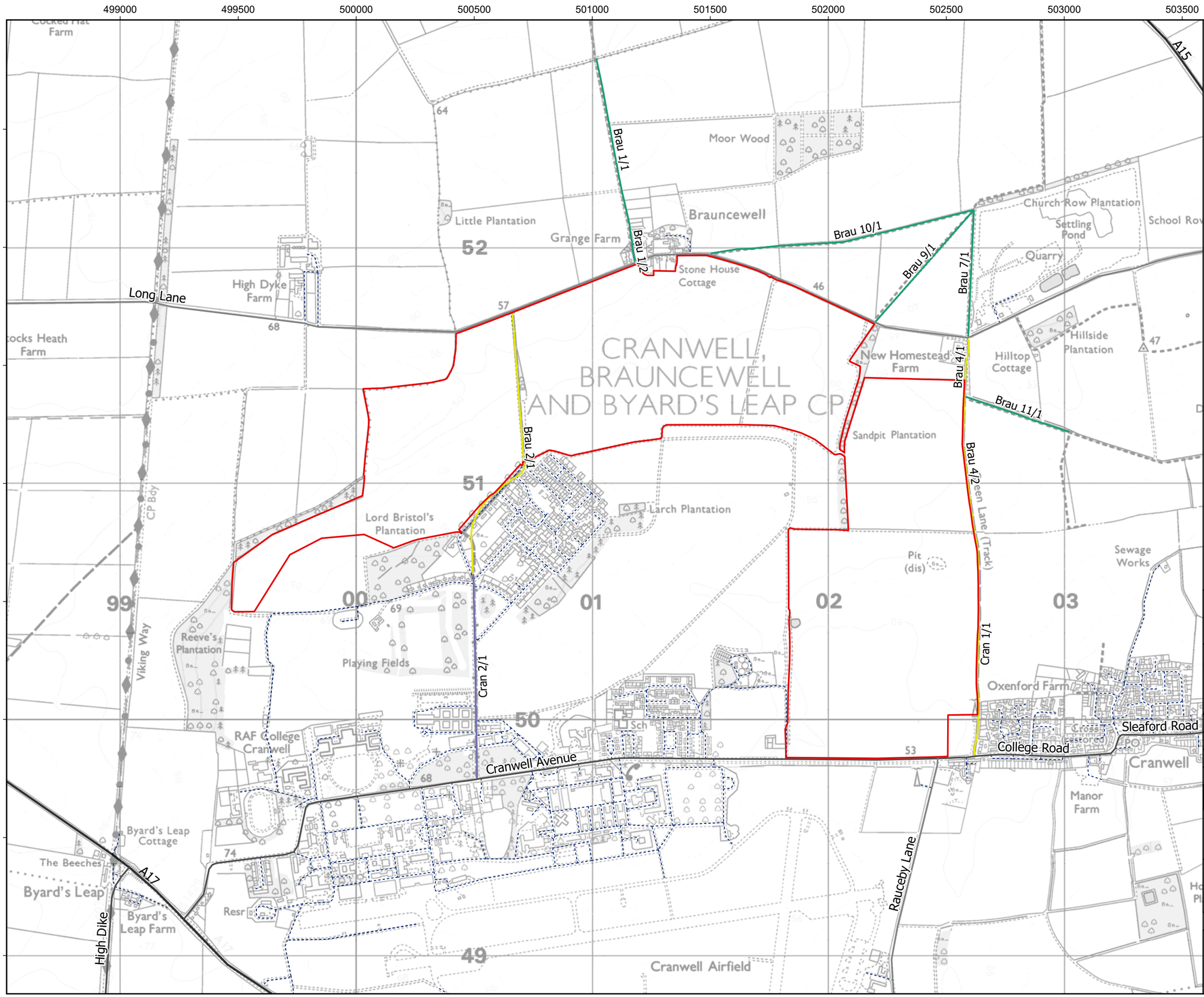
REV 00

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Appendix M

Windsock
Solar Farm

APPENDIX M:
TRANSPORT AND ACCESS FIGURE



Legend:

- Site boundary
- A Road
- B Road
- Classified Unnumbered
- Not Classified, Unclassified, & Unknown

Public Rights of Way

- Footpaths
- Public Bridleways
- Restricted Byway

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



Rev	Date	Description	Drn	Chk	App
05	13/10/2026	Updated Title	DL	DL	HH
04	09/10/2026	Updated Title	DL	DL	HH
03	08/10/2026	Additional PRoW	FA	FA	HH

Windsock Solar Farm

TITLE: Appendix M:
Figure 1: Transport links within and surrounding the Site

ID: P665151_App_M_Transport_A3L

0 0.3 0.6
Kilometres

Scale: 1:15,000 @ A3

REV 05

Path: RSK Group\RSK Environment GIS Projects - 665151 - Windsock\01GIS

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Appendix N

Windsock
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APPENDIX N: GLOSSARY AND ACRONYMS

Table 1: Glossary

Term	Definition
Abnormal Indivisible Load (AIL)	Any load which cannot be broken down into smaller loads for the purposes of transportation, without undue expense or risk of damage.
Above Ground Level (AGL)	Defines that the height of the infrastructure will be above the existing ground level of the Proposed Development.
Agricultural Land Classification (ALC)	A framework for determining the physical quality of the land at national, regional, and local levels. This is based on the long-term physical limitations of land for agricultural use. There are a number of factors that affect the grade, and the main ones are climate, site and soil characteristics, and the interactions between them.
Air Quality Management Area (AQMA)	Air Quality Management Areas (AQMAs) are areas that are likely to exceed the national air quality objective for a specific pollutant. They are determined by Local Authorities.
Ambient noise	The total noise at a given place, usually a composite of sounds from many sources near and far.
Ancient woodland	Ancient woodland is defined as an area that has been wooded continuously since at least 1600AD. Ancient Woodland is divided into ancient semi-natural woodland and plantations on Ancient Woodland sites. Both types are classed as ancient woods.
Applicant	Trio Windsock Solar Farm Ltd.
Archaeological interest	There will be archaeological interest in a Heritage Asset if it holds, or potentially may hold, evidence of past human activity worthy of expert investigation at some point. Heritage Assets with archaeological interest are the primary source of evidence about the

Term	Definition
	substance and evolution of places, and of the people and cultures that made them.
Archaeological Site (also 'Monuments')	Heritage assets which may consist of surface and/or sub-surface remains, features, deposits and/or material relating to past human activity with a degree of significance meriting consideration in planning decisions.
Background sound	A-weighted sound pressure level that is exceeded by the residual sound at the assessment location for 90% of a given time interval.
Balance of Solar System (BoSS)	The components and equipment that convert the direct current (DC) electricity collected by the Solar PV modules into alternating current (AC) comprised of Inverters, Transformers, and Switchgear, associated cables, monitoring and control equipment and structures.
Baseline	A reference level of existing environmental conditions against which a project is measured and controlled.
Baseline studies	Work done to determine and describe the environmental conditions against which any future changes can be measured or predicted and assessed.
Battery Energy Storage System (BESS)	The BESS allows electricity generated by the Solar PV modules or imported from the National Grid to be stored and discharged at a later time. This allows the BESS to help balance the electricity grid. The battery storage and associated heating, ventilation and air conditioning ('HVAC') systems, monitoring and risk mitigation equipment would be housed within individual metal containers, referred to as BESS Units.
Below-Ground Archaeological Asset	Below-Ground Archaeological Assets include both known and hitherto unknown buried archaeological remains.
Best and Most Versatile Agricultural Land (BMV)	Defined as Grades 1, 2 and 3a in the Agricultural Land Classification by the revised National Planning Policy Framework (NPPF) and Planning Practice Guidance (PPG). This is the land, which is determined to be most

Term	Definition
	flexible, productive, and efficient in response to inputs and which can best deliver future crops for food and non-food uses such as biomass, fibres, and pharmaceuticals. Grades 3b, 4, and 5 are used to classify land that is of moderate quality to very poor quality.
Bifacial Photovoltaic Cells	The Solar Photovoltaic (PV) modules comprise of these comprising cells capable of producing electrical energy when illuminated on both its surfaces, front or rear and which are contained in the Solar PV modules.
Biodiversity	The biological diversity of the earth's living resources. The total range of variability among systems and organisms at the following levels of organisation: bioregional, landscape, ecosystem, habitats, communities, species, populations, individuals, genes, and the structural and functional relationships within and between these different levels.
Biodiversity Net Gain (BNG)	Biodiversity Net Gain (BNG) is an approach to development that leaves Biodiversity in a better state than before.
Bronze Age	The period of human activity between 2,500 BCE and 700 BCE.
Cables	The cables, which transmit electricity from different components on the Site.
Catchment	The total area which water drains to a specific point on a watercourse.
Central inverter	Inverters located at intervals amongst the Solar PV modules along with the DC combiner boxes, Transformers and Switchgear.
Climate change	Large scale, long term shift in the Earth's weather patterns or average temperature.
Collector Compounds	System comprising of Switchgear and Transformers and associated infrastructure, which collects electricity via the buried cables from the Inverter and Transformer Stations and transmit via further cables to the on-site Substation.

Term	Definition
Construction Activity	Vegetation removal, topsoil stripping, temporary storage of materials, ground excavation and remodelling, bare earth, movement of construction vehicles and tall features such as cranes and other construction plant.
Construction Compound	A secure area from which construction activities are managed and resourced, including but not limited to temporary offices, workshops, parking and storage.
Contaminated land	Land where substances are causing or have a significant possibility to cause significant harm to people, property or protected species; or, where significant pollution is being caused or has a significant possibility of being caused to controlled waters.
Decommissioning	The process of shutting down, and where relevant, removing the infrastructure comprised in the Proposed Development when it is no longer required once it has reached end of life.
Development Consent Order (DCO) Application	The DCO application being submitted for which development consent is being sought.
Development Consent Order	The Planning Act 2008 established the legal framework for applying for, examining and determining planning applications for Nationally Significant Infrastructure Projects (NSIP). Under the Planning Act, a Development Consent Order (DCO) is the means of obtaining permission to construct and maintain developments categorised as NSIPs under Sections 14(1)(a) of the PA 2008.
DCO Requirement	The conditions which govern how the project is to be delivered. These form part of the Schedule of Requirements which forms part of the **draft Development Consent Order**.
Designated Heritage Asset	Assets registered on the National Heritage List for England. These may be protected by primary legislation (e.g. listed buildings, conservation areas, scheduled monuments) or have a non-statutory designation (e.g. World Heritage Sites, registered battlefields,

Term	Definition
	registered parks and gardens, designated wrecks)
Draft Development Consent Order	A Development Consent Order is a Statutory Instrument made by the Secretary of State (SoS) pursuant to the Planning Act 2008 (as amended) (PA 2008). A draft version of the Development Consent Order is submitted as part of Development Consent Order application.
Earthworks	The moving of soil or rock to reconfigure the topography of a site.
EIA Regulations	The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017.
Effect	The consequence of an action (impact) upon the environment such as the decline of a breeding bird population as a result of the removal of hedgerows and trees.
Embedded mitigation	Modifications to the location or design of the development made during the pre-application phase that are an inherent part of the project, and do not require additional action to be taken.
Enclosure	A single or collection of boundaries surrounding a parcel of land. e.g.: hedgerows, walls, ditches, earth banks, fences etc.
Enhancement	Measures to improve the environment, such as landscape resource and the visual amenity of the Proposed Development and its wider setting, over and above its baseline condition, separate from mitigation.
Environmental Impact Assessment (EIA)	A systematic means of assessing the significance of effects from the Proposed Development, undertaken in accordance with the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (EIA Regulations).
Environmental Statement (ES)	A statement prepared in accordance with the Environmental Impact Assessment (EIA) Regulations that includes the information that is reasonably required to assess the likely effects of a development and which the

Term	Definition
	Applicant can, having regard in particular to current knowledge and methods of assessment, reasonably be required to compile.
Flood Map for Planning	Defines Flood Zones based on annual probability of flooding from fluvial and tidal sources to inform development planning and flood risk assessment. Nationally consistent delineation of 'high', 'medium' and 'low' flood risk updated by the Environment Agency as deemed appropriate, typically on a quarterly basis.
Flood Risk Assessment (FRA)	An assessment of the risk of flooding. A document that reviews a development in its proposal form to assess it against the risk of flooding, whether that be from groundwater, river (fluvial), surface water (pluvial), estuary/coastal (tidal), or from sewer sources.
Flood Zones	Zones based on the annual probability of flooding from fluvial and tidal sources, as defined in the Flood Map for Planning. Areas are categorised into one of the following: Flood Zone 1, Flood Zone 2, Flood Zone 3a or Flood Zone 3b.
Flood Zone 1	This zone comprises land assessed as having less than a 1 in 1,000 (0.1%) annual probability of flooding from rivers or the sea in any year.
Flood Zone 2	This zone comprises land assessed as having between a 1 in 100 (1%) and 1 in 1000 (0.1%) annual probability of flooding from rivers, or between a 1 in 200 (0.5%) and 1 in 1,000 (0.1%) annual probability of flooding from the sea in any year.
Flood Zone 3a	This zone comprises land assessed as having a 1 in 100 (1%) or greater annual probability of flooding from rivers or a 1 in 200 (0.5%) or greater annual probability of flooding from the sea in any year.
Flood Zone 3b	This zone comprises land where water has to flow or be stored in times of flood.

Term	Definition
Fluvial	Processes associated with rivers and streams and the deposits and landforms created by them.
Frequency	The repetition rate of a sound wave. The subjective equivalent in music is pitch. The unit of frequency is the Hertz (Hz), which is identical to cycles per second. A thousand hertz is often denoted as kHz, e.g. 2kHz = 2000Hz. Human hearing ranges approximately from 20Hz to 20kHz.
Future baseline	The likely evolution of the baseline without implementation of the Proposed Development.
Geographical Information System (GIS)	A system that captures, stores, analyses, manages, and presents data linked to location. It links spatial information to a digital database.
Geology	Geology is the study of solid earth, the material of which it is composed (principally rocks) and the processes by which they evolve.
Geophysical survey	Geophysical survey is a non-intrusive pre-construction archaeological evaluation technique that exploits a variety of physical or chemical characteristics of rocks and soils etc, in an attempt to locate underground features of archaeological interest. Types of geophysical survey include magnetometer survey, magnetic susceptibility survey and resistivity survey.
Glare	A continuous source of bright light typically received by static receptors or from large reflective surfaces.
Glint	A momentary flash of bright light typically received by moving receptors or from moving reflectors.
Greenhouse Gas (GHG)	Gases that absorb and emit reflected solar radiation which result in the warming of the Earth's atmosphere. It is absorbed and emitted at specific wavelengths within the spectrum of infrared radiation emitted by the earth's surface, the atmosphere, and clouds. The six main Greenhouse Gas (GHGs)

Term	Definition
	whose emissions are human caused are: carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbon, and sulphur hexafluoride. In combination, these GHG emissions are commonly expressed in terms of 'carbon dioxide equivalents' (CO_2e) according to their relative global warming potential. For this reason, the shorthand 'carbon' may be used to refer to GHGs.
Green and Blue Infrastructure	A network of multifunctional green space and green and blue (water-based enhancements) features, e.g. the creation of new ponds which can deliver quality of life and environmental benefits for communities.
Grid Connection	The export and import of electricity from the Proposed Development to or from the on-site Substation. The Grid Connection will not form part of the Proposed Development.
Gross Value Added	A measure of economic productivity that quantifies the contribution of an entity (company, industry or area) to an economy, producer or sector.
Ground Investigation (GI)	The physical investigation stage of the geotechnical survey of which geophysical surveys may be one element. Comprised of targeted investigations including both intrusive and non-intrusive techniques to prove ground conditions, determine soil/rock parameters and identify hazards associated with the ground conditions to inform the construction of the Proposed Development.
Ground Mounted Solar PV generating station	This comprises the Solar PV modules and mounting structure.
Groundwater	Groundwater is the store of water present beneath Earth's surface in rock and soil pore spaces and in the fractures of rock formations.
Habitat	The environment in which populations or individual species live or grow.
Habitats Regulations	The Conservation of Habitats and Species Regulations 2017 (as amended) which covers the terrestrial environment.

Term	Definition
Habitats Regulations Assessment (HRA)	A Habitats Regulations Assessment refers to the stages of assessment carried out by the competent authority in accordance with Habitats Regulations and the Conservation of Offshore Marine Habitats and Species Regulations 2017 (as amended) to determine if a project may affect the protected features of a European site and European offshore marine site, before deciding whether to undertake, permit or authorise it.
Hazard	Anything with the potential to cause harm, including ill-health and injury, damage to property or the environment; or a combination of these.
Hazardous waste	Waste that by legal definition may cause particular harm to human health or the environment.
Heavy Goods Vehicle (HGV)	Vehicles with 3 axles (articulated) or 4 or more axles (rigid and articulated).
Heritage	The historic environment and especially valued assets and qualities such as historic buildings and cultural traditions.
Heritage Asset National Planning Policy Framework (NPPF) (Annex 2)	"A building, monument, site, place, area or landscape identified as having a degree of significance meriting consideration in planning decisions, because of its heritage interest." Some heritage assets are designated as Scheduled Monuments, Listed Buildings, World Heritage Sites, Conservation Areas, Registered Parks and Gardens, Registered Battlefields, or locally designated through policies in the Local Plan. Undesignated assets may be recorded in Historic Environment Records, while many other assets are currently unrecorded. Information contained in HERs and SMRs is not definitive, since they may include features which, for instance, have been entirely removed, or are of uncertain location, dubious identification, or negligible importance. The identification of undesignated heritage assets is therefore to

Term	Definition
	some extent a matter of professional judgement. Both discrete features, and extensive landscapes defined by a specific historic event, process or theme, can be defined as heritage assets; and assets may overlap or be nested within one another."
Historic Environment Record (HER)	The record of archaeological and built heritage features in a county or district, usually held and maintained by the relevant County Council.
Horizontal Directional Drilling (HDD)	Low impact trenchless method of installing underground cables
Impact	The change in the environment from a development, such as the removal of a hedgerow.
Independent Outdoor Equipment	Locating the Inverters, Transformer and Switchgear separately.
Intra-project combined effects	The interaction and combination of different residual (post mitigation) environmental effects of the Proposed Development affecting the same receptor. For example, visual and noise effects during construction affecting the same residential dwelling.
Inter-project cumulative effects	The combined residual (post-mitigation) effects of the Proposed Development and 'other existing development and/or approved development' on a single receptor/resource.
Inverter	Inverters convert the direct current (DC) electricity collected by the Solar PV modules into alternating current (AC), which allows the electricity generated to be exported to the National Grid. BESS also use inverters to convert between DC and AC. The batteries function in DC and electricity must be converted to/from AC to pass into or from the grid.
Land drainage	The disposal of rainwater, achieved by a combination of watercourses of various types.
Land use	The purpose for which land is used, based on broad categories of functional land cover,

Term	Definition
	such as urban and infrastructure use and the different types of agricultural and forestry.
Landfill	A facility designed to receive disposed waste. Usually involves the infill of pre-existing voids.
Landform	The shape and form of the land surface which has resulted from combinations of geology, geomorphology, slope, elevation, and physical processes.
Landscape	An area, as perceived by people, the character of which is a result of the action and interaction of natural and/or human factors.
Landscape and Visual Impact Assessment (LVIA)	A tool used to identify and assess the likely significant effect of change resulting from development both on the landscape as an environmental resource in its own right and on people's views and visual amenity.
Landscape character	A distinct, recognisable and consistent pattern of elements in the landscape that makes one landscape different from another.
Lead Local Flood Authority (LLFA)	The local authority responsible for taking the lead on local flood risk management as defined within the Flood and Water Management Act 2010.
Listed building	A building which is considered to be of special architectural or historic interest and listed in accordance with the Planning (Listed Buildings and Conservation Areas) Act 1990.
Local Wildlife Site (LWS)	A site of local importance that has been identified and selected for its wildlife value.
Local Planning Authority (LPA)	The function of a local authority that is empowered by law to exercise statutory town planning functions for a particular area of the UK.
Location quotient	Measures how concentrated an industry is in a region compared to a broader benchmark, revealing local strengths.
Main River	A watercourse shown as such on the Flood Map for Planning and can include any structure or appliance for controlling or regulating the flow of water in, into or out of a

Term	Definition
	Main River. Main Rivers are usually larger streams and rivers but also include smaller watercourses of strategic drainage importance. Main Rivers are under the jurisdiction of the Environment Agency who have powers to carry out flood defence works to Main Rivers.
Magnitude	A combination of the scale, extent and duration of an effect.
Medieval	The period of human activity between 1066CE and 1550CE.
Mitigation hierarchy	The mitigation hierarchy is a structured approach to managing environmental impacts in an EIA. It involves a sequence of actions to avoid, minimize, restore, and, as a last resort, offset negative environmental effects. This approach prioritises prevention and reduction of harm before considering compensation.
Mitigation measures	Actions proposed to avoid, prevent, reduce and where possible, offset significant adverse effects arising from the whole or specific elements of the Proposed Development on the environment.
Modern	The period of human activity from 1900 to the present day.
National Planning Policy Framework (NPPF)	The document that sets out Government's planning policies for England and how these are expected to be applied. The NPPF was last revised in August 2026.
National Policy Statement (NPS)	Policy designated under the Planning Act 2008 (as amended) (PA 2008) concerning the planning and consenting of Nationally Significant Infrastructure Projects (NSIPs) in the UK. Where applicable, they form the primary policy framework for the consenting of NSIPs.
National Policy Statement for Energy (EN–1), 2025	Policy adopted by the Department of Energy Security and Net Zero on 6 January 2026. EN-1 sets out the national policy for delivering major energy infrastructure in England and Wales. EN-1 has effect in combination with the relevant technology specific National Policy Statement, NPS

Term	Definition
	Energy (EN-3), and together they provide the primary basis for the decision made by the Secretary of State (SoS) for this Development Consent Order (DCO) application.
National Policy Statement for Renewable Energy Infrastructure (EN–3), 2025	Policy published by Department of Energy Security and Net Zero on 06 January 2025, taken together with EN-1, provides the primary basis for decisions by the Examining Authority (ExA) on applications it receives for nationally significant renewable energy infrastructure. This policy specifically relates to solar photovoltaic generation.
National Policy Statement for Electricity Networks Infrastructure (EN-5), 2025	Policy published by the Department for Energy Security and Net Zero on 06 January 2025, forms part of the wider suite of energy National Policy Statement (NPSs). This guidance makes it easier for decision makers, applicants and the wider public to understand: • government policy on the need for Nationally Significant Infrastructure Projects (NSIPs); • how applications for energy infrastructure will be assessed; and • the way in which impacts and mitigations will be judged.
Nationally Significant Infrastructure Project (NSIP)	Projects which fall under one of the categories in Part 3 of the Planning Act 2008 (as amended) (PA 2008).
Nationally Designated Ecological Site	Areas of land subject to project through UK legislation, including Sites of Special Scientific Interest (SSSI) and National Nature Reserves (NNR).
Noise sensitive receptor	Any identified receptor likely to be affected by noise. These are generally human receptors, and may include residential dwellings, workplaces, schools, hospitals, community facilities, places of worship, recreational spaces and ecological receptors.
Non-Designated Heritage Asset	Assets identified by the local planning authority or national registers for the historic environment which have no formal designation but are considered to have a

Term	Definition
	degree of significance meriting consideration in planning decisions. These can include locally listed buildings, information on sites held by the relevant Historic Environment Record and National Record of the Historic Environment
Consultation	Consultation with stakeholders on the Proposed Development.
Consultees	Consultees who are likely to have an interest in the Proposed Development and which the Applicant has therefore decided to consult with.
Operational (including maintenance) phase	Operational phase of the Proposed Development which would include maintenance activities.
Ordinary watercourse	Any river, stream, ditch, drain, cut, dyke, sluice, sewer (other than a public sewer) and passage through which water flows that does not form part of a Main River. The Lead Local Flood Authority (LLFA) or Internal Drainage Board (IDB) where relevant, has powers for Ordinary Watercourses that are similar to those held by the Environment Agency for Main Rivers.
Ordnance Datum	The standard measure of sea level in the UK, from which all heights are measured for mapping purposes.
Outline Battery Safety Management Plan	Plan that identifies how the Applicant would use good industry practice to reduce risk to life, property, and the environment from the BESS.
Outline Construction Environmental Management Plan (Outline CEMP)	Plan that details management methods to ensures that the Proposed Development will mitigate its potential impacts on the environment during construction.
Outline Construction Traffic Management Plan (Outline CTMP)	Plan that proposes measures to control the delivery of materials and staff onto the Site in the interests of safety and efficiency and also to mitigate effects on the local highway network.

Term	Definition
Outline Decommissioning Environmental Management Plan (Outline DEMP)	Plan that details management methods to ensures that the Proposed Development will mitigate its potential impacts on the environment during decommissioning.
Outline Drainage Strategy	Plan that outlines how to manage surface water runoff from for permanent works during the operational (including maintenance) phase of the Proposed Development, ensuring compliance with national, regional and local regulations on flood risk, drainage and pollution control, as well as adhering to the internal technical specifications set by the Applicant.
Outline Landscape and Ecological Management Plan (Outline LEMP)	A document to set out the principles for how the land will be managed throughout the construction and operation phases.
Outline Operational Environmental Management Plan (Outline OEMP)	This document sets out the principles and key measures that will be employed during the operation of the Proposed Development to control and minimise the impacts on the environment, including best practice guidelines on waste and water management.
Outline Public Rights of Way and Access Strategy (Outline PRoWAS)	This document sets out the principles and measures that will be employed to manage Rights of Way and access during the construction, operation (including maintenance) and decommissioning of the Proposed Development.
Outline Site Waste Management Plan (Outline SWMP)	This document sets out principles and measures for implementing, monitoring, and managing waste.
Outline Soil Management Plan (Outline SMP)	Detail measures for soil management and follow the principles of best practice to maintain the physical properties of the soil
Phase One Consultation	The first period of consultation on early plans and proposals which commenced in October 2026.
Phase Two Consultation	The second period of consultation on early plans and proposals which is expected to take place in Spring 2027.
Phase 1 Habitat Survey	An ecological survey technique that provides a standardised system to record vegetation

Term	Definition
	and wildlife habitat. It enables a basic assessment of habitat type and its potential importance for nature conservation.
Photomontage	A photorealistic image of the scheme, based on a 3D computer model of the scheme, overlaid onto a base photograph to visually represent the scheme. Features that would be removed as part of the scheme are removed from the base photograph.
Planning Inspectorate (PINS)	The Government agency responsible for administering applications for development consent under the Planning Act 2008 (as amended) (PA 2008) on behalf of the Secretary of State (SoS) for the Department of Energy Security and Net Zero.
Pollution	The introduction of harmful materials into an environment.
Post-Medieval	The period of human activity between 1550CE and 1900CE.
Prehistoric	The period before the year 43CE.
Preliminary Ecological Appraisal (PEA)	Preliminary ecological surveys have a range of purposes; one key use is to gather data on existing conditions, often with the intention of conducting a preliminary assessment of likely impacts of proposed developments or establishing the baseline for future monitoring. As a precursor to a proposed project, some evaluation is usually made within these appraisals of the ecological features present, as well as scoping for notable species or habitats, identification of potential constraints to the Proposed Development and recommendations for mitigation measures.
Principal contractor	The person or organisation appointed by the Applicant to undertake the construction of the Proposed Development, including the management of the construction process and health and safety on Site.
Project Principles	Design principles identified at the start of the project to deliver good design. The Project Principles are used to drive design related decision making throughout the lifecycle of

Term	Definition
	the project and are continually tested and improved in response to further baseline survey work, design evolution, environmental assessment and stakeholder feedback to secure the best outcomes for the project.
Proposed Development	The development for which a Development Consent Order (DCO) is sought. The Proposed Development comprises the construction, operation (including maintenance), and decommissioning of Solar photovoltaic ('PV') development and energy storage, together with associated infrastructure. The Proposed Development would include a generating station with a total exporting capacity exceeding 100 megawatts ('MW'). The location of the Proposed Development is shown in **Appendix A**.
Preliminary Risk Assessment	Report that presents a summary of readily available information on the geotechnical and/or geo-environmental characteristics of the site and provides a qualitative assessment of geo-environmental and/or geotechnical risks in relation to the proposed development.
Receptor	A component of the natural, created or built environment such as a human being, water, air, a building, or a plant that has the potential to be affected by the Proposed Development.
Recovery	Processing waste to prevent it being disposed of to landfill. Recovery processes include incineration with energy recovery, advanced thermal treatment, anaerobic digestion, and composting.
Recycle	Any recovery operation where waste is reprocessed into products, materials or substances whether for its original or other purposes. Recycling includes the reprocessing of organic material but excludes energy recovery and the reprocessing of waste into materials to be used as fuels or for backfilling operations.

Term	Definition
Remediation	The removal of pollution or contaminants from the environment (usually soil, groundwater, sediment, or surface water).
Requirement	A requirement listed as a condition of planning permission.
Residual effects	Effects arising from the Proposed Development that cannot be mitigated following implementation of mitigation measures.
Resilience (climate change)	The vulnerability of the Proposed Development to climate change.
Reuse	Any operation by which products or components that are not waste are used again for the same purpose for which they were conceived; reuse presumes that significant reprocessing is not required.
Risk	The likelihood of an impact occurring, combined with the effect or consequence(s) of the impact on a receptor if it does occur.
Rochdale envelope	The Rochdale Envelope is an acknowledged way of dealing with an application where details of a project have not been fully resolved by the time the application is submitted. The term is used to describe those elements of a scheme that have not yet been finalised but yet can be accommodated within certain limits and parameters allowing the likely significant effects of a project to be presented in the Environmental Statement (ES) as a reasonable worst case. It also provides the opportunity to assess aspects of a development where the detailed design is to be developed post grant of a Development Consent Order (DCO) and approved by the Local Planning Authority under a DCO Requirement.
Roman	The period of human activity between 43CE and 410CE.
Scoping	An exercise undertaken pursuant to the Environmental Impact Assessment (EIA) Regulations, to determine the environmental topics and environmental elements to be

Term	Definition
	addressed within the Environmental Statement (ES).
Scoping Opinion	The Scoping Opinion is the Secretary of State (SoS)'s written opinion as to the scope, and level of detail, of the information to be provided in the Environmental Statement (ES).
Scoping Report	The Scoping Report is a report prepared by an Applicant to provide the information required under the Environmental Impact Assessment (EIA) Regulations to request a Scoping Opinion from the Secretary of State (SoS).
Secretary of State (SoS)	Determining body, in this case, the Secretary of State for the Department for Energy Security and Net Zero.
Setting NPPF	"The surroundings in which a heritage asset is experienced. Its extent is not fixed and may change as the asset and its surroundings evolve. Elements of a setting may make a positive or negative contribution to the significance of an asset, may affect the ability to appreciate the significance, or may be neutral" (an extended consideration of Setting is contained in GAPN 3)
Significance	A measure of the importance of the effect defined by significance criteria specific to the environmental topic.
Significance: NPPF	"the value of a heritage asset to this and future generations because of its heritage interest. That interest may be archaeological, architectural, artistic or historic. Significance derives not only from a heritage asset's physical presence, but also from its setting"
Significant effects	It is a requirement of the Environmental Impact Assessment (EIA) Regulations to determine the likely significant effects of development on the environment and where possible, should be mitigated. The significance of an effect gives an indication as to the degree of importance (based on the magnitude of the effect and sensitivity of the receptor) that should be

Term	Definition
	attached to the impact described. Whether an effect should be considered significant is not absolute and requires the application of professional judgement.
Site boundary	The land shown on the figures within which the Proposed Development is proposed to be carried out, to include land required temporarily and/or permanently for the construction, operation, maintenance and decommissioning of the Proposed Development.
Site preparation	Activities such as environmental surveys, investigations, removal of materials and demolition of existing structures, clearance of vegetation.
Solar Photovoltaic (PV) development	This comprises the Ground Mounted Solar PV generating station, Balance of Solar System (BoSS) and distribution cables, access tracks and ancillary works.
Solar Photovoltaic (PV) modules	Panels comprised of photovoltaic cells beneath a layer of toughened glass that convert sunlight into electrical current.
Solar PV development	This comprises Ground Mounted Solar photovoltaic (PV) Generating Station (solar PV modules and mounting structure), Balance of Solar System (Inverters, Transformers, and Switchgear) and low voltage distribution cables, access tracks and ancillary infrastructure works.
Solar PV modules	A module comprising a grouping of photovoltaic cells connected to each other and set within a single physical frame. Each Solar PV module is attached to a metal frame mounting structure known as ‘PV strings’.
Source Protection Zone (SPZ)	Areas which show the level of risk to the source of groundwater from contamination. Source of Protection Zone (SPZ) 1 (Inner zone) is based on a 50 day travel time of pollutant to source with a 50 metres default minimum radius. SPZ 2 (outer zone) is based on a 400 day travel time of pollutant to source with 250 or 500 metres minimum radius around the source depending on the amount

Term	Definition
	of water abstracted. SPZ 3 (total catchment) area around a source within which all the groundwater ends up at the abstraction point.
Species	A group of interbreeding organisms that seldom or never interbreed with individuals in other such groups, under natural conditions; most species are made up of subspecies or populations.
study area	The area within which impacts could occur and has been used for the purposes of the technical assessments included within the Environmental Statement.
String inverter	Type of inverter that are mounted underneath the Solar PV module.
Survey area	The area within which an environmental survey is undertaken.
Sustainable Drainage System (SuDS)	A collection of water management practices that aim to align modern drainage systems with natural water processes.
Switchgear	Combination of electrical disconnect switches, fuses or circuit breakers to control, protect and isolate electrical equipment.
Temporary works	Those parts of the works that allow or enable construction of the Proposed Development and which do not remain in place at the completion of the works.
The Site	The land within the Site boundary on which the Proposed Development would be carried out.
Trackout	The transport of dust and dirt from the construction/demolition site onto the public road network, where it may be deposited and then re-suspended by vehicles using the network.
Transect	Survey technique for surveying birds, wintering birds and breeding birds, with surveyors walking pre-defined routes.
Transformer	A static piece of apparatus with two or more windings which, by electromagnetic induction, transforms a system of alternating voltage and current into another system of voltage

Term	Definition
	and current usually of different values and at the same frequency for the purpose of transmitting electrical power.
Tributaries	Smaller watercourses which drain to a large watercourse. A watercourse is a natural or artificial channel through which water flows (e.g. a river, stream, brook, or creek).
Visual amenity	Overall enjoyment of a particular area, surroundings, or views in terms of people's activities - living, recreating, travelling through, visiting, or working.
Visual effect	An effect on specific views and on the general visual amenity experienced by people.
Visual receptor	Heritage Assets, individuals and/or defined groups of people, that have the potential to be affected by the Proposed Development.
Waste	Any substance or object which the holder discards or intends or is required to discard.
Waste hierarchy	A guiding theme for waste policy at all levels. Establishes an order of preference for the management of waste, to maximise the prevention of waste, whilst minimising disposal. The Waste (Management) Hierarchy is established in the Waste Framework Directive (Directive 2008/98/EC), and prescribes the following: • Prevention (Most preferred option) • Preparing for reuse • Recycling • Recovery • Disposal (Least preferred option)
Water abstractions	The process of taking water from any source, either temporarily or permanently, for flood control or to obtain water for, for example, irrigation.
Zone of Influence (ZOI)	The areas/resources that may be affected by the changes caused by activities associated with the Proposed Development.

Term	Definition
Zone of Theoretical Visibility (ZTV)	A map, digitally produced, showing areas of land within which, the Proposed Development is theoretically visible.

Table 2: Acronyms

Acronym	Definition
AADT	Annual Average Daily Traffic
AC	Alternating current
AGL	Above Ground Level
AGLV	Area of Great Landscape Value
AHDB	Agriculture and Horticulture Development Board
AIL	Abnormal Indivisible Load
ALC	Agricultural Land Classification
AMS	Arboriculture Method Statements
AQMA	Air Quality Management Area
AQS	Air quality standards
BESS	Battery Energy Storage System
BGL	Below Ground Level
BGS	British Geological Survey
BHS	British Horse Society
BMV	Best and Most Versatile agricultural land
BNG	Biodiversity Net Gain
BoSS	Balance of Solar System
BPM	Best Practicable Means
BRE	Building Research Establishment
BSI	British Standards Institution
BS	British Standard
BSMP	Battery Safety Management Plan
C	Century
c.	Circa
CCTV	Close circuit television
CEMP	Construction Environmental Management Plan
CIEEM	Chartered Institute of Ecology and Environmental Management

Acronym	Definition
ClfA	Chartered Institute for Archaeologists
CIRIA	Construction Industry Research and Information Association
CITB	Construction Industry Training Board
CO_2	Carbon dioxide
CO_{2e}	Carbon dioxide equivalent
CRNT	Calculation of Road Traffic Noise Memorandum
CTMP	Construction Traffic Management Plan
dB	Decibel. Scale for expressing sound pressure level. It is defined as 20 times the logarithm of the ratio between the root mean square pressure of the sound field and a reference pressure i.e. $2x10^{-5}$ Pascal.
dB(A)	A-weighted decibel. This provides a measure of the overall level of sound across the audible spectrum with a frequency weighting to compensate for the varying sensitivity of the human ear to sound at different frequencies. Example sound levels include: 140 dB(A) Threshold of pain 120 dB(A) Threshold of feeling 100 dB(A) Loud nightclub 80 dB(A) Traffic at busy roadside 60 dB(A) Normal speech level at 1m 40 dB(A) Quiet office 20 dB(A) Broadcasting studio 0 dB(A) (1000 Hz) Median hearing threshold
DBA	Desk Based Assessment
DC	Direct current
DCO	Development Consent Order
Defra	Department for Environment, Food and Rural Affairs
DEMP	Decommissioning Environmental Management Plan

Acronym	Definition
DfT	Department for Transport
DMRB	Design Manual for Roads and Bridges
DoWCoP	Definition of Waste Code of Practice
DWPA	Drinking Water Protected Area
DWSZ	Drinking Water Safeguard Zone
DS	Drainage Strategy
EC	European Commission
EclA	Ecological Impact Assessment
eDNA	Environmental DNA
EIA	Environmental Impact Assessment
EMF	Electro Magnetic Fields
EN–1	National Policy Statement for Energy
EN–3	National Policy Statement for Renewable Energy Infrastructure
EN-5	National Policy Statement for electricity networks infrastructure
EPC	Engineering, Procurement, and Construction
EPUK	Environmental Protection UK
ES	Environmental Statement
EU	European Union
FAA	Federal Aviation Administration
FRA	Flood Risk Assessment
GCN	Great Crested Newt
GIS	Geographic Information Systems
GHG	Greenhouse Gas
GLTA	Ground Level Tree Assessments
GLVIA	Guidelines for Landscape and Visual Impact Assessment
GPA	Good Practice Advice
GVA	Gross Value Added
GW	gigawatt
Ha	Hectare

Acronym	Definition
HDD	Horizontal Directional Drill/Drilling
HE	Historic England
HER	Historic Environment Record
HGV	Heavy Goods Vehicle
HRA	Habitat Regulations Assessment
HSI	Habitat Suitability Index
HVAC	Heating, Ventilation and Air Cooling
Hz	Hertz
IAPA	Important Arable Plant Areas
IAQM	Institute of Air Quality Management
IDB	Internal Drainage Board
INNS	Invasive non-native species
IEMA	Institute of Environmental Management and Assessment
ISEP	Institute of Sustainability and Environmental Professionals
JNCC	Joint Nature Conservation Committee
km	Kilometer
$ktCO_2$	Total greenhouse gas emissions
kV	Kilovolt
kW	Kilowatt
$L_{Aeq,T}$	This is defined as the notional steady sound level over a stated period of time (T), would contain the same amount of acoustical energy as the A-weighted fluctuating sound measured over that period.
$L_{A,max}$	Maximum sound level
$L_{A90,T}$	A-weighted sound pressure level that is exceeded by the residual sound at the assessment location for 90% of a given time interval.
LandIS	Land Information System Portal
LAQM	Local Air Quality Management
LCA	Landscape Character Area

Acronym	Definition
LCRM	Land Contamination Risk Management
LDP	Local Development Plan
LEMP	Landscape and Ecological Management Plan
LiDAR	Light Detection and Ranging
L_{max}	Highest Measured Sound Pressure Level
L_{min}	Lowest Measured Sound Pressure Level
LNR	Local Nature Reserve
LPA	Local Planning Authority
LSFT	Large Scale Fire Testing
LVIA	Landscape and Visual Impact Assessment
LWS	Local Wildlife Site
MAGIC	Multi Agency Geographic Information for the Countryside
MOD	Ministry of Defence
MW	Megawatts
N/A	Not Applicable
MtCO2e	Million tonnes of carbon dioxide equivalent
NATMAP	National Soil Map for England and Wales
NCA	National Character Area
NCN	National Cycle Network
NE	Natural England
NESO	National Electricity System Operator
NHLE	National Heritage List for England
NMC	Nickel Manganese Colbolt
NO_2	Nitrogen dioxide
NPPF	National Planning Policy Framework
NPPG	National Planning Practice Guidance
NPS	National Policy Statement
NSIP	Nationally Significant Infrastructure Project
NTS	Non-Technical Summary
AMS	Arboricultural Method Statements

Acronym	Definition
OEMP	Operational Environmental Management Plan
ONS	Office for National Statistics
OS	Ordnance Survey
PAS	Portable Antiquities Scheme
PEA	Preliminary Ecological Appraisal
PINS	Planning Inspectorate
PM	Particulate Matter
PM_{10}	Particulate Matter with an aerodynamic diameter of less than 10micrometres
$PM_{2.5}$	Particulate Matter with an aerodynamic diameter of less than 2.5 micrometres
PPG	Planning Practice Guidance
PPG (as used in Chapter 5)	Pollution Prevention Guidelines
PRA	Preliminary Risk Assessment
PRoW	Public Right of Way
PRoWAS	Public Rights of Way and Access Strategy
PV	Photovoltaic
RAF	Royal Air Force
RICS	Royal Institution of Chartered Surveyors
RPA	Root Protection Area
SAC	Special Area of Conservation
SMP	Soil Management Plan
SGOHP	Solar Glare Ocular Hazard Plot
SPA	Special Protection Area
SPZ	Source Protection Zone
SSSI	Site of Special Scientific Interest
SWMP	Site Waste Management Plan
SuDS	Sustainable Drainage System
TCO_{2e}	Tonnes of Carbon Dioxide Equivalent
TGN	Technical Guidance Note
TPO	Tree Preservation Order

Acronym	Definition
TRO	Traffic Regulation Order
TVSCNC	Trent Valley South Connection Node C
UK	United Kingdom
UKCP	UK Climate Projections
UXO	Unexploded Ordnance
WFD	Water Framework Directive
WSI	Written Scheme of Investigation
ZoI	Zone of Influence
ZTV	Zone of Theoretical Visibility

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